INSTALLATION AND TECHNICAL REFERENCE MANUAL

WARNING! REMOTE START SYSTEMS ARE ONLY APPLICABLE TO VEHICLES WITH AUTOMATIC TRANSMISSION!

BOTH ORIGINAL KEYS ARE REQUIRED FOR ALL REMOTE START SYSTEMS ON VEHICLES EQUIPPED WITH SECURILOCK!

EXPERT FITMENT REQUIRED

Subject to Change Without Notice

ALL MODELS 2002

Technical Support
(800) FORD-KEY

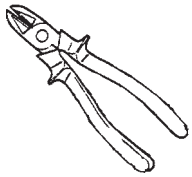
Use Caution - Personal Injury

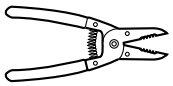
Use Caution - Vehicle Damage

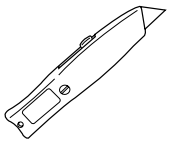
See shop manual

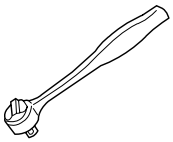
Important note

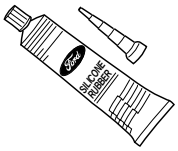
TOOLS REQUIRED



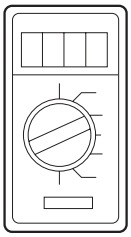


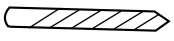






Silicone sealer
D6AZ-19562-AA



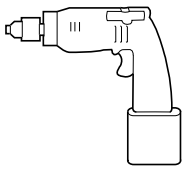


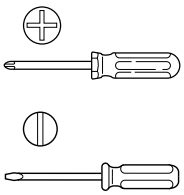
9/32”

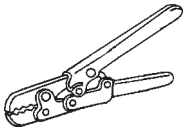
8mm

7mm

1/4”







Super Seal
F3AZ-19515-SA

101871-2

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READ ME FIRST

For convenience this document uses short names when referring to a particular system or kit. The list below identifies the short names used herein:

Remote Start System with Deluxe Vehicle Security and Keyless Entry —> **RKE/VSS/RMST**

Remote Start System with Keyless Entry —> **RKE/RMST**

Remote Start System —> **RMST**

Deluxe Vehicle Security System with Keyless Entry —> **Deluxe RKE/VSS**

Vehicle Security System with Keyless Entry —> **RKE/VSS**

Vehicle Security System for Vehicles Equipped with Factory Keyless Entry —> **VSS**

Keyless Entry System —> **RKE**

Navigating this document can be accomplished by: 1) using the ◄ ► buttons in the Acrobat toolbar, 2) clicking on the bookmark links in the bookmark pane to the left. (Clicking on the (+) symbols next to a bookmark will expand that bookmark, revealing additional selections) or 3) clicking on a topic in the table of contents located on page 2.

The most current version of this document can be accessed at www.mcdistributor.com and/or www.fmcdealer.com. As new/updated material becomes available, this document will be updated and posted on those sites.

This installation instruction covers the installation of all PowerCode based Convenience/Security and Remote start kits, therefore follow only the steps that apply to the kit that you are installing. For example, the Securilock interface kits are only used on systems that include remote start (RMST). Therefore, if you are installing a security only kit, skip the steps pertaining to the Securilock interface kit.

Vehicle wiring is subject to change. All possible efforts have been taken to ensure that the information contained herein is accurate as of the revision dates indicated. As such, it is critical that vehicle circuits are tested prior to making any connections, to ensure that the proper vehicle circuit has been located.

Prior to beginning this installation it is recommended that you lower the drivers door window to prevent locking the keys in the vehicle.

The installation instructions are presented in three sections. The first section (which begins immediately following this page) contains installation instructions for the systems various components and tips for prepping the systems wiring harnesses. These steps are presented in a generic format. The procedures for these installation steps are basically the same regardless of the model vehicle or system that you are working on. The drawings depicted in this section are for reference only and may not reflect the vehicle on which you may be working.

The second (reference) section contains the system option programming charts and various other reference type information.

The last section presents vehicle specific wiring diagrams for each application. Within the wiring section for each vehicle, there are separate wiring diagrams for each different system. The vehicle specific wiring drawings are arranged in the following order:

1. RKE/VSS/RMST & RKE/RMST (in the same drawing) - Typically 4 pages;
2. RMST - 1 page
3. Deluxe RKE/VSS - 3 - 4 pages;
4. RKE/VSS & RKE installation options - 1 page;
5. VSS - Typically 1 page;
6. Pre-load system wiring - 1 page;
7. Fuse placement and vehicle specific programming requirements - 1 page.

Vehicles that are equipped with 100% factory keyless entry will not have the RKE/VSS & RKE drawing. Some drawings will have blank pages inserted to maintain the page order.

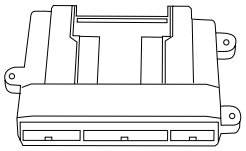
Prior to beginning your first installation of this product it is recommended that you:

1. Thoroughly review and print out the first section;
2. Skim through the reference section to become acquainted with the additional information that is available.

Then, when going through the installation print out the vehicle specific wiring section and use as a reference during the installation.

KIT CONTENTS

A



PC-12 - 2W7J-19A498-AA
PC-32 - 2W7J-19G367-AA

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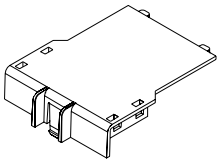


SEE KIT BOM

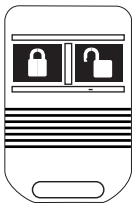
C

2W7J-15K601-BA

D

2W7J-15K601-BA

E



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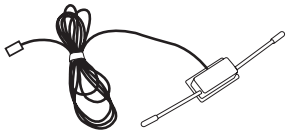
F

2W7J-15K601-AA

G



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H

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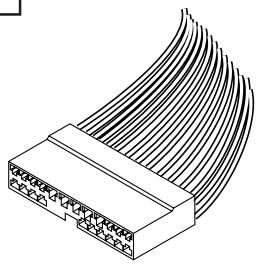
I



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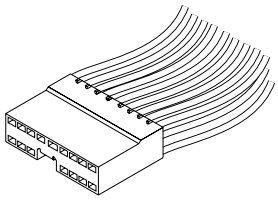

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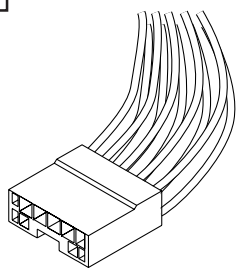

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L

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M

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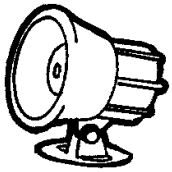
N



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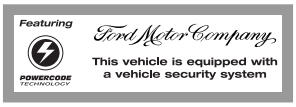

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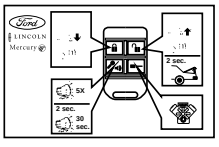

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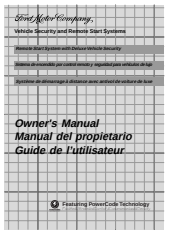

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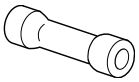
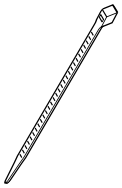
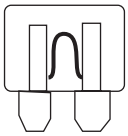
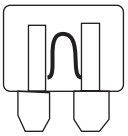
PARTS BAG CONTENTS

S 750 OHM 1X	**T** 1800 OHM 1X	**U**  2X	**V** 6X
W 2X	**X**  5X	**Y** 10X	**Z** 1X
AA 2X	**BB** 7X	**CC** 5A  1X	**DD** 15A  PC-12 - 4X PC-32 - 7X

NOTE: Part bag contents are not available as service items

KIT BILL OF MATERIALS LISTS

2W7Z-19G364-AA

Remote Start System w/Deluxe Vehicle Security and Keyless Entry Kit (RKE/VSS/RMST)

REF	DESCRIPTION	QTY
A	PC-32 MODULE ASSEMBLY	1
B	RKE/VSS/RMST DNA ASSEMBLY (2W7J-19G367-BA)	1
C	4 BUTTON POWERCODE TRANSMITTER W/REMOTE START ICONS	2
I	24-WAY WIRING HARNESS (BASE)	1
J	16-WAY WIRING HARNESS (ADVANCE FUNCTIONS)	1
K	10-WAY WIRING HARNESS (CAR START FUNCTIONS)	1
L	STATUS INDICATOR ASSEMBLY	1
G	DIPOLE ANTENNA	1
M	HOOD SAFETY SWITCH ASSEMBLY	1
N	125 DB SIREN ASSEMBLY	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
O	VSS WINDOW WARNING DECAL	2
P	UNDERHOOD WARNING LABEL	1

2W7Z-19G364-BA

Remote Start System w/Keyless Entry Kit (RKE/RMST)

REF	DESCRIPTION	QTY
A	PC-32 MODULE ASSEMBLY	1
B	RKE/RMST DNA ASSEMBLY (2W7J-19G367-DA)	1
C	4 BUTTON POWERCODE TRANSMITTER W/REMOTE START ICONS	2
I	24-WAY WIRING HARNESS (BASE)	1
J	16-WAY WIRING HARNESS (ADVANCE FUNCTIONS)	1
K	10-WAY WIRING HARNESS (CAR START FUNCTIONS)	1
L	STATUS INDICATOR ASSEMBLY	1
G	DIPOLE ANTENNA	1
M	HOOD SAFETY SWITCH ASSEMBLY	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
P	UNDERHOOD WARNING LABEL	1

2W7Z-19G364-CA
Remote Start System Kit (RMST)

REF	DESCRIPTION	QTY
A	PC-32 MODULE ASSEMBLY	1
B	RMST DNA ASSEMBLY (2W7J-19G367-CA)	1
F	2 BUTTON POWERCODE TRANSMITTER W/REMOTE START ICON	2
I	24-WAY WIRING HARNESS (BASE)	1
K	10-WAY WIRING HARNESS (CAR START FUNCTIONS)	1
L	STATUS INDICATOR ASSEMBLY	1
G	DIPOLE ANTENNA	1
M	HOOD SAFETY SWITCH ASSEMBLY	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
P	UNDERHOOD WARNING LABEL	1

2W7Z-19A361-DA
Deluxe Vehicle Security and Keyless Entry Kit (Deluxe RKE/VSS)

REF	DESCRIPTION	QTY
A	PC-12 MODULE ASSEMBLY	1
B	Deluxe RKE/VSS DNA ASSEMBLY (2W7J-19A498-DA)	1
D	4 BUTTON POWERCODE TRANSMITTER W/HEADLIGHT ICONS	2
I	24-WAY WIRING HARNESS (BASE)	1
J	16-WAY WIRING HARNESS (ADVANCE FUNCTIONS)	1
L	STATUS INDICATOR ASSEMBLY	1
G	DIPOLE ANTENNA	1
N	125 DB SIREN ASSEMBLY	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
O	VSS WINDOW WARNING DECAL	2

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2W7Z-19A361-CA
Vehicle Security and Keyless Entry Kit (RKE/VSS)

REF	DESCRIPTION	QTY
A	PC-12 MODULE ASSEMBLY	1
B	RKE/VSS DNA ASSEMBLY (2W7J-19A498-CA)	1
C	2 BUTTON POWERCODE TRANSMITTER W/LOCK, UNLOCK ICONS	2
I	24-WAY WIRING HARNESS (BASE)	1
L	STATUS INDICATOR ASSEMBLY	1
H	WHIP ANTENNA	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
O	VSS WINDOW WARNING DECAL	2

2W7Z-19A361-BA
Vehicle Security Kit (VSS)

REF	DESCRIPTION	QTY
A	PC-12 MODULE ASSEMBLY	1
B	VSS DNA ASSEMBLY (2W7J-19A498-CA)	1
I	24-WAY WIRING HARNESS (BASE)	1
L	STATUS INDICATOR ASSEMBLY	1
H	WHIP ANTENNA	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1
O	VSS WINDOW WARNING DECAL	2

2W7Z-19A361-AA
Keyless Entry Kit (RKE)

REF	DESCRIPTION	QTY
A	PC-12 MODULE ASSEMBLY	1
B	RKE DNA ASSEMBLY (2W7J-19A498-BA)	1
I	24-WAY WIRING HARNESS (BASE)	1
L	STATUS INDICATOR ASSEMBLY	1
H	WHIP ANTENNA	1
S - BB	INSTALLATION PARTS BAG	1
CC, DD	FUSE PARTS BAG	1
R	OPERATORS INSTRUCTION	1
S	OPERATORS QUICK REFERENCE WALLET CARD	1

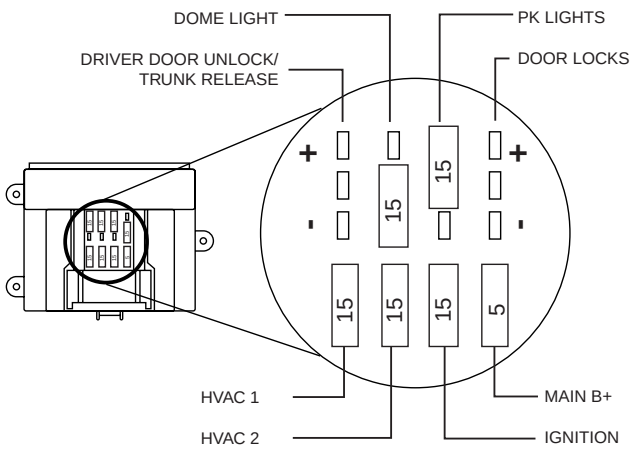
MODULE PREPARATION

1

Place the supplied fuses into the power distribution block on the control module. Refer to the fuse placement drawing for the specific vehicle that you are working on. Fuse placement drawings are located in vehicle specific wiring sections.

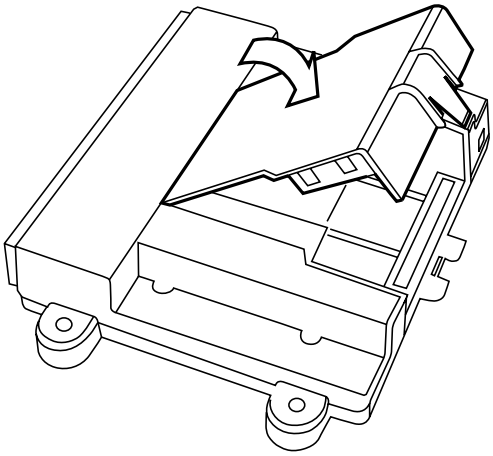
In this diagram, the parking light fuse is shown in the **positive** polarity position and the Dome light fuse is shown in the **negative** polarity position.

Note: The HVAC1, HVAC2 and IGNITION fuses are only used on systems including remote car start (requires PC-32 module).



2

Place the software cartridge (DNA) onto the control module as shown.



3

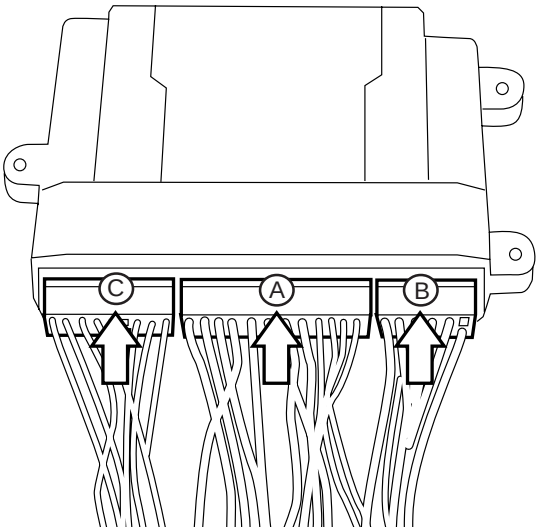
Plug the wiring harness(es) into the module.

Harness A: 24-way, used on all systems;

Harness B: 10-way, used on all systems with car start;

Harness C: 16-way, used on systems with convenience features (i.e. Headlight control, memory seat control) along with some preload system installations in vehicles without factory equipped RKE.

If you are installing a system that uses the whip antenna (RKE, RKE/VSS or Preload), plug the whip antenna into the module at this time.

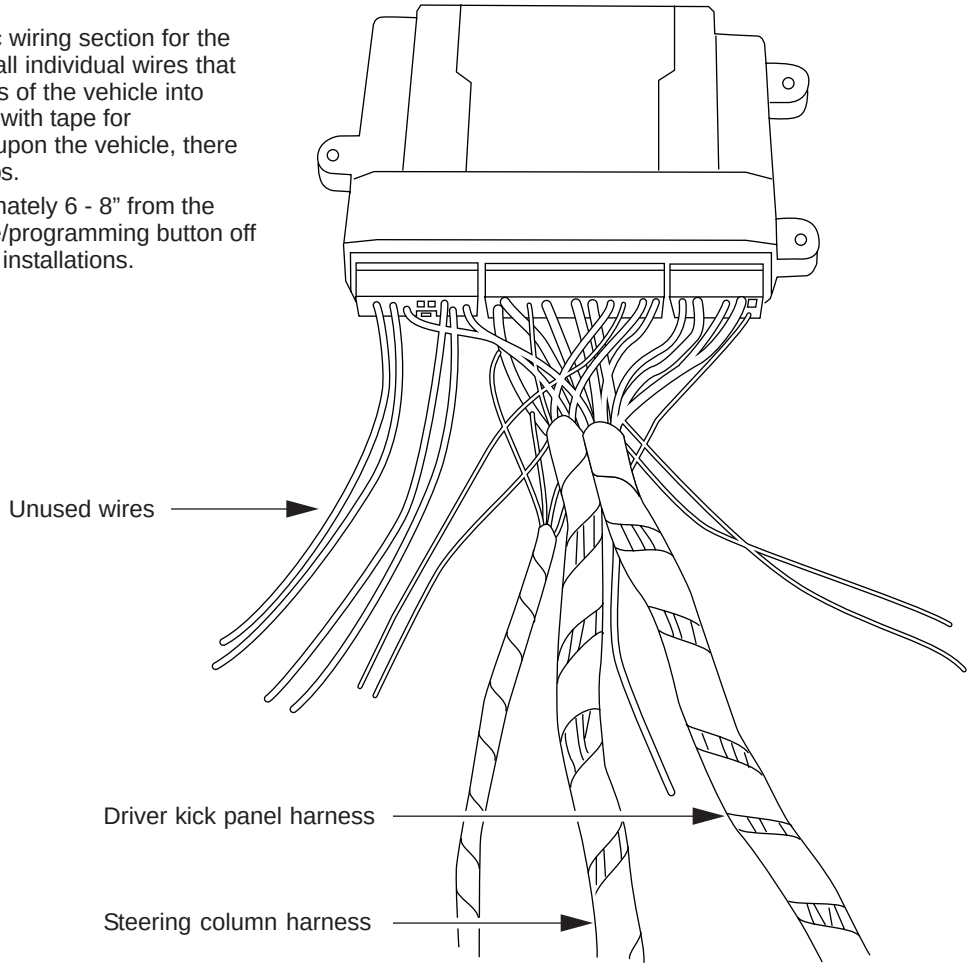


MODULE PREPARATION (Cont't)

4

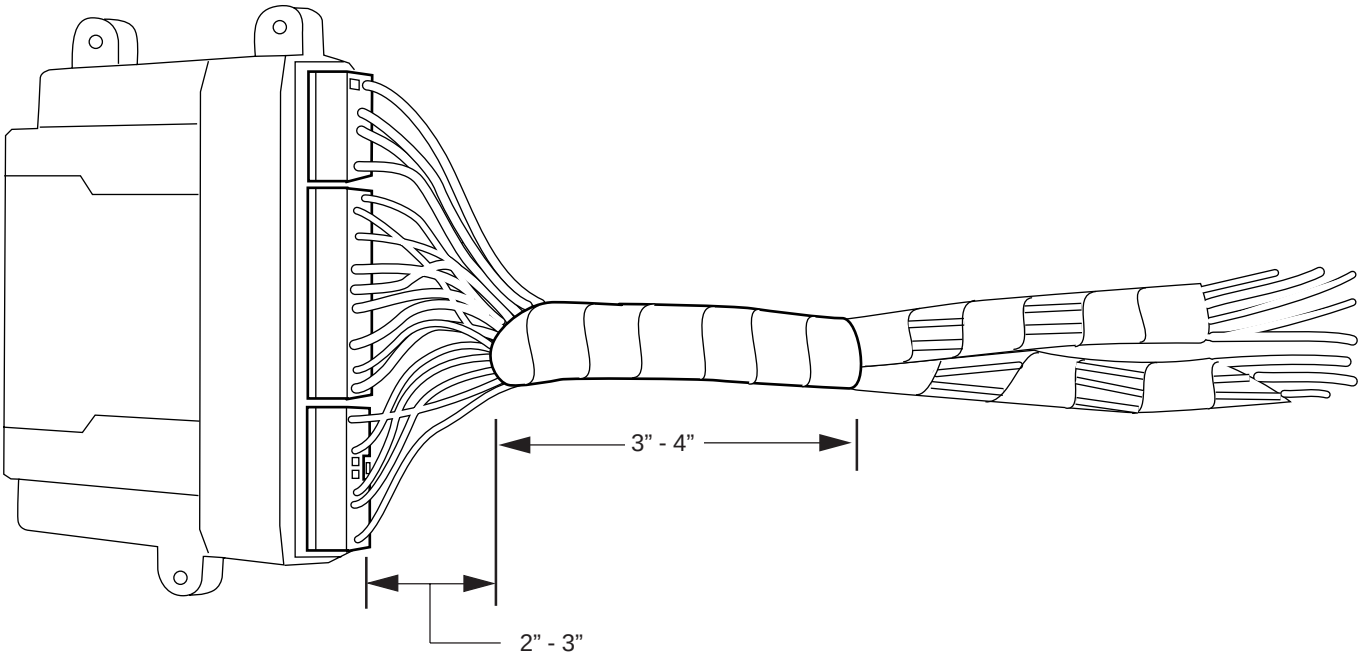
Referring to the vehicle specific wiring section for the system being installed, gather all individual wires that will be routed to the same areas of the vehicle into groups. Cover each wire group with tape for approximately 18". Depending upon the vehicle, there will be 2 - 5 different wire groups.

Trim the unused wires approximately 6 - 8" from the module. Do not cut the override/programming button off of the harness, it is used for all installations.



5

Tape the harness sections together, making sure to cover all of the unused wires.

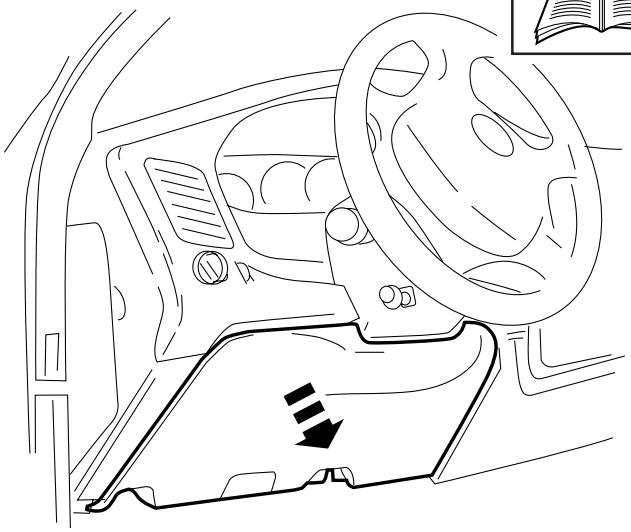


VEHICLE PREPARATION

1

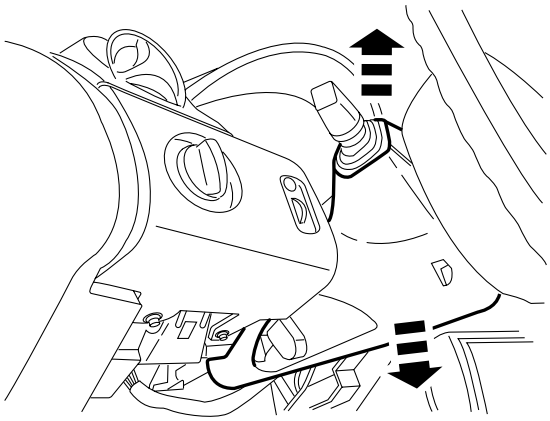
A. To allow access to the necessary vehicle circuits, remove the interior panels as required.

B. Identify the control module mounting location and appropriate vehicle circuit connection points. Plan wire harness routings that will be free and clear of all moving underdash components (i.e. accelerator pedal, adjustable position brake pedal assembly and parking brake mechanism.



2

All models except LS, T-Bird, Escort, Econoline and Super-Duty Pick-ups, remove the steering column shroud to allow access to the PATS transceiver antenna ring around the ignition switch lock cylinder.



3

Test for Factory Perimeter Alarm (vehicles equipped with factory RKE only):

1. Roll down the driver's door window and then close all doors, hood, trunk or hatch;
2. Lock the doors using the factory RKE transmitter;
3. Wait one minute, then reach in the driver door window and open the drivers door (do not unlock doors with the factory RKE remote).

€ If the vehicle's horn begins sounding when the door is opened, the vehicle is equipped with factory perimeter alarm. Unlock the doors with the factory RKE remote to turn off the alarm. In this case, wire the systems factory perimeter alarm disarm wire to the vehicle's perimeter alarm disarm input (See the vehicle specific wiring section). Skip the test for door trim switch disable below.

€ If the horn does not begin sounding when the door is opened, the vehicle is not equipped with factory installed perimeter alarm. Follow the test procedure below for door trim switch disable.

Test for Door Trim Switch Disable option (vehicles equipped with factory RKE only):

1. Roll down the driver door window and close all doors, hood, trunk or hatch;
2. Lock the doors using the factory RKE transmitter;
3. Wait one minute, then reach in the driver door window and press the door trim unlock switch.

€ If the doors unlock, the door trim disable feature is not enabled and no further action is required.

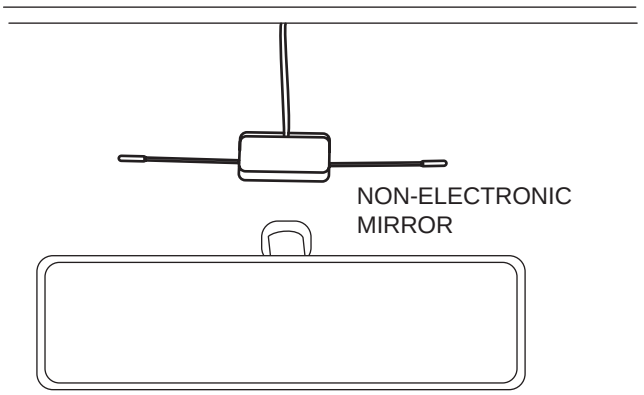
€ If the doors do not unlock, connect the system's factory alarm disarm output as shown in the vehicle specific wiring section or disable the door trim switch disable feature using the NGS or WDS testers.

DIPOLE ANTENNA MOUNTING

1

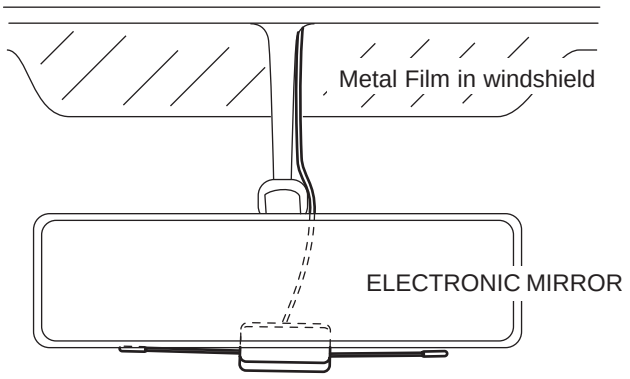
! The optimum operating range for this system is dependant upon proper selection of the mounting location for the Dipole antenna.

- Never mount the antenna behind (or on) any metal film or metal film window tint on the windshield.
- Never mount the antenna so that one of the antenna elements touches or crosses any vehicle wiring and/or metal.
- On vehicles with no metal film in the windshield around the mirror and a non-electronic mirror, mount the di-pole antenna between the headliner and rearview mirror.
- On vehicles equipped with an “Electronic” mirror or vehicles with metal film in the windshield near the mirror, mount the di-pole antenna approximately 3” below the mirrors attachment point to the windshield and/or any mirror electronics;



A. Clean the selected mounting location using a alcohol based glass cleaning solution.

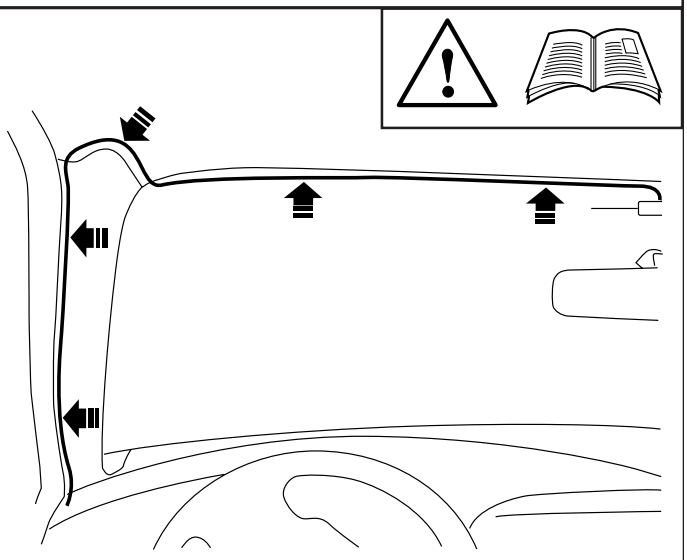
B. Mount the Di-pole antenna as shown. Remove the protective backing from the adhesive. Use care not to touch the adhesive backing. Firmly press on the body of the antenna to ensure good glass to adhesive bond.



2

Route the antenna cable to the control module mounting location. Make sure that the antenna cable is routed free and clear of all moving assemblies such as the emergency brake and/or the adjustable brake pedal assembly.

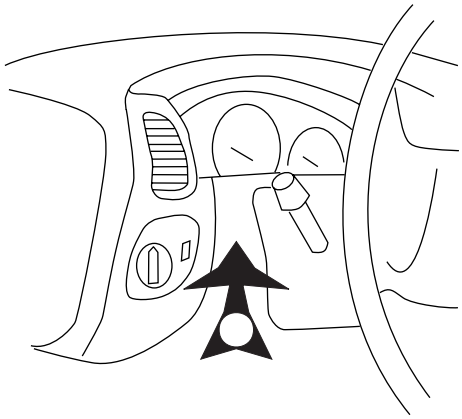
The antenna cable can generally be “tucked” behind the headliner and “A-pillar” trim panel(s) without the need to loosen or remove any of the trim panels. If it is necessary to loosen or remove any of the interior trim panels to run the antenna cable, proceed with caution as these trim pieces are sometimes easily damaged. Also note that some interior trim fasteners are “one-time” use and must be replaced if removed.



STATUS LED

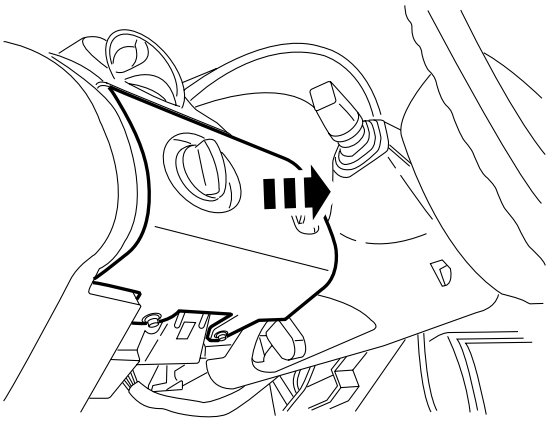
1

Identify a suitable mounting location for the status LED. Make sure that there is at least 3/4” clearance behind the selected mounting location.



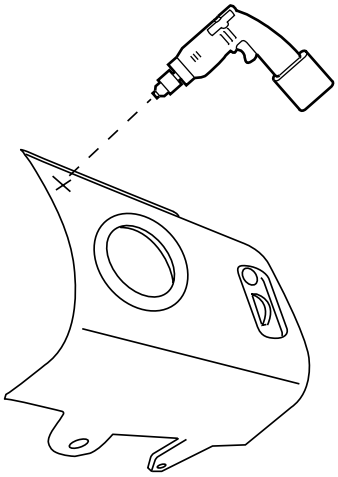
2

If necessary, remove the selected trim panel



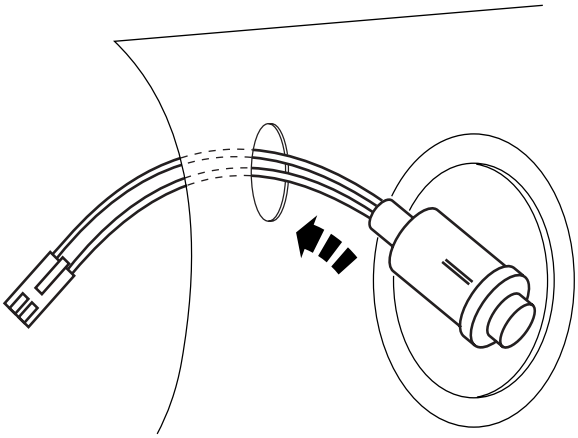
3

Drill a 9/32” mounting hole.



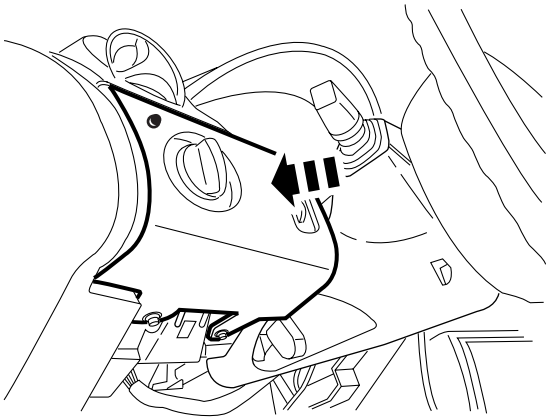
4

Insert status LED into drilled hole.



5

If necessary, reinstall any interior trim panels removed during this procedure.



6

The LED will plug into the main wiring harness during the wiring steps. Make sure to leave the LED pigtail accessible.

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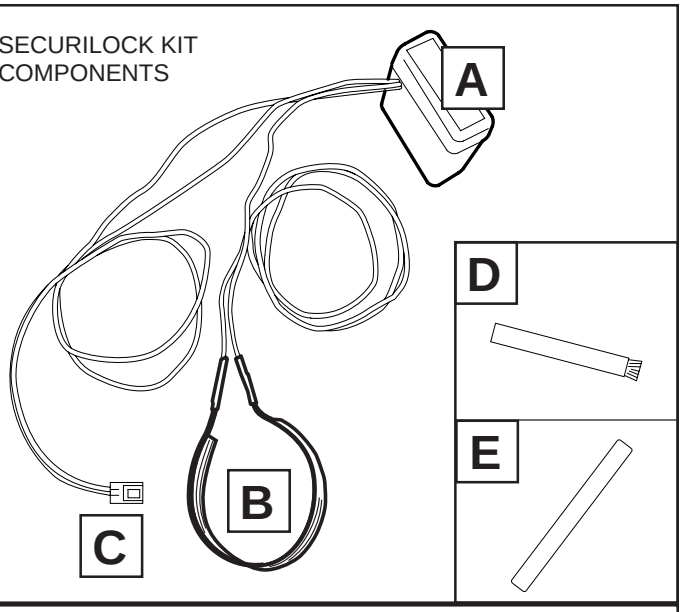
SECURILOCK INTERFACE KITS - 1L2Z-19G365-AB & 1S4Z-19G365-AB

1

Route the loop end of Securilock interface antenna (B) up along steering column to the area around the PATS transceiver antenna coil. Then using the supplied small tie wraps, secure the antenna harness to existing vehicle wiring harnesses along the steering column allowing enough slack for the antenna loop to go around the PATS transceiver antenna.

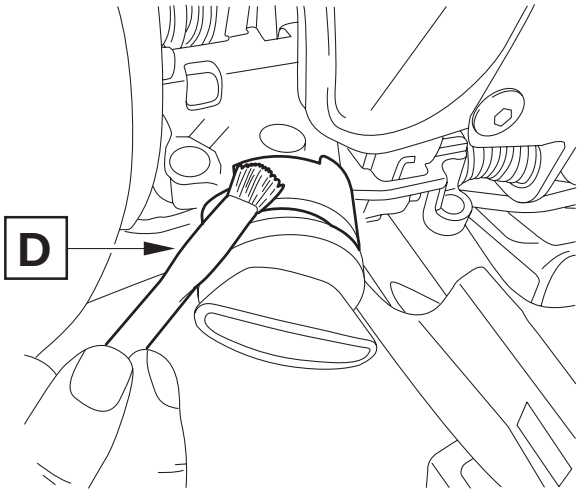
NOTE: On LS and T-Bird, the ignition switch is mounted on the dash to the right of the steering column. On those vehicles, route the securilock interface antenna loop to the ignition switch.

SECURILOCK KIT COMPONENTS



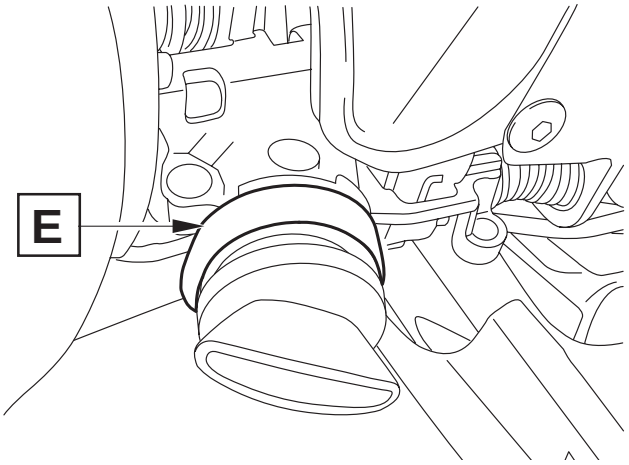
2

Following the directions on the supplied ampule of adhesive primer (D), apply a thin coating primer to entire transceiver antenna coil. Allow the primer to dry for 5 minutes before proceeding with the next step.



3

Remove backing from one side of supplied two-way tape (E) and apply tape around transceiver antenna coil.



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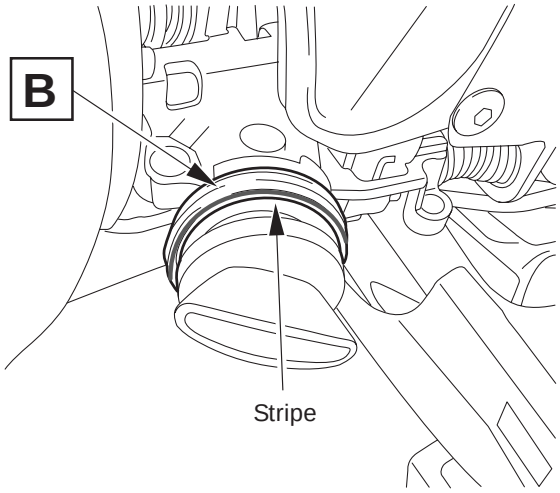
4

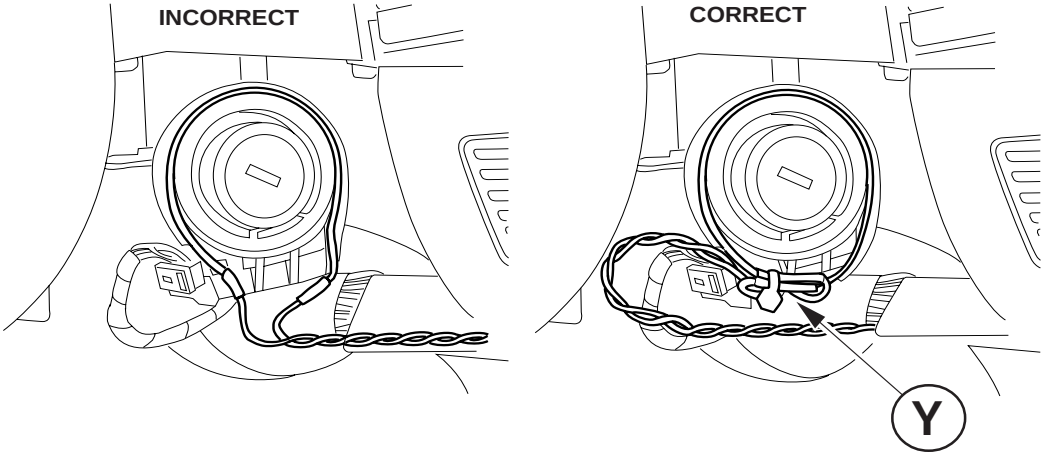
Remove backing on tape (E) and position antenna loop (B) on tape around antenna coil.

Make sure to align stripe (Black or Red) on antenna loop directly over the PATS antenna coil. The antenna is located near the outer edge (key side) of the transceiver housing. Press on antenna loop wire to ensure initial bond between tape and wire.



5

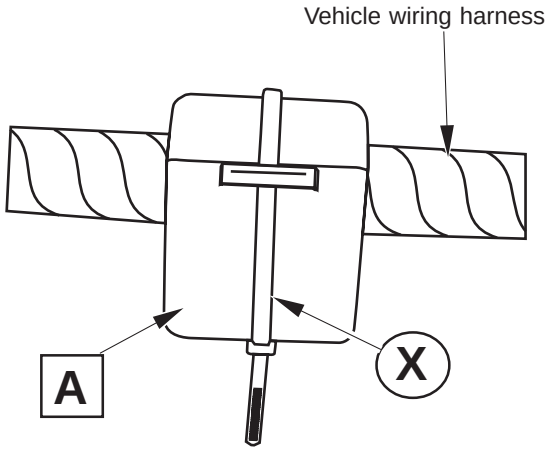
Use a tie wrap (Y) to complete the bottom of the antenna loop as shown. Make sure that the Securilock PATS antenna loop (B) is as close to the PATS antenna as possible.



6

A. Mount the Securilock Interface Module (A) to an underdash wiring harness using one of the supplied long tie wraps (X) as shown. DO NOT mount the Securilock Interface Module: 1) To or within 3" of a metal surface, including any underdash brackets, or 2) In the knee bolster area.

B. Route the harness and connector (C) to module mounting location.



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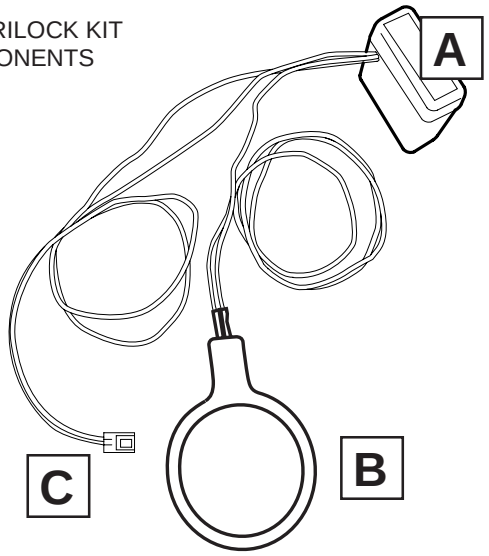
SECURILOCK INTERFACE KIT - 1L3Z-19G365-AB

1

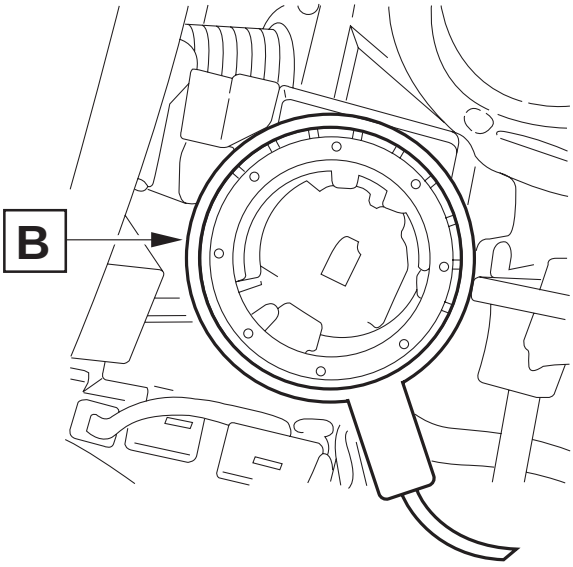
Route the loop end of PATS interface antenna (B) lead up along steering column to area around transceiver antenna coil.

SECURILOCK KIT COMPONENTS



2

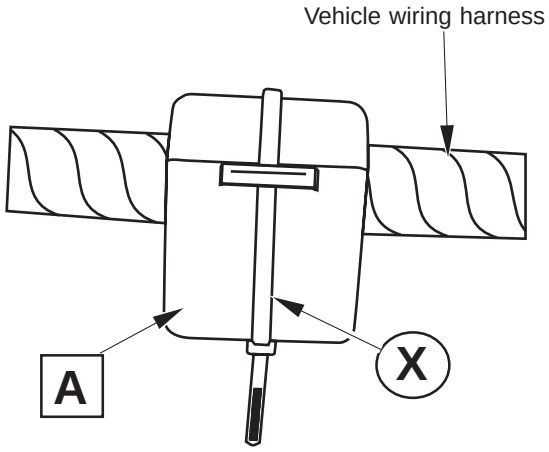
Slip antenna loop (B) over PATS transceiver.



3

A. Mount the Securilock Interface Module (A) to an underdash wiring harness using one of the supplied long tie wraps (X) as shown. DO NOT mount the Securilock Interface Module: 1) To or within 3" of a metal surface, including any underdash brackets, or 2) In the knee bolster area.

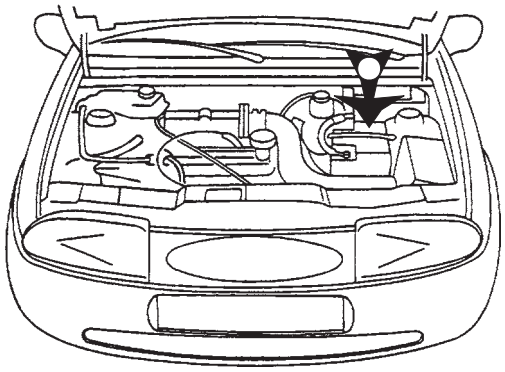
B. Route the harness and connector (C) to module mounting location.



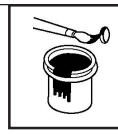
SIREN INSTALLATION

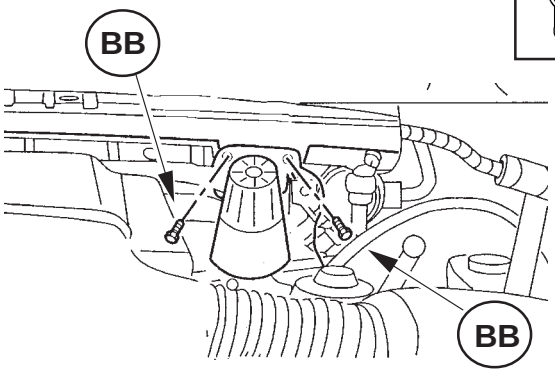
1

Locate a suitable mounting location that away from hot and/or moving vehicle/engine components.



2

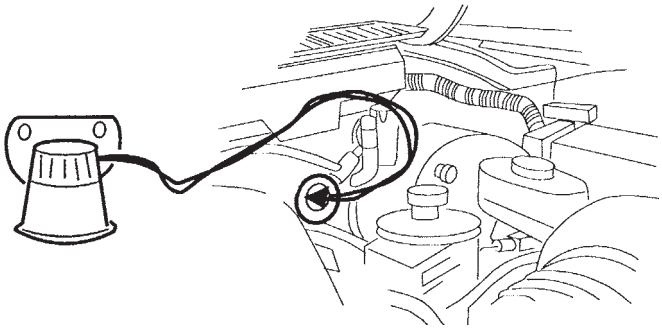




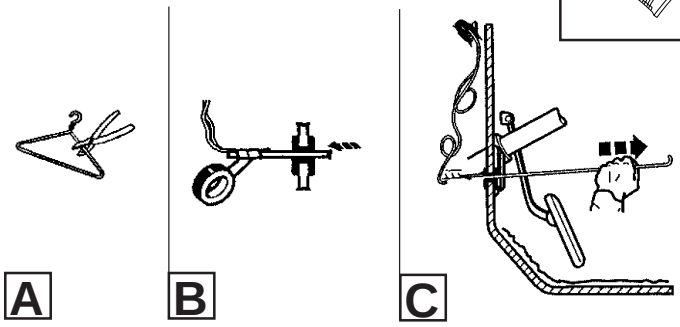
Mount siren using screws provided (BB). Apply rustproofing compound (Super Seal #F3AZ-19515-SA) to drilled holes and mounting screws.

3

Locate a vehicle grommet to route wire through bulkhead panel.



4

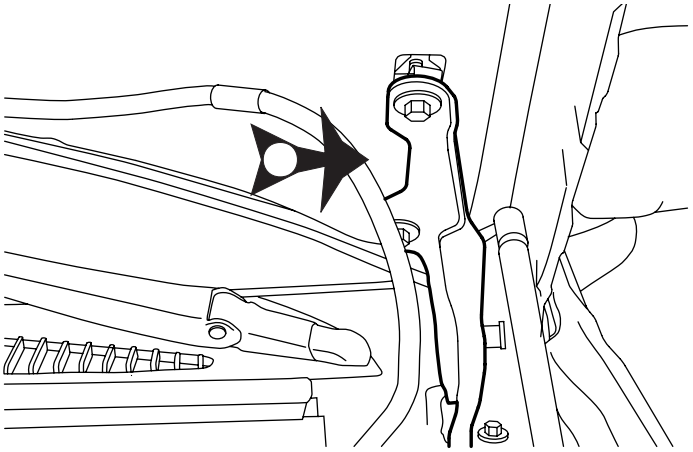


Pass wires into vehicles interior compartment. Use silicone sealer (P/N D6AZ-19562-AA) as necessary to seal grommet.

HOOD TILT SWITCH INSTALLATION

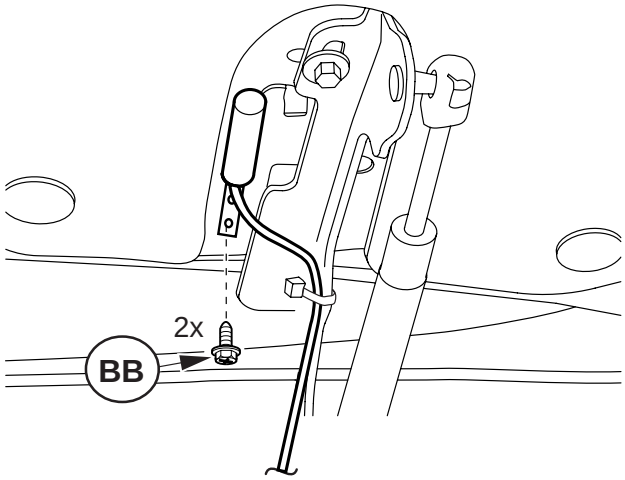
1

Locate an easy to access area near the drivers side hood hinge.



2

Mount the hood safety switch using the supplied sheet metal screws (BB) so that the switch will be biased downward when the hood is closed. Route the wire carefully avoiding any moving parts or excessive heat.

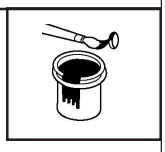


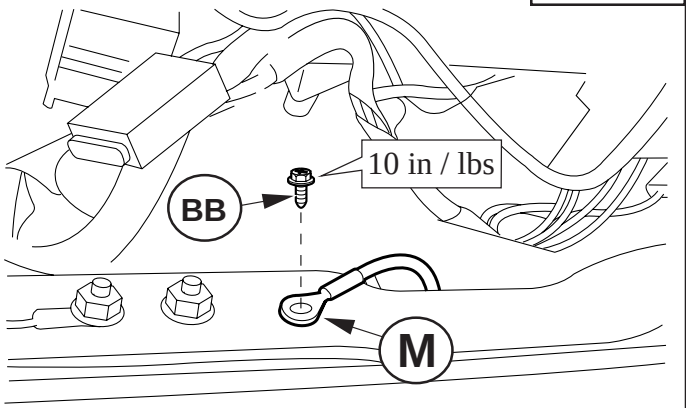
3

Select a proper grounding point and clean surface of paint, grease and dirt. Attach ground lug to connection point using the sheet metal screw provided (BB). Torque ground screw to 10 in / lbs. Apply rustproofing compound (Super Seal #F3AZ-19515-SA) to drilled hole.

Note: Ground connection must be tight and secure. Failure of ground connection can prevent proper operation of system.

The remaining hood switch wire will be connected during the wiring steps. Refer to the siren installation steps for directions on routing this wiring through the bulkhead panel.

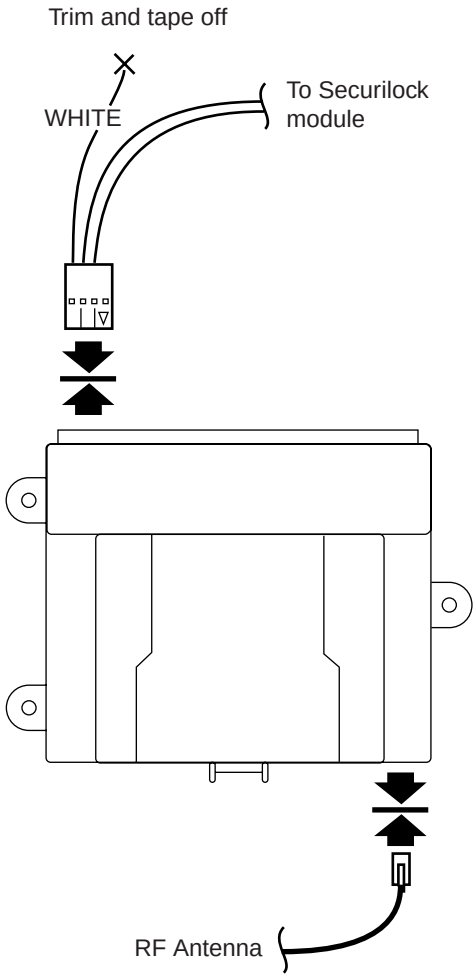




MOUNTING THE CONTROL MODULE

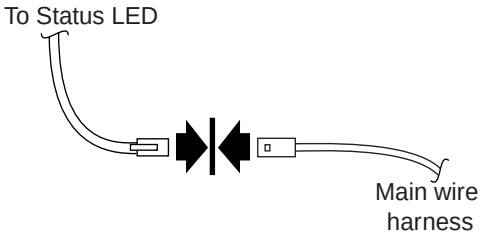
1

Plug the connectors for the Securilock interface and antenna (if not already done) into the control module as shown.



2

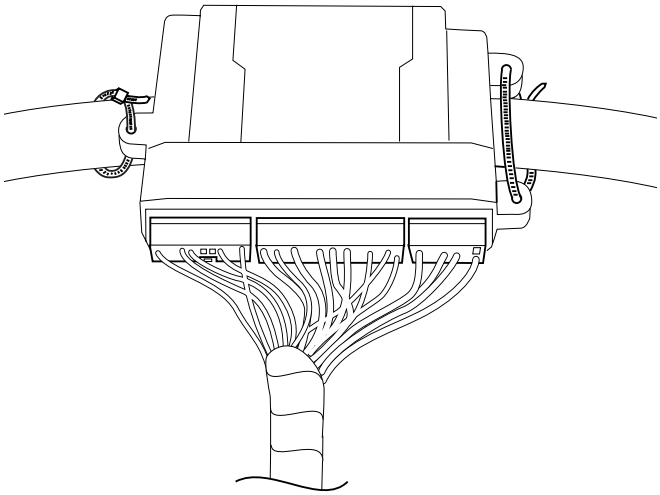
Plug the Status LED into the main wiring harness.



3

A. Using the supplied long tie wraps (X), mount the control module to underdash wiring harnesses and/or dash mounting brackets. Module mounting locations are provided on the last page of the vehicle specific wiring sections. DO NOT mount the control module in the knee bolster area. To ensure best performance of the built-in shock sensor, securely tie wrap the control module at three points to the vehicle.

B. Route the different sections of the wiring harness to the appropriate underdash areas of the vehicle. Neatness in this area is very important in ensuring a quality finished installation. Wherever possible, route the PowerCode system wires along with existing vehicle wiring harnesses and tie wrap the PowerCode wiring harnesses to existing vehicle wiring harnesses.



! Make sure to route the PowerCode system wiring so that it is free and clear of all moving underdash components (i.e. accelerator pedal, adjustable brake pedal assembly and/or parking brake mechanism).

SYSTEM WIRING CONNECTIONS

1

A. Finish routing the systems wiring harnesses to their destination points and secure all system wiring using the supplied tie wraps (Y).

B. Make the wiring connections as shown. Vehicle specific wiring diagrams begin on page 38, or if viewing this document electronically, click here to go there now

Make sure to test each vehicle circuit prior to making any connections - All vehicle wiring is subject to change.

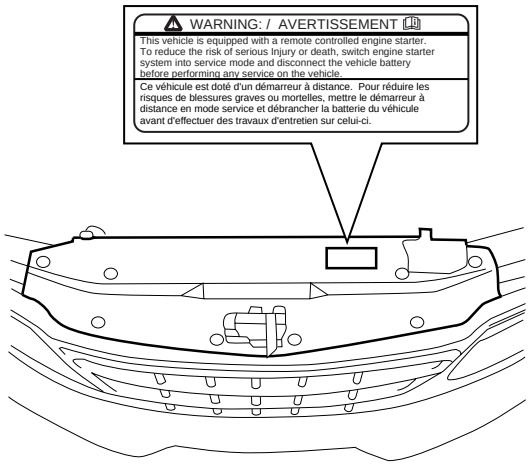
Instructions on proper wiring connection methods and circuit testing can be found in the reference section of this manual.

C. After completing all the system wiring, follow the instructions beginning on the next page to program and test the systems functionality.

NOTE: The system will not function properly if not programmed.

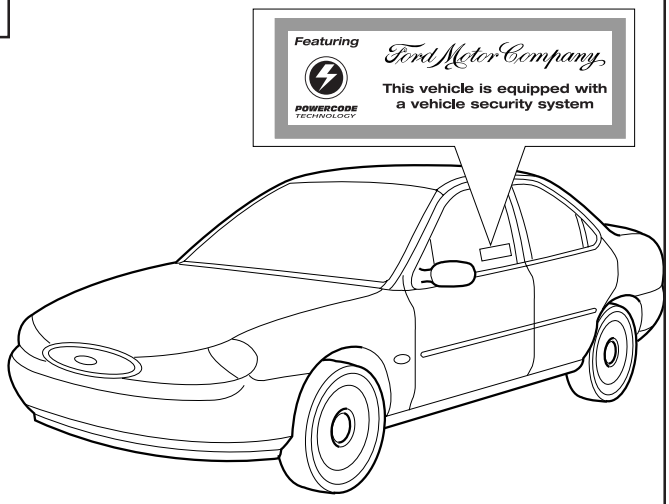
WARNING LABEL INSTALLATION

1



RMST SYSTEMS ONLY - Install the Orange warning label on the radiator shroud (or similar area).

2



VSS SYSTEMS ONLY - Install the window decals on both the driver and passenger side windows.

System Programming Instructions

1

Transmitter programming:

A. Open the driver's door (press and hold in brake pedal on Remote Start only system);

NOTE: On vehicles with negative polarity door trigger circuits (Refer to the vehicle specific programming section), the door is closed during this step unless the door trigger polarity option has been previously changed to negative.

B. Turn the ignition key to the ON or RUN position;

C. Press and hold the programming/override button;
After 10 seconds the horn will chirp 3 times, indicating the system is now in the transmitter learn mode.

D. Release the programming/override button;

E. Press transmitter button 1(on all, except RMST system which is) on the on the remote control transmitter to be programmed.
The horn will chirp one time to indicate that the transmitter has been learned.

Notes:

A. Up to a total of 8 transmitters can be programmed at this time

B. Transmitters shipped with complete kits or personality kits are pre-programmed to the DNA and do not need to be programmed at this time.

C. If the vehicle is equipped with memory seats/functions, the last two transmitters programmed will activate the memory seats/functions.

D. All programmed transmitters can be erased from memory by pressing the door trim switch "unlock button" while in transmitter learn mode (requires that the Disarm input and Unlock sense input wires be connected)

2

Each system has several user programmable options which can be changed to accommodate different vehicle options and/or consumers desires. Virtually every installation will require that some option(s) to be changed. Charts listing the options for each system and the factory default settings are located on the following pages.

Option programming:

A. Follow the instructions above to enter transmitter learn mode;

B. Press and release the programming/override button.
The horn will chirp four times indicating the system has entered the first option bank.

Note:

Depending upon the system that you are working with, there will be anywhere from 2 – 5 option programming banks. Each option bank contains anywhere from 2 – 8 options.

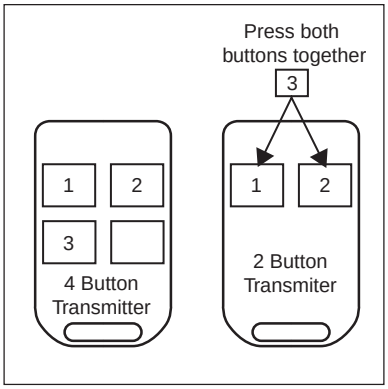
To change the setting of an option (Remote control systems):

A. Press button 3 (see chart to the right) to advance to the desired option (refer to the programming charts on the following pages for the specific system that you are programming;
The horn will chirp a number of times to indicate which option is selected (i.e. Two chirps indicates that option number two has been selected).

B. Press the button 1 to change the setting of the option
The status LED indicates the setting of the option: LED ON indicates that the option is on, LED OFF indicates that the option is off.

Note:

Pressing transmitter button 2 while in any option bank will reset all options, except for the "Installer" options and the shock sensor to their factory settings. The system will respond by chirping the horn 4 times.



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2 CONTINUED

To change the setting of an option (VSS system):

A. Press the door trim "Lock" switch to advance to the desired option (refer to the programming charts on the following pages for the specific system that you are programming;
The horn will chirp a number of times to indicate which option is selected (i.e. Two chirps indicates that option number two has been selected).

B. Press the door trim "Unlock" switch to change the setting of the option
The status LED indicates the setting of the option: LED ON indicates that the option is on, LED OFF indicates that the option is off.

Note:

Pressing the door trim switch "lock button" while in transmitter learn mode will reset all options to their factory default settings, except for the installer options and shock sensor settings. The system will respond by chirping the horn 4 times.

To advance to the next option bank:

A. At any point while in option programming, press and release the programming/override button to advance to the next option bank.
The horn will chirp a number of times, indicating which option bank the system has entered (i.e. 5 chirps indicates that the system is in option programming bank #2. Refer to the option programming chart to correlate the horn chirps to option bank).

3

Shock sensor setting (not applicable to RKE or RKE/RMST systems)

The "Lite-touch" and "Full shock" sensor settings are always the first and second options, respectively, in the first option bank. To change a shock sensor setting, follow these steps:

Remote control systems:

A. Enter option learn mode, option bank 1, as shown in step 2 of this section.

B. Go to option #1 for Lite-touch or option #2 for Full shock.

C. After the desired option is selected, pressing transmitter button 1 will increase sensitivity and pressing transmitter button 2 will decrease sensitivity.
The system will chirp the horn each time a impact is detected that is greater than the current setting while the system is in shock sensor setting mode.

VSS System

A. Make sure that the drivers window is rolled down.

B. Enter option learn mode, option bank 1, as shown in step 2 of this section.

C. Go to option #1 for Lite-touch or option #2 for Full shock.

D. Select the desired option and close all doors.

E. Press the door trim "Unlock" switch to increase sensitivity and pressing the door trim "Lock" switch to decrease sensitivity.
The system will chirp the horn each time a impact is detected that is greater than the current setting while the system is in shock sensor setting mode.

F. Once the desired sensitivity is achieved, open a door to advance to the next option.

All Security Sytems:

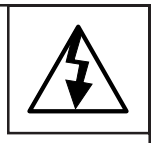
A. The Full trigger shock sensor setting must be set within 10 increments of the least sensative setting and the "lite-touch" setting must be set to within 30 increments of the least sensative setting.

B. Deviation from this setting recomendation introduces the potential of false alarm triggers, due to electrical or mechanical interference.

System Programming Instructions - Remote Start Systems

4

Tach (Idle speed) programming - Remote Start Systems Only



A. Make sure that the hood is closed before proceeding.

B. Enter option learn mode as described in step 2 of this section.

C. € **RKE/VSS/RMST & RKE/RMST** systems - Advance to option bank # 5 (8 chirps)
€ **RMST** system - Advance to option bank #2 (5 chirps) .

D. € **RKE/VSS/RMST & RKE/RMST** system - Advance to option #6;
€ **RMST system** - Advance to option #2.

E. Press and hold in the brake pedal and start the engine using the ignition key.
Allow the engine to settle to a normal idle speed. The system will chirp the horn every three (3) seconds if a valid tach signal is detected.

F. After the engine has settled to a normal idle speed, press and release the programming/override button (the horn will honk four (4) times) and turn the ignition key off.

NOTE: If the system is not chirping the horn every three (3) seconds after the engine has started, the system is not seeing a valid tach signal. Check your tach connection (refer to the appropriate vehicle specific wiring diagram)

5

Securilock (PATS) Interface Programming and Remote Start Operation Test

(two programmed PATS ignition keys are required for this step)

NOTE: This step does not apply to Econoline, SuperDuty Pick-ups and Escort

A. Sitting in the driver seat, be prepared to press the brake pedal to shut down the remote starter system.

B. Using the first key, turn the ignition on, wait for the THEFT light to turn off, then turn the ignition off and remove key from the ignition switch.

C. Using the second key, turn the ignition on, wait for the THEFT light to turn off, then turn the ignition off and remove key from the ignition switch.

D. Activate the remote start function using the PowerCode remote control transmitter.

The system should flash the parking lights and chirp the horn one time, pause for four seconds then start then start the engine.

E. After the engine is started. Press the brake pedal to shutdown the engine.
The Securilock interface is now programmed. If the theft light begins flashing rapidly and/or the engine does not crank or cranks but will not start, refer to the troubleshooting information below.

F. Open the hood.

G. Sitting in driver's seat, be prepared to press the brake pedal, activate the start function.

The system should chirp the horn two (2) times and abort the start sequence.

H. Close the hood.

I. Place ignition key in the ignition cylinder.

J. Again, Sitting in driver's seat, be prepared to press the brake pedal and activate a start sequence.

The system should chirp the horn one (1) time pause four seconds, then chirp the horn two (2) times and abort the start sequence.

! In steps G and J above, the engine MUST NOT start! If the system starts the engine in either steps G or J, check your hood tilt switch installation and key-in-sense connection.

Troubleshooting steps:

A. If the Securilock interface fails to program (theft light flashing), check the following:

When programming the Securilock Interface timing is important, make sure that you:

1. Turn the ignition on with the second key within 5 seconds of the theft light going out on the first key;
2. Engage the remote start within 5 seconds of the theft going out on the second key;
3. Remove the second ignition key before engaging the remote starter.

NOTE: If a third (or more) PATS ignition key has been programmed to the vehicle using either the Ford NGS or WDS programmers, the "Add Key" mode described in the installation manual may have been disabled. If this is the case, use the NGS or WDS programmer to either re-enable the "add key" mode or program the Securilock Interface kit following the NGS or WDS procedure in the vehicle service manual for adding a new PATS key.

B. If the theft light is solid and engine cranks but will not start:

Check all Ignition (Hot through run and crank circuits) and Heater (Run circuits). Make sure that the correct outputs from the PowerCode module are connected to the correct vehicle circuits. Reversing the heater and ignition circuits from the PowerCode system will not permanently damage the vehicle but may cause the remote start function to not work and/or set a PCM error codes (which will cause the check engine light to stay on). If the check engine light stays on, use the NGS or WDS testers to identify which fault code has been set. The fault code will help identify which circuit is not properly connected.

System Programming Instructions - Security/Convenience Function Test

1

Refer to the Operators manual as necessary and check out the following functions. If any of the functions below, fail to operate, first refer to the vehicle specific wiring diagrams and check the wiring and system programming.

Convenience Functions

- ☐ All Door Lock / All Door Unlock
- ☐ Driver door unlock (if installed)
- ☐ Parking light flash
- ☐ Trunk or hatch release
- ☐ Illuminated entry
- ☐ Ignition triggered lock/unlock (if enabled)
- ☐ Illuminated exit
- ☐ Panic alarm
- ☐ Memory Seat activation (if equipped)
- ☐ Power Side Sliding door activation (if equipped - Windstar only)
- ☐ Power Tonneau cover activation (Blackwood only)
- ☐ Express window down (LS only)
- ☐ Headlight illumination (if installed)

Security Functions

- ☐ Security System Arm / Disarm
  - ☐ Using PowerCode remote control transmitters
  - ☐ Using Factory RKE Keyfobs
  - ☐ Verify interior door trim unlock switch DOES NOT disarm system
- ☐ All entry points trip alarm cycle
- ☐ Status indicator flashes when armed
- ☐ Siren (if installed)
- ☐ Shock sensor settings (lite-touch & full shock)

Remote start convenience functions

- ☐ Heater & A/C operation during remote start
- ☐ Rear defroster (if installed)

Remote start safety functions

- ☐ No remote start activation with the ignition key inserted into the ignition switch
- ☐ No remote start activation with the vehicle's hood open
- ☐ No remote start activation with the vehicle's brake pedal depressed

SECURILOCK INTERFACE AND RELAY APPLICATION CHART

Note: Application information is also located in the vehicle specific wiring section

Model Year / Model 2002	Securilock Interface Kit	Relay Requirements			
		Headlight	Rear Defroster	Driver Door Unlock	Other
Crown Victoria/Grand Marquis	1L3Z-19G365-AB			1	E, F
Econoline	Not Equipped	1		1	
Escort	Not Equipped			1	
Escape	1S4Z-19G365-AB		1	1	
F-150 (Includes Supercrew)	1L3Z-19G365-AB	1		1	E
F-250/350 (Super-Duty)	Not Equipped	1		1	A, E
Expedition/Navaigator	1L3Z-19G365-AB	1		1	B
Excursion	1L3Z-19G365-AB	1		1	A
LS-6/8	1S4Z-19G365-AB			1	
Focus	1S4Z-19G365-AB	1		1	A
Mustang	1L3Z-19G365-AB	1	1	1	
Ranger	1L2Z-19G365-AB	1		1	
Explorer/Mountaineer	1L2Z-19G365-AB	1		1	B
Explorer Sport/Sport Trac	1L2Z-19G365-AB	1	1	1	
Town Car	1L3Z-19G365-AB			1	B, F
Taurus/Sable	1L2Z-19G365-AB	1		1	
Windstar	1L2Z-19G365-AB			1	
T-Bird	1S4Z-19G365-AB			1	
2003					
Aviator	1L2Z-19G365-AB	1		1	D
Crown Victoria/Grand Marquis	1L2Z-19G365-AB			1	E,F
Econoline	Not Equipped	1		1	
Escort	Not Equipped			1	
Escape	1S4Z-19G365-AB			1	
F-150 (Includes Supercrew)	1L3Z-19G365-AB	1		1	E
F-250/350 (Super-Duty)	Not Equipped	1		1	A, E
Expedition/Navaigator	1L2Z-19G365-AB	1		1	
Excursion	1L3Z-19G365-AB	1		1	A
LS-6/8	1L2Z-19G365-AB	1		1	C
Focus	1S4Z-19G365-AB	1		1	A
Mustang	1L3Z-19G365-AB	1	1	1	
Ranger	1L2Z-19G365-AB	1		1	
Explorer/Mountaineer	1L2Z-19G365-AB	1		1	B
Explorer Sport/Sport Trac	1L2Z-19G365-AB	1	1	1	
Town Car	1L2Z-19G365-AB			1	B, F
Taurus/Sable	1L2Z-19G365-AB	1		1	
Windstar	1L2Z-19G365-AB			1	
T-Bird	1L2Z-19G365-AB			1	

Relay's are available by ordering part numbers:
Single: YL3Z-19G390-AA
10 Pack:YL3Z-19G390-BA

A - Trim switchdisable, requires 1 relay
B - Memory seats, requires 2 relays
C - Parking lights, requires 1 relay
D - Key latch release - 1 relay
E- Door Lock/Unlock, requires 2 relays for vehicles w/o factory RKE
F- Remote Start Systems requires 2 relays

SECURILOCK INTERFACE AND RELAY APPLICATION CHART

Note: Application information is also located in the vehicle specific wiring section

Model Year / Model	Securilock	Relay Requirements			
2004	Interface Kit	Headlight	Rear Defroster	Driver Door Unlock	Other
Aviator	1L2Z-19G365-AB			1	D
Crown Victoria/Grand Marquis	1L2Z-19G365-AB				E, F
Econoline	Not Equipped	1		1	E, G
Escape	1S4Z-19G365-AB			1	
F-150 (Classic Body)	1L3Z-19G365-AB	1		1	E
F-150 (New Body)	1L2Z-19G365-AB	1		1	
F-250/350 (Super Duty)	Not Equipped	1		1	A, E, G
Expedition/Navaigator	1L2Z-19G365-AB	1		1	
Excursion	1L3Z-19G365-AB	1		1	A, G
LS-6/8	1L2Z-19G365-AB				C
Focus	1S4Z-19G365-AB	1		1	A
Freestar/Monterey	1L2Z-19G365-AB		1	1	C
Mustang	1L3Z-19G365-AB	1	1	1	
Ranger	1L2Z-19G365-AB	1		1	
Explorer/Mountaineer	1L2Z-19G365-AB	1		1	
Explorer Sport/Sport Trac	1L2Z-19G365-AB	1	1	1	
Town Car	1L2Z-19G365-AB			1	B, F
Taurus/Sable	1L2Z-19G365-AB	1		1	
T-Bird	1L2Z-19G365-AB			1	
2005					
Aviator	1L2Z-19G365-AB	1		1	D
Crown Victoria/Grand Marquis	1L2Z-19G365-AB			1	E
Econoline	Not Equipped	1		1	E, G
Escape	1L2Z-19G365-AB			1	
F-250/350 (Super Duty)	Not Equipped	1		1	A, E, G
F-150 (New Body)	1L2Z-19G365-AB	1		1	
Expedition/Navigator	1L2Z-19G365-AB	1		1	
Excursion	1L3Z-19G365-AB	1		1	A, G
Five Hundred/Freestyle	1L2Z-19G365-AB			1	
Focus	1S4Z-19G365-AB	1		1	A
Freestar/Monterey	1L2Z-19G365-AB	1	1	1	C
LS-6/8	1L2Z-19G365-AB				C
Mustang (New)	1L2Z-19G365-AB			1	
Explorer/Mountaineer	1L2Z-19G365-AB	1		1	
Explorer Sport/Sport Trac	1L2Z-19G365-AB	1	1		
Ranger	Not Equipped	1		1	
T-Bird	1L2Z-19G365-AB			1	
Town Car	1L2Z-19G365-AB			1	B
Taurus/Sable	1L2Z-19G365-AB	1		1	

Relay's are available by ordering part numbers:
Single: YL3Z-19G390-AA
10 Pack:YL3Z-19G390-BA

A - Trim switchdisable, requires 1 relay
B - Memory seats, requires 2 relays
C - Parking lights, requires 1 relay
D - Key latch release - 1 relay
E- Door Lock/Unlock, requires 2 relays for vehicles w/o factory RKE
F- Remote Start Systems requires 2 relays
G- Tach Inverter required for vehicles with 6.0Liter diesel engines

RKE/VSS/RMST OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Lite-touch adjustment

2 – Full shock adjustment

3 – Optional alarm disable
Disables security functionality. ..... Off

4 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off

5 – Passive arming
Security system activates 1 minutes after key off event. ..... Off

6 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off

7 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

8 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off

2 – Ignition lock
All doors lock when ignition key is turned to on (run). ..... Off

3 – Ignition unlock
All doors are unlocked when ignition key is turned to off. ..... Off

4 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off

5 – Illuminated exit
Activates dome light output for one minute when ignition key is turned off ..... On

6 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

7 – Noise control
Limits alarm trips to 5 per zone ..... On

8 – Factory RKE system does not arm alarm
Prevents factory RKE from arming security system. Still allows
factory RKE to disarm security system. ..... Off

Option Bank 3 – 6 chirps — Factory setting

1 – Tach diagnostic mode
This feature should only be used for troubleshooting purposes only!
Car start function ignores tach input and cranks starter one time for one second.
WARNING – Over rev and stall detection is disabled when this option is enabled. ..... Off

2 – Car start run time
LED On – 15 minutes, LED Off – 10 minutes ..... Off

3 – Lock after start
(Re)locks doors after remote start. ..... Off

4 – One button start
Activates remote start by press and hold of start button. ..... Off

5 – Diesel timer
Delays crank attempt 30 seconds after ignition on. ..... Off

6 – Aux2 is Rear Defrost output
Aux2 output can only be activated after remote start. ..... On

Option Bank 4 – 7 chirps

1 – Aux1 (Headlight) time
LED On – 20 seconds, LED Off – .5 seconds ..... On (20 sec.)

2 – Aux2 (Rear defroster) time
LED On – 10 minutes, LED Off – .5 seconds ..... Off (.5 sec.)

3 – Aux3 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)

4 – Aux4 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)

5 – Aux4 remapped to Aux1
Switches headlight output to AUX functionality, controlled by pressing Find/Panic & Start buttons simultaneously. ..... Off

Option Bank 5 – 8 chirps

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

2 – Unlock sense polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

3 – Key-in sense polarity
LED On – Positive, LED Off – Negative ..... Off (Negative)

4 – Entry delay
5 Second entry delay. Used for vehicles with external door mounted RKE keypads ..... Off

5 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

6 – Learn tachometer
With hood open or brake pedal pressed start engine. System will chirp horn every five seconds if a valid tach signal is present.

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RKE/RMST OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off

2 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off

3 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

4 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off

2 – Ignition lock
All doors lock when ignition key is turned to on (run). ..... Off

3 – Ignition unlock
All doors are unlocked when ignition key is turned to off. ..... Off

4 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off

5 – Illuminated exit
Activates dome light output for one minute when ignition key is turned off ..... On

6 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

7 – Factory RKE system does not arm alarm
Prevents factory RKE from arming security system. Still allows
factory RKE to disarm security system. ..... Off

Option Bank 3 – 6 chirps — Factory setting

1 – Tach diagnostic mode
This feature should only be used for troubleshooting purposes only!
Car start function ignores tach input, cranks starter one time for one second.
WARNING – Over rev and stall detection is disabled. ..... Off

2 – Car start run time
LED On – 15 minutes, LED Off – 10 minutes ..... Off

3 – Lock after start
(Re)locks doors after remote start. ..... Off

4 – One button start
Activates remote start by press and hold of start button. ..... Off

5 – Diesel timer
Delays crank attempt 30 seconds after ignition on. ..... Off

6 – Aux2 is Rear Defrost output
Aux2 output can only be activated after remote start. ..... On

RKE/RMST OPTION CHART (Cont't)

Option Bank 4 – 7 chirps

1 – Aux1 (Headlight) time
LED On – 20 seconds, LED Off – .5 seconds ..... On (20 sec.)

2 – Aux2 (Rear defroster) time
LED On – 10 minutes, LED Off – .5 seconds ..... Off (.5 sec.)

3 – Aux3 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)

4 – Aux4 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)

5 – Aux4 remapped to Aux1
Switches headlight output to AUX functionality, controlled by pressing Find/Panic & Start buttons simultaneously. ..... Off

Option Bank 5 – 8 chirps

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

2 – Unlock sense polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

3 – Key-in sense polarity
LED On – Positive, LED Off – Negative ..... Off (Negative)

4 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

5 – Learn tachometer
With hood open or brake pedal pressed start engine. System will chirp horn every five seconds if a valid tach signal is present.

RMST OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

2 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

3 – Tach diagnostic mode
This feature should only be used for troubleshooting purposes only!
Car start function ignores tach input, cranks starter one time for one second.
WARNING – Over rev and stall detection is disabled. ..... Off

4 – Car start run time
LED On – 15 minutes, LED Off – 10 minutes ..... Off

5 – One button start
Activates remote start by press and hold of start button. ..... Off

6 – Diesel timer
Delays crank attempt 30 seconds after ignition on. ..... Off

Option Bank 2 – 5 chirps — Factory setting

1 – Key-in sense polarity
LED On – Positive, LED Off – Negative ..... Off (Negative)

2 – Learn tachometer
With hood open or brake pedal pressed start engine. System will chirp horn every five seconds if a valid tach signal is present.

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Deluxe RKE/VSS OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Lite-touch adjustment
2 – Full shock adjustment
3 – Optional alarm disable
Disables security functionality. ..... Off
4 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off
5 – Passive arming
Security system activates 1 minutes after key off event. ..... Off
6 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off
7 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On
8 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off
2 – Ignition lock
All doors lock when ignition key is turned to on (run). ..... Off
3 – Ignition unlock
All doors are unlocked when ignition key is turned to off. ..... Off
4 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off
5 – Illuminated exit
Activates dome light output for one minute when ignition key is turned off ..... On
6 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On
7 – Noise control
Limits alarm trips to 5 per zone ..... On
8 – Factory RKE system does not arm alarm
Prevents factory RKE from arming security system. Still allows
factory RKE to disarm security system. ..... Off

Option Bank 3 – 6 chirps — Factory setting

1 – Aux1 (Headlight) time
LED On – 20 seconds, LED Off – .5 seconds ..... On (20 sec.)
2 – Aux3 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)
3 – Aux4 time
LED On – .5 seconds, LED Off – Time held ..... On (.5 sec.)
4 – Aux4 remapped to Aux1
Switches headlight output to AUX functionality, controlled by pressing
Find/Panic & Headlight buttons simultaneously. ..... Off

Option Bank 4 – 7 chirps

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)
2 – Unlock sense polarity
LED On – Positive, LED Off – Negative ..... On (Positive)
3 – Entry delay
5 Second entry delay. Used for vehicles with external door mounted RKE keypads ..... Off
4 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

RKE/VSS & VSS OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Lite-touch adjustment

2 – Full shock adjustment

3 – Optional alarm disable
Disables security functionality. ..... Off

4 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off

5 – Passive arming
Security system activates 1 minutes after key off event. ..... Off

6 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off

7 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

8 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off

2 – Ignition lock
All doors lock when ignition key is turned to on (run). ..... Off

3 – Ignition unlock
All doors are unlocked when ignition key is turned to off. ..... Off

4 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off

5 – Illuminated exit
Activates dome light output for one minute when ignition key is turned off ..... On

6 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

7 – Noise control
Limits alarm trips to 5 per zone ..... On

8 – Factory RKE system does not arm alarm
Prevents factory RKE from arming security system. Still allows
factory RKE to disarm security system. ..... Off

Option Bank 3 – 6 chirps — Factory setting

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

2 – Unlock sense polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

3 – Entry delay
5 Second entry delay. Used for vehicles with external door mounted RKE keypads ..... Off

4 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

RKE OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Lite-touch adjustment

2 – Full shock adjustment

3 – Optional alarm disable
Disables security functionality. ..... Off

4 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off

5 – Passive arming
Security system activates 1 minutes after key off event. ..... Off

6 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off

7 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

8 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off

2 – Ignition lock
All doors lock when ignition key is turned to on (run). ..... Off

3 – Ignition unlock
All doors are unlocked when ignition key is turned to off. ..... Off

4 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off

5 – Illuminated exit
Activates dome light output for one minute when ignition key is turned off ..... On

6 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

7 – Noise control
Limits alarm trips to 5 per zone ..... On

Option Bank 3 – 6 chirps — Factory setting

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

2 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

LOT MODE ONLY OPTION CHART

Option Bank 1 – 4 chirps — Factory setting

1 – Lite-touch adjustment

2 – Full shock adjustment

3 – Optional alarm disable
Disables security functionality. ..... Off

4 – Passive starter Interrupt
Starter interrupt activates 1 minutes after key off event. ..... Off

5 – Passive arming
Security system activates 1 minutes after key off event. ..... Off

6 – Passive door locks
All doors lock automatically 1 minutes after key off event. ..... Off

7 – Selectable chirps
Enables arming/disarming confirmation chirps (uses horn). ..... On

8 – Silent choice
On – Confirmation chirp on second press of transmitter button
Off – Confirmation chirp on first press of transmitter button.
Requires option #7 (above) to be ON. ..... On

Option Bank 2 – 5 chirps — Factory setting

1 – Drivers door priority unlock
Drivers door only unlocks on first press of Disarm/Unlock,
All doors unlock on second press within 5 seconds. ..... Off

2 – Delayed door lock
Waits 3 seconds after key on event before activating ignition locked.
Used on vehicles with theater dimming interior lights. ..... Off

3 – Horn used for alarm
Horn sounds during alarm/panic cycles ..... On

4 – Noise control
Limits alarm trips to 5 per zone ..... On

Option Bank 3 – 6 chirps — Factory setting

1 – Blind Crank
Car start function ignores tach input, cranks starter one time for one second.
WARNING – Over rev and stall detection is disabled. ..... Off

2 – Car start run time
LED On – 15 minutes, LED Off – 10 minutes ..... Off

3 – Lock after start
(Re)locks doors after remote start. ..... Off

4 – One button start
Activates remote start by press and hold of start button. ..... Off

5 – Diesel timer
Delays crank attempt 30 seconds after ignition on. ..... Off

Option Bank 4 – 7 chirps — Factory setting

1 – Door trigger polarity
LED On – Positive, LED Off – Negative ..... On (Positive)

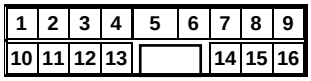
3 – Key-in sense polarity
LED On – Positive, LED Off – Negative ..... Off (Negative)

5 – Use trunk relay as Driver door unlock
Switches Trunk release and Drivers door unlock outputs ..... Off

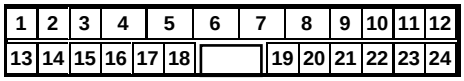
6 – Learn tachometer
With hood open or brake pedal pressed start engine. System will chirp horn every five seconds if a valid tach signal is present.

WIRING HARNESS LEGEND

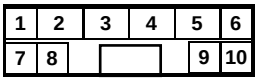
EXTENDED FUNCTION



MAIN HARNESS



CAR START



WIRE END VIEWS

Main Harness (24-way)

Terminal	Wire Color	Function
A-1	WHITE	Parking Light Output
A-2	BLUE	Door Lock Output
A-3	BLACK/WHITE	Dome Light Output
A-4	RED	Battery
A-5	BLACK	Ground
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-9	BROWN	Disarm Input
A-10	YELLOW/WHITE	Door Trigger Input Pull-up
A-11	WHITE/BLUE	Arm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-13	TAN	Trunk Release/Driver Door Unlock Release Output
A-14	GREEN	Door Unlock Output
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-17	BROWN	Programming/Override Button
A-18	BROWN	Programming/Override Button
A-19	GRAY	Hood Open Switch Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output
A-22	RED	LED
A-23	BLACK	LED
A-24	BLUE/GREEN	(-) Drivers Door Unlock/Trunk release Output

Car Start Harness (10-way)

Terminal	Wire Color	Function
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
B-6	Open	-
B-7	BROWN	Brake Input
B-8	BLACK/WHITE	Key-in-sense Input
B-9	VIOLET/WHITE	Tach Sense Input
B-10	BLUE/BLACK	Active Out

Extended Function Harness (16-way)

Terminal	Wire Color	Function
C-1	BLUE/BLACK	Door Lock Switch Input
C-2	BLACK/GREEN	AUX 3
C-3	GREEN/BLACK	Door Unlock Switch Input
C-4	LT.GREEN/BLACK	Factory Perimeter Alarm Disarm Output
C-5	Open	-
C-6	Open	-
C-7	BROWN/TAN	Trunk Release Disarm Input
C-8	BLUE	Trunk Ajar Input
C-9	TAN/RED	Trunk Release/Driver Door Unlock Switch Input
C-10	RED/WHITE	Headlight Output / AUX 1
C-11	BLUE/WHITE	Rear Defroster Output / AUX 2
C-12	GREEN/WHITE	Memory 1 Output
C-13	YELLOW/GREEN	Memory 2 Output
C-14	Open	-
C-15	Open	-
C-16	Open	-

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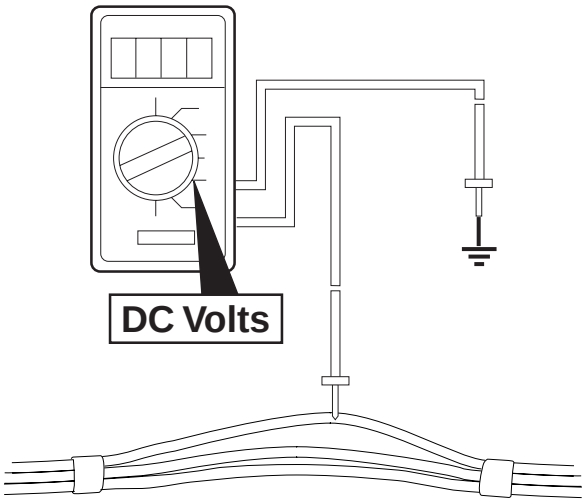
Circuit Testing - Identifying Circuit Polarity

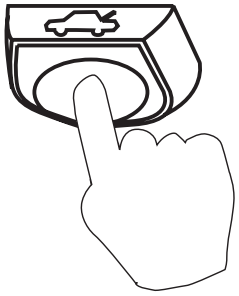
1

Digital Volt Meter (DVM) set to “DC Volts”.
Negative lead (Black) connected to a chassis ground.
Positive lead (Red) connected to circuit under test.
Observe reading from meter.



2

Actuate the circuit under test.



3

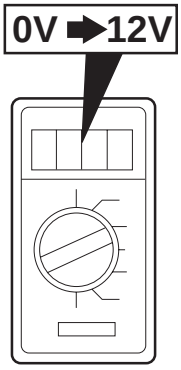
Observe reading from meter.

A reading of 0V transiting to +12V when the switch is pressed, indicates that the circuit under test is a **Positive** polarity circuit.

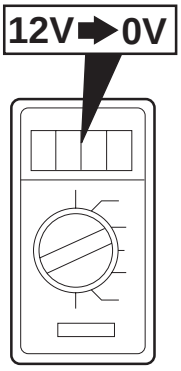
A reading of +12V transiting to 0V when the switch is pressed, indicates that the circuit under test is a **Negative** polarity circuit.

!

NOTE: When testing a Negative polarity circuit, the stand by voltage will not always be +12V. In some cases the reading observed prior to actuating the circuit could be less than one (1) volt. However, when actuated the observed voltage will be 0V or very close to it.



POSITIVE POLARITY CIRCUIT



NEGATIVE POLARITY CIRCUIT

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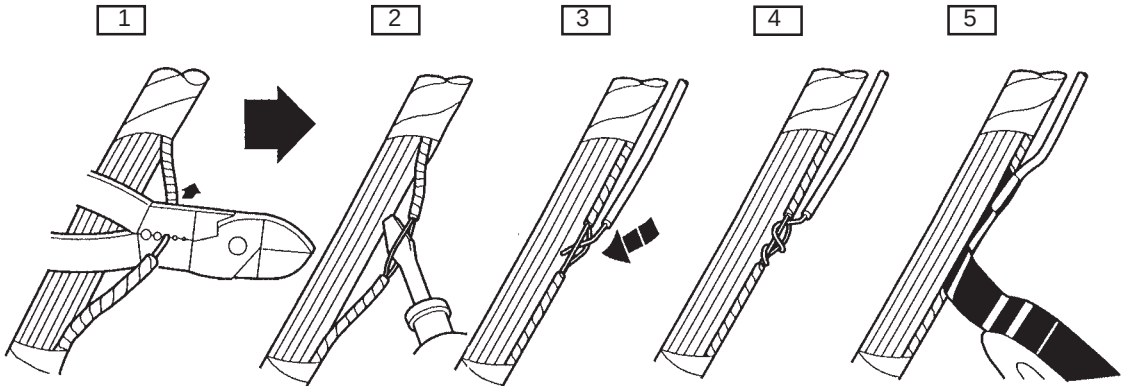
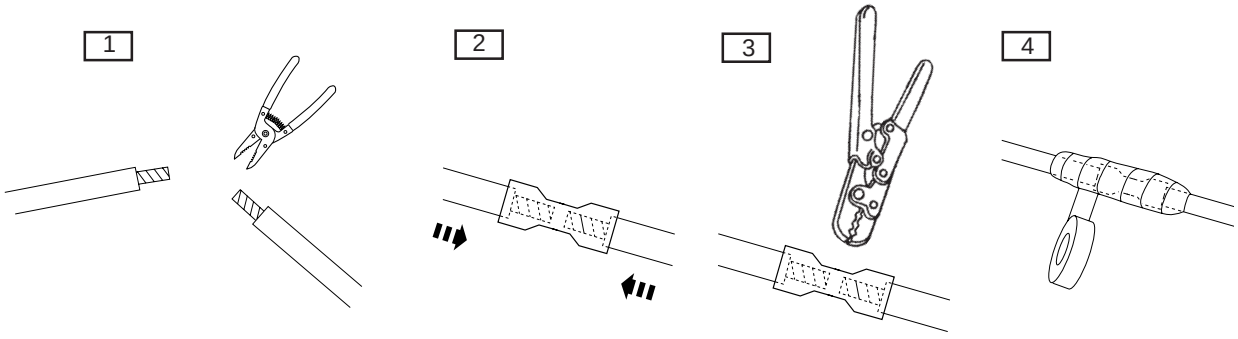
1 Wire splice procedure



2 Butt splice procedure



VEHICLE SPECIFIC WIRING DIAGRAMS

1

This section presents Vehicle/Product specific wiring diagrams are provided for all systems. The diagrams are organized by vehicle (Year/Model) and by Product. For example, to find a specific wiring diagram for installing a RKE/VSS/RMST system in a 2002 Explorer Sport:

1. In the Bookmarks pane, click on the "+" symbol to the left of the bookmark for "2002MY".
2. Click on the "+" symbol to the left of the bookmark for for "Explorer Sport/Sport Trac.
3. Select the system that you are installing in the links revealed under Explorer Sport/Sport Trac.
4. Then using the ◄ ► buttons in the Acrobat toolbar, you can view the individual pages in the drawing.

2

(A) Title block:

Box 1: Lists applicable vehicle(s) by year/make/model;

Box 2: Lists any vehicle trim level or special equipment required on the vehicle. This will generally be: ALL, w/Factory RKE or w/o Factory RKE. Note: If you are working on a vehicle with factory RKE, a drawing that lists "w/o RKE" in this box does not apply to this installation. Conversely, if you are working on a vehicle without factory RKE, disregard the drawings listing "w/Factory RKE" in this box.;

Box 3: Lists the system or systems covered by this drawing (System name --> Short name used in title block);
- Remote Start System with Deluxe Vehicle Security and Keyless Entry —> RKE/VSS/RMST
- Remote Start System with Keyless Entry —> RKE/RMST
- Remote Start System —> RMST
- Deluxe Vehicle Security System with Keyless Entry —> Deluxe RKE/VSS (shown in graphic below)
- Vehicle Security System with Keyless Entry —> RKE/VSS
- Vehicle Security System for Vehicles Equipped with Factory Keyless Entry —> VSS
- Keyless Entry System —> RKE

Box 4: Page number and total number of pages which make up the complete drawing;

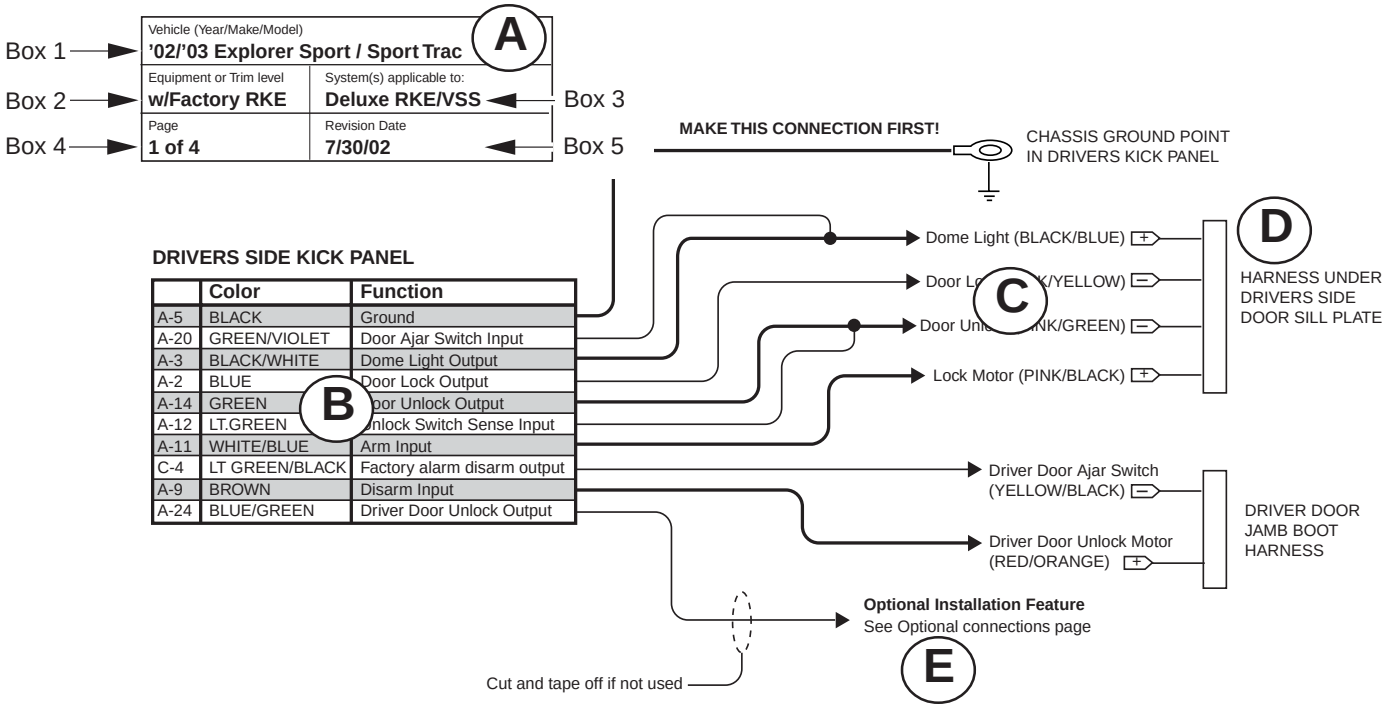
Box 5: Revision date of drawing.

(B) Lists the systems wires by Connector/Terminal, Wire color, and function.

(C) Lists the vehicle circuit by the vehicle wire color and circuit polarity - Circuit name (wire color) ⊕ or ⊖ (indicates vehicle's circuit polarity).

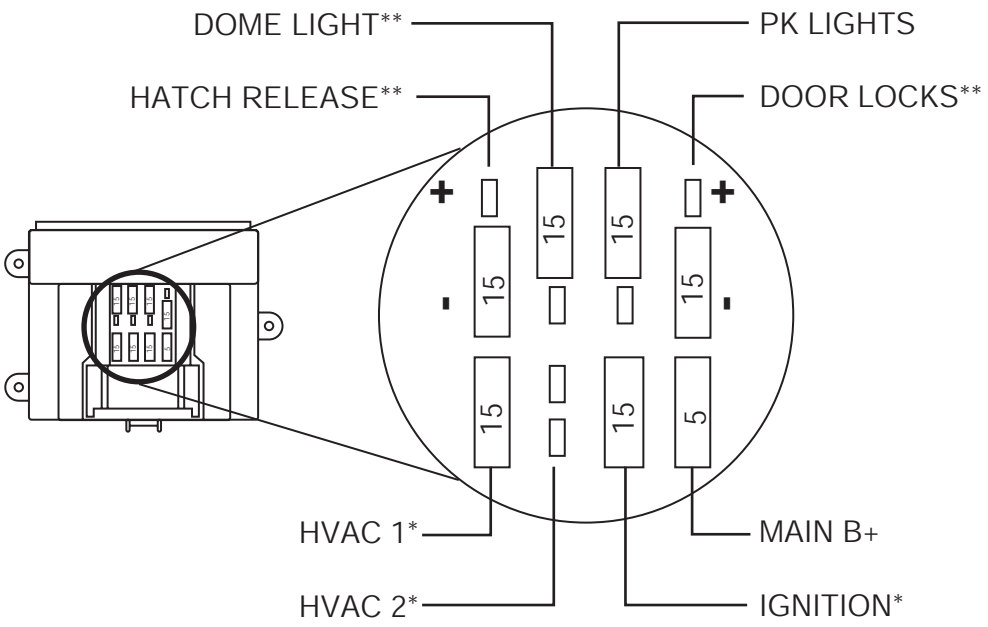
(D) List the circuit location in the vehicle. Clicking on the text will open another window showing a color photograph of the circuit location in the vehicle (internet connection required).

(E) Optional connections - clicking on the "Optional installation feature" text, will jump to a diagram showing the connection of the optional circuit. Clicking on the "Go to Previous View" button will return to the original page.



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL - Fuse Placement**
Page	**Revision Date**
1 of 1	**6/15/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2003-2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - KEY LATCH RELEASE (CAR START SYSTEMS ONLY)
1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Aux 2 (Rear Defrost)	0.5 Sec pulse (Default)

MODULE MOUNTING LOCATION:

Left side of under dash between fuse/junction box and bulkhead panel.

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
1 of 4	**6/15/04**

(NOTE: ALSO INCLUDES RKE/RMST

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Hatch Release
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**
B-10	BLUE/BLACK	Active Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Factory Alarm Disarm (GREEN/VIOLET) (−)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Unlock Switch Sense (PINK/ORANGE) (+)

DRIVERS SIDE REAR DOOR JAMB BOOT

Hatch Release Output (PINK/ORANGE) (−)

DRIVER'S REAR DOOR SILL PLATE HARNESS

Memory Seat 1 (TAN/LT GREEN) (−)

Memory Seat 2 (BLACK/ORANGE) (−)

MEMORY SEAT SWITCH

To Key Release Latch Relay
Must Be Connected
see page 4 of 4

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

RED
BLACK

Siren (VSS only)

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN/BLACK) (−)

FUEL INJECTOR

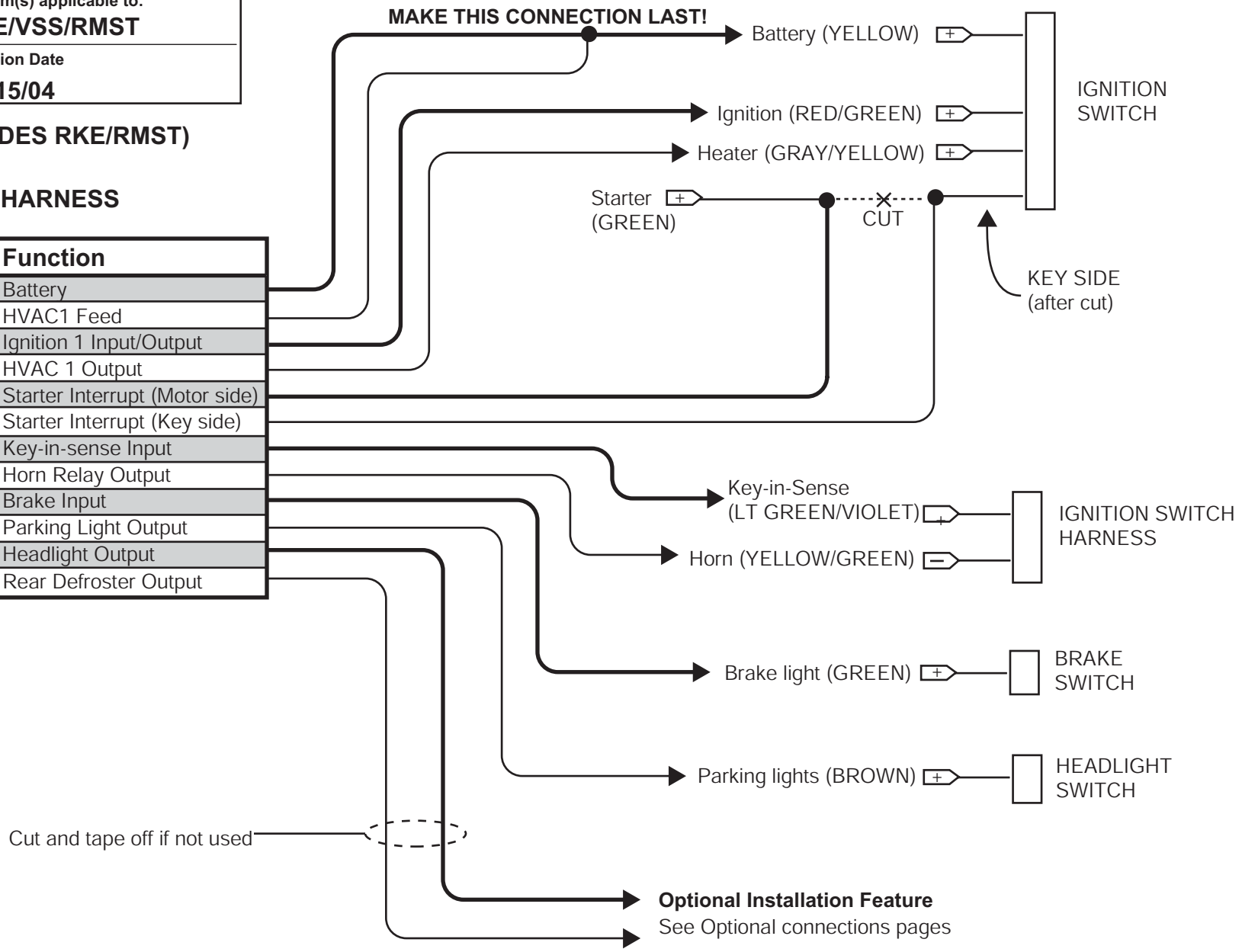
IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
2 of 4	**6/15/04**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



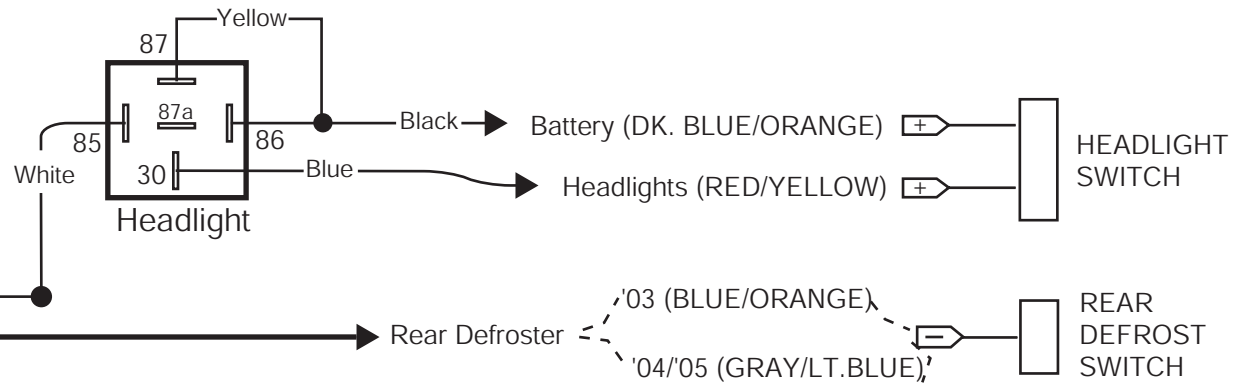
Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 4	**6/15/04**

OPTIONAL CONNECTIONS

HEADLIGHT ILLUMINATION/ REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



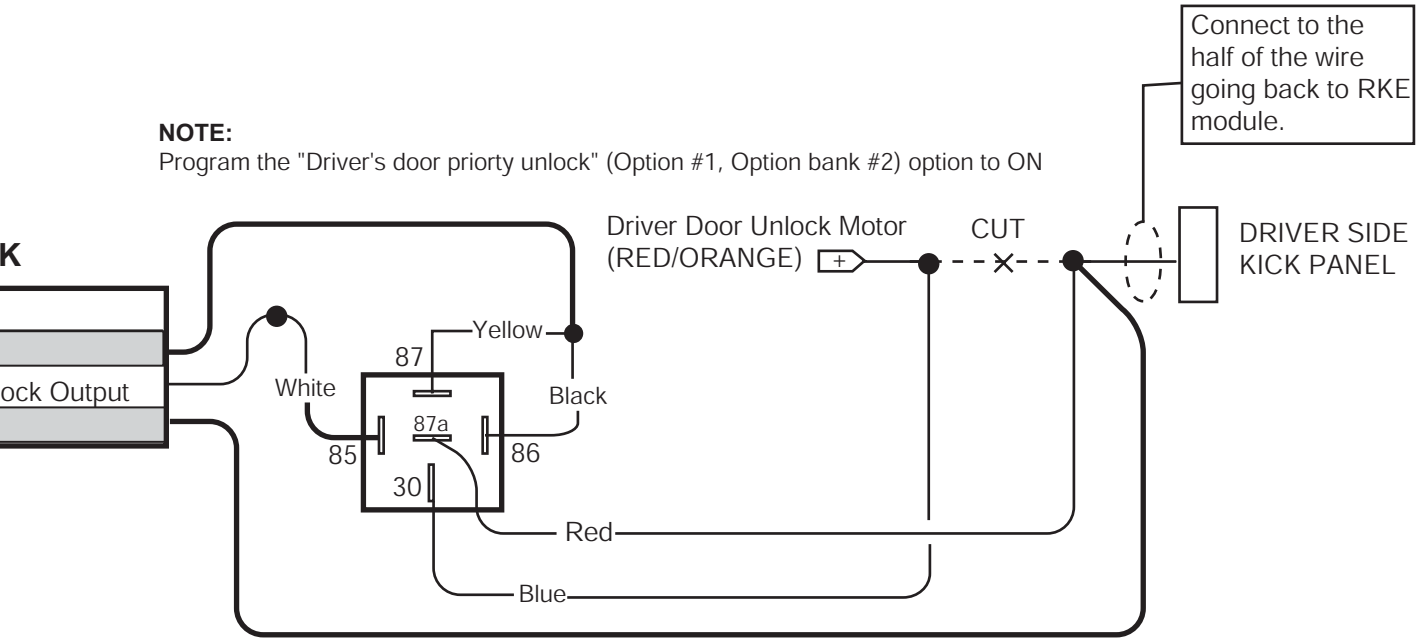
IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL RMST**
Page	**Revision Date**
4 of 4	**6/15/04**

REQUIRED CONNECTION

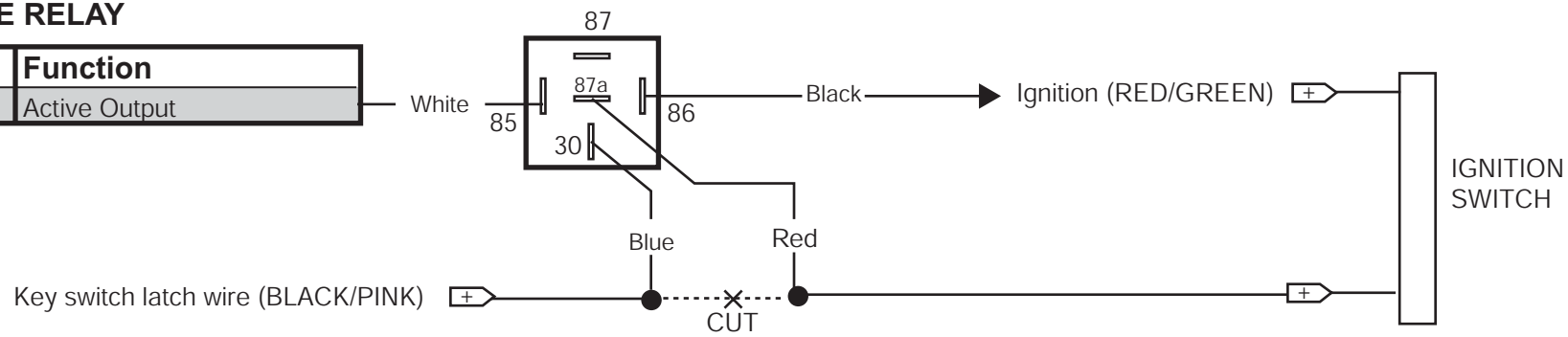
NOTE:

This connection is required on all remote start installations in Aviator's

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

KEY LATCH RELEASE RELAY

	Color	Function
B-10	BLUE/BLACK	Active Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
1 of 2	**6/15/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
B-10	BLUE/BLACK	Active Output

To Key Release Latch Relay
Must Be Connected
see page 2 of 2

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)
Ignition (RED/GREEN) (+)
Heater (GRAY/YELLOW) (+)
Starter (GREEN) (+)
CUT
IGNITION SWITCH
KEY SIDE (after cut)

Key-in-Sense (LT GREEN/VIOLET) (+)
Horn (YELLOW/GREEN) (−)
IGNITION SWITCH HARNESS

Brake light (GREEN) (+)
BRAKE SWITCH

Parking lights (BROWN) (+)
HEADLIGHT SWITCH

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN/BLACK) (−)
FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL RMST**
Page	**Revision Date**
2 of 2	**6/15/04**

REQUIRED CONNECTION

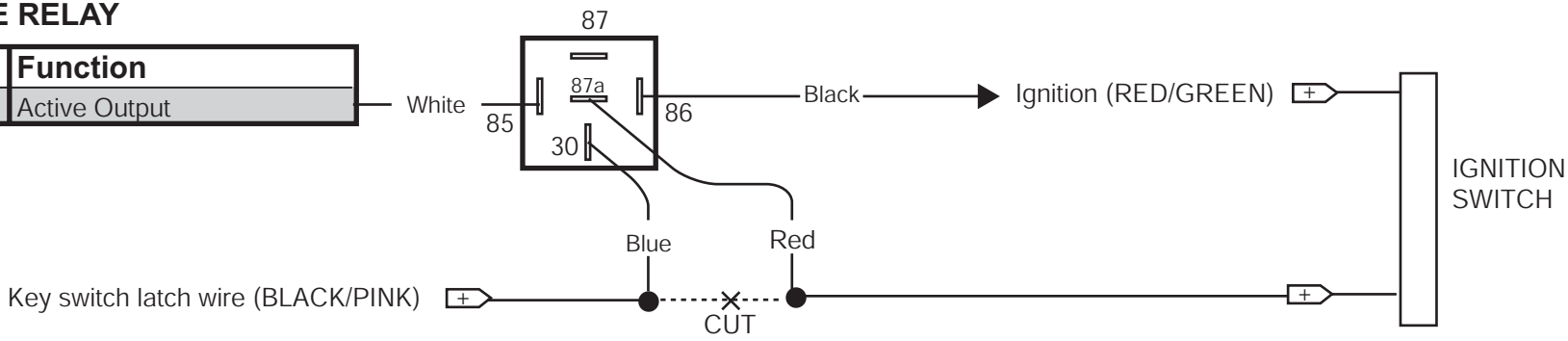
NOTE:

This connection is required on all remote start installations in Aviator's

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

KEY LATCH RELEASE RELAY

	Color	Function
B-10	BLUE/BLACK	Active Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
1 of 3	**6/15/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Hatch Release Output
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
A-24	BLUE/GREEN	Driver Door Unlock
C-9	TAN/RED	**DO NOT USE**

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Factory Alarm Disarm (GREEN/VIOLET) (−)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Unlock Switch Sense (PINK/ORANGE) (+)

DRIVERS SIDE REAR DOOR JAMB BOOT

Hatch Release Output (PINK/ORANGE) (−)

DRIVER'S REAR SILL PLATE HARNESS

Cut and tape off if not used

Memory Seat 1 (TAN/LT GREEN) (−)

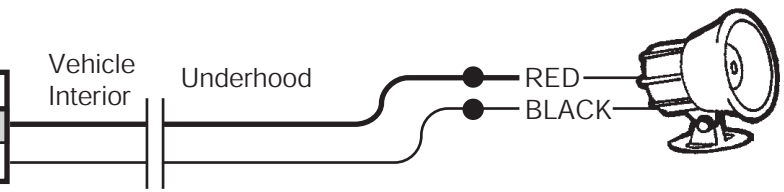
Memory Seat 2 (BLACK/ORANGE) (−)

MEMORY SEAT SWITCH

Optional Installation Feature
See Optional connections page

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (RED/GREEN) (+)

IGNITION SWITCH

Starter (GREEN) (+)

CUT

KEY SIDE (after cut)

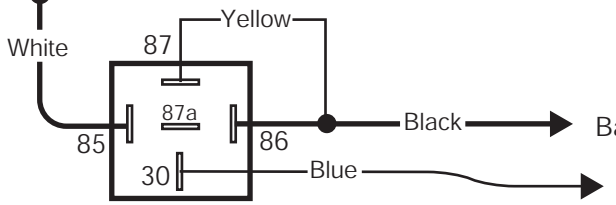
Horn (YELLOW/GREEN) (−)

IGNITION SWITCH HARNESS

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



Battery (DK. BLUE/ORANGE) (+)

Headlights (RED/YELLOW) (+)

HEADLIGHT SWITCH

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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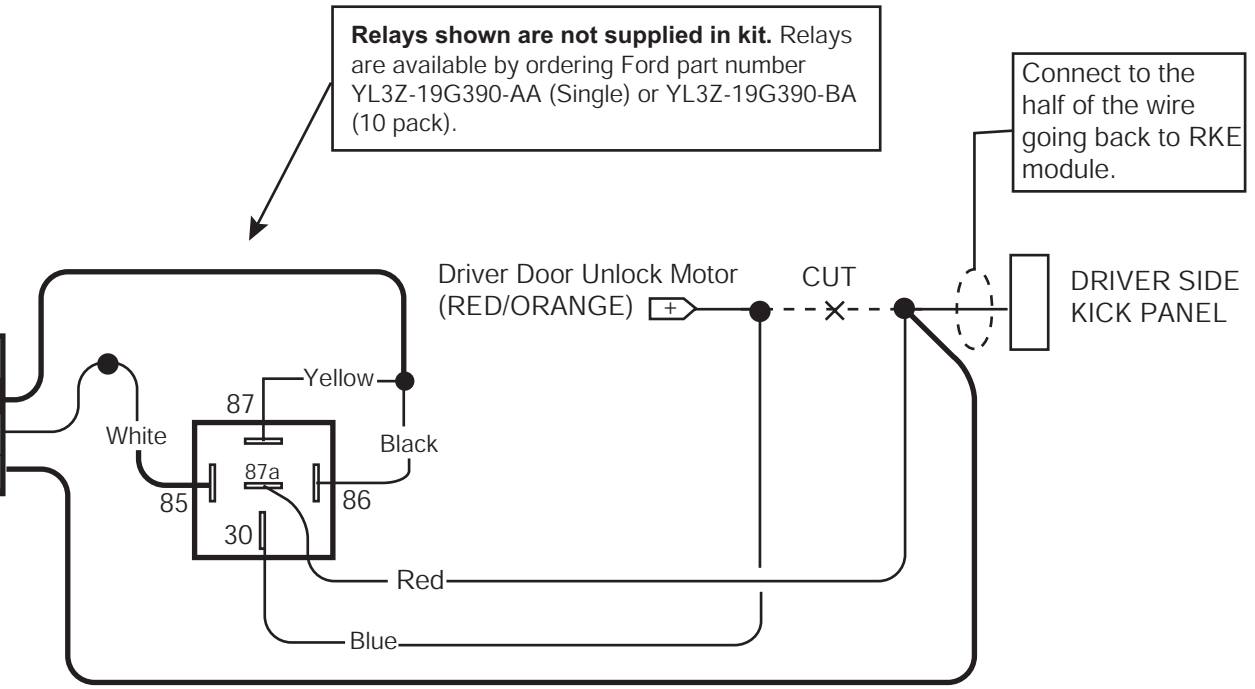
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

DRIVER'S DOOR P RIORITY UNLOCK

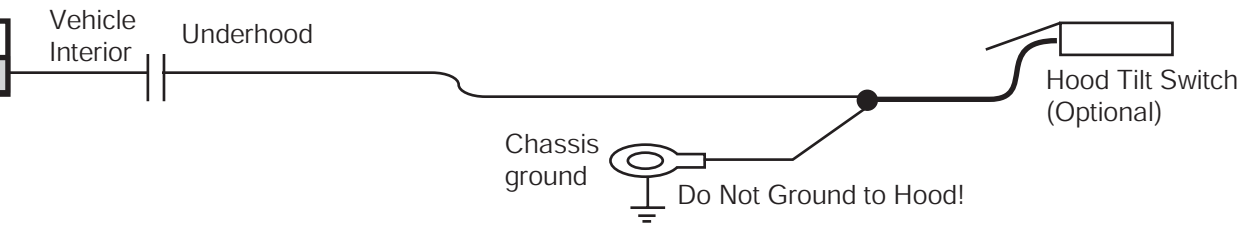
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
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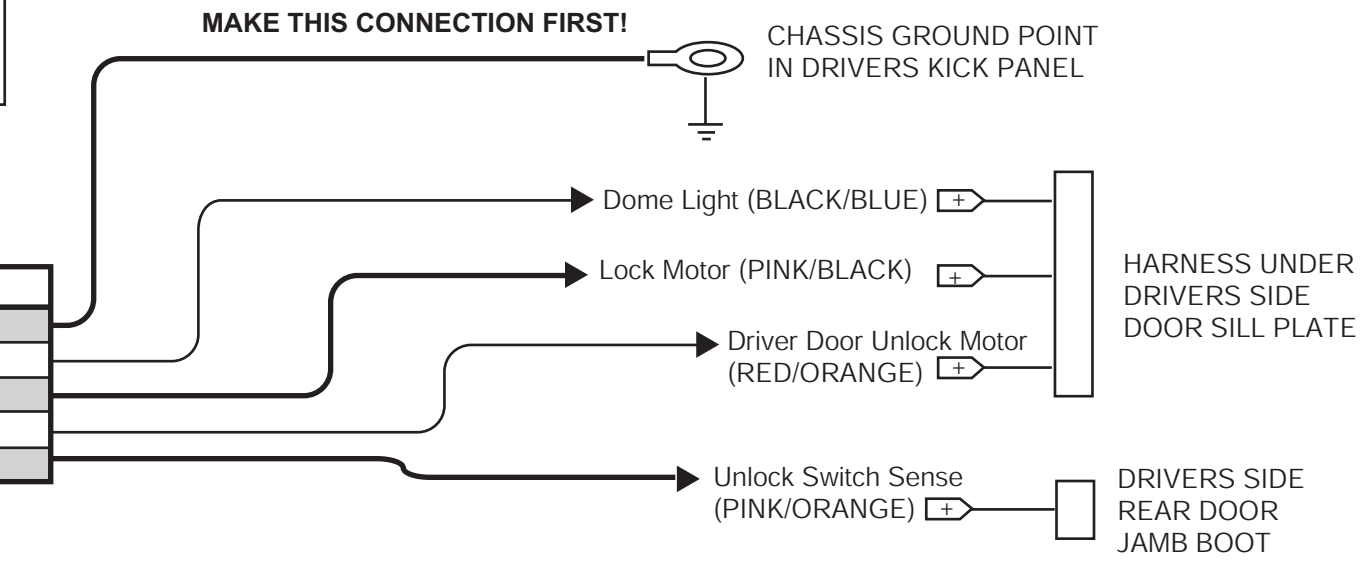
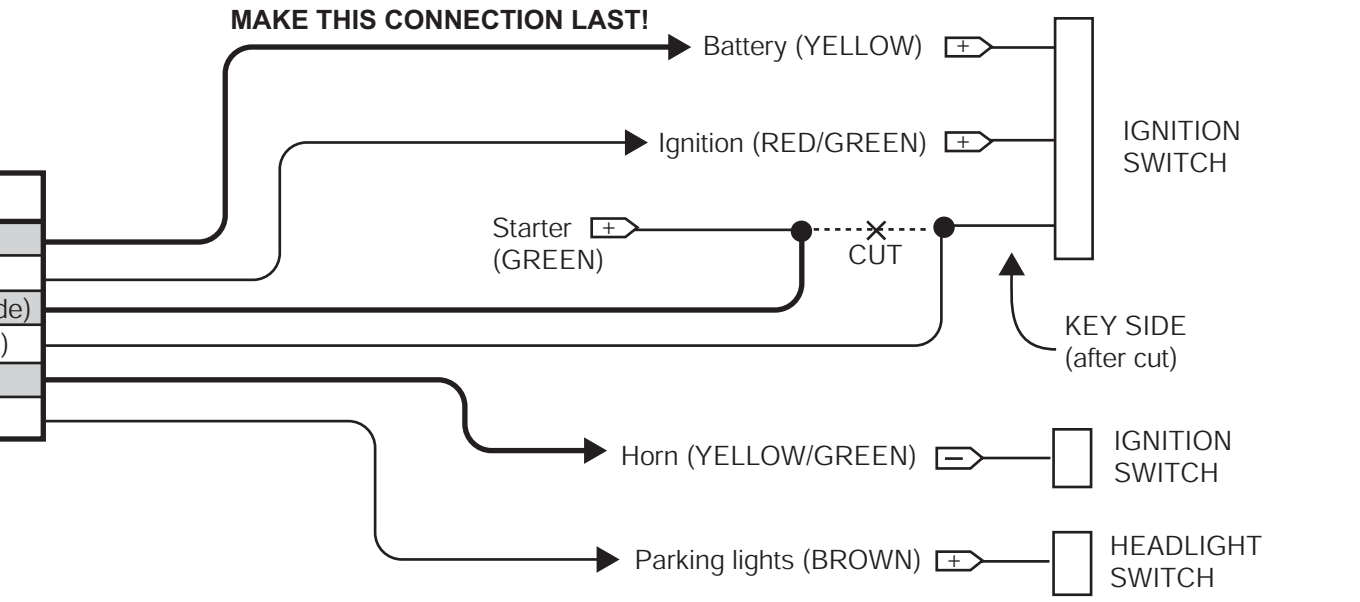
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
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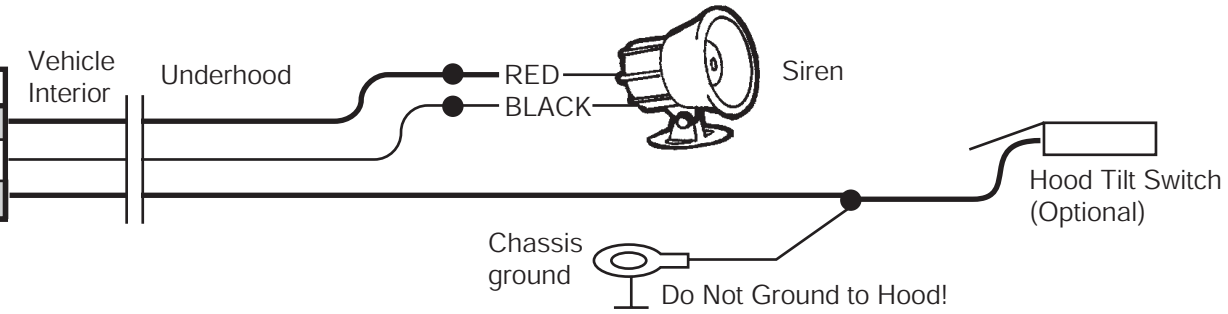
OPTIONAL CONNECTIONS

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'03-'05 Aviator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Preload**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Hatch Release Output

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Unlock Switch Sense (PINK/ORANGE) (+)

DRIVERS SIDE REAR DOOR JAMB BOOT

Hatch Release Output (PINK/ORANGE) (−)

HARNESS UNDER DRIVERS SIDE REAR DOOR SILL PLATE

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Factory Alarm Disarm (GREEN/VIOLET) (-)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (RED/GREEN) (+)

Starter (GREEN) (+)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−)

IGNITION SWITCH

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
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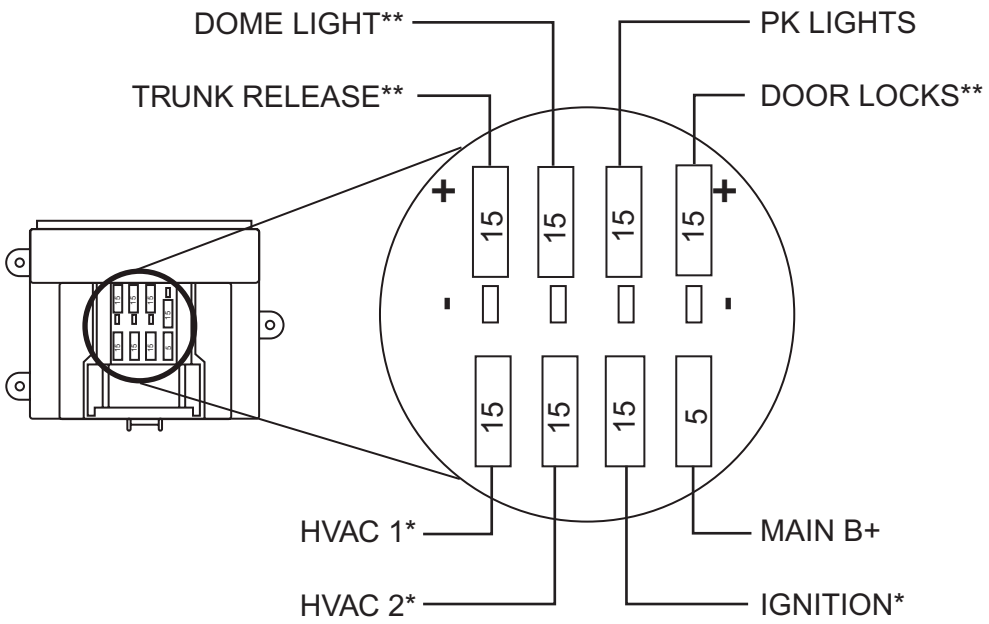
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L3Z-19G365-AB

2003-04: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - IGNITION 2 OUTPUT (REQUIRED)

1 - HVAC 1 OUTPUT (REQUIRED)

1 - DRIVER DOOR UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)
Rear Defroster time	0.5 sec. (Default setting)

MODULE MOUNTING LOCATION:

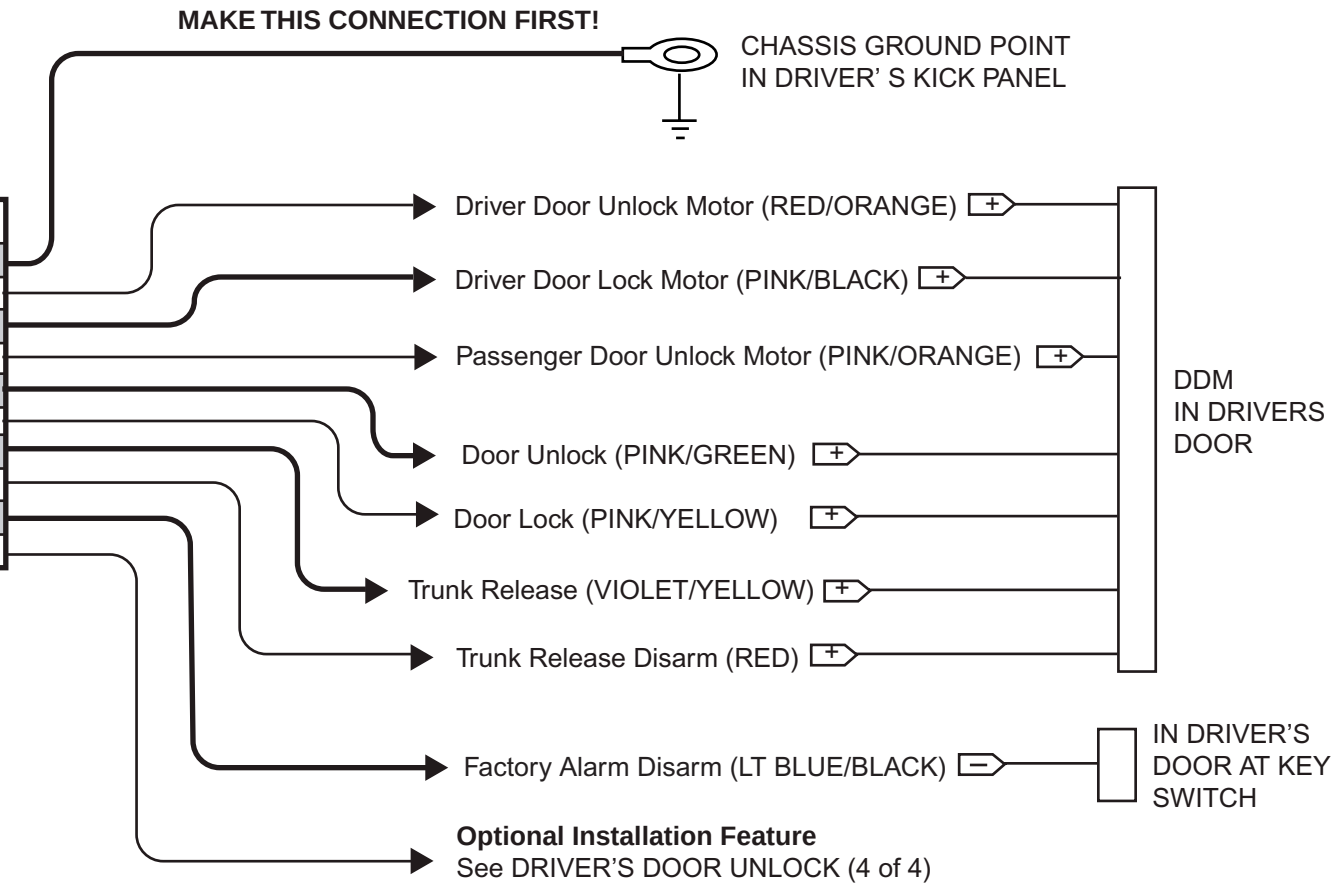
Left side of PCM

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **W/Factory RKE**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 4**	Revision Date **1/5/04**

NOTE: ALSO COVERS RKE/RMST

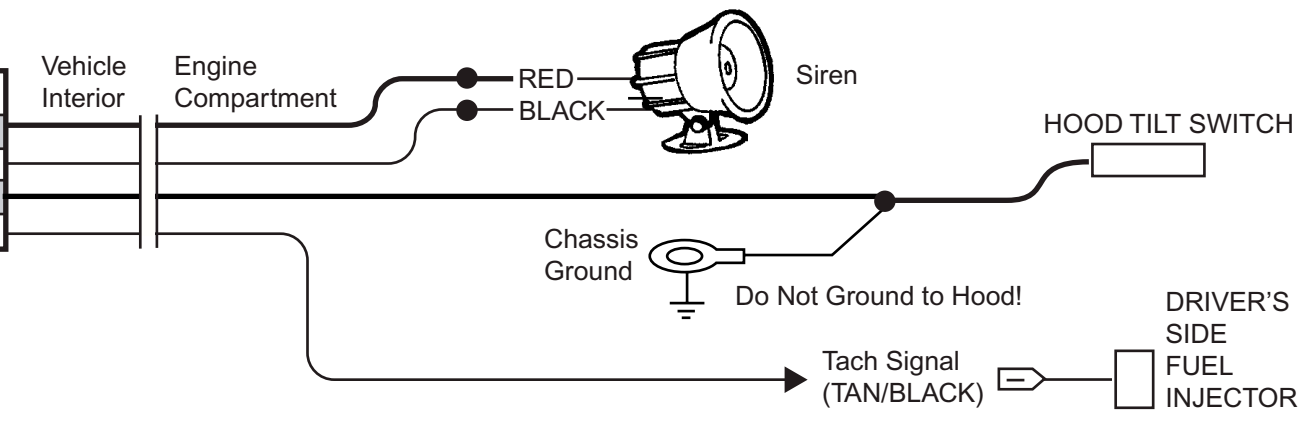
DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-7	BROWN/TAN	Trunk Release Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output



CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE/VSS/RMST**
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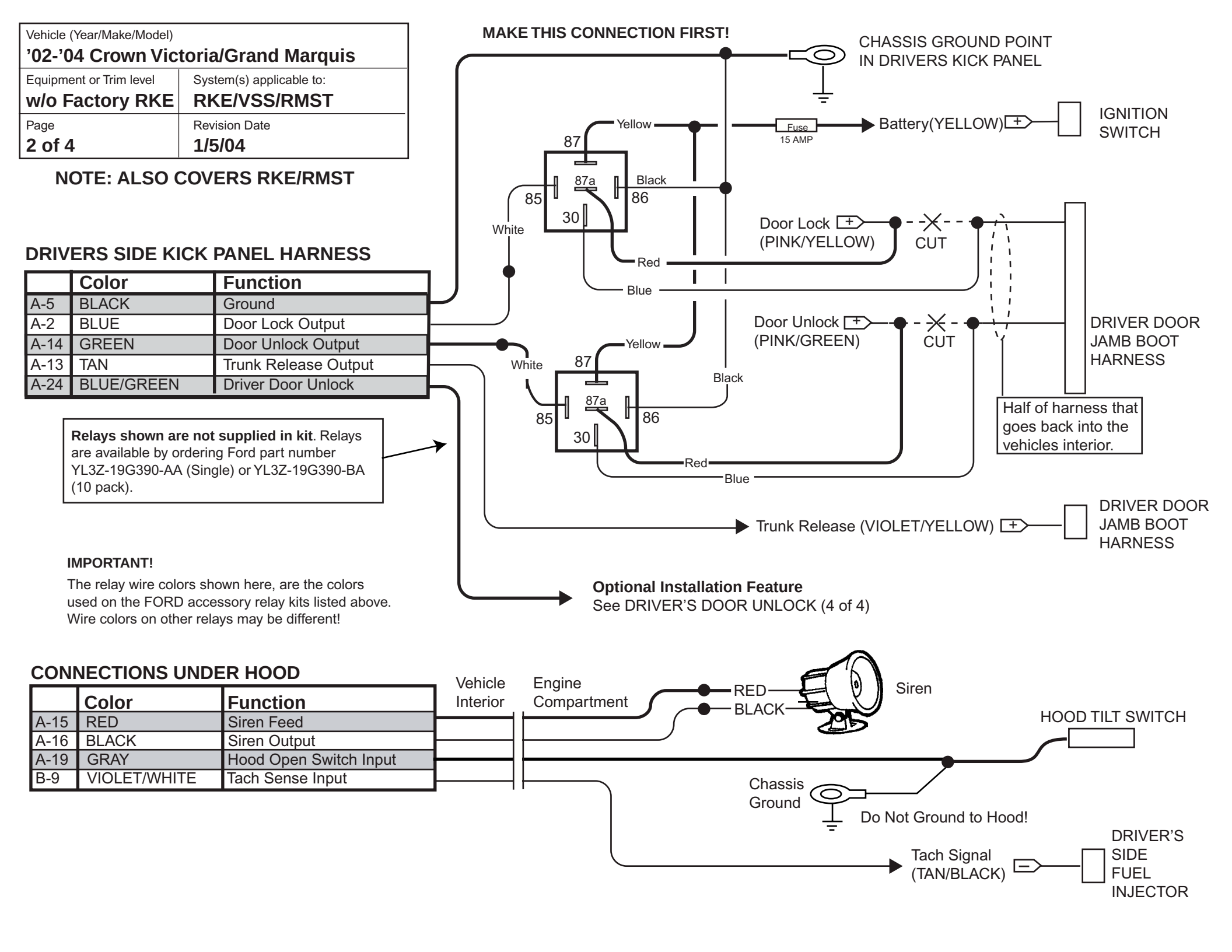
NOTE: ALSO COVERS RKE/RMST



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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NOTE: ALSO COVERS RKE/RMST

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

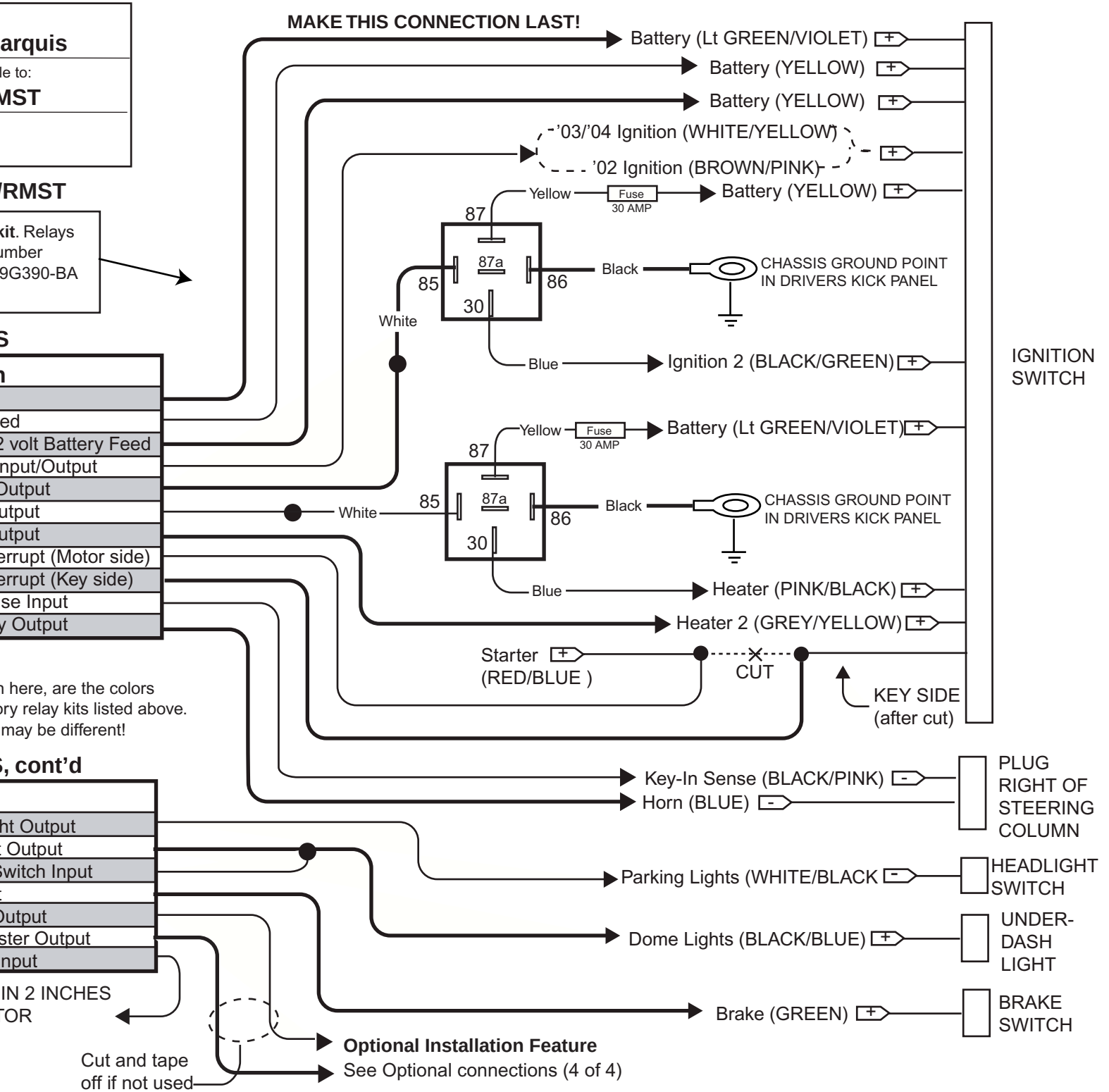
STEERING COLUMN HARNESS, cont'd

	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input

CUT THIS WIRE OFF WITHIN 2 INCHES OF THE 16-WAY CONNECTOR

Cut and tape off if not used

Optional Installation Feature
See Optional connections (4 of 4)



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
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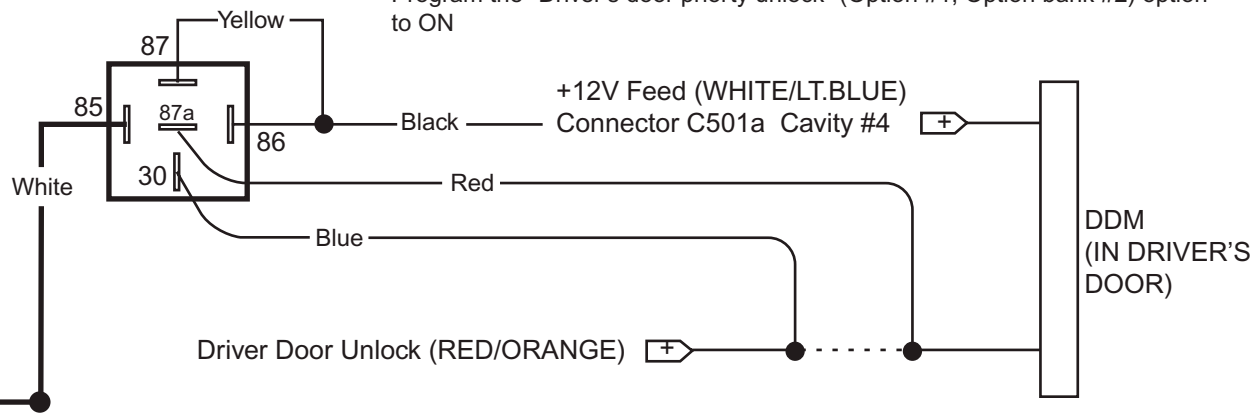
NOTE: ALSO COVERS RKE/RMST

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

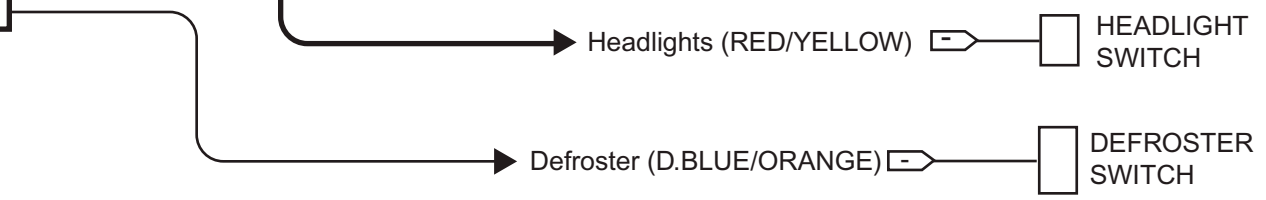
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

HEADLIGHTS/REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
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Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

IMPORTANT!

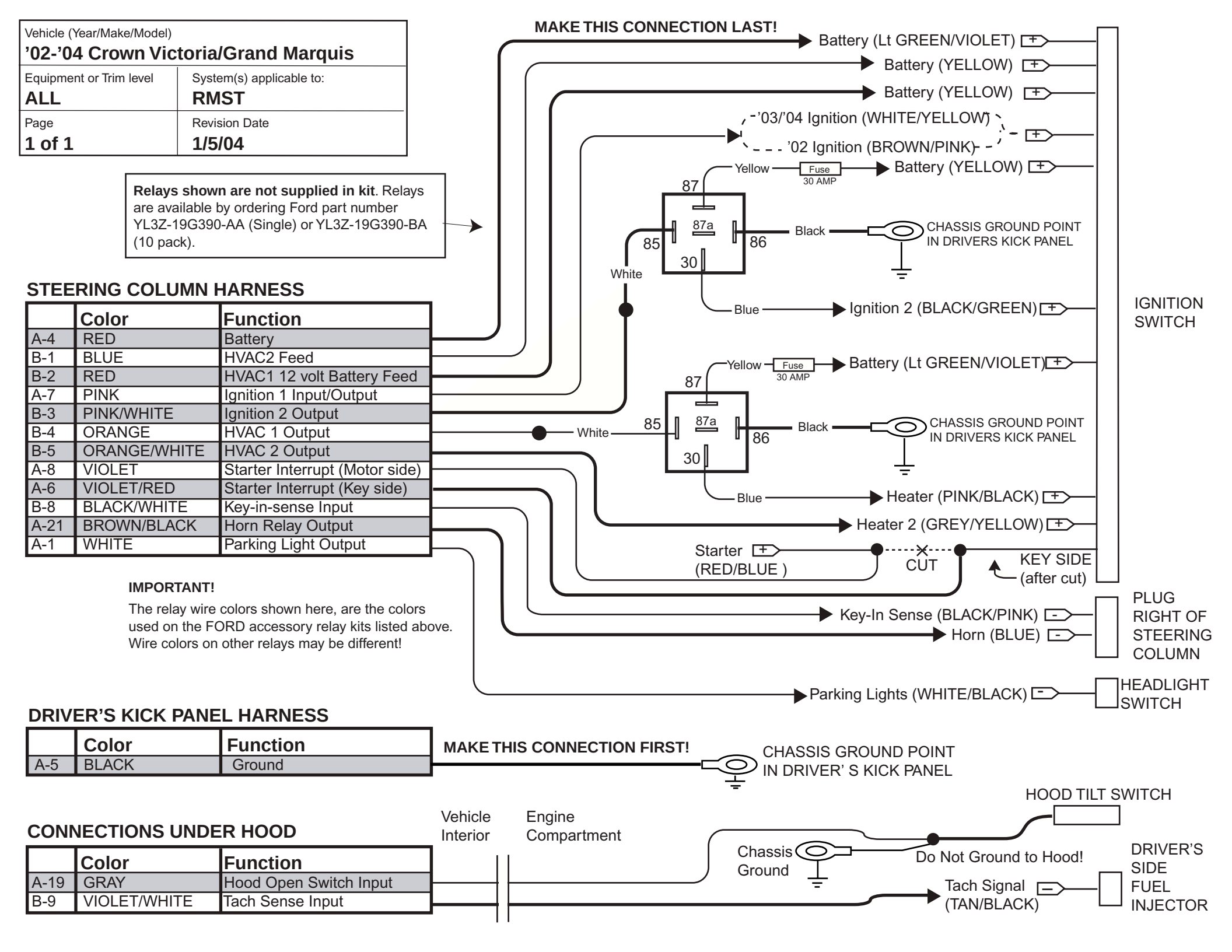
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

CONNECTIONS UNDER HOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **W/Factory RKE**	System(s) applicable to: **DELUXE RKE/VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-7	BROWN/TAN	Trunk Release Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Driver Door Unlock Motor (RED/ORANGE) (+)
Driver Door Lock Motor (PINK/BLACK) (+)
Passenger Door Unlock Motor (PINK/ORANGE) (+)
Door Unlock (PINK/GREEN) (+)
Door Lock (PINK/YELLOW) (+)
Trunk Release (VIOLET/YELLOW) (+)
Trunk Release Disarm (RED) (+)

DDM
IN DRIVERS
DOOR

Factory Alarm Disarm (LT BLUE/BLACK) (−)

IN DRIVER'S
DOOR AT KEY
SWITCH

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (4 of 4)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

HOOD TILT SWITCH

Chassis
Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**Deluxe RKE/VSS**
Page	Revision Date
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Yellow — Fuse 15 AMP — Battery(YELLOW) — IGNITION SWITCH

87 / 87a / 85 / 86 / 30 — Black — White

Door Lock (PINK/YELLOW) — CUT

Red — Blue

Door Unlock (PINK/GREEN) — CUT

DRIVER DOOR JAMB BOOT HARNESS

Half of harness that goes back into the vehicles interior.

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Trunk Release (VIOLET/YELLOW) — DRIVER DOOR JAMB BOOT HARNESS

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior | Engine Compartment

RED — BLACK — Siren

HOOD TILT SWITCH

Chassis Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
ALL	**DELUXE RKE/VSS**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
C-10	RED/WHITE	Headlight Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+) → IGNITION SWITCH

Ignition (WHITE/YELLOW) (+) → IGNITION SWITCH

Starter (+) (RED/BLUE) — CUT — IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (-) → PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) (-) → HEADLIGHT SWITCH

CUT THIS WIRE OFF WITHIN 2 INCHES OF THE 24-WAY CONNECTOR

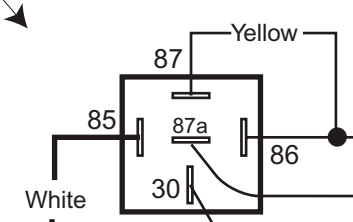
Dome Lights (BLACK/BLUE) (+) → UNDER-DASH LIGHT

Headlights (RED/YELLOW) (—) → HEADLIGHT SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

+12V Feed (BLACK/WHITE) Connector C501a Cavity #26 (+)

Driver Door Unlock (RED/ORANGE) (+)

DDM (IN DRIVER'S DOOR)

OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **VSS**
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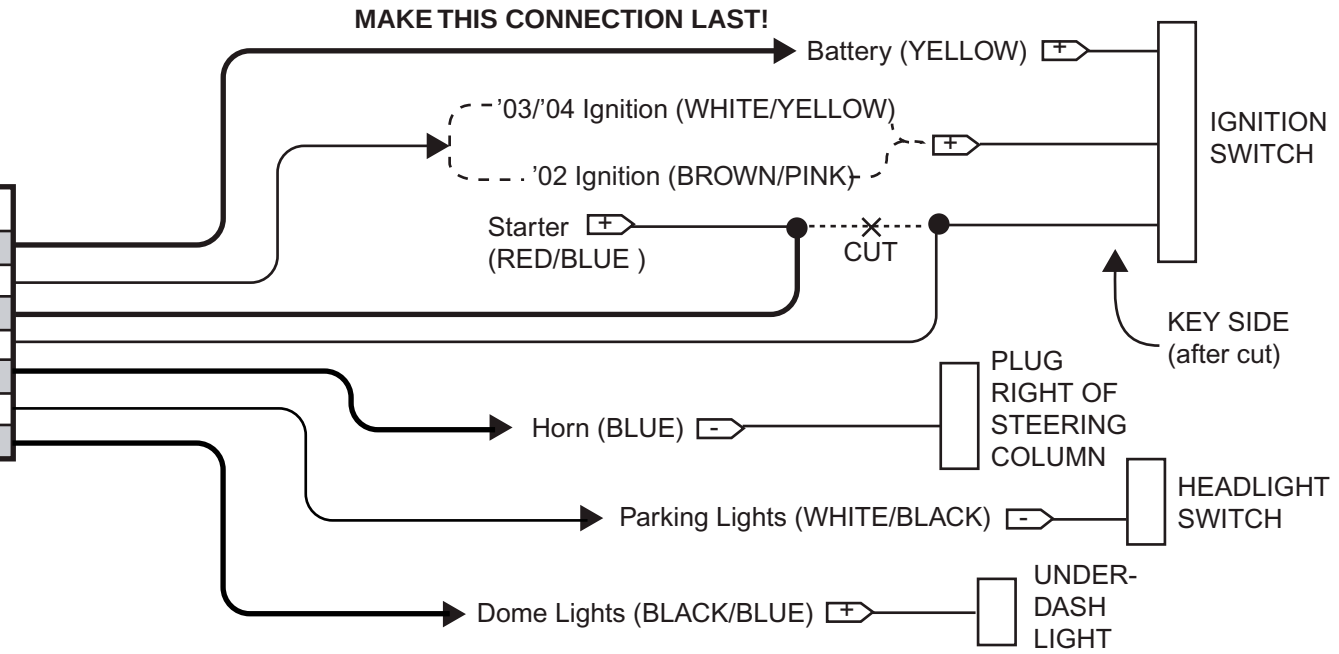
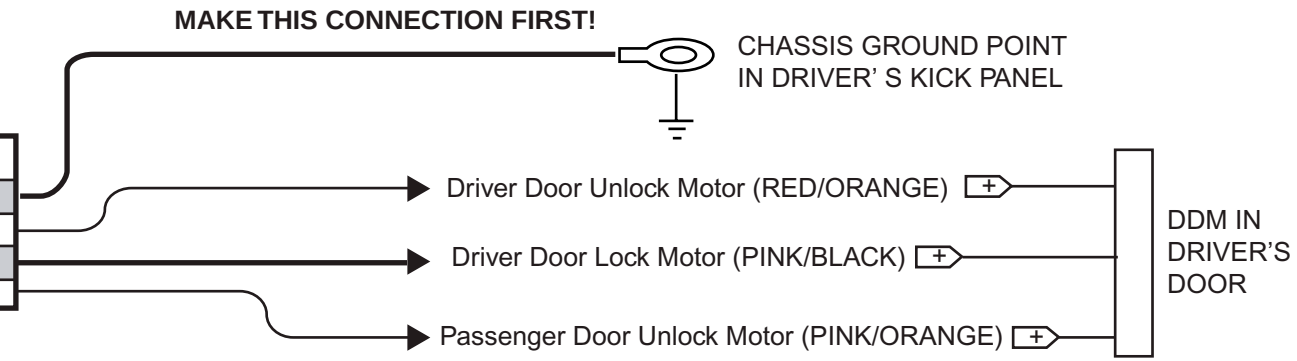
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input



DRIVER'S KICK PANEL HARNESS

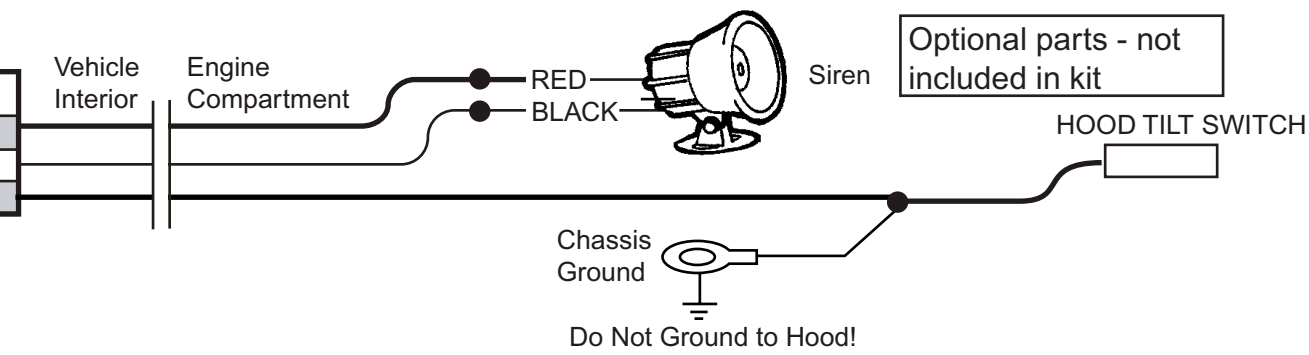
	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense



OPTIONAL CONNECTIONS

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level **w/o Factory RKE**	System(s) applicable to: **RKE, RKE/VSS & PRELOAD**
Page **1 of 1**	Revision Date **1/5/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

'03/'04 Ignition (WHITE/YELLOW) (+)

'02 Ignition (BROWN/PINK)

IGNITION SWITCH

Starter (RED/BLUE) (+) — CUT

KEY SIDE (after cut)

Horn (BLUE) (-)

PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) (—)

HEADLIGHT SWITCH

Dome Lights (BLACK/BLUE) (+)

UNDER-DASH LIGHT

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

MAKE THIS CONNECTION FIRST!

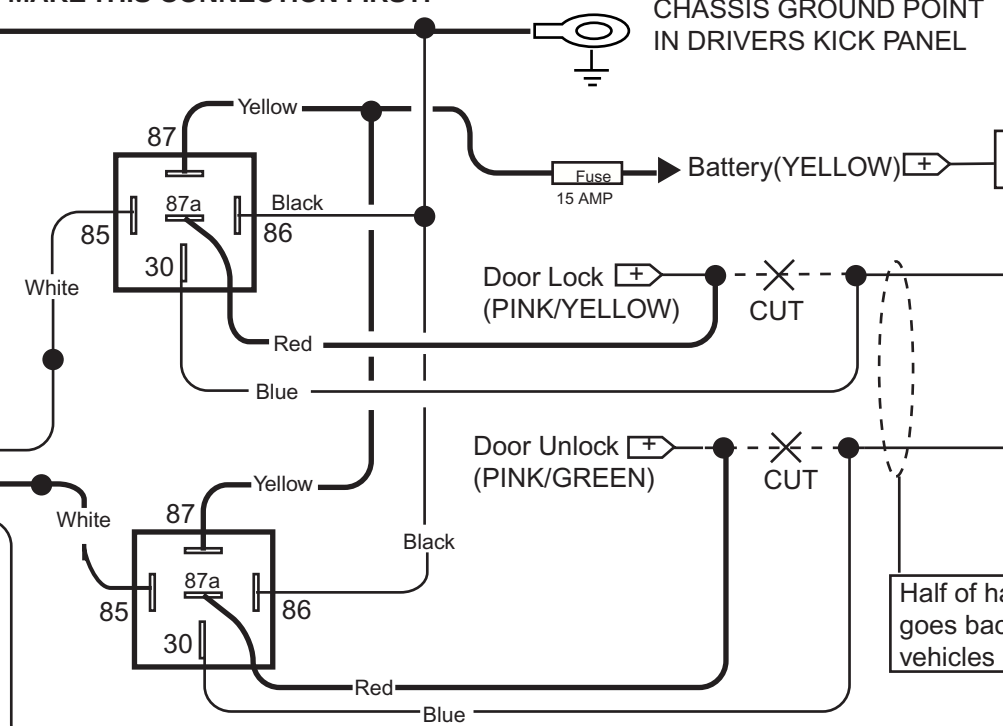
CHASSIS GROUND POINT IN DRIVERS KICK PANEL

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output



Vehicle (Year/Make/Model)	
'02-'04 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**PRELOAD**
Page	Revision Date
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

'03/'04 Ignition (WHITE/YELLOW) (+)

'02 Ignition (BROWN/PINK) (+)

IGNITION SWITCH

Starter (RED/BLUE) (+) — CUT

KEY SIDE (after cut)

Horn (BLUE) (-) — PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) (+) — HEADLIGHT SWITCH

Dome Lights (BLACK/BLUE) (+) — UNDER-DASH LIGHT

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	WHITE/BLUE	Unlock Switch Sense

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

Door Lock (PINK/YELLOW) (-)

Door Unlock (PINK/GREEN) (-)

Driver Door Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Passenger Door Unlock Motor (PINK/ORANGE) (+)

DDM IN DRIVER'S DOOR

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Factory Alarm Disarm (LT BLUE/BLACK) (-) — IN DRIVER'S DOOR AT KEY SWITCH

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security.**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
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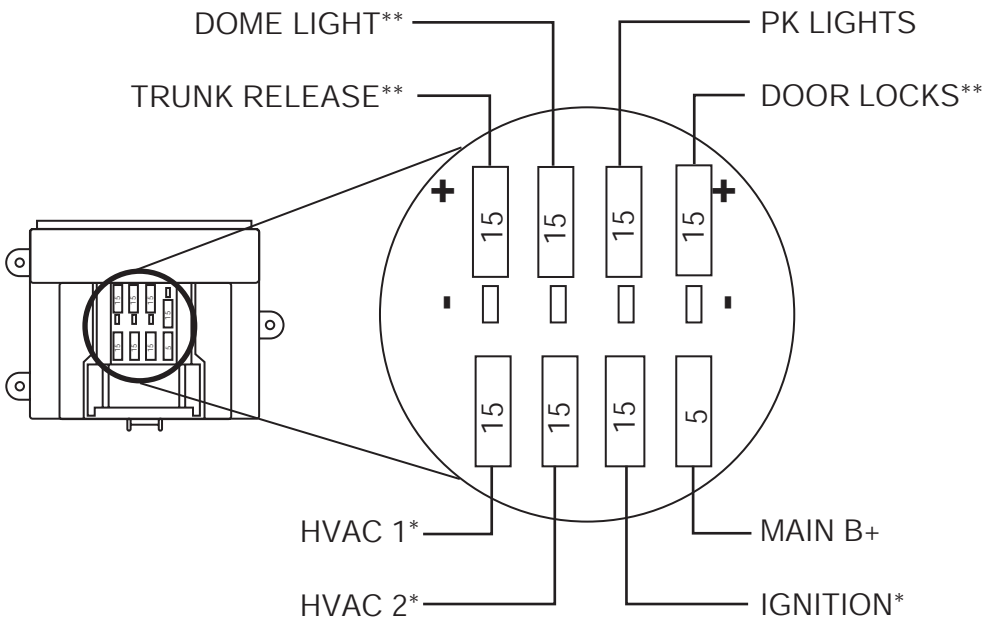
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

2 - DOOR LOCKS w/o FACTORY RKE (REQUIRED)
1 - DRIVER DOOR UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defroster time	0.5 sec. (Default setting)

MODULE MOUNTING LOCATION:

Left side of driver's side under dash

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
W/Factory RKE	**RKE/VSS/RMST**
Page	**Revision Date**
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NOTE: ALSO COVERS RKE/RMST

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	LT GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)

Driver Door Lock Motor (PINK/BLACK) (+)

Door Unlock (PINK/GREEN) (+)

Door Lock (PINK/YELLOW) (+)

Trunk Release (VIOLET/YELLOW) (+)

DDM IN DRIVERS DOOR

Factory Alarm Disarm (LT BLUE/BLACK) (−)

IN DRIVER'S DOOR AT KEY SWITCH

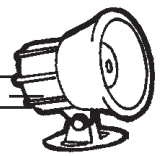
Optional Installation Feature
See DRIVER'S DOOR UNLOCK (4 of 4)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED
BLACK



Siren

HOOD TILT SWITCH

Chassis Ground

Do Not Ground to Hood!

Tach Signal (TAN/BLACK) (−)

DRIVER'S SIDE FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS/RMST**
Page	**Revision Date**
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NOTE: ALSO COVERS RKE/RMST

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

Fuse
15 AMP

Battery(LT GREEN/VIOLET)

IGNITION
SWITCH

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock

Yellow
87
87a
Black
85
86
30
White
Red
Blue

Door Lock (+)
(PINK/YELLOW)
CUT

Door Unlock (+)
(PINK/GREEN)
CUT

DRIVER DOOR
JAMB BOOT
HARNESS

Half of harness that
goes back into the
vehicles door.

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Trunk Release (VIOLET/YELLOW)

DRIVER DOOR
JAMB BOOT
HARNESS

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (4 of 4)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED
BLACK
Siren

HOOD TILT SWITCH

Chassis
Ground
Do Not Ground to Hood!

Tach Signal
(TAN/BLACK)

DRIVER'S
SIDE
FUEL
INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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NOTE: ALSO COVERS RKE/RMST

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input

CUT THIS WIRE OFF WITHIN 2 INCHES
OF THE 16-WAY CONNECTOR

MAKE THIS CONNECTION LAST!

Battery (LT GREEN/VIOLET) (+)

Battery (RED) (+)

Ignition (VIOLET/ORANGE) (+)

Heater (GRAY/YELLOW) (+)

Heater 2 (WHITE/VIOLET) (+)

Starter (+)
(DK GREEN)

CUT

KEY SIDE
(after cut)

IGNITION
SWITCH

Key-In Sense (BLACK/PINK) (+)

Horn (BLUE) (−)

STEERING
COLUMN
HARNESS

Parking Lights (WHITE/BLACK) (−)

HEADLIGHT
SWITCH

Dome Lights (BLACK/BLUE) (+)

UNDER-
DASH
LIGHT

Brake (LT GREEN/RED) (+)

BRAKE
SWITCH

Cut and tape
off if not used

Optional I nstallation F eature
See Optional connections (3 of 3)

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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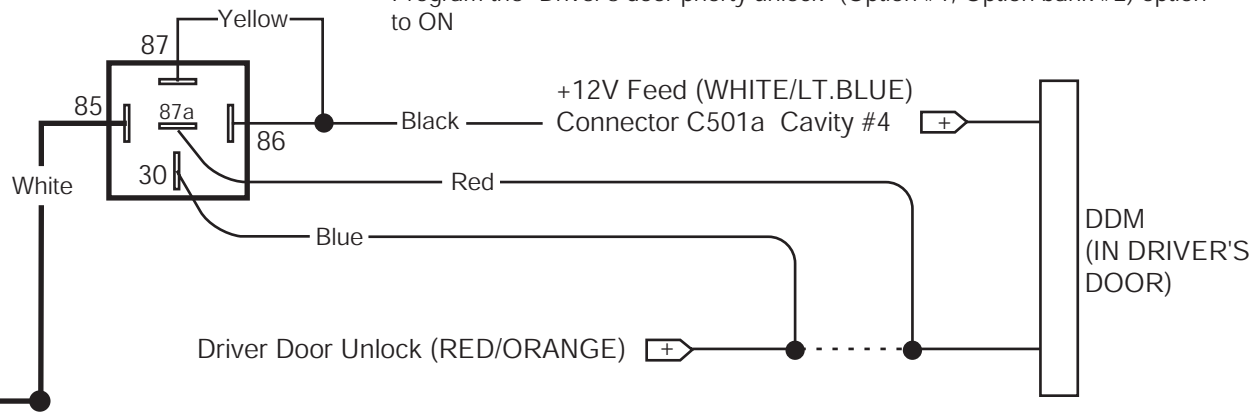
NOTE: ALSO COVERS RKE/RMST

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

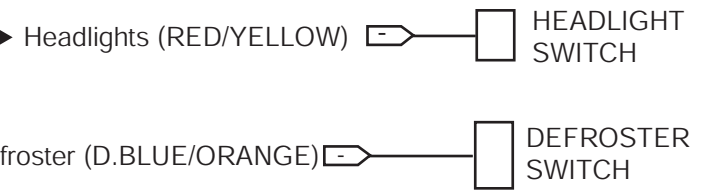
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

HEADLIGHTS/REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input

MAKE THIS CONNECTION LAST!

Battery (LT GREEN/VIOLET) +

Battery (RED) +

Ignition (VIOLET/ORANGE) +

Heater (GRAY/YELLOW) +

Heater 2 (WHITE/VIOLET) +

Starter (DK GREEN) +

CUT

KEY SIDE (after cut)

IGNITION SWITCH

Key-In Sense (BLACK/PINK) +

Horn (BLUE) −

STEERING COLUMN HARNESS

Parking Lights (WHITE/BLACK) −

HEADLIGHT SWITCH

Brake (LT GREEN/RED) +

BRAKE SWITCH

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

CONNECTIONS UNDER HOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior

Engine Compartment

HOOD TILT SWITCH

Chassis Ground

Do Not Ground to Hood!

Tach Signal (TAN/BLACK) −

DRIVER'S SIDE FUEL INJECTOR

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
W/Factory RKE	**DELUXE RKE/VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Driver Door Unlock Motor (RED/ORANGE) (+)

Driver Door Lock Motor (PINK/BLACK) (+)

Door Unlock (PINK/GREEN) (+)

Door Lock (PINK/YELLOW) (+)

Trunk Release (VIOLET/YELLOW) (+)

DDM
IN DRIVERS
DOOR

Factory Alarm Disarm (LT BLUE/BLACK) (−)

IN DRIVER'S
DOOR AT KEY
SWITCH

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

CONNECTIONS UNDER HOOD

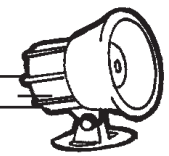
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior

Engine Compartment

RED

BLACK



Siren

HOOD TILT SWITCH

Chassis
Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**Deluxe RKE/VSS**
Page	**Revision Date**
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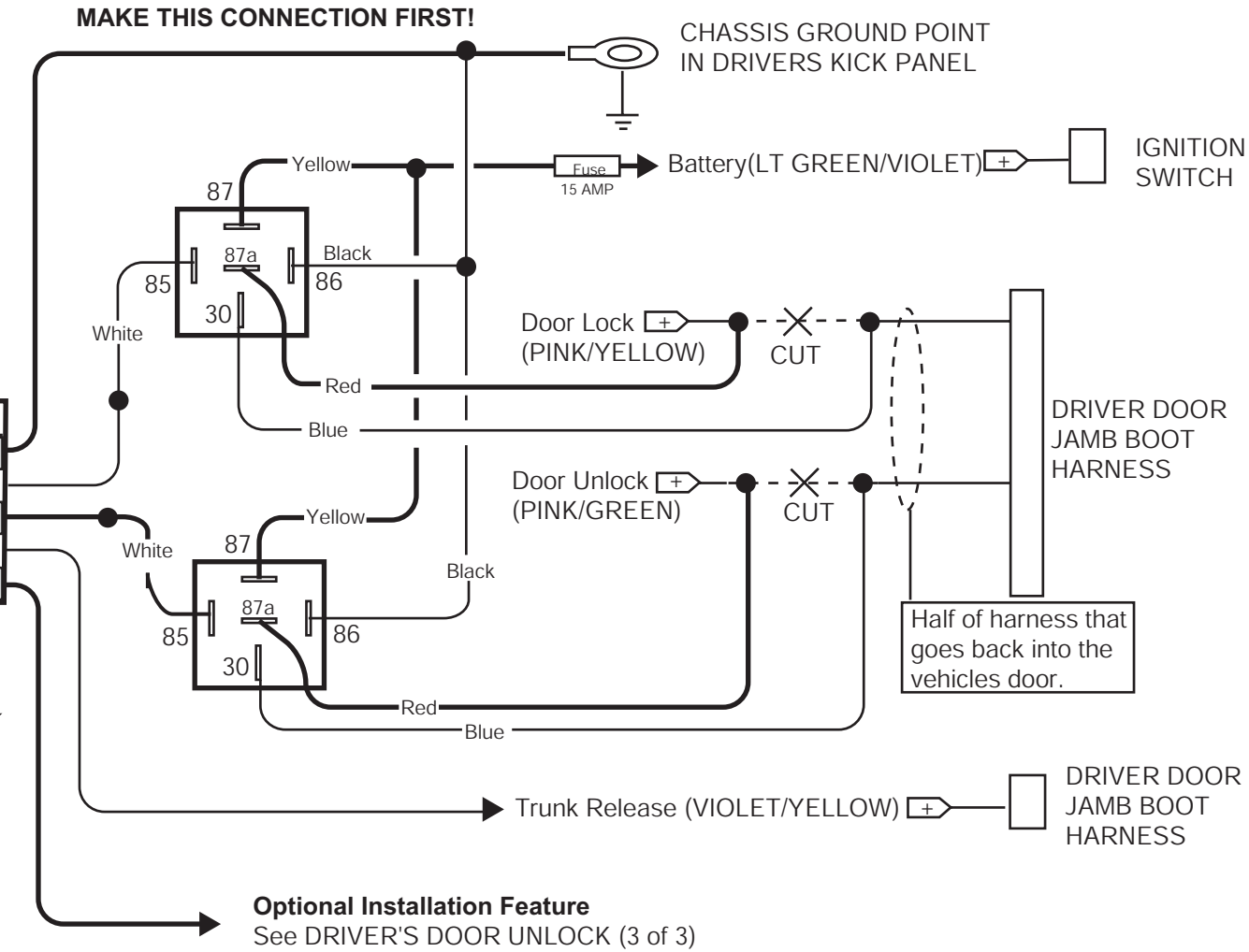
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

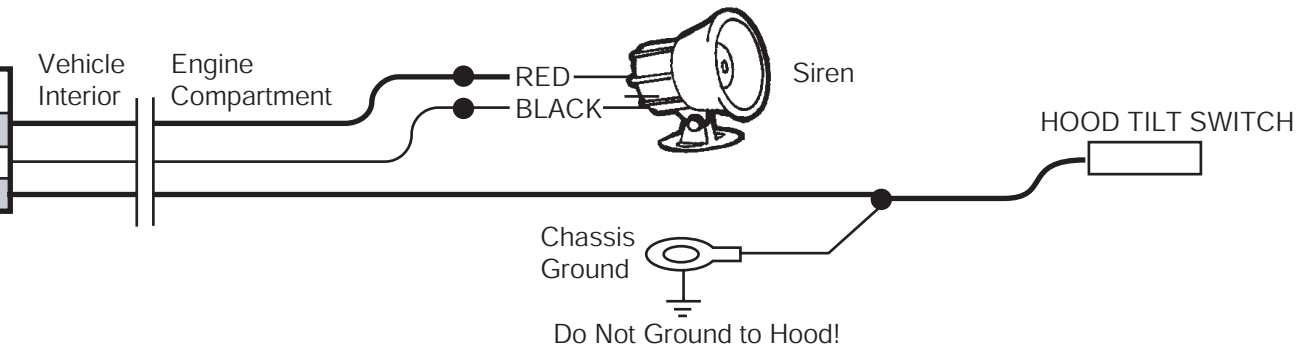
IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
ALL	**DELUXE RKE/VSS**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
C-10	RED/WHITE	Headlight Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION LAST!

Battery (LT GREEN/VIOLET) (+)

Ignition (VIOLET/ORANGE) (+)

Starter (+) (DK GREEN)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (-)

PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) (-)

HEADLIGHT SWITCH

CUT THIS WIRE OFF WITHIN 2 INCHES OF THE 16-WAY CONNECTOR

Dome Lights (BLACK/BLUE) (+)

UNDER-DASH LIGHT

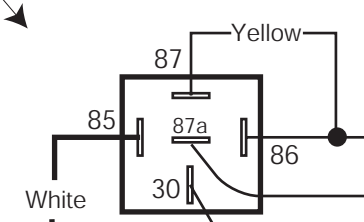
Headlights (RED/YELLOW) (−)

HEADLIGHT SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

+12V Feed (BLACK/WHITE)
Connector C501a Cavity #26 (+)

DDM (IN DRIVER'S DOOR)

Driver Door Unlock (RED/ORANGE) (+)

OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	VSS
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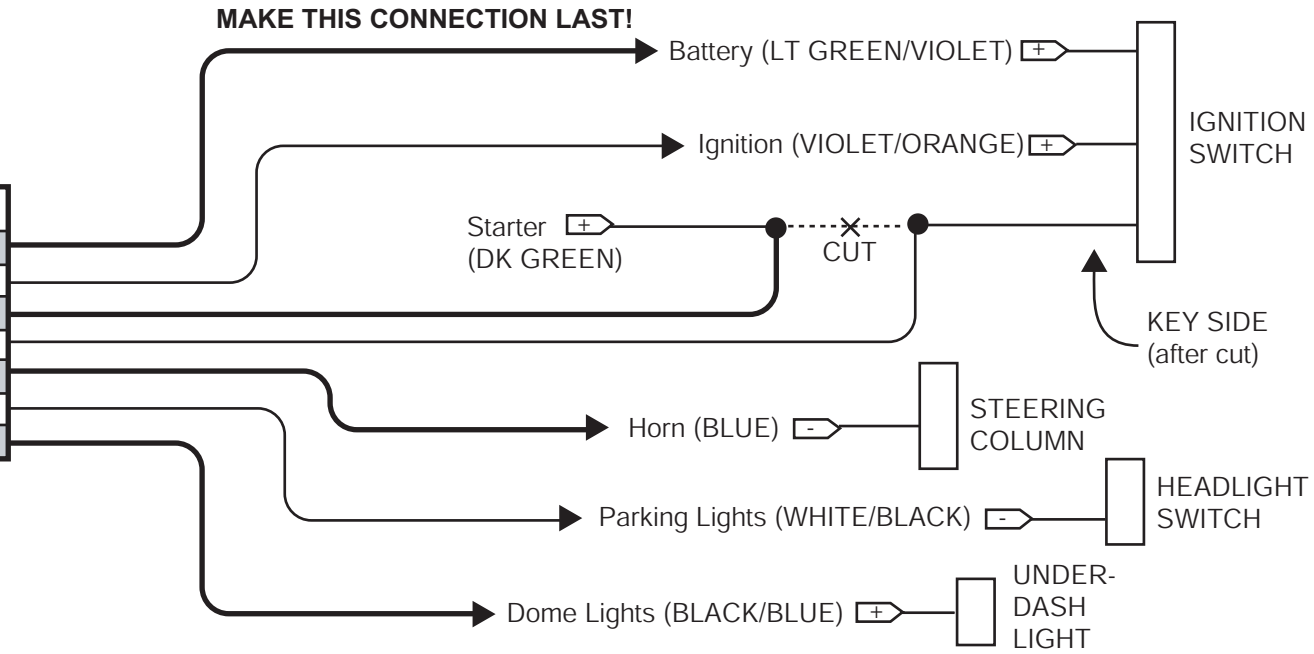
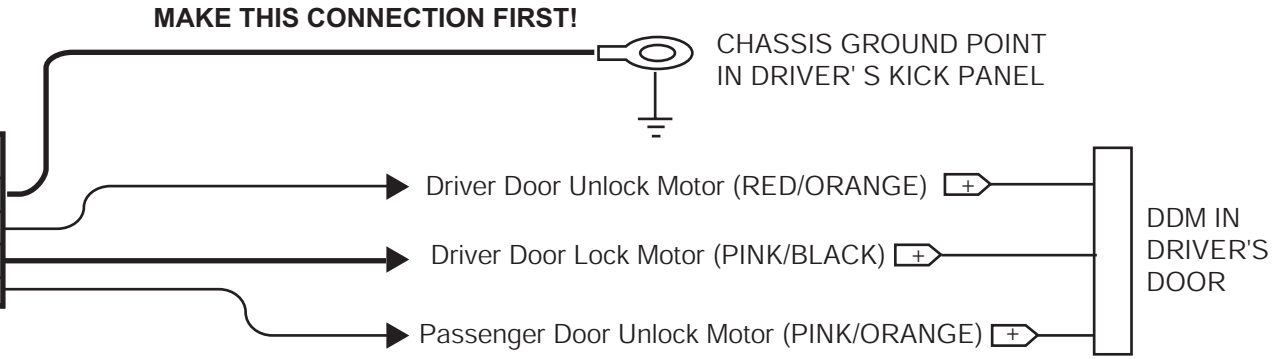
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input



DRIVER'S KICK PANEL HARNESS

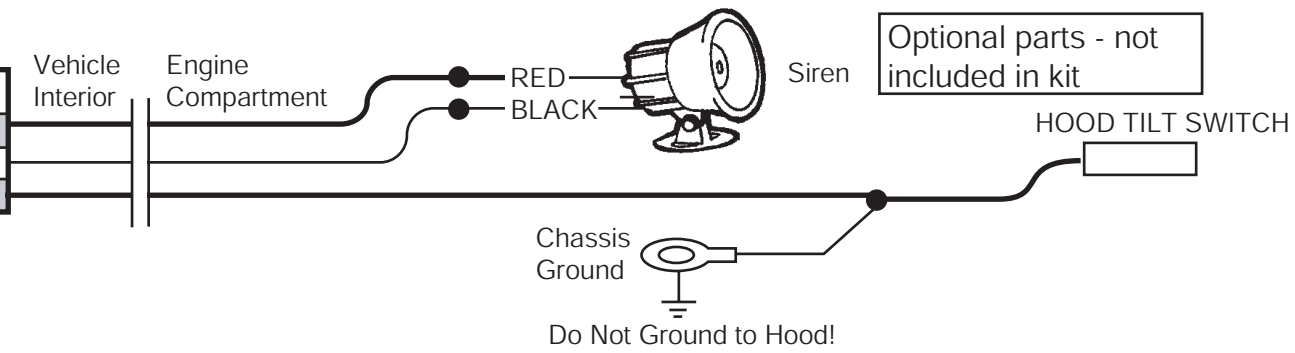
	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense



OPTIONAL CONNECTIONS

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE, RKE/VSS & PRELOAD**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

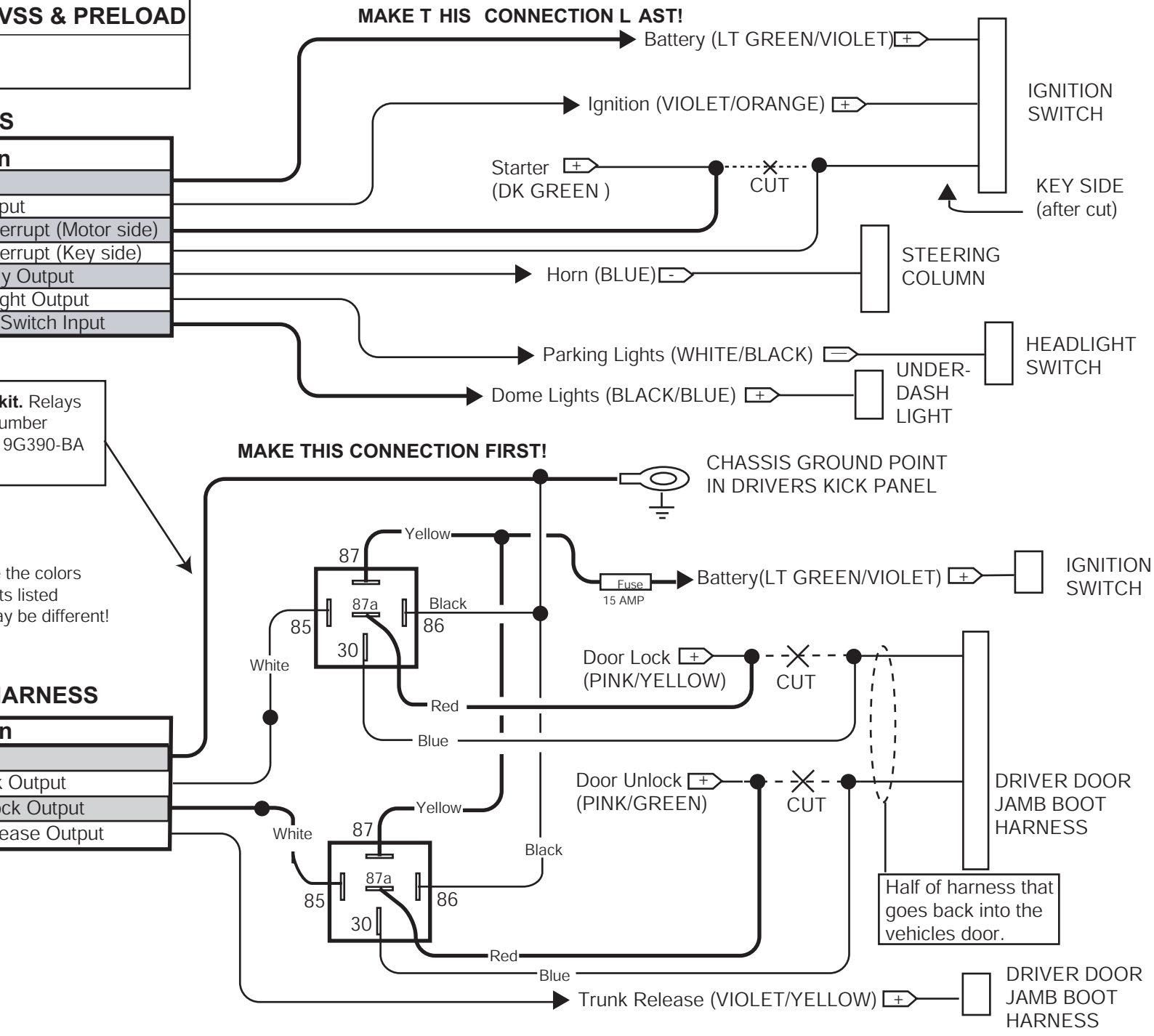
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output



Vehicle (Year/Make/Model)	
'05 Crown Victoria/Grand Marquis	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**PRELOAD**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (VIOLET/ORANGE) (+)

Starter (+) (DK GREEN)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (-)

STEERING COLUMN

Parking Lights (WHITE/BLACK) (+)

HEADLIGHT SWITCH

Dome Lights (BLACK/BLUE) (+)

UNDER-DASH LIGHT

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	WHITE/BLUE	Unlock Switch Sense

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

Door Lock (PINK/YELLOW) (-)

Door Unlock (PINK/GREEN) (-)

Driver Door Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Passenger Door Unlock Motor (PINK/ORANGE) (+)

DDM IN DRIVER'S DOOR

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Factory Alarm Disarm (LT BLUE/BLACK) (-)

IN DRIVER'S DOOR AT KEY SWITCH

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level **ALL**	**System(s) applicable to:** **ALL**
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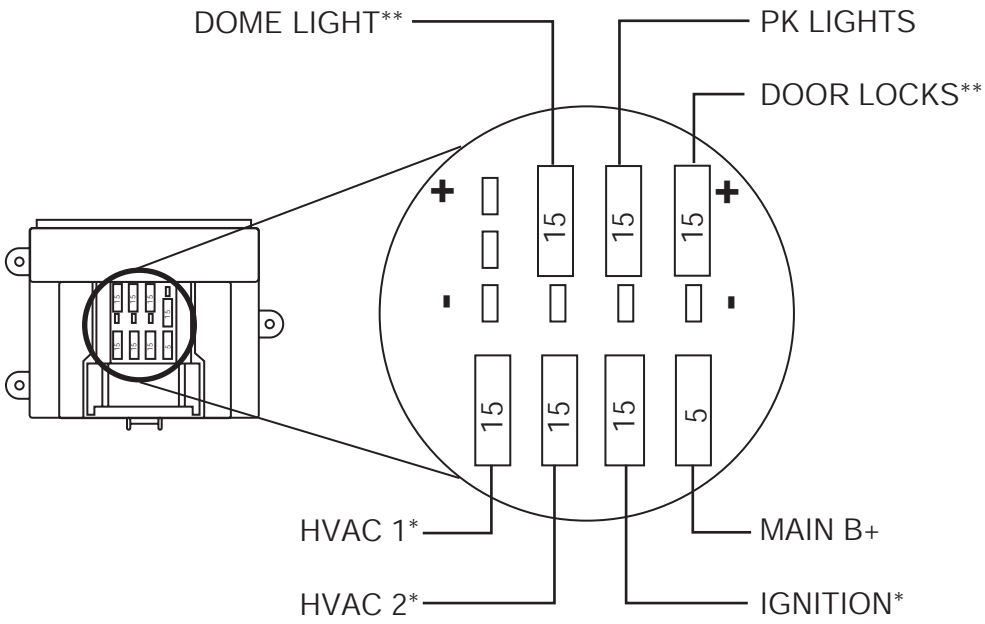
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START (RMST) PARTS REQUIRED:

Securilock (PATS) Interface:
Econoline is not equipped with PATS

Tach Inverter:
2004 - Part # 102818-2 (6.0 Liter Diesel Vehicles)
Call 800-FORD-KEY to order

REMOTE START (RMST) SPECIFIC PROGRAMMING:

Diesel Timer	ON (Diesel vehicles only)
Key in Sense polarity	Negative (Default setting)
Learn Tachometer	Required on all vehicles

RELAY REQUIREMENTS:

2 - Door Lock/Unlock (W/O Factory RKE)
1 - Headlight Illumination (Optional)
1 - Driver's Door Priority Unlock (Optional)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default Setting)

MODULE MOUNTING LOCATION:

Upper Left side of the driver's underdash.

Vehicle (Year/Make/Model)	
'02-'04 Econonline	
Equipment or Trim level **W/Factory RKE**	System(s) applicable to: **RKE/VSS/RMST**
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(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Door Lock (PINK/YELLOW) +

Door Unlock (PINK/GREEN) +

Passenger Door Unlock
(PINK/ORANGE) +

Lock Motor (PINK/BLACK) +

Driver Door Unlock Motor
(RED/ORANGE) +

DRIVER SIDE
KICK PANEL

Optional Installation Feature
See Optional connections page

CUT THIS WIRE OFF AS CLOSE
TO THE CONNECTOR AS POSSIBLE

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	GRAY	Parking Light Output

Dome Light (BLACK/BLUE) +

Park Lights (BROWN) +

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'02-'04 Econonline	
Equipment or Trim level **w/o Factory RKE**	System(s) applicable to: **RKE/VSS/RMST**
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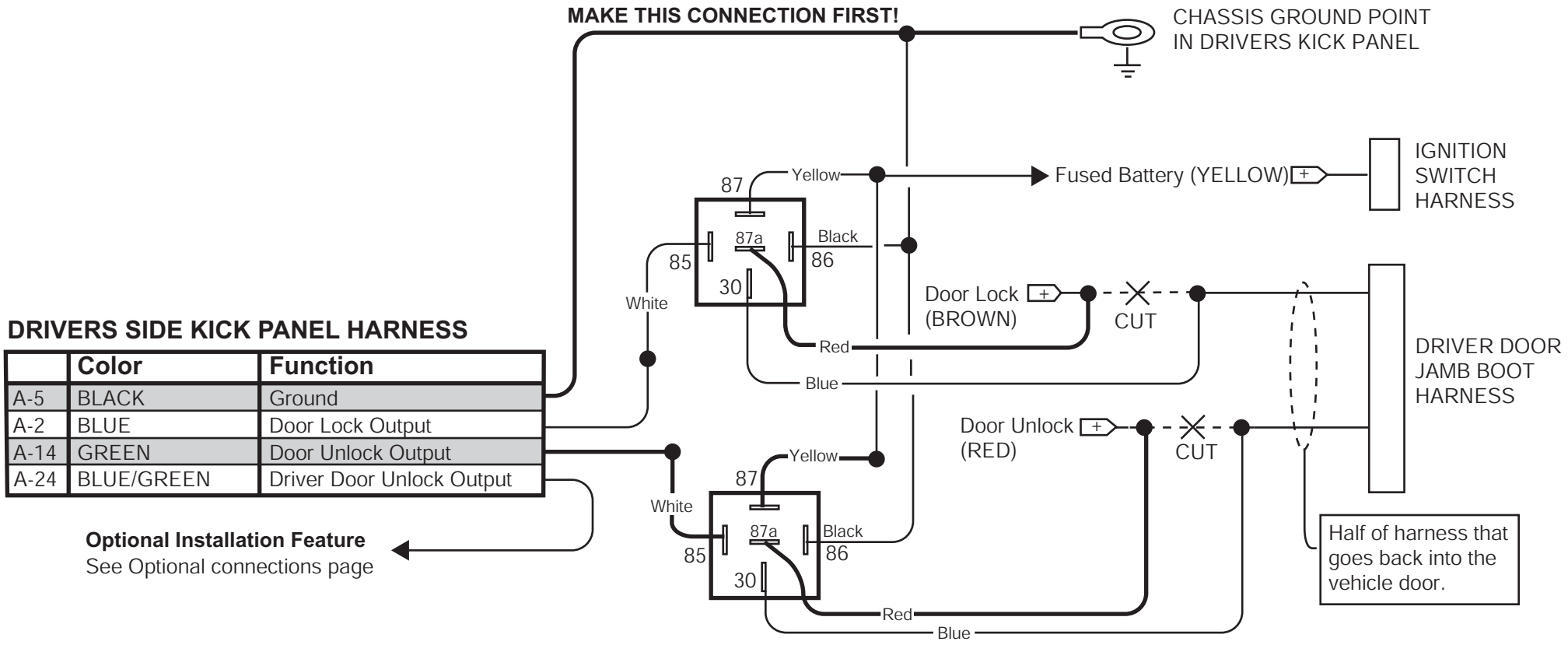
(NOTE: ALSO INCLUDES RKE/RMST)



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Optional Installation Feature
See Optional connections page

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	GRAY	Parking Light Output

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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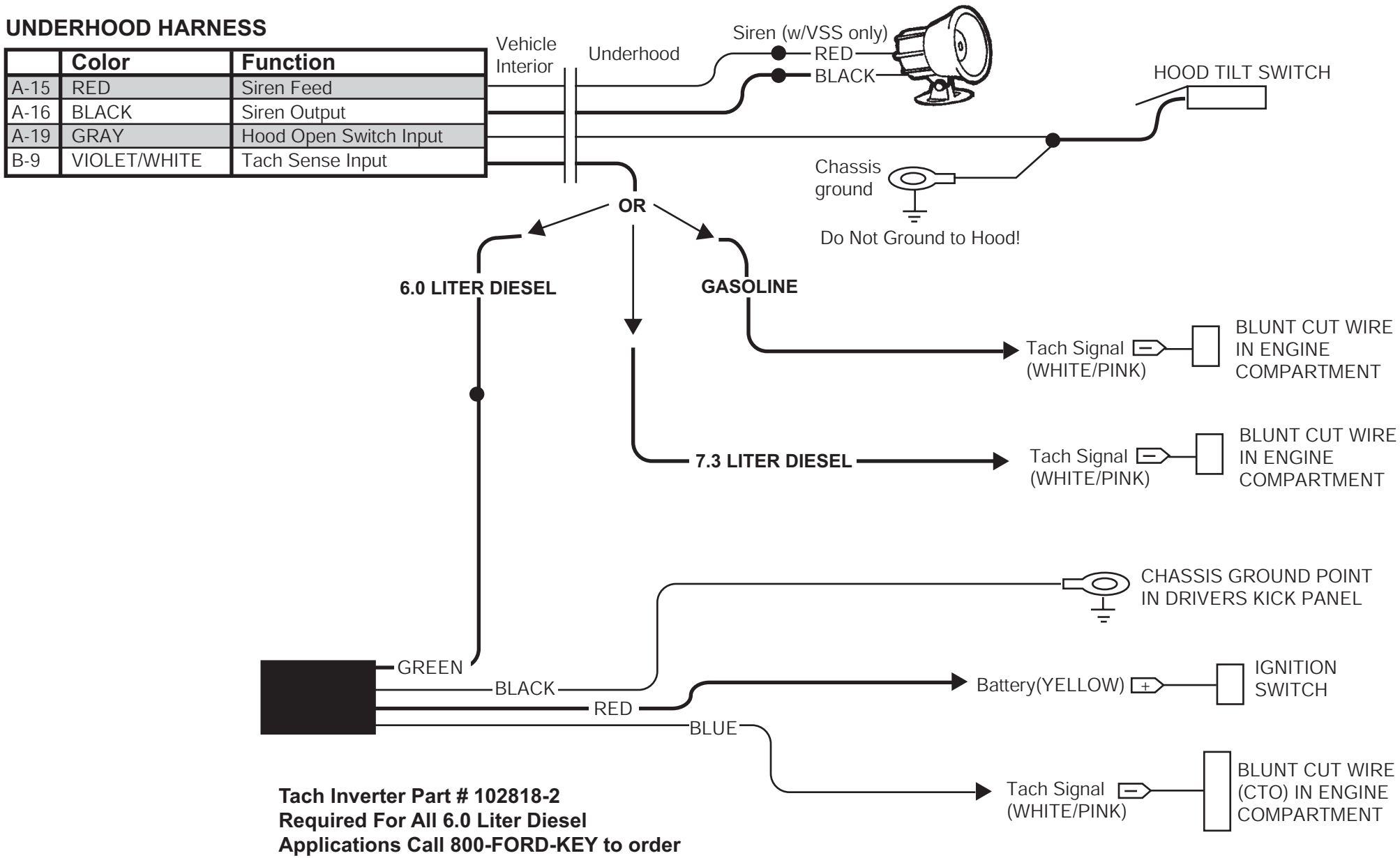
(NOTE: ALSO INCLUDES RKE/RMST)

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel
Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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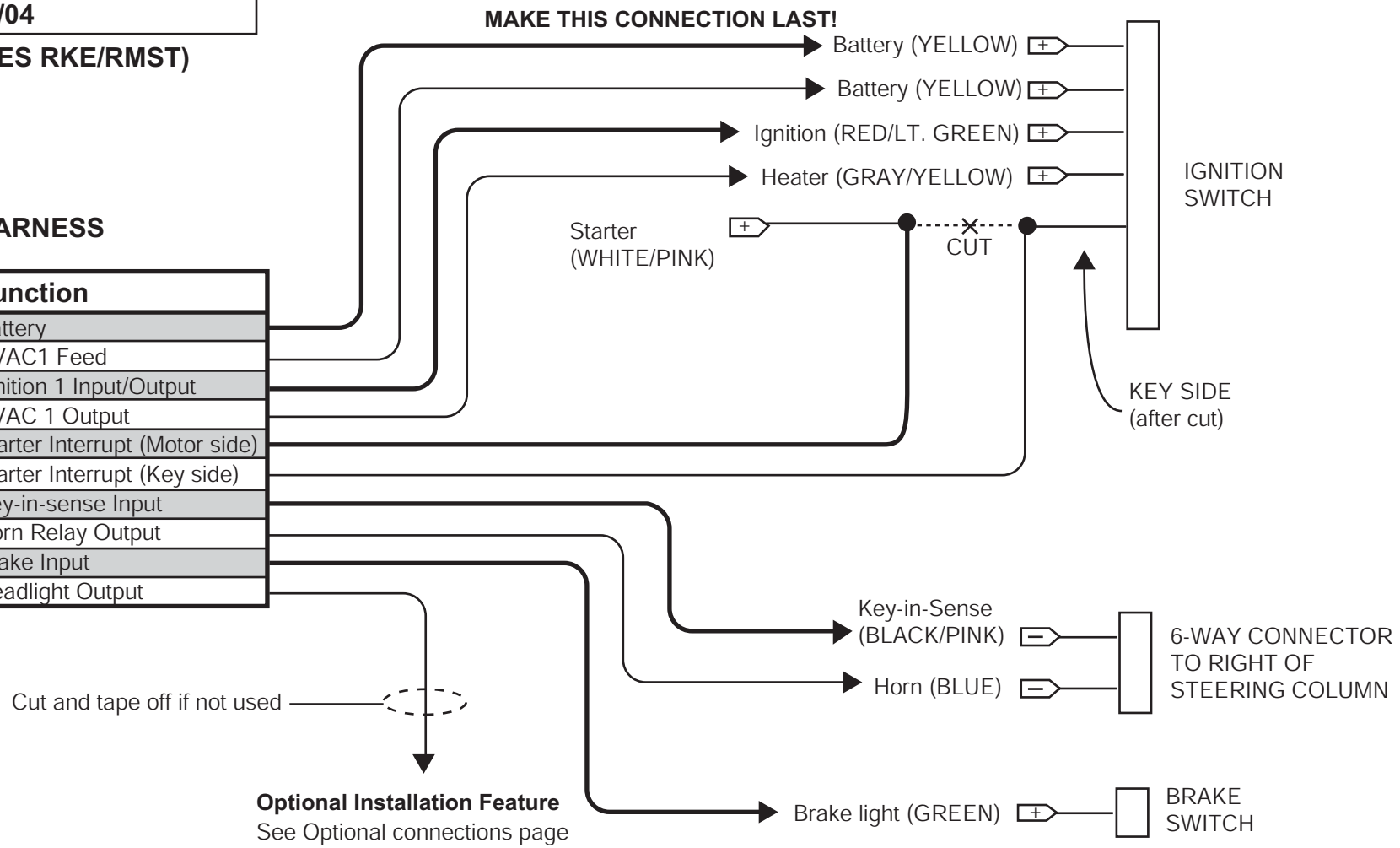
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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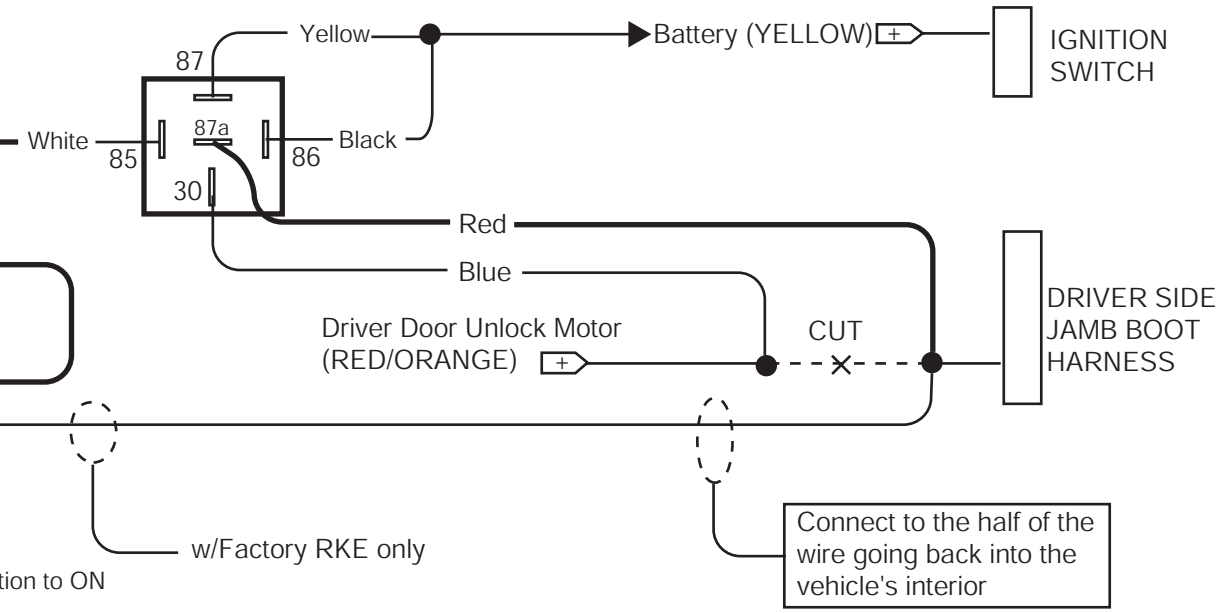
(NOTE: ALSO INCLUDES RKE/RMST)
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

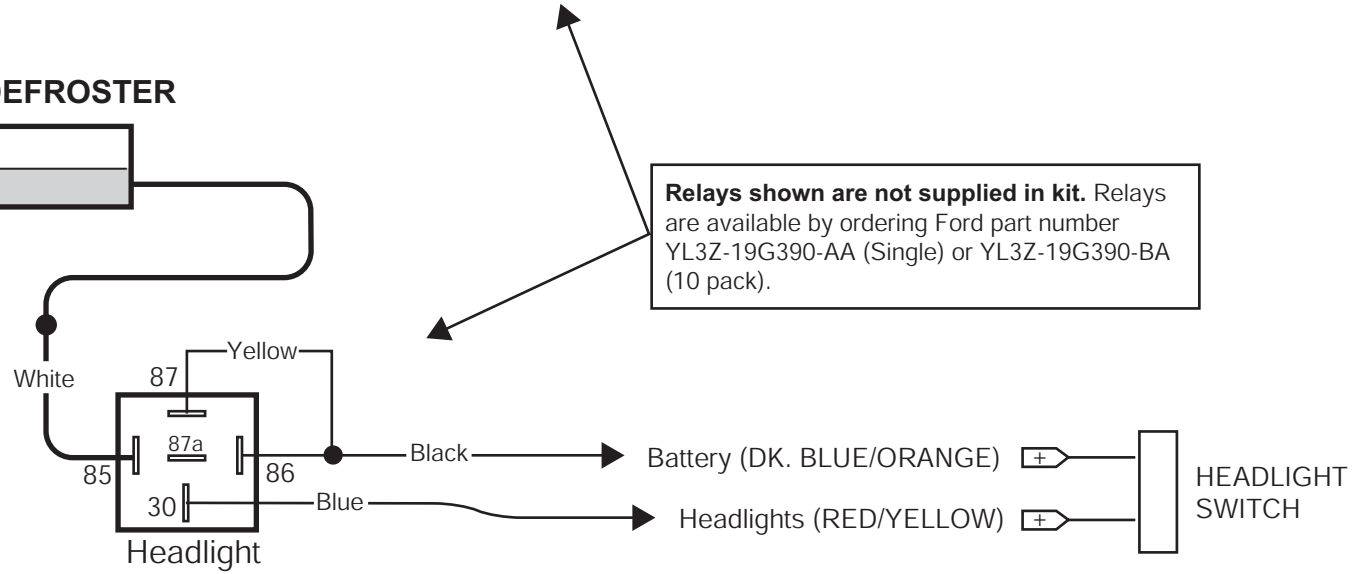
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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STEERING COLUMN HARNESS

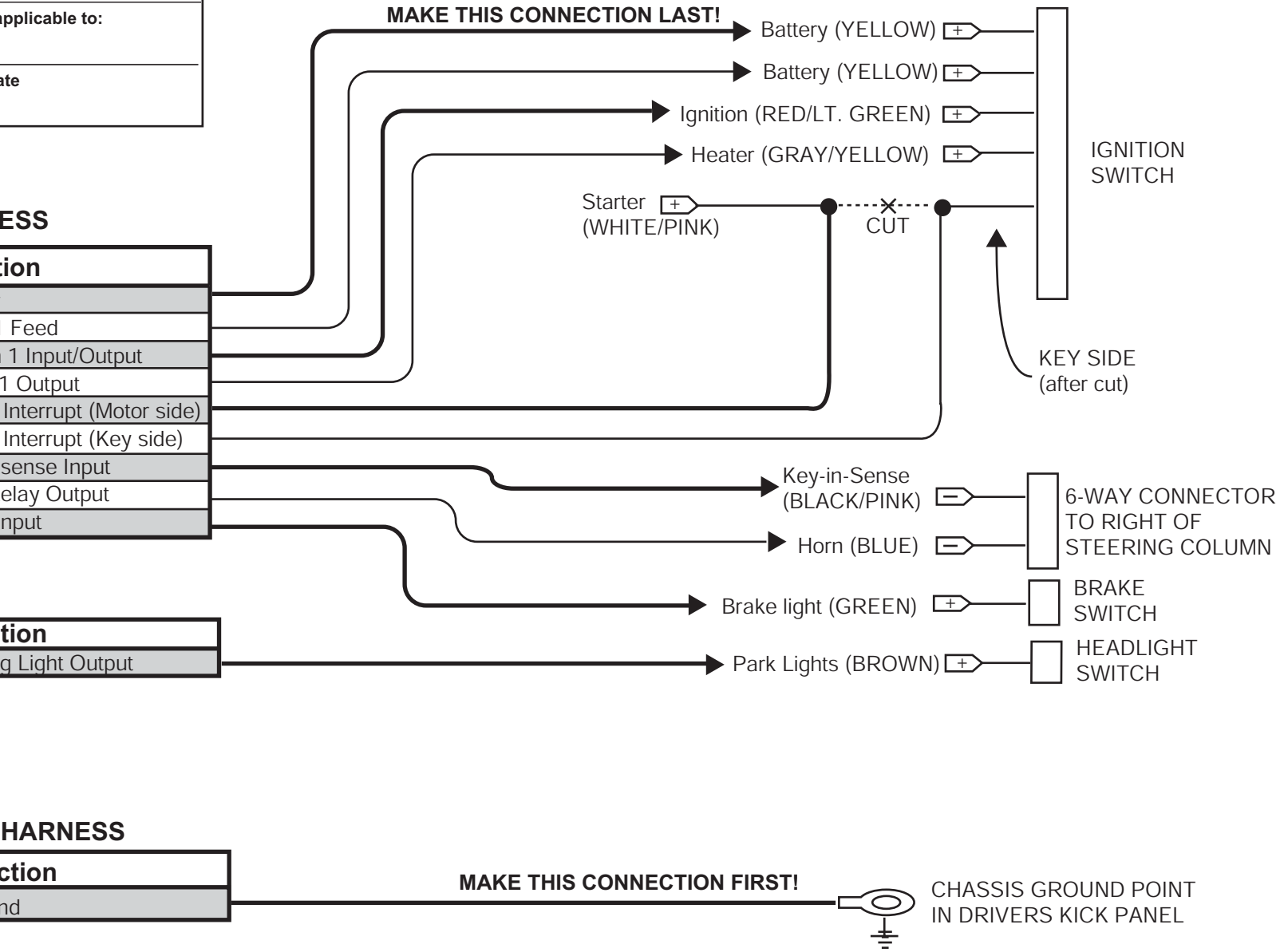
	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Parking Light Output

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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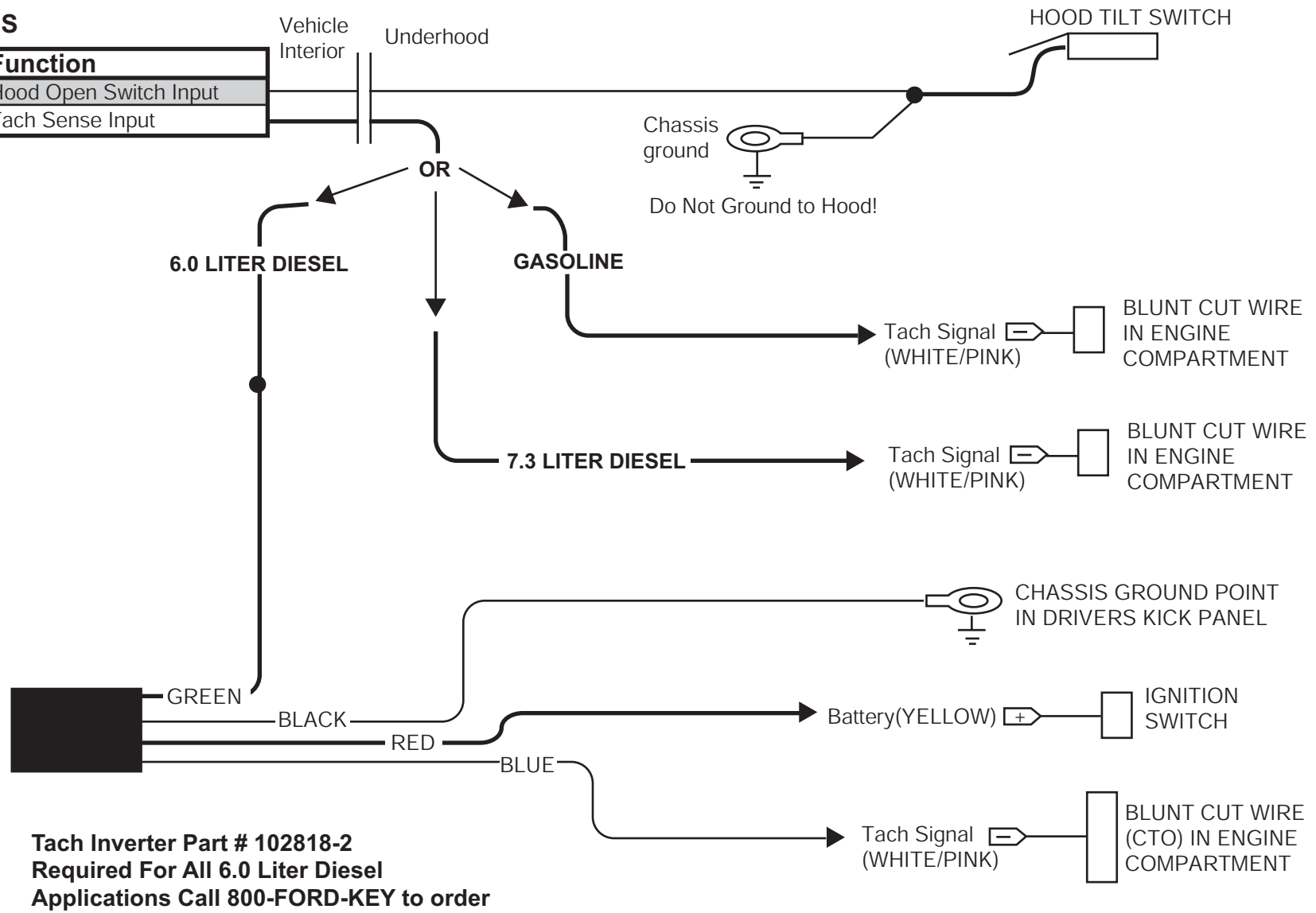
IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level w/ Factory RKE	System(s) applicable to: Deluxe RKE/VSS
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Door Lock (PINK/YELLOW) +
Door Unlock (PINK/GREEN) +
Lock Motor (PINK/BLACK) +
Driver Door Unlock Motor (RED/ORANGE) +
Passenger Door Unlock Motor (PINK/ORANGE) +

DRIVER SIDE KICK PANEL

Cut and tape off if not used

Optional Installation Feature
See Optional connections page

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/BLUE) +
Park Lights (BROWN) +

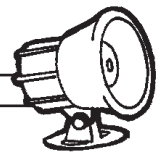
HEADLIGHT SWITCH

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED
BLACK



Siren

Vehicle (Year/Make/Model)	
'02-'04 Econonline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	Deluxe RKE/VSS
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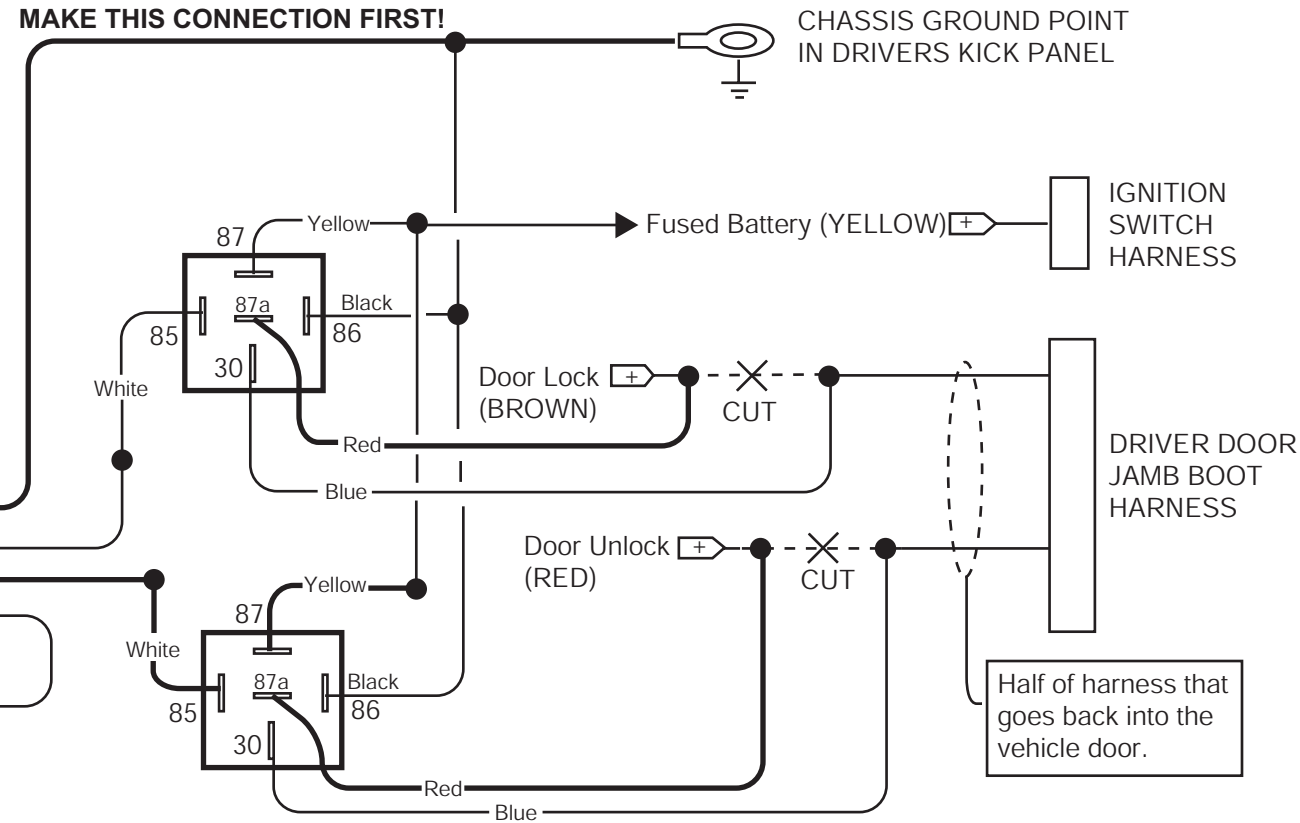


DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

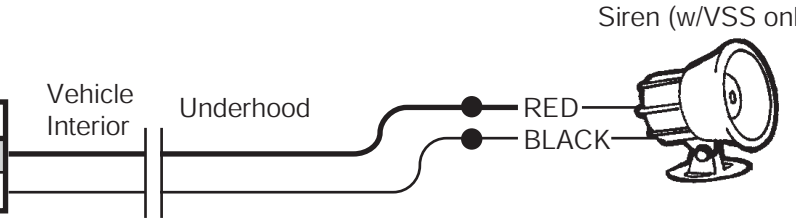
Optional Installation Feature
See Optional connections page

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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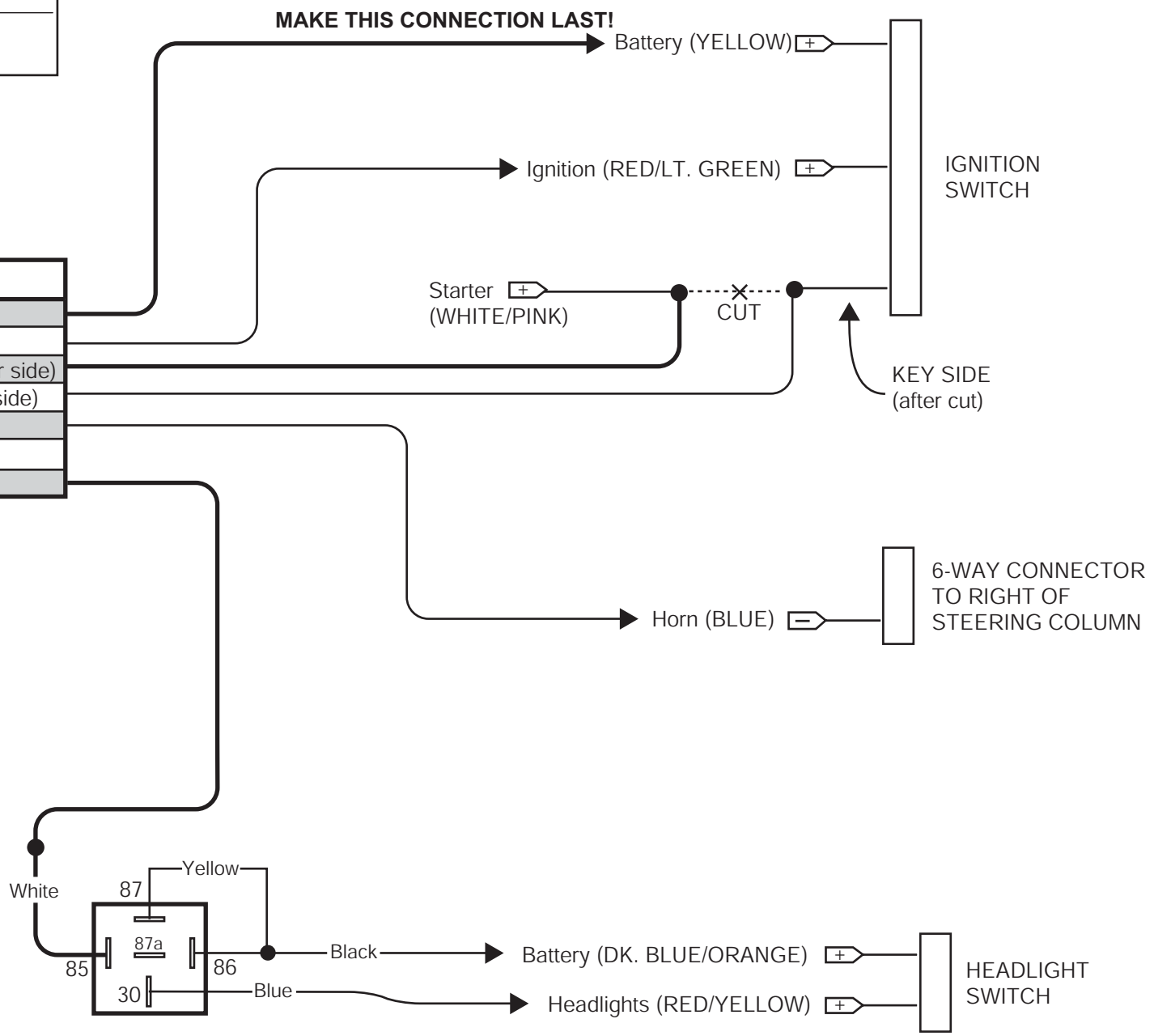
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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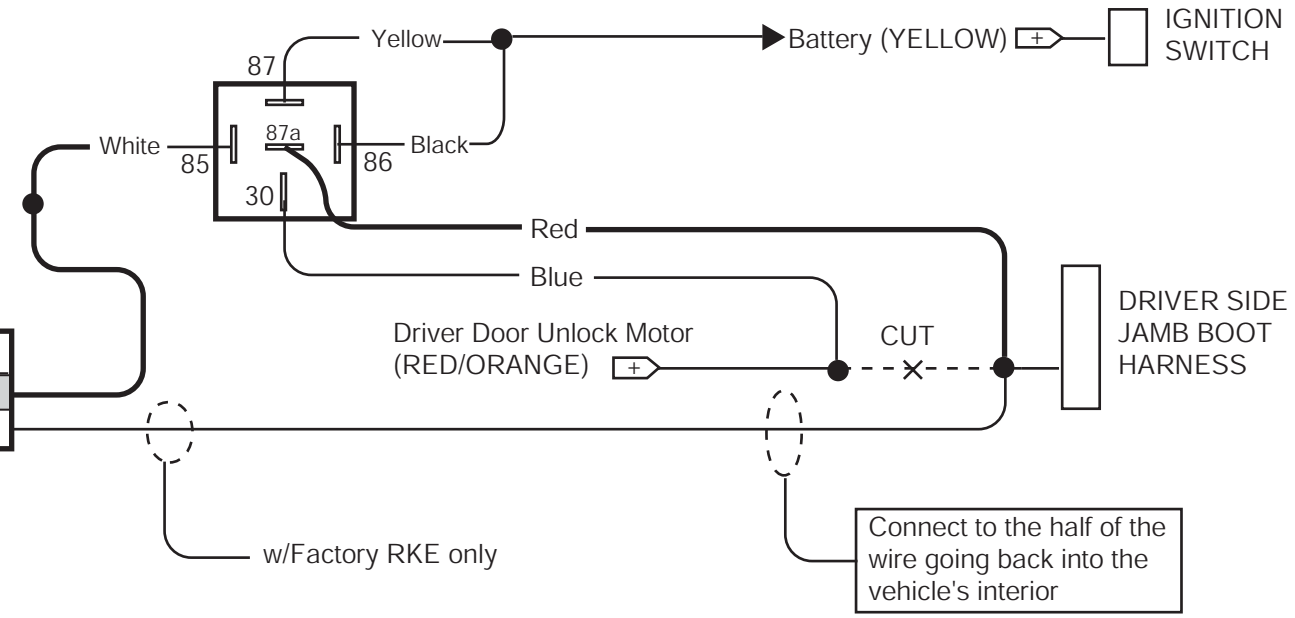
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

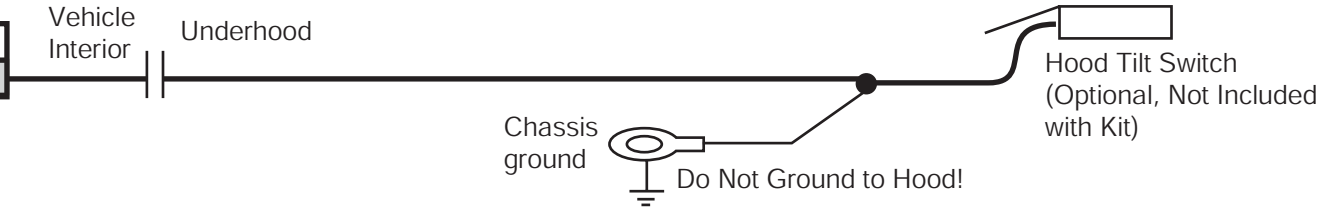
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
Page	**Revision Date**
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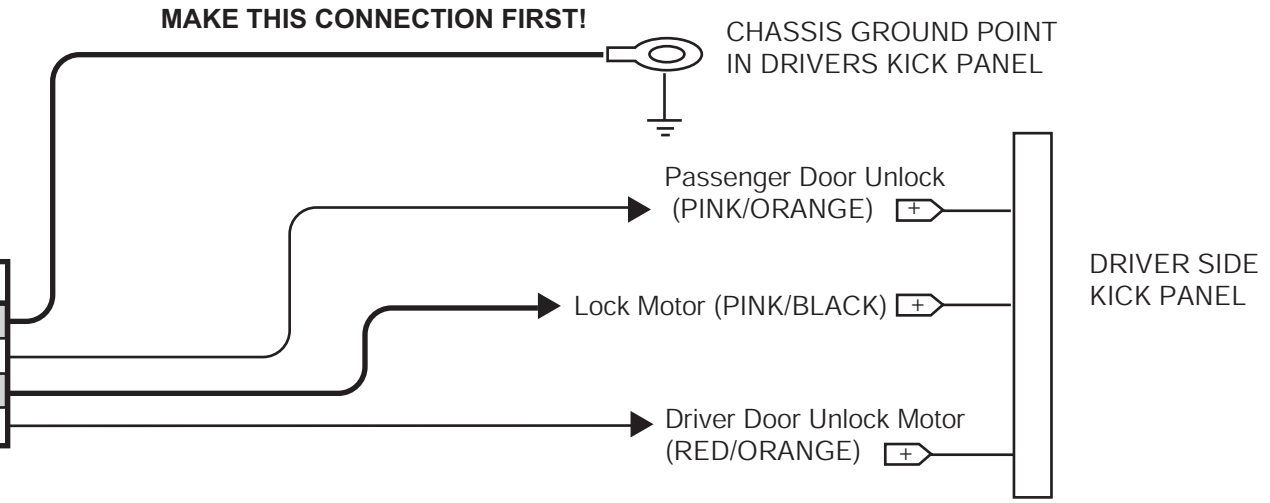
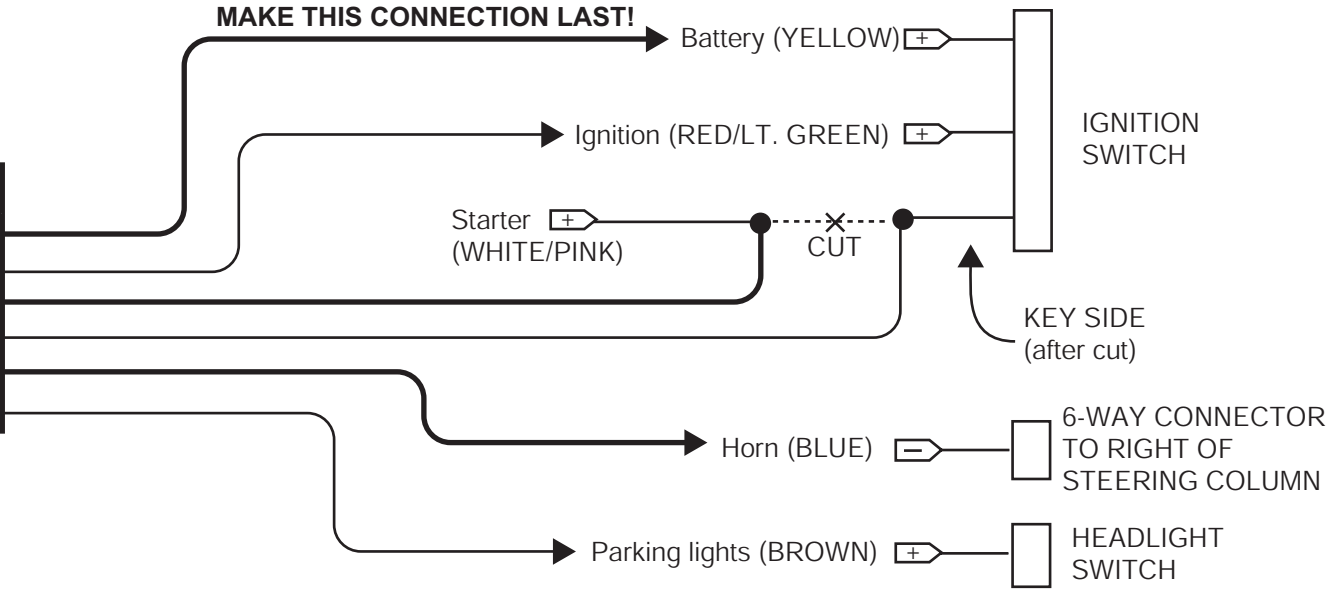
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02-'04 Econonline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	RKE/VSS & RKE
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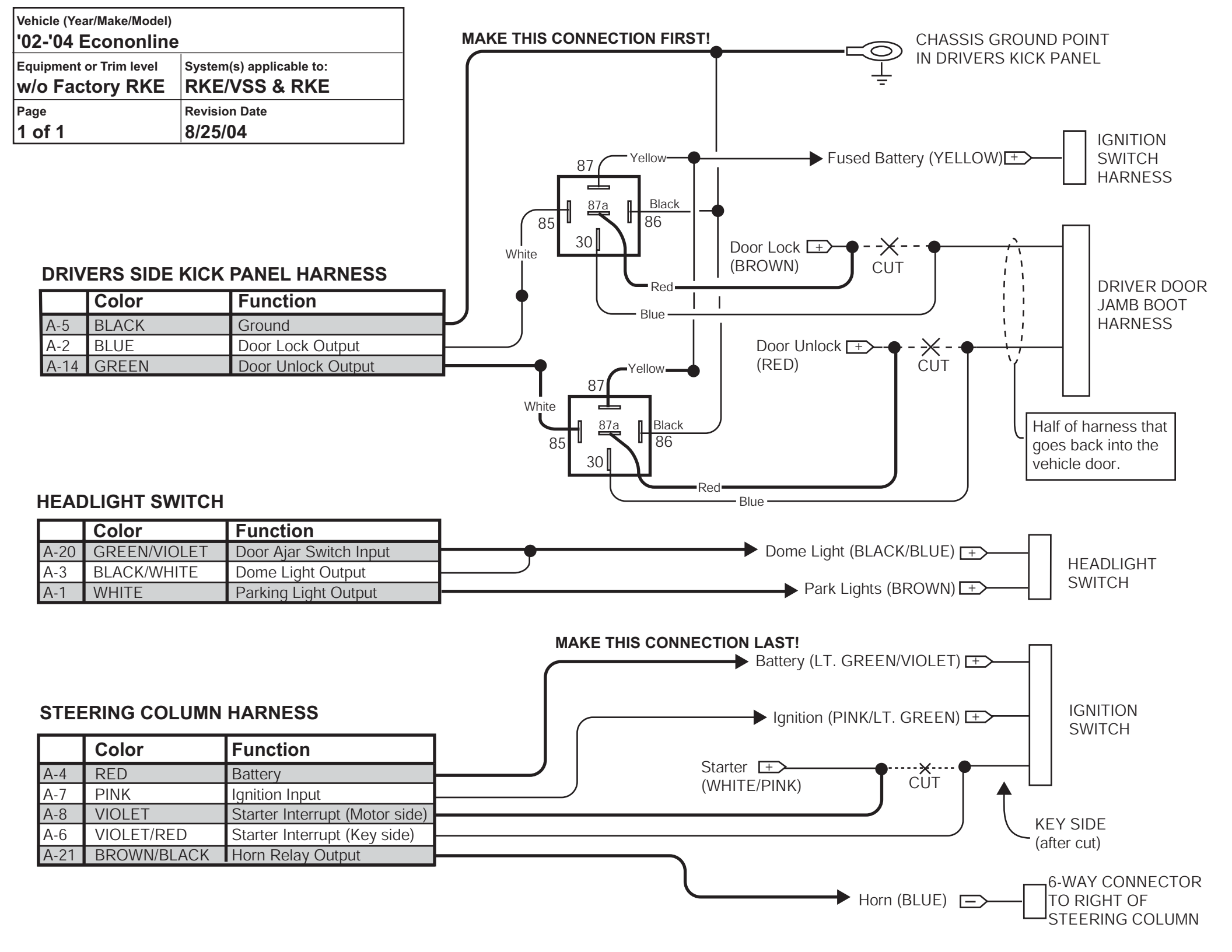

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS & VSS**
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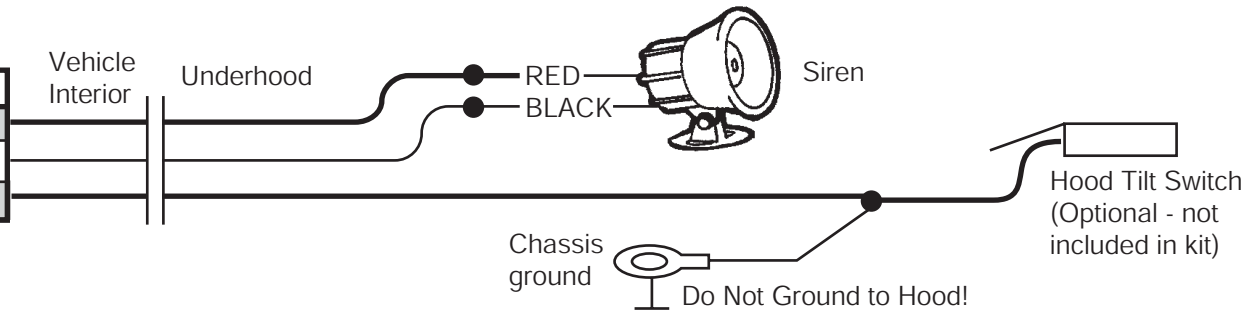
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	PRELOAD
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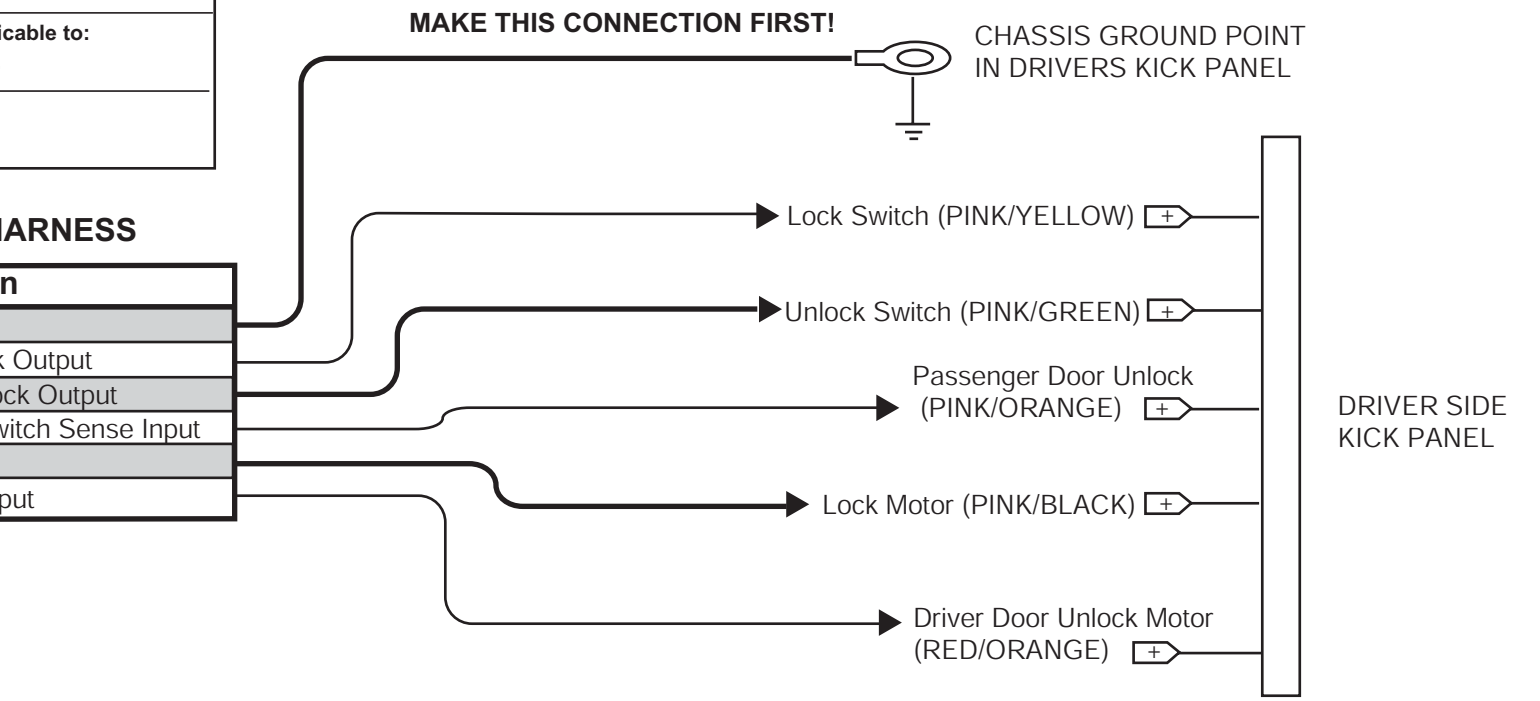
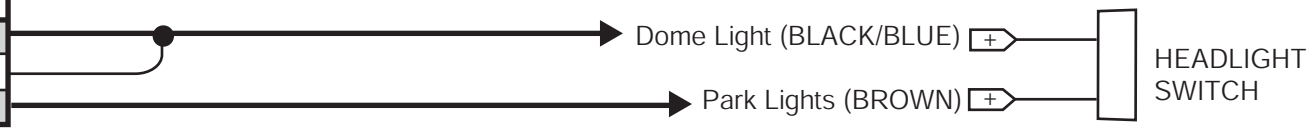
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



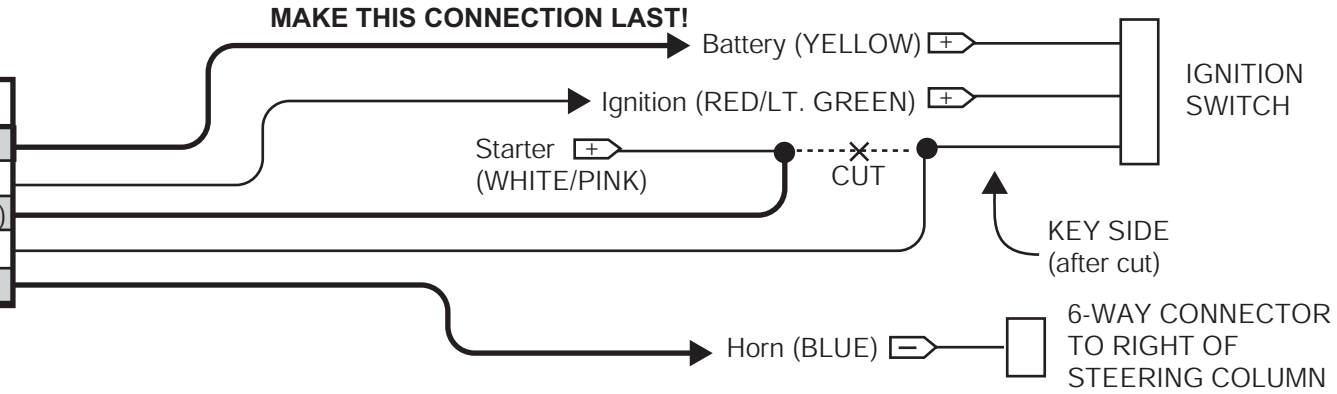
HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'02-'04 Econoline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	PRELOAD
Page	Revision Date
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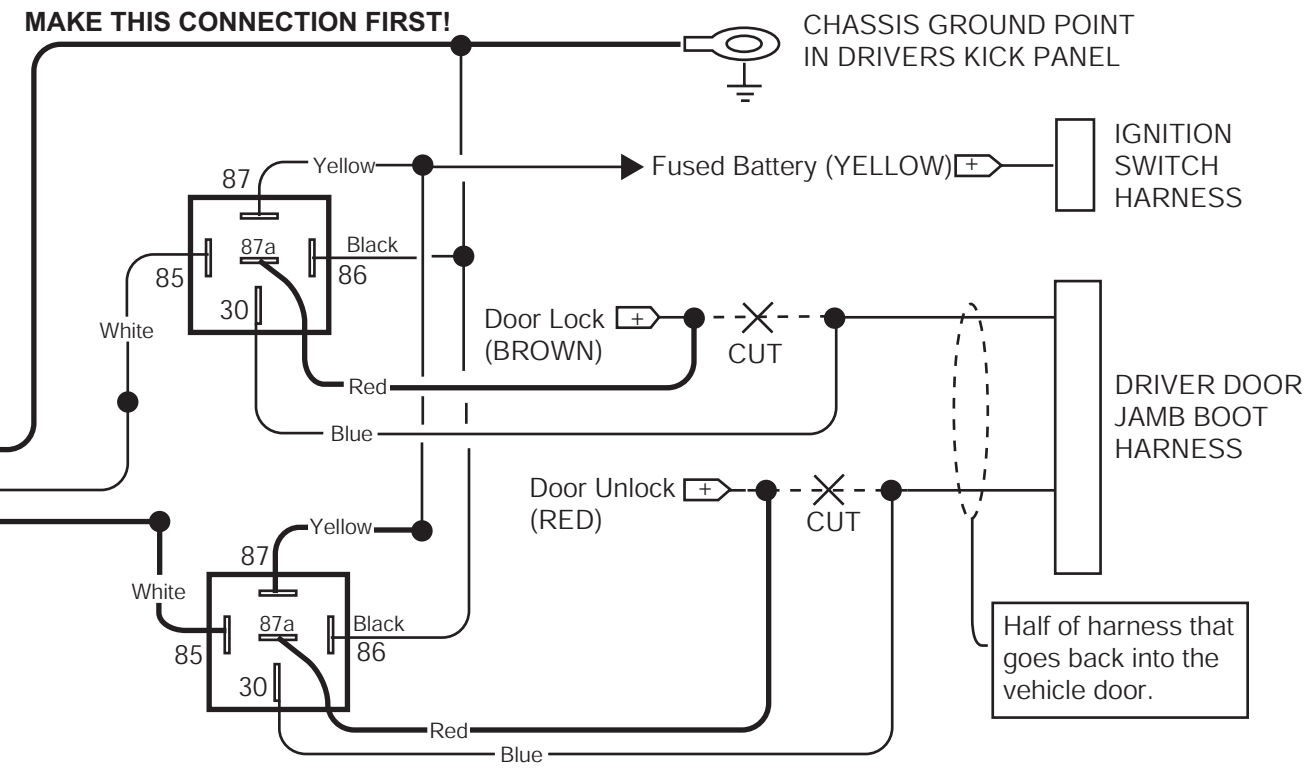
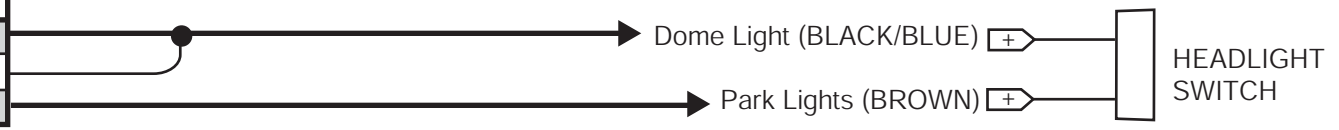


DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

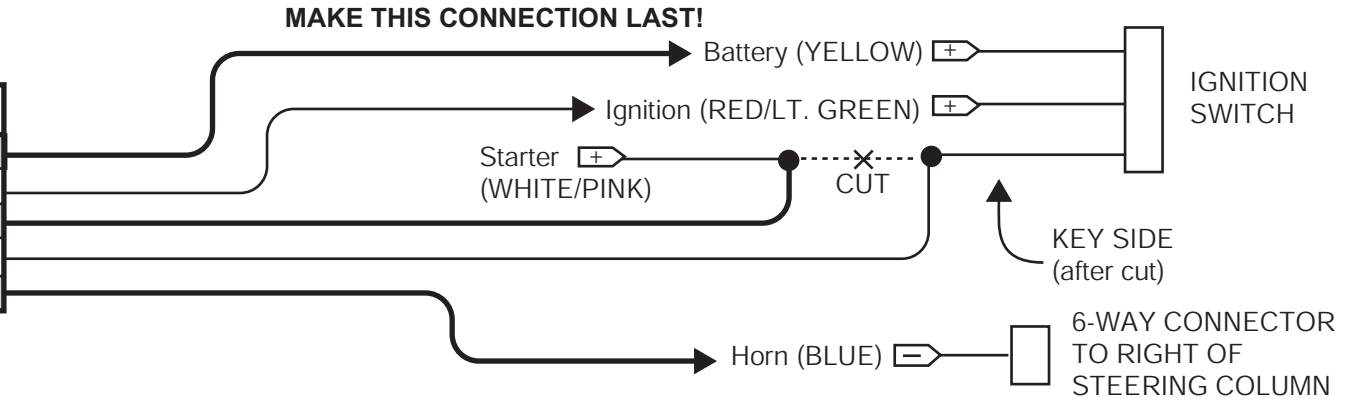
HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level **ALL**	**System(s) applicable to:** **ALL**
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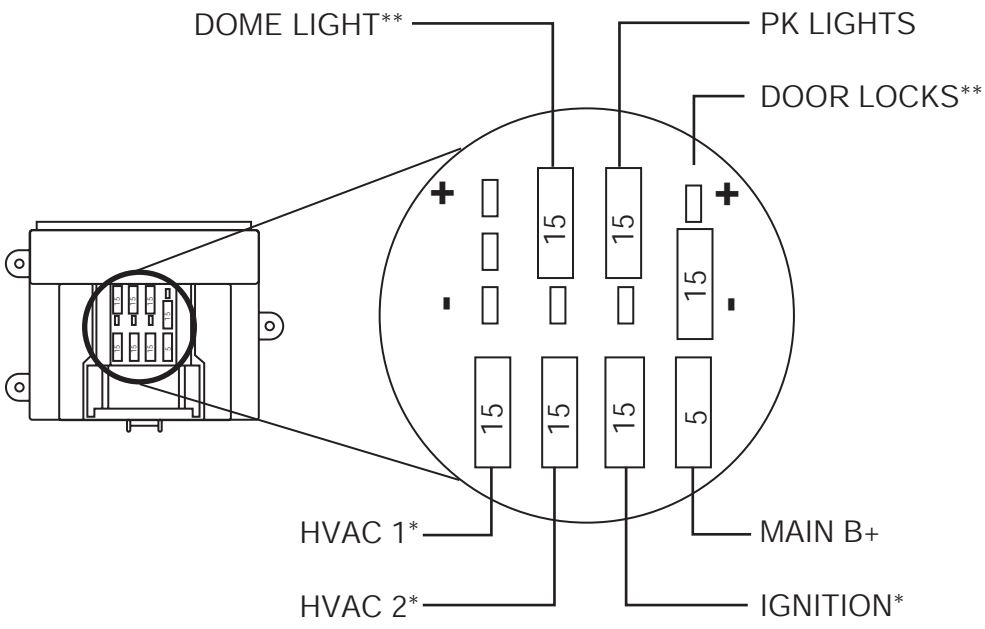
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START (RMST) PARTS REQUIRED:

Securilock (PATS) Interface:
Econoline is not equipped with PATS

Tach Inverter:
2005 - Part # 102818-2 (6.0 Liter Diesel Vehicles)
Call 800-FORD-KEY to order

REMOTE START (RMST) SPECIFIC PROGRAMMING:

Diesel Timer	ON (Diesel vehicles only)
Key in Sense polarity	Negative (Default setting)
Learn Tachometer	Required on all vehicles

RELAY REQUIREMENTS:

2 - Door Lock/Unlock (W/O Factory RKE)
1 - Headlight Illumination (Optional)
1 - Driver's Door Priority Unlock (Optional)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default Setting)

MODULE MOUNTING LOCATION:

Upper Left side of the driver's underdash.

Vehicle (Year/Make/Model)	
'05 Econonline	
Equipment or Trim level	System(s) applicable to:
W/Factory RKE	**RKE/VSS/RMST**
Page	Revision Date
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(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Passenger Door Unlock
(PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor
(RED/ORANGE) (+)

DRIVER SIDE
KICK PANEL

Optional Installation Feature
See Optional connections page

CUT THIS WIRE OFF AS CLOSE
TO THE CONNECTOR AS POSSIBLE

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	GRAY	Parking Light Output

Dome Light (BLACK/BLUE) (+)

Park Lights (BROWN) (+)

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'05 Econonline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	RKE/VSS/RMST
Page	Revision Date
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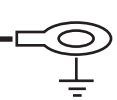
(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

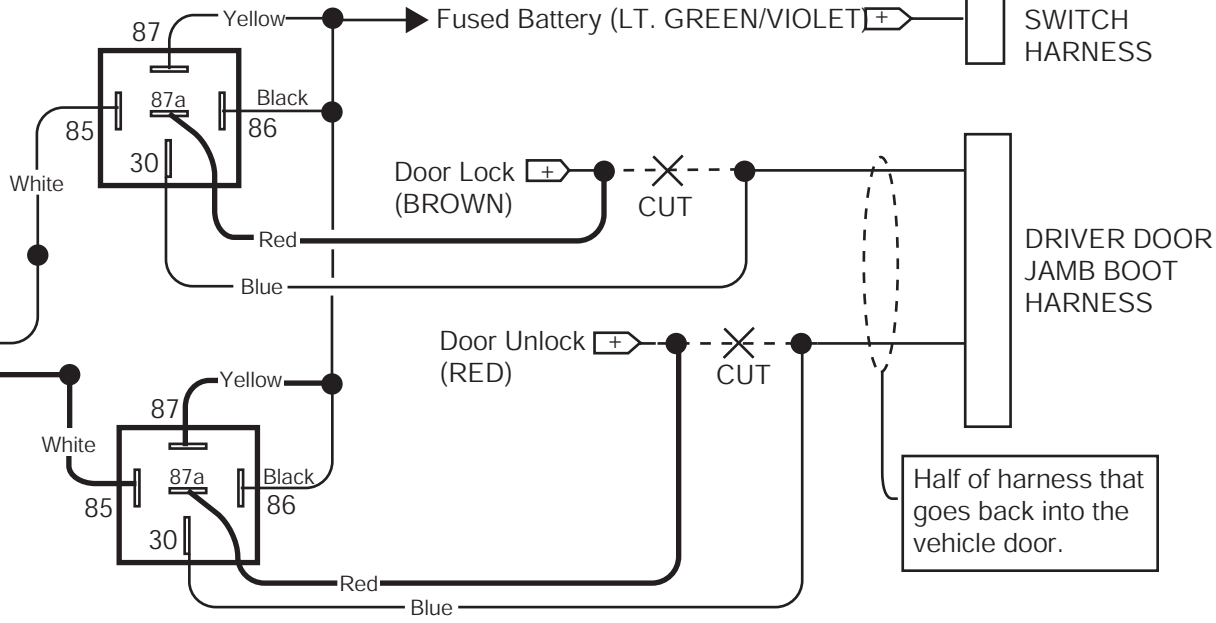


CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Optional Installation Feature
See Optional connections page



HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	GRAY	Parking Light Output

Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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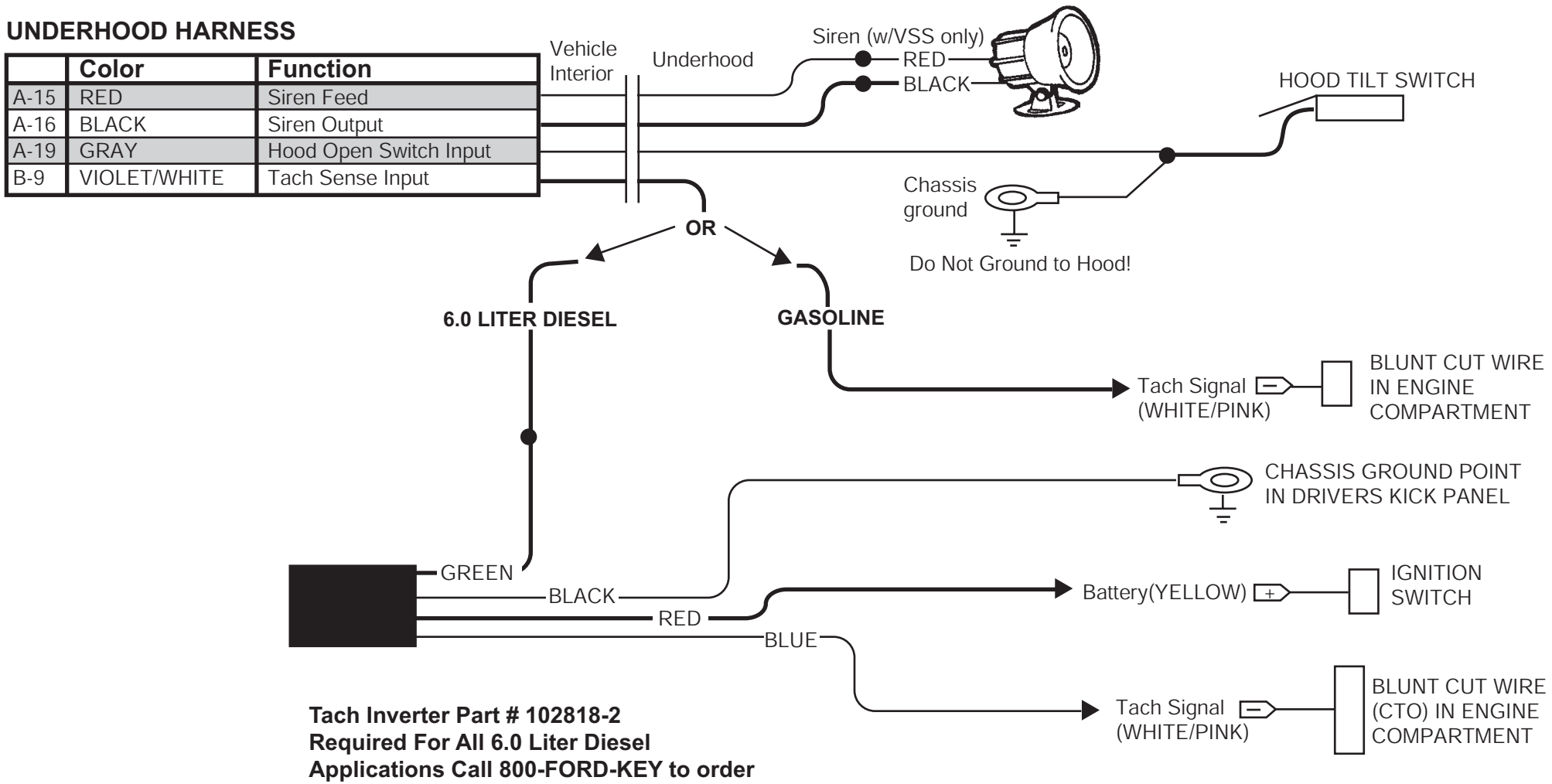
(NOTE: ALSO INCLUDES RKE/RMST)

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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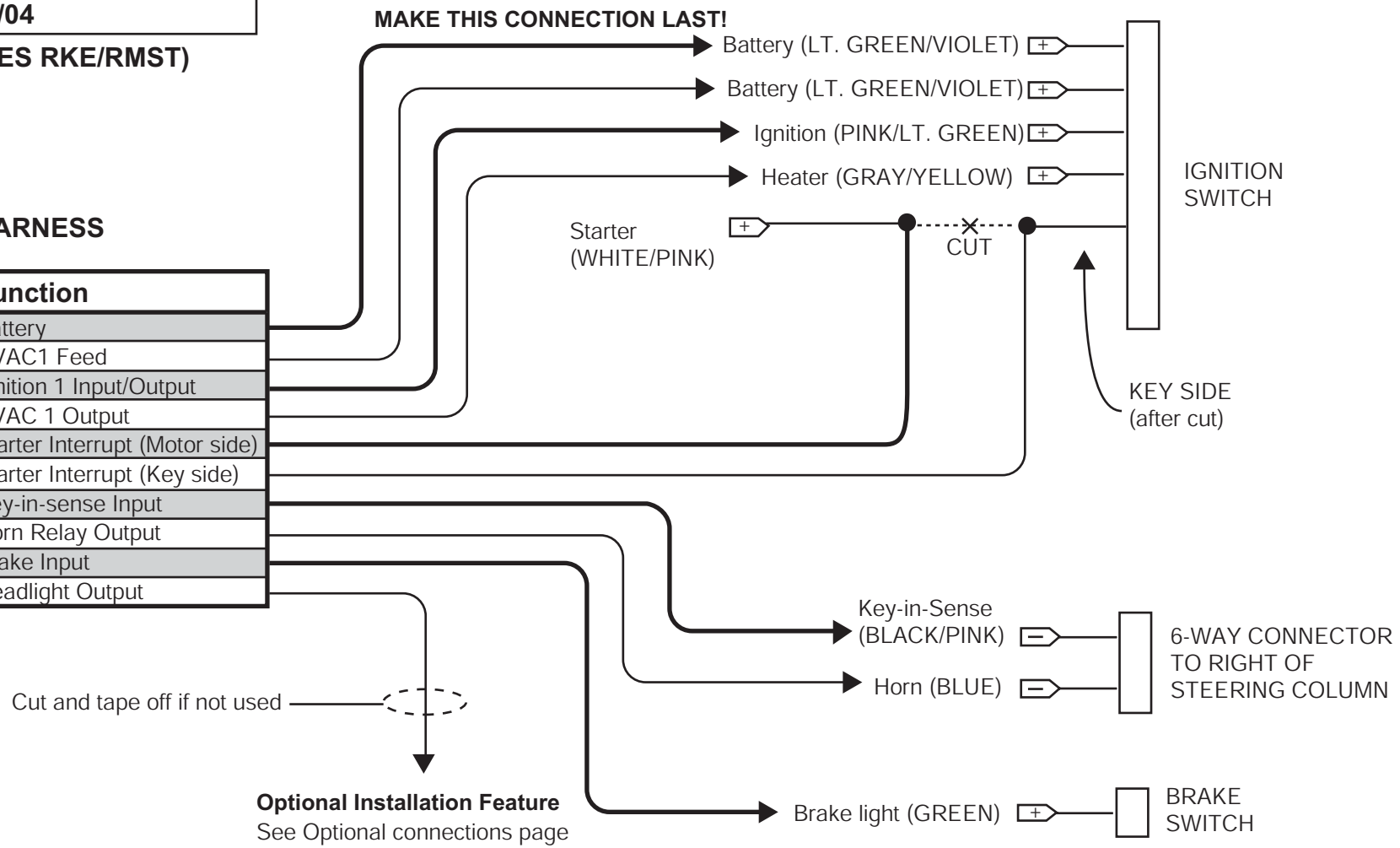
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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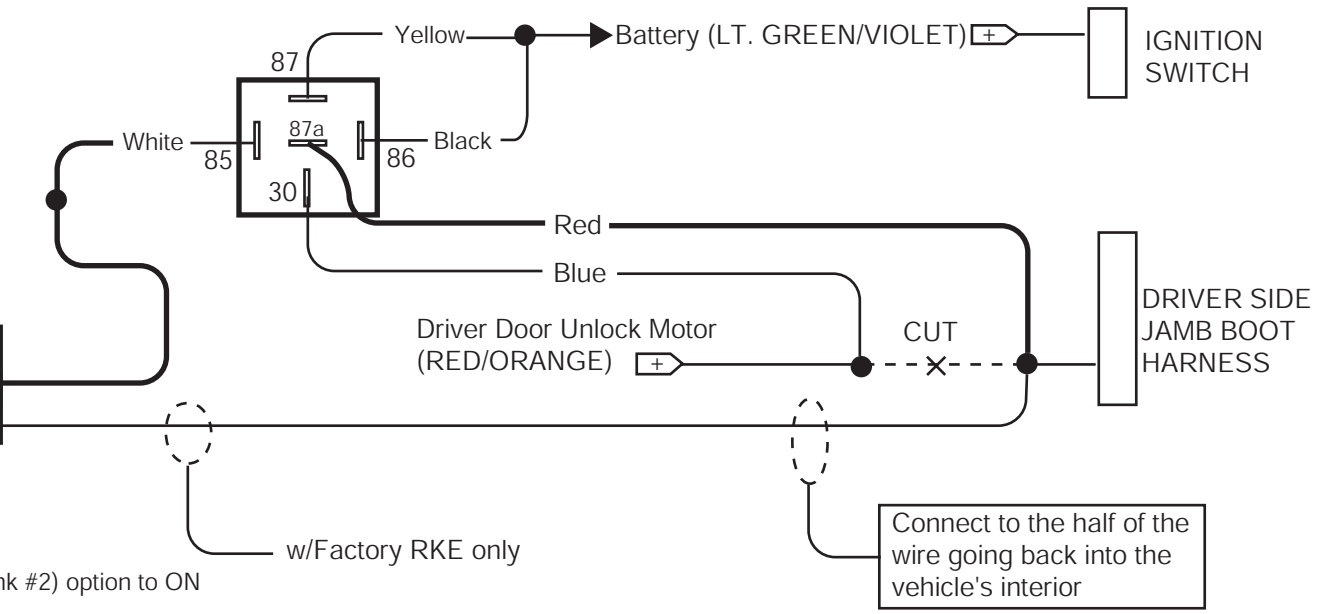
(NOTE: ALSO INCLUDES RKE/RMST)
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

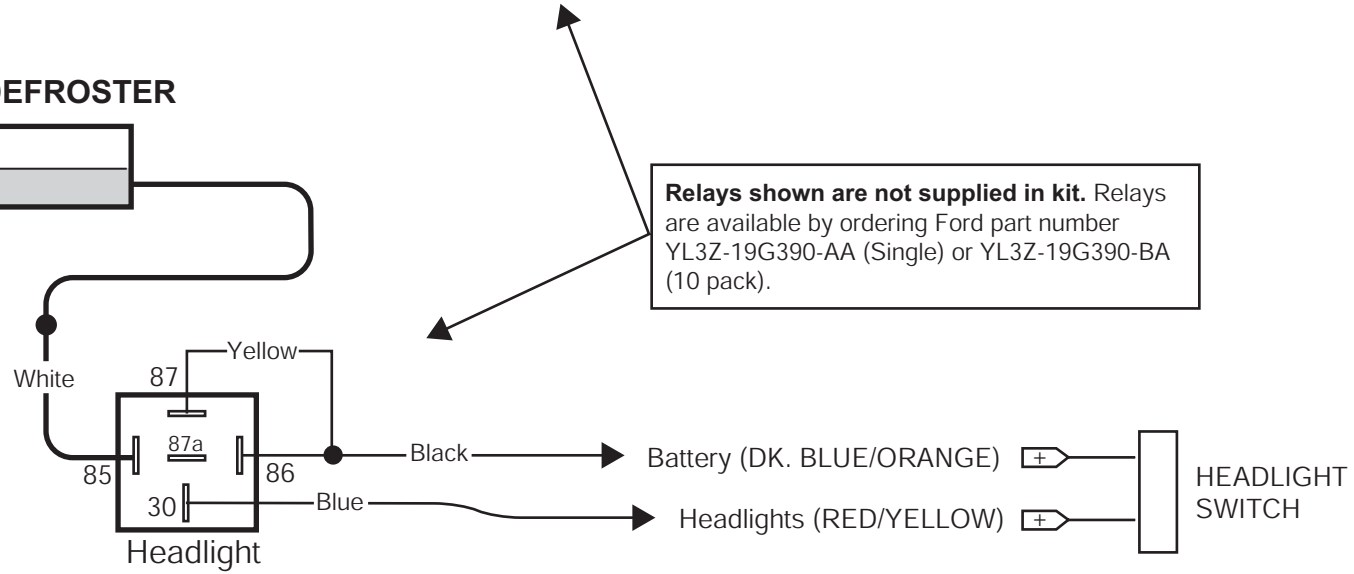
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	RMST
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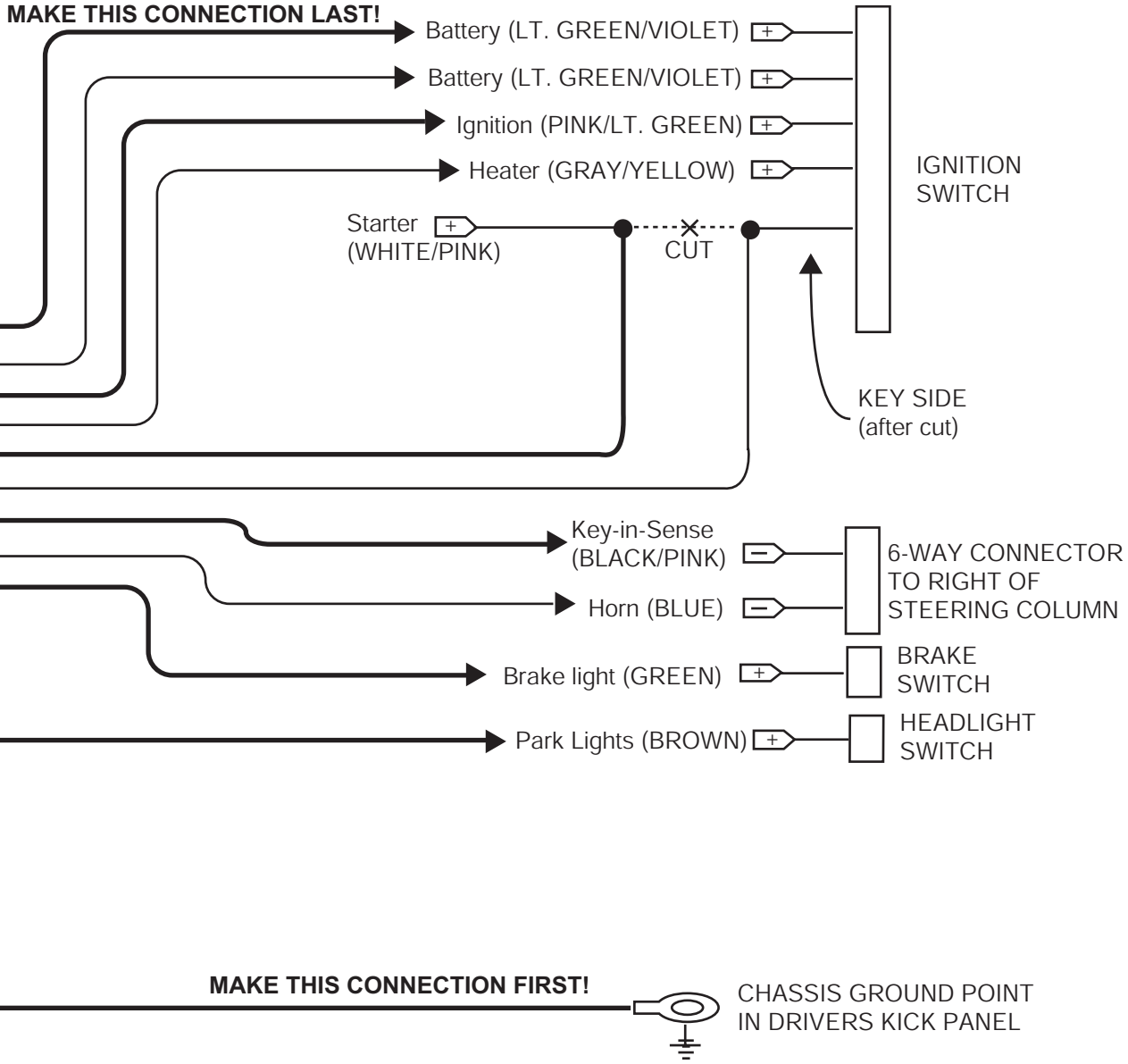


STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Parking Light Output

DRIVER SIDE KICK PANEL HARNESS

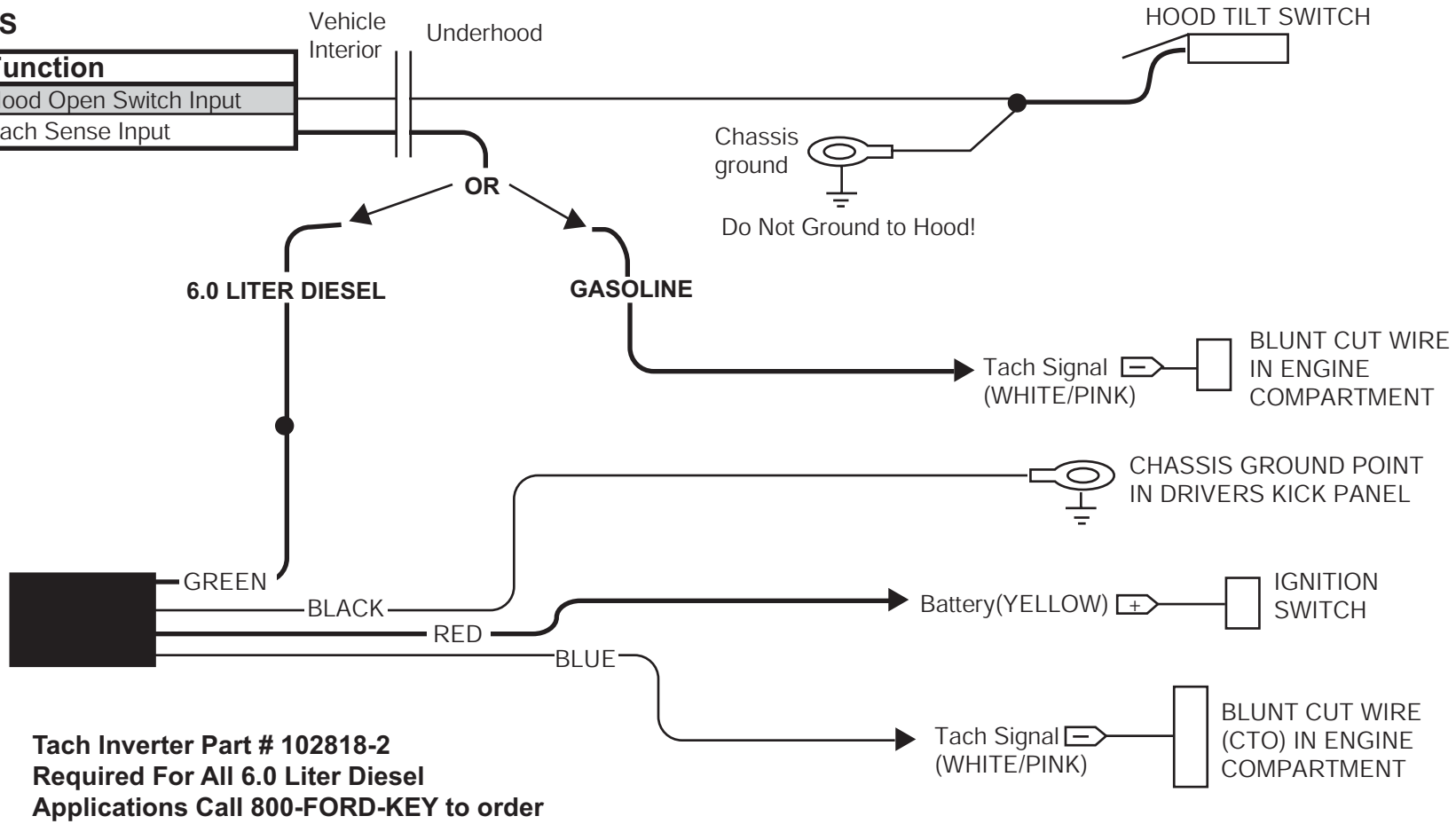
	Color	Function
A-5	BLACK	Ground

Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level ALL	System(s) applicable to: RMST
Page 2 of 2	Revision Date 8/25/04

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'05 Econonline	
Equipment or Trim level w/ Factory RKE	System(s) applicable to: Deluxe RKE/VSS
Page 1 of 4	Revision Date 5/27/04

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Door Lock (PINK/YELLOW) −
Door Unlock (PINK/GREEN) −
Lock Motor (PINK/BLACK) +
Driver Door Unlock Motor (RED/ORANGE) +
Passenger Door Unlock Motor (PINK/ORANGE) +

DRIVER SIDE KICK PANEL

Cut and tape off if not used

Optional Installation Feature
See Optional connections page

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/BLUE) +
Park Lights (BROWN) +

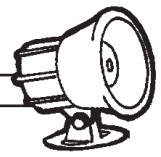
HEADLIGHT SWITCH

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED
BLACK



Siren

Vehicle (Year/Make/Model)	
'05 Econonline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	Deluxe RKE/VSS
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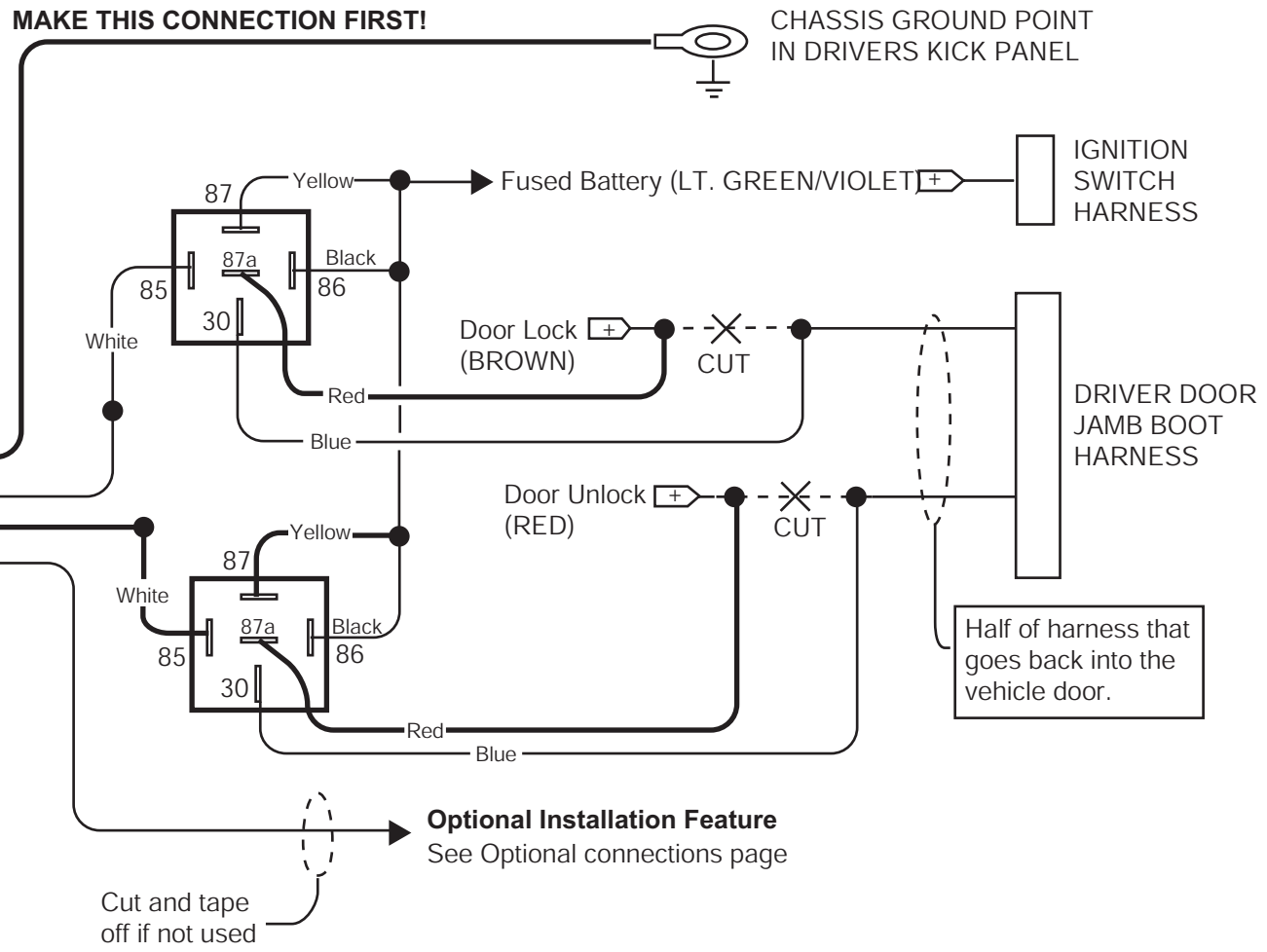


DRIVERS SIDE KICK PANEL HARNESS

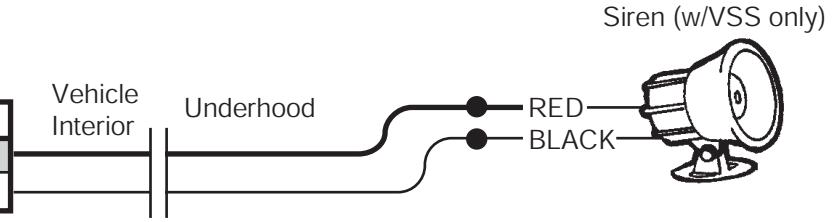
	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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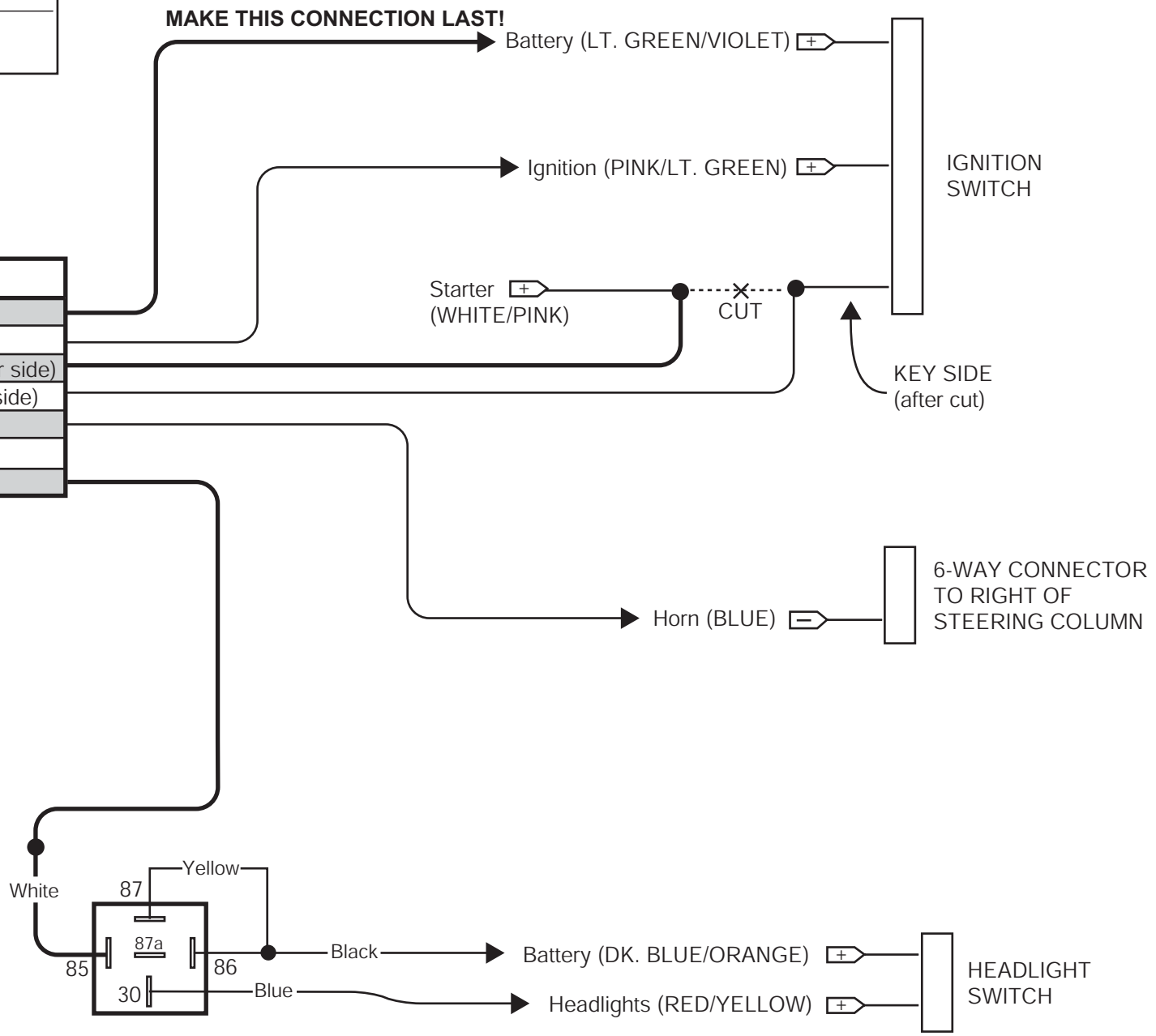
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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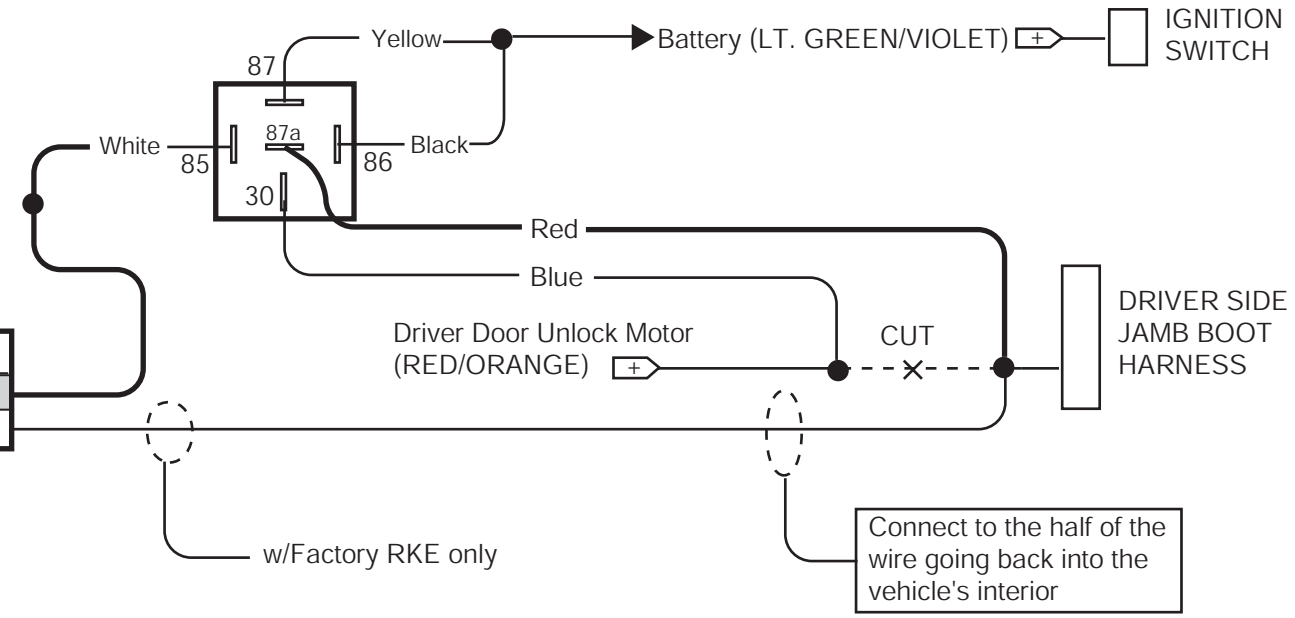
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

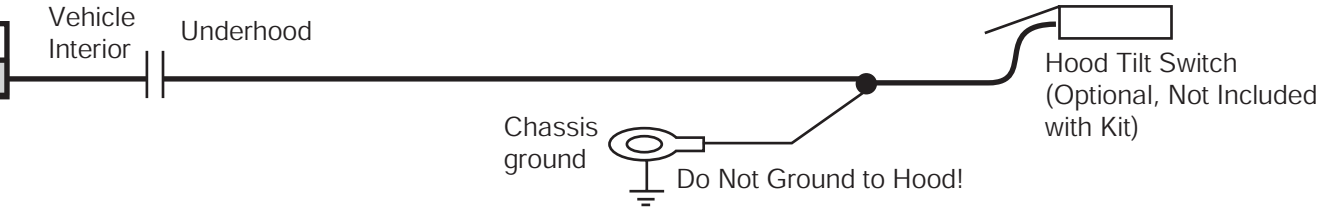
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
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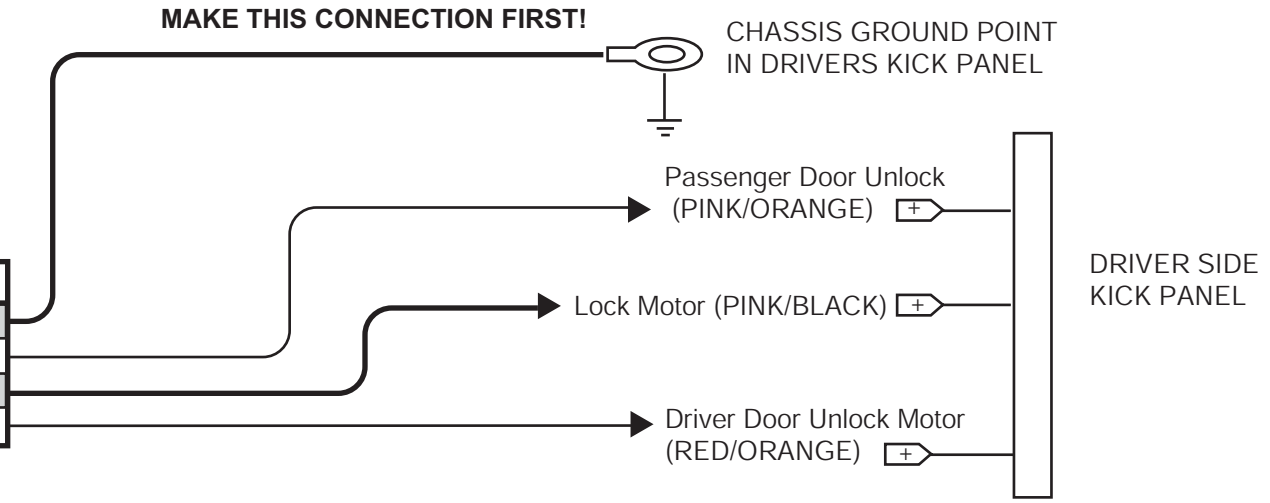
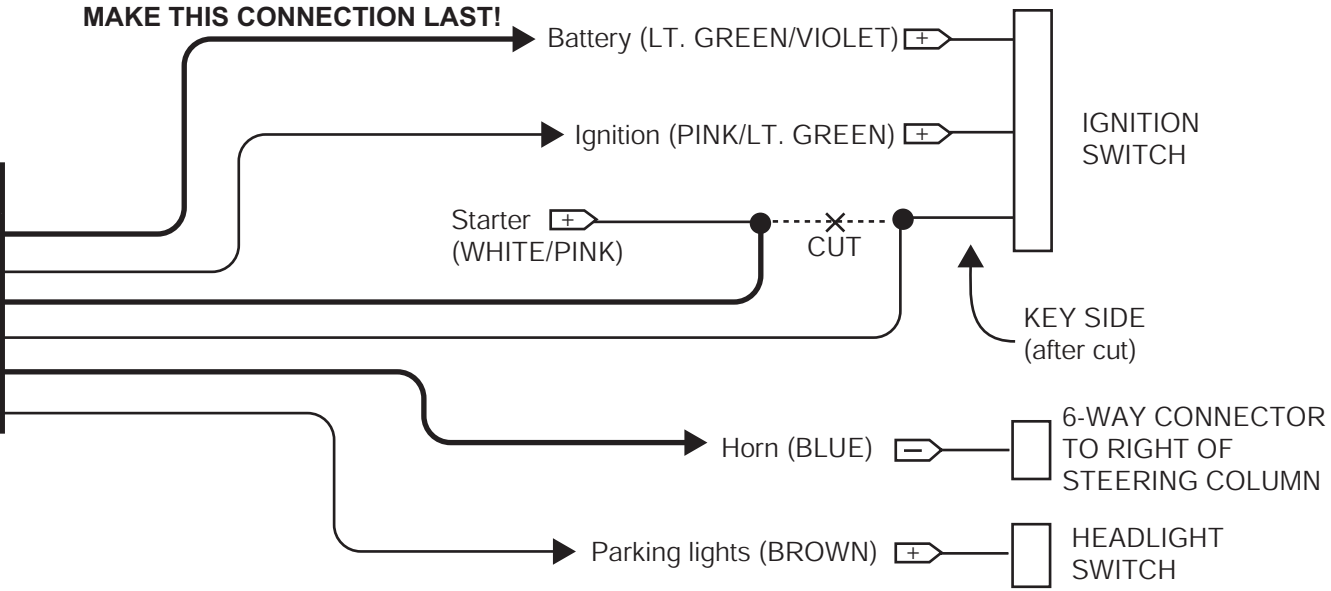
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'05 Econonline	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS & RKE**
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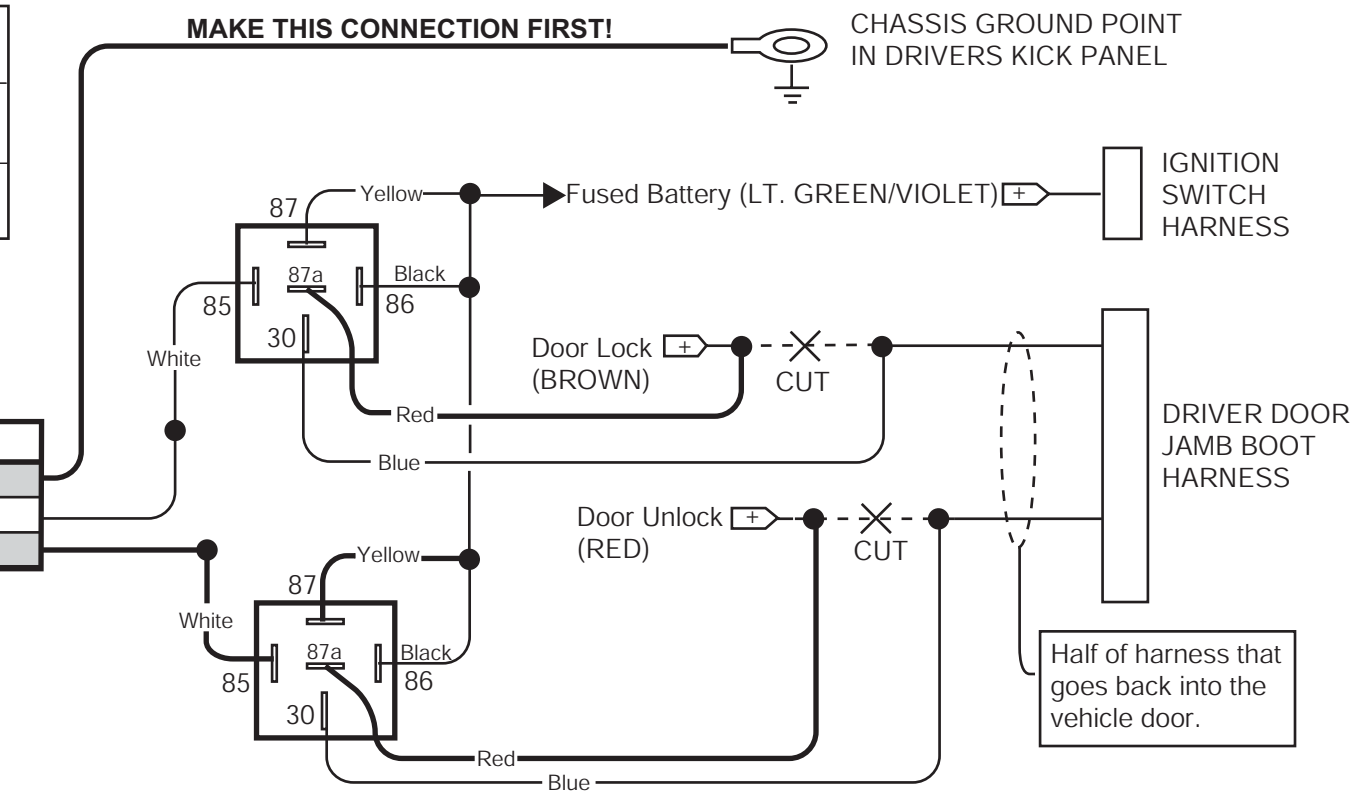
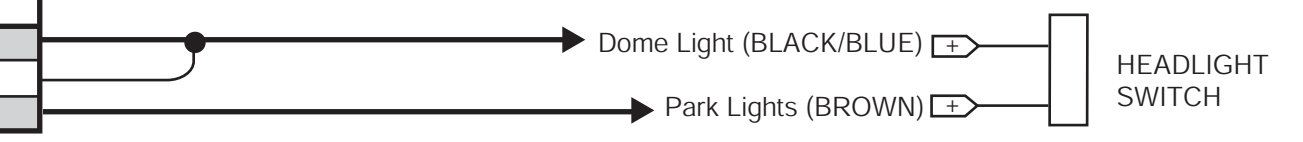


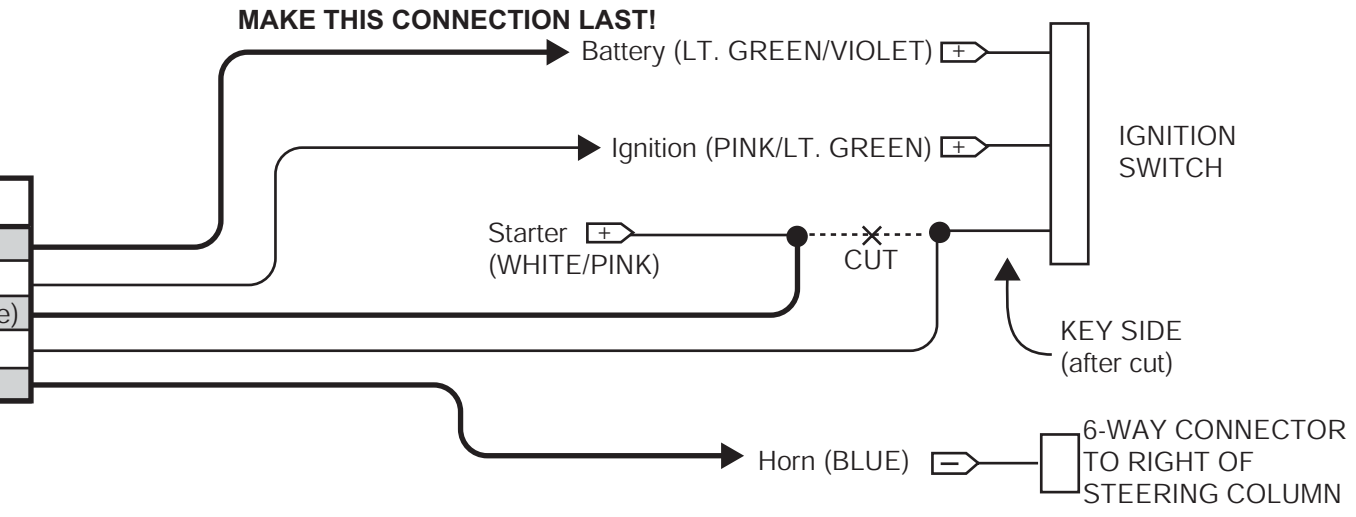
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output



HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS & VSS**
Page	**Revision Date**
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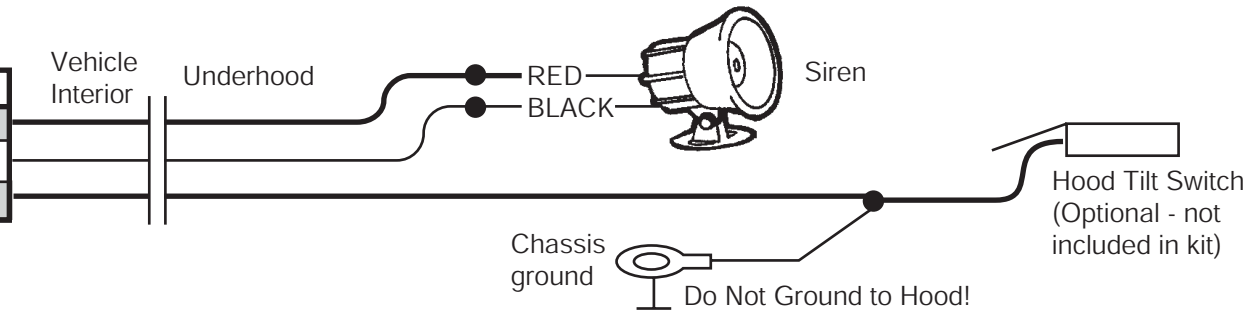
OPTIONAL CONNECTIONS

UNDERHOOD

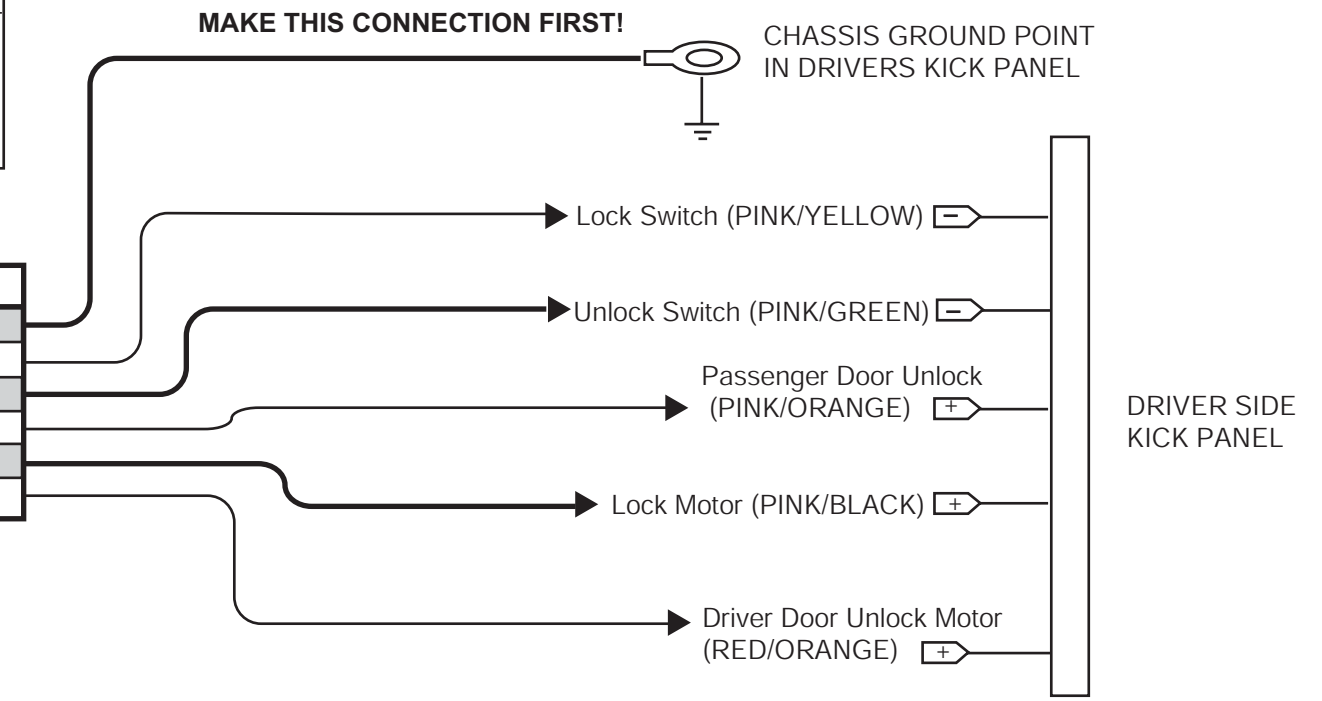
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	PRELOAD
Page	Revision Date
1 of 1	5/27/04

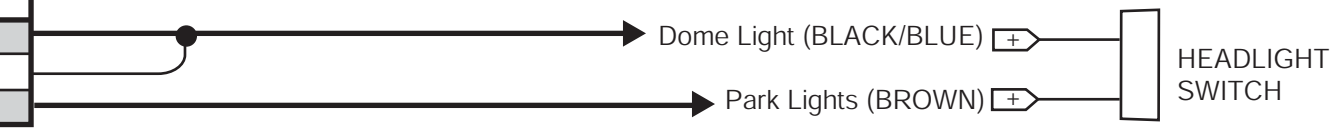
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



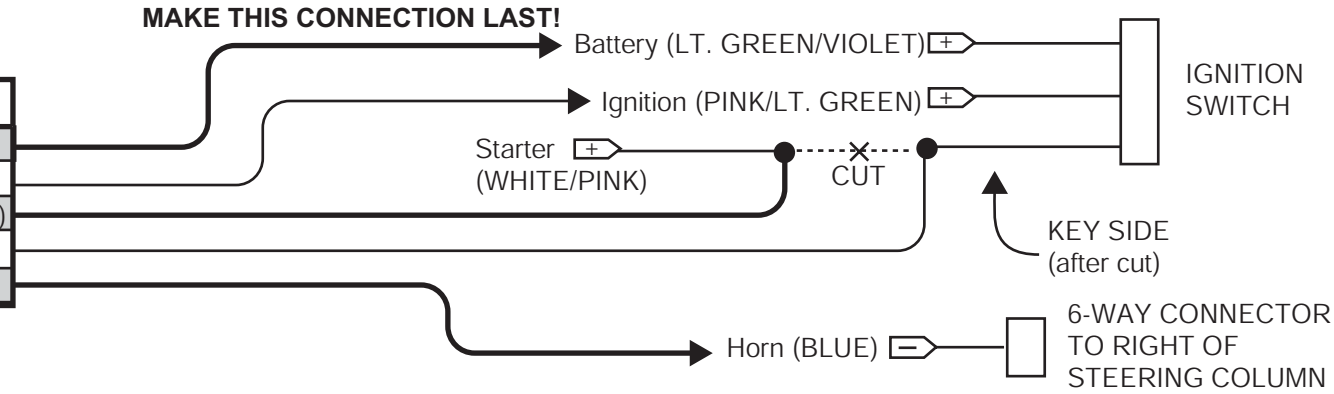
HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'05 Econoline	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	PRELOAD
Page	Revision Date
1 of 1	5/27/04

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

IGNITION
SWITCH
HARNESS

Fused Battery (LT. GREEN/VIOLET)

Yellow

87

87a

Black

85

86

30

White

Red

Blue

Door Lock
(BROWN)

CUT

Door Unlock
(RED)

CUT

DRIVER DOOR
JAMB BOOT
HARNESS

Half of harness that goes back into the vehicle door.

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

HEADLIGHT SWITCH

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/BLUE)

Park Lights (BROWN)

HEADLIGHT
SWITCH

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Battery (LT. GREEN/VIOLET)

Ignition (PINK/LT. GREEN)

Starter
(WHITE/PINK)

CUT

IGNITION
SWITCH

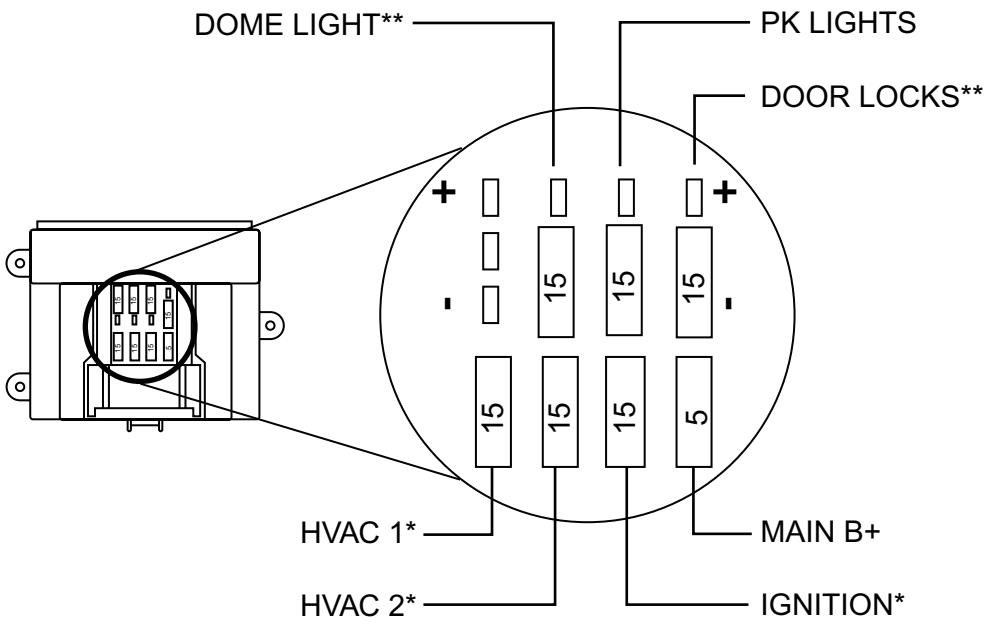
KEY SIDE
(after cut)

Horn (BLUE)

6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **5/27/03**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002-04: 1S4Z-19G365-AB

RELAY REQUIREMENTS:

1 - REAR DEFROSTER (2002 MODEL YEAR)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Negative
Key in Sense polarity	Positive

MODULE MOUNTING LOCATION:

Behind fuse panel, High near bulkhead panel

Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 3**	Revision Date **5/27/03**

NOTE: ALSO COVERS RKE/RMST

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

Connect only on vehicles with factory RKE

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input

Driver Door Unlock Motor (RED/ORANGE) (+)
Driver Door Lock Motor (PINK/BLACK) (+)
Door Unlock (PINK/WHITE) (-)
Door Lock (WHITE/VIOLET) (-)

GEM MODULE

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

Cut & tape if not used

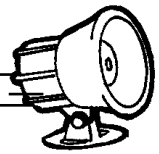
CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED
BLACK



Siren

Hood Tilt Switch

Chassis Ground

Do Not Ground to Hood!

Tach Signal (-)

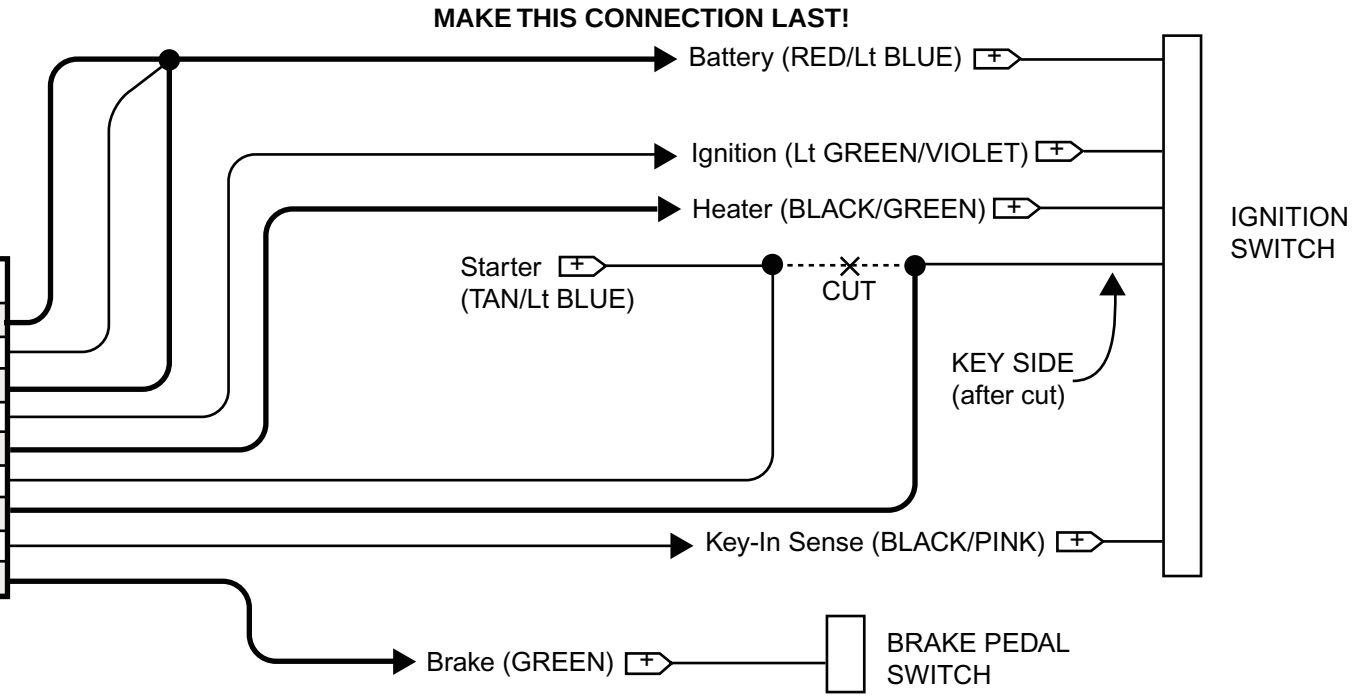
FUEL INJECTOR (FRONT OF MOTOR)

Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **2 of 3**	Revision Date **5/27/03**

NOTE: ALSO COVERS RKE/RMST

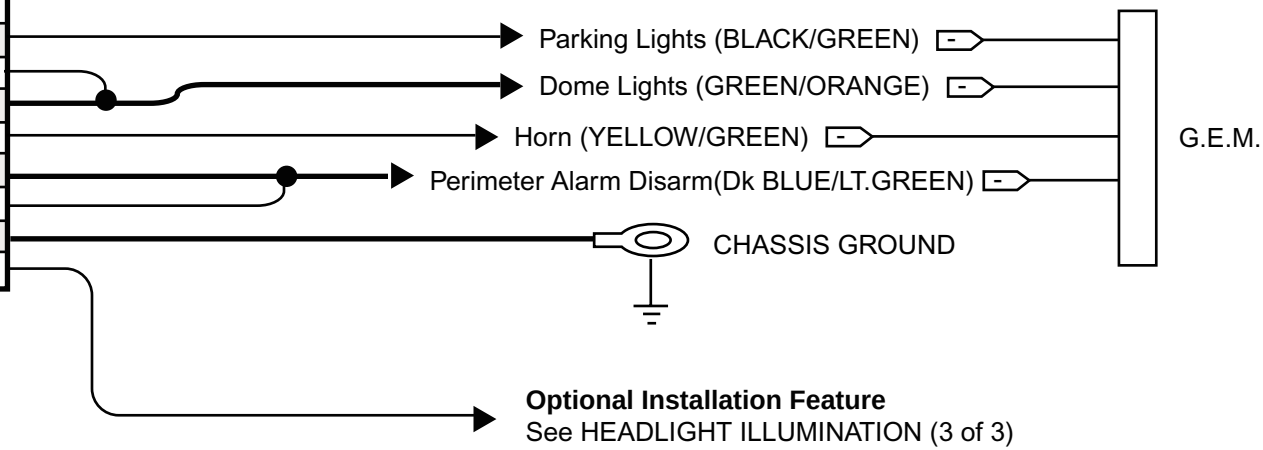
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC Feed
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-7	PINK	Ignition Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
B-7	BROWN	Brake Input



G.E.M. HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output
C-4	Lt GREEN/BLACK	Perimeter Alarm Disarm
B-4	ORANGE/WHITE	2nd Heater Output
B-1	BLUE	2nd Heater Polarity
C-10	RED/WHITE	Headlight Output



Optional Installation Feature
See HEADLIGHT ILLUMINATION (3 of 3)

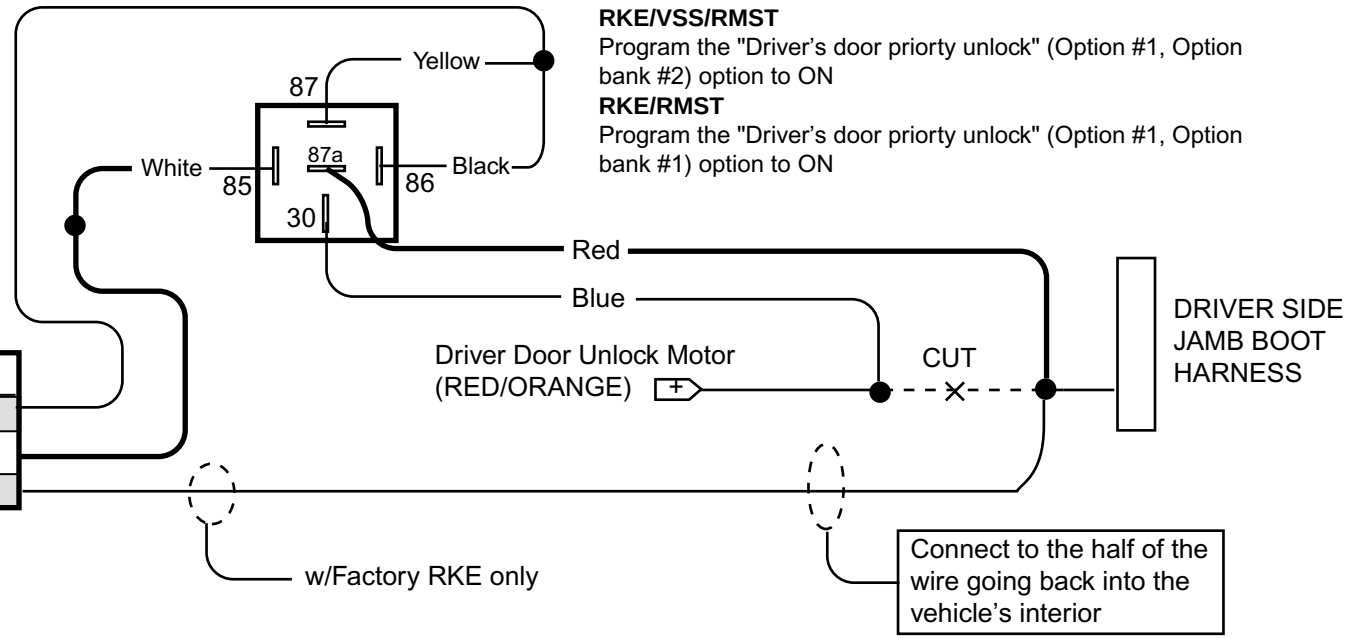
Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
3 of 3	**5/27/03**

NOTE: ALSO COVERS RKE/RMST

NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

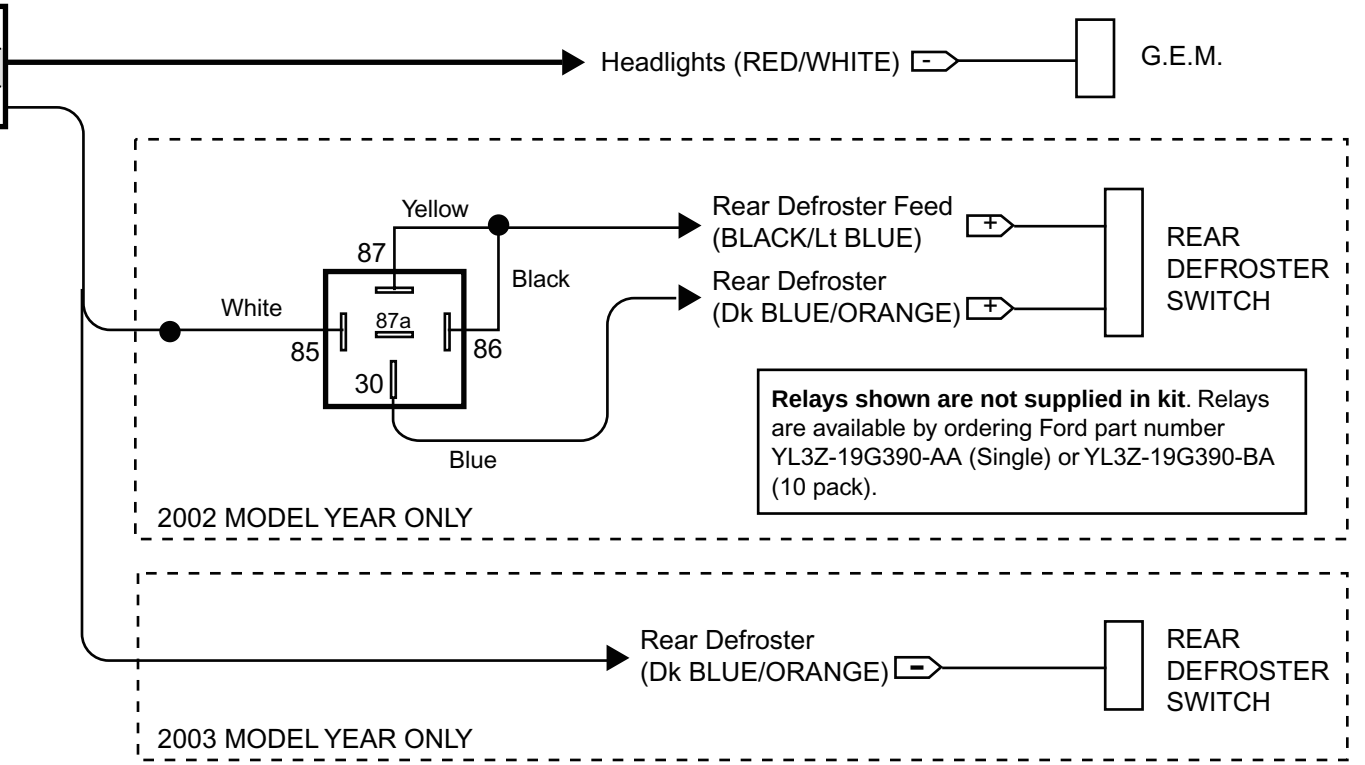
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
Page **1 of 1**	Revision Date **5/27/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC Feed
A-7	PINK	Ignition Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
B-7	BROWN	Brake Input

DRIVER'S KICK PANEL HARNESS

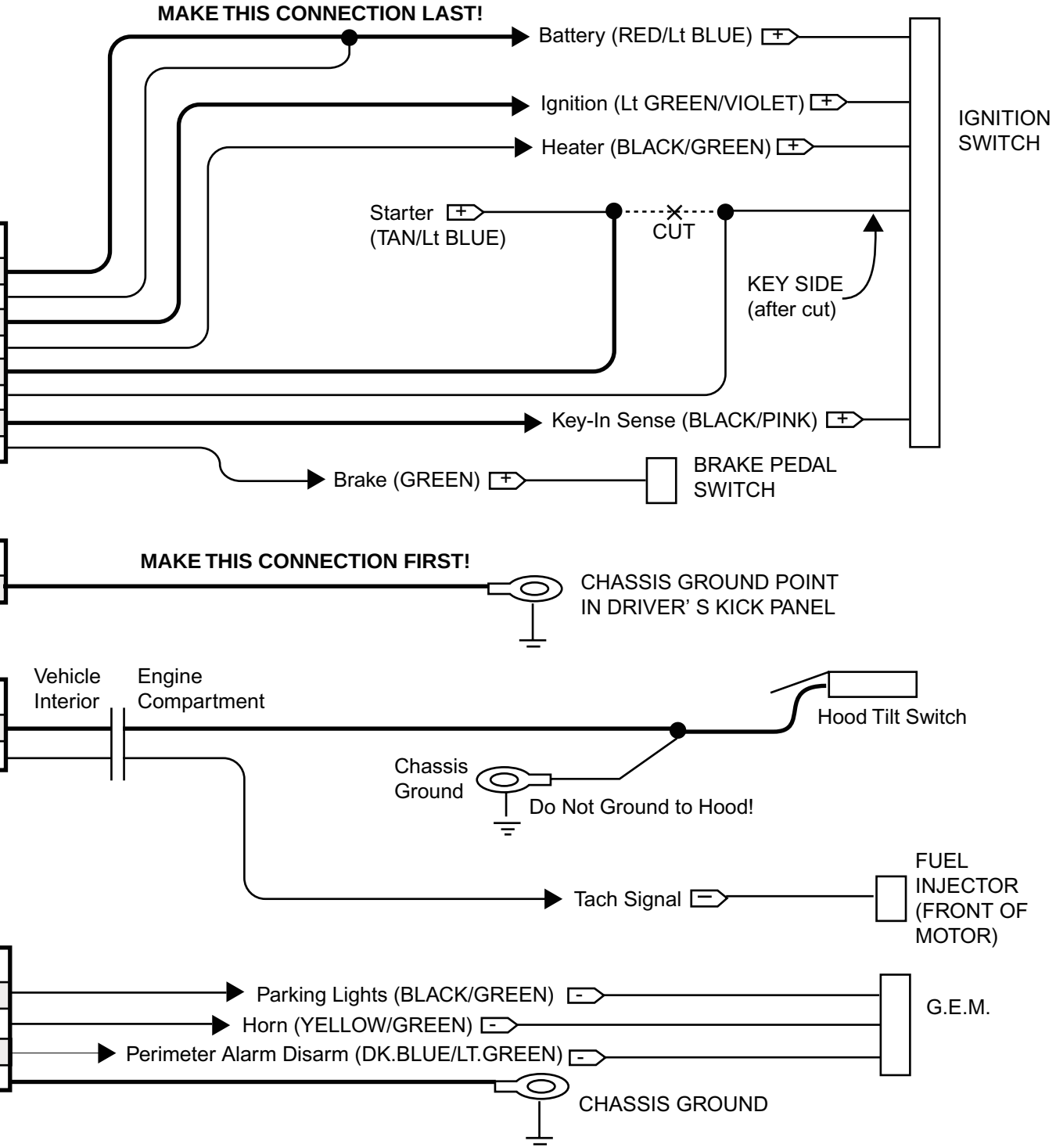
	Color	Function
A-5	BLACK	Ground

UNDER HOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

G.E.M. HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-21	BROWN/BLACK	Horn Relay Output
B-4	ORANGE/WHITE	2nd Heater Output
B-1	BLUE	2nd Heater Polarity



Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **DELUXE RKE/VSS**
Page **1 of 3**	Revision Date **5/27/03**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

Connect only on vehicles with factory RKE

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-7	TAN/RED	**DO NOT USE**
C-8	BLUE	Trunk Ajar Input

Driver Door Unlock Motor (RED/ORANGE) +
Driver Door Lock Motor (PINK/BLACK) +
Door Unlock (PINK/WHITE) -
Door Lock (WHITE/VIOLET) -

GEM MODULE

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

Cut & tape if not used

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

UNDER HOOD HARNESS

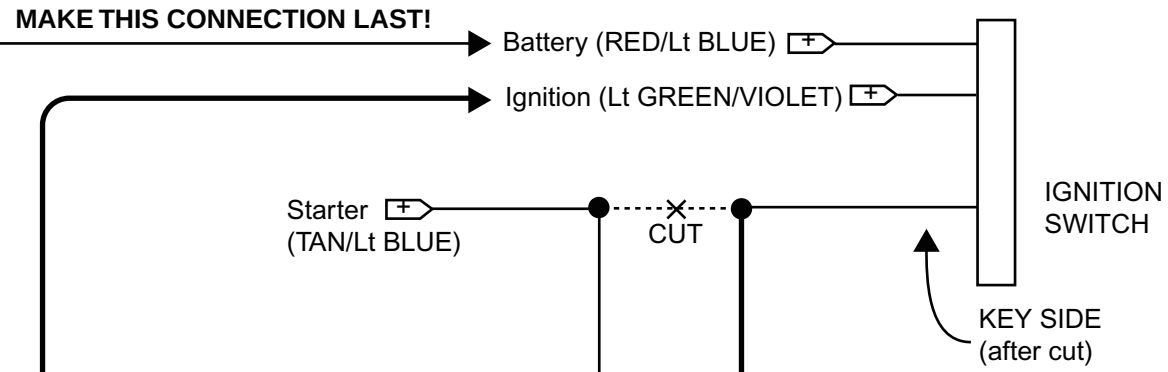
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level **ALL**	System(s) applicable to: **DELUXE RKE/VSS**
Page **2 of 3**	Revision Date **5/27/03**

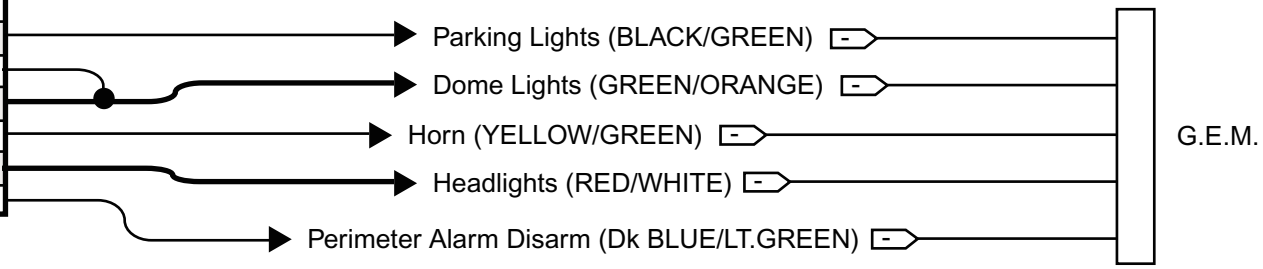


STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)

G.E.M. HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output
C-10	RED/WHITE	Headlight Output
C-4	Lt GREEN/BLACK	Perimeter Alarm Disarm

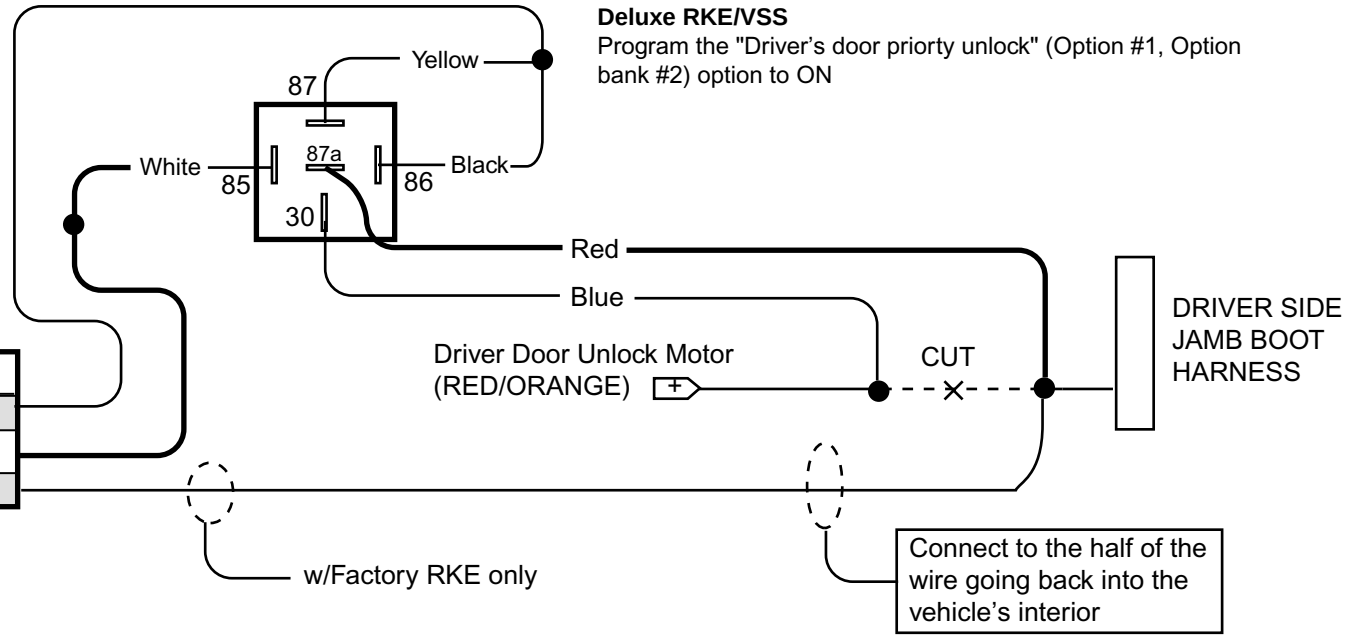


Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level	System(s) applicable to:
ALL	**DELUXE RKE/VSS**
Page	Revision Date
3 of 3	**5/27/03**

NOTE:
Deluxe RKE/VSS
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

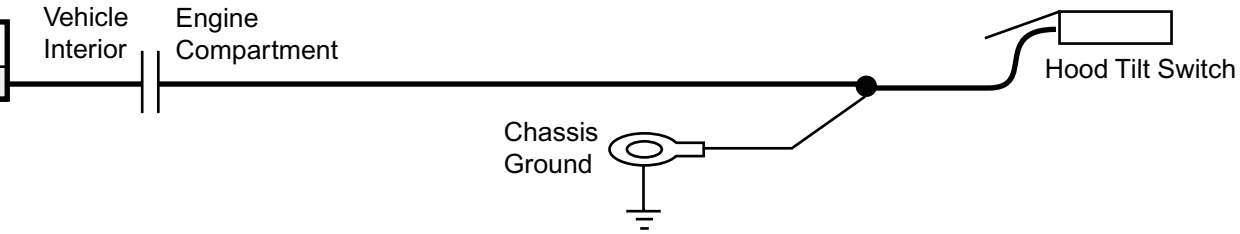
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



UNDER HOOD HARNESS

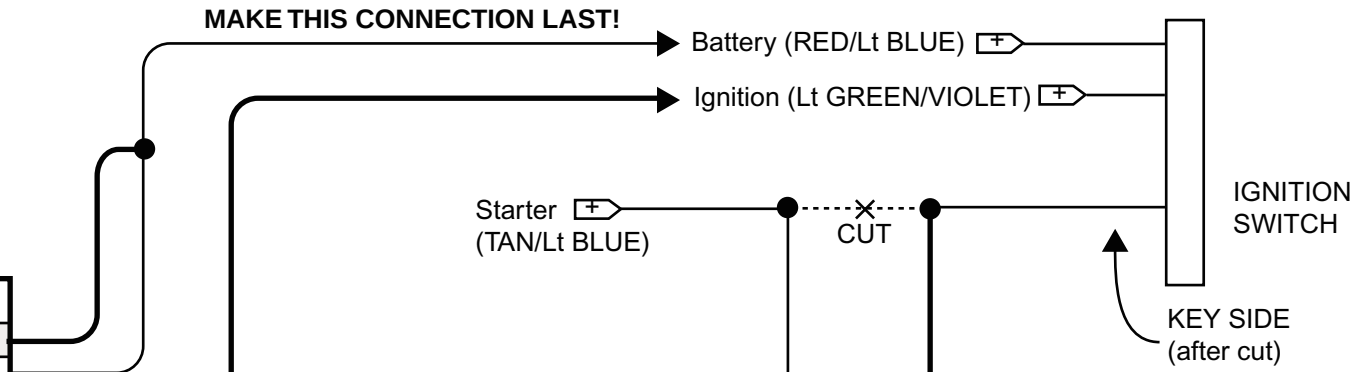
	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE/VSS & RKE**
Page	Revision Date
1 of 1	**5/27/03**

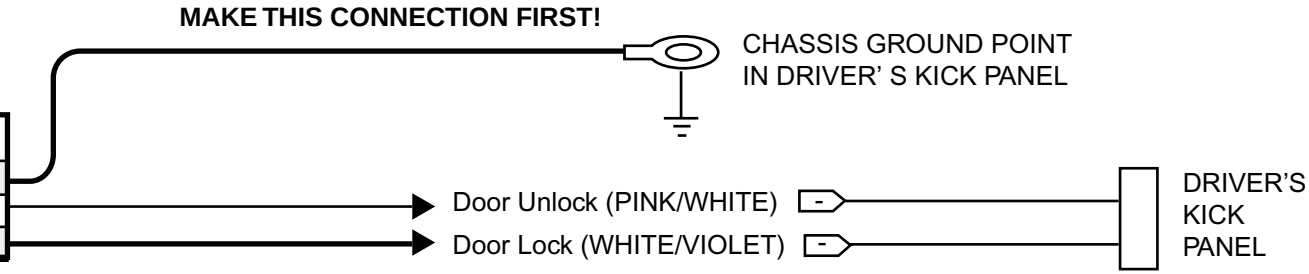
STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)



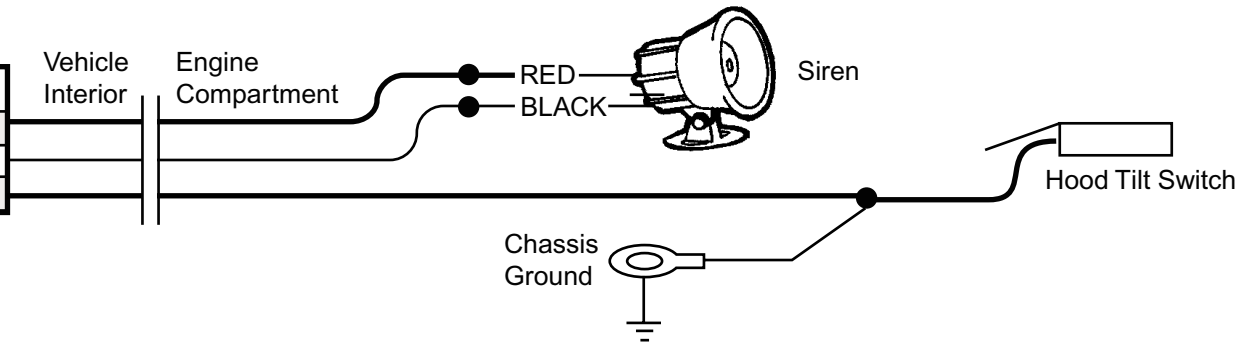
DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output

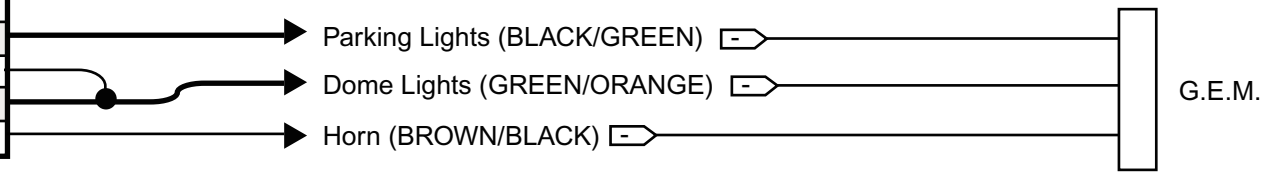


UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



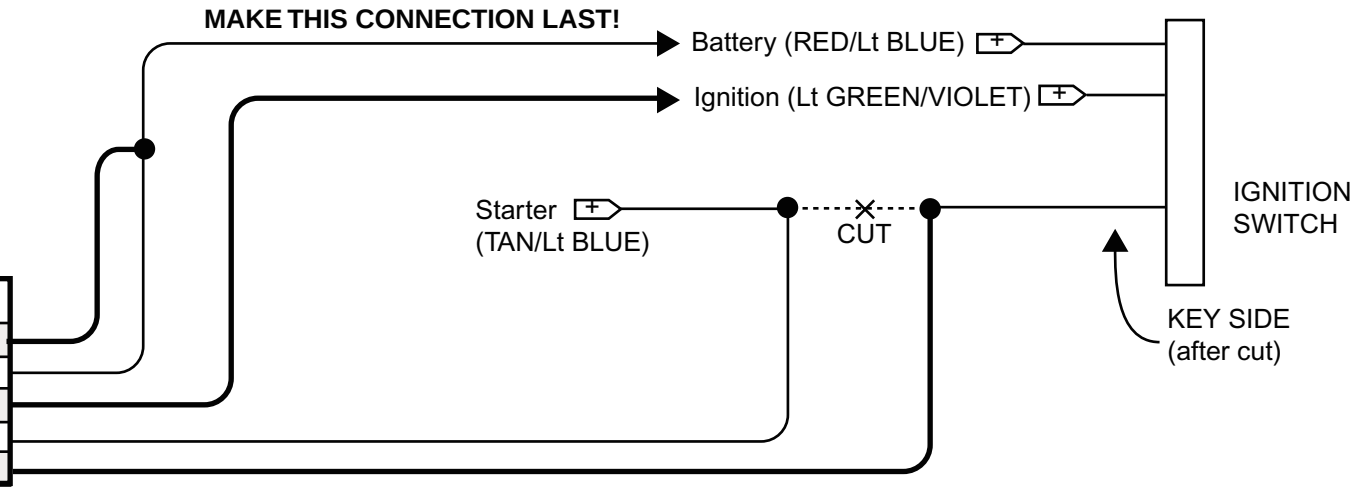
	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level	System(s) applicable to:
w/ Factory RKE	**VSS**
Page	Revision Date
1 of 1	**5/27/03**

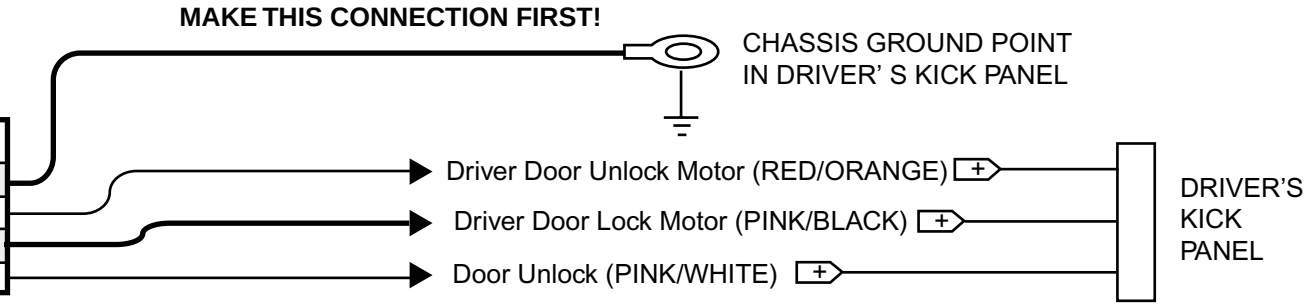
STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)



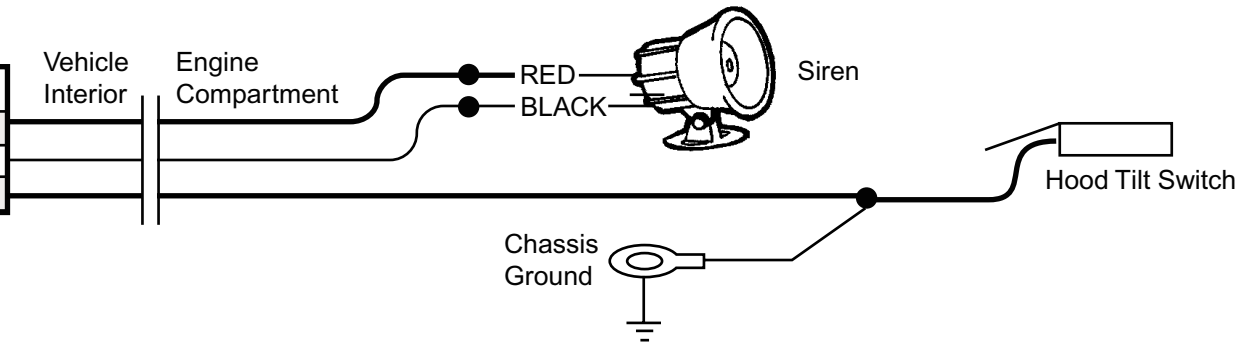
DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense

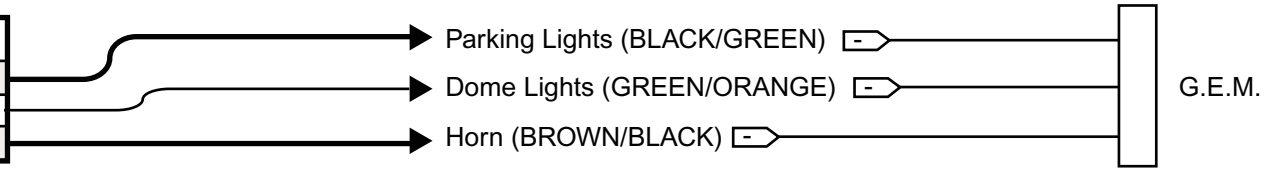


UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



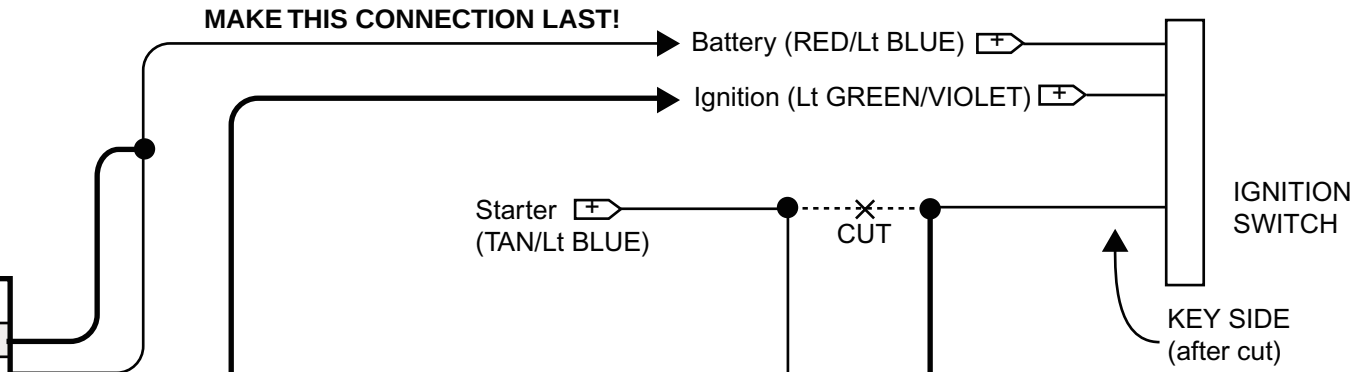
	Color	Function
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'02-'04 Escape	
Equipment or Trim level	System(s) applicable to:
ALL	**PRELOAD**
Page	Revision Date
1 of 1	**9/2/03**

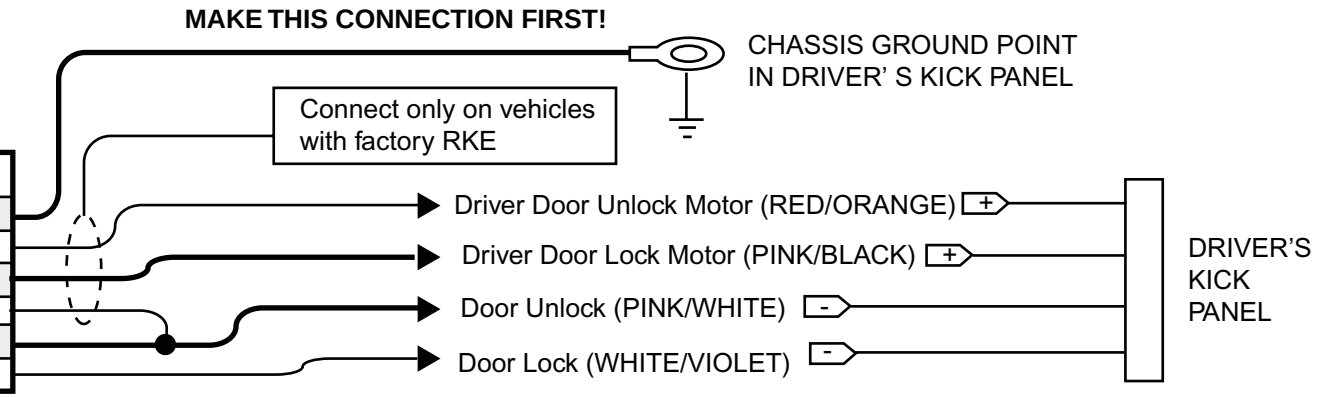
STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)



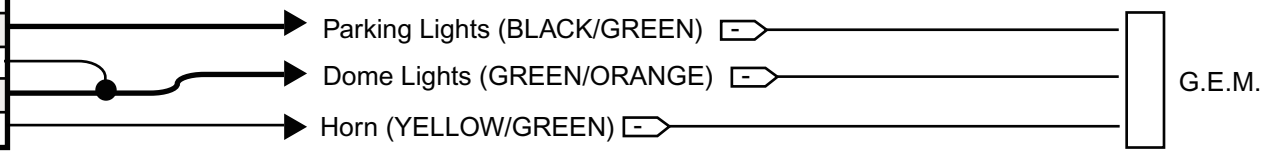
DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output



G.E.M. HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-21	BROWN/BLACK	Horn Relay Output

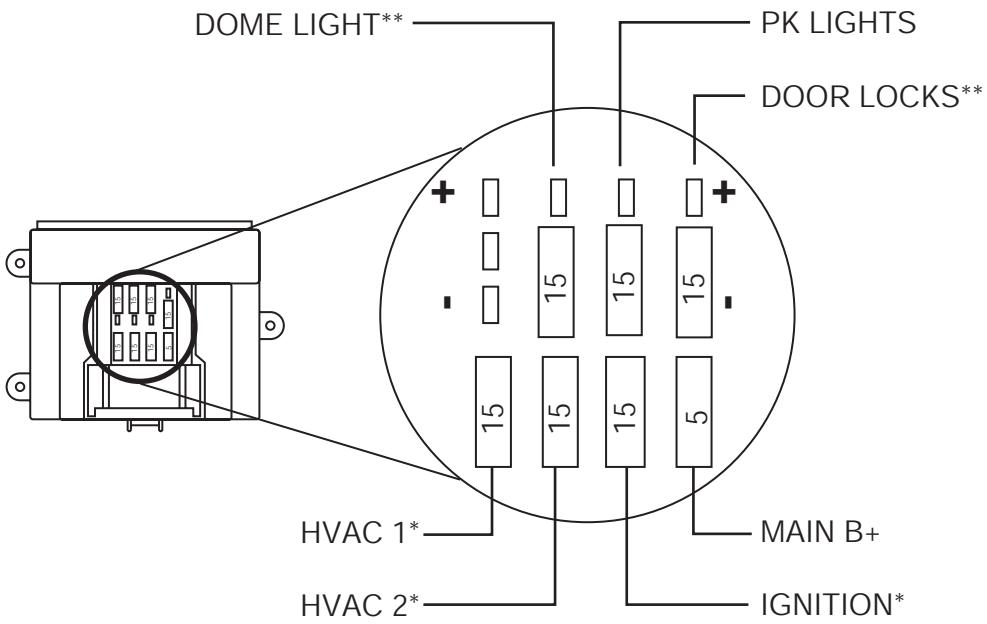


	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security.**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.

Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
1 of 1	**8/20/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START (RMST) PARTS REQUIRED

Securilock (PATS) Interface:
2005- 1L2Z-19G365-AB

REMOTE START (RMST) SPECIFIC PROGRAMMING

Key in Sense polarity	Positive
Rear Defroster	0.5 sec. (Default Setting)
Learn Tachometer	Required On All Vehicles

RELAY REQUIREMENTS:

1- Driver's Door Priority Unlock (Optional)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Negative

MODULE MOUNTING LOCATION:

Left Side of Driver's Underdash

Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
1 of 3	**8/20/04**

NOTE: ALSO COVERS RKE/RMST

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
B-1	BLUE	HVAC 2 Polarity
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm
B-4	ORANGE/WHITE	HVAC 2 Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input

Driver Door Unlock Motor (RED/ORANGE) (+)

Driver Door Lock Motor (PINK/BLACK) (+)

Door Unlock (PINK/WHITE) (−)

Door Lock (WHITE/VIOLET) (−)

Perimeter Alarm Disarm (DK BLUE/GREEN) (−)

Dome Light (PINK) (−)

DRIVER'S SIDE KICK PANEL HARNESS

Optional Installation Feature
See Optional Connections Page

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED

BLACK

Siren

Hood Tilt Switch

Chassis Ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR (SIDE OF MOTOR)

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

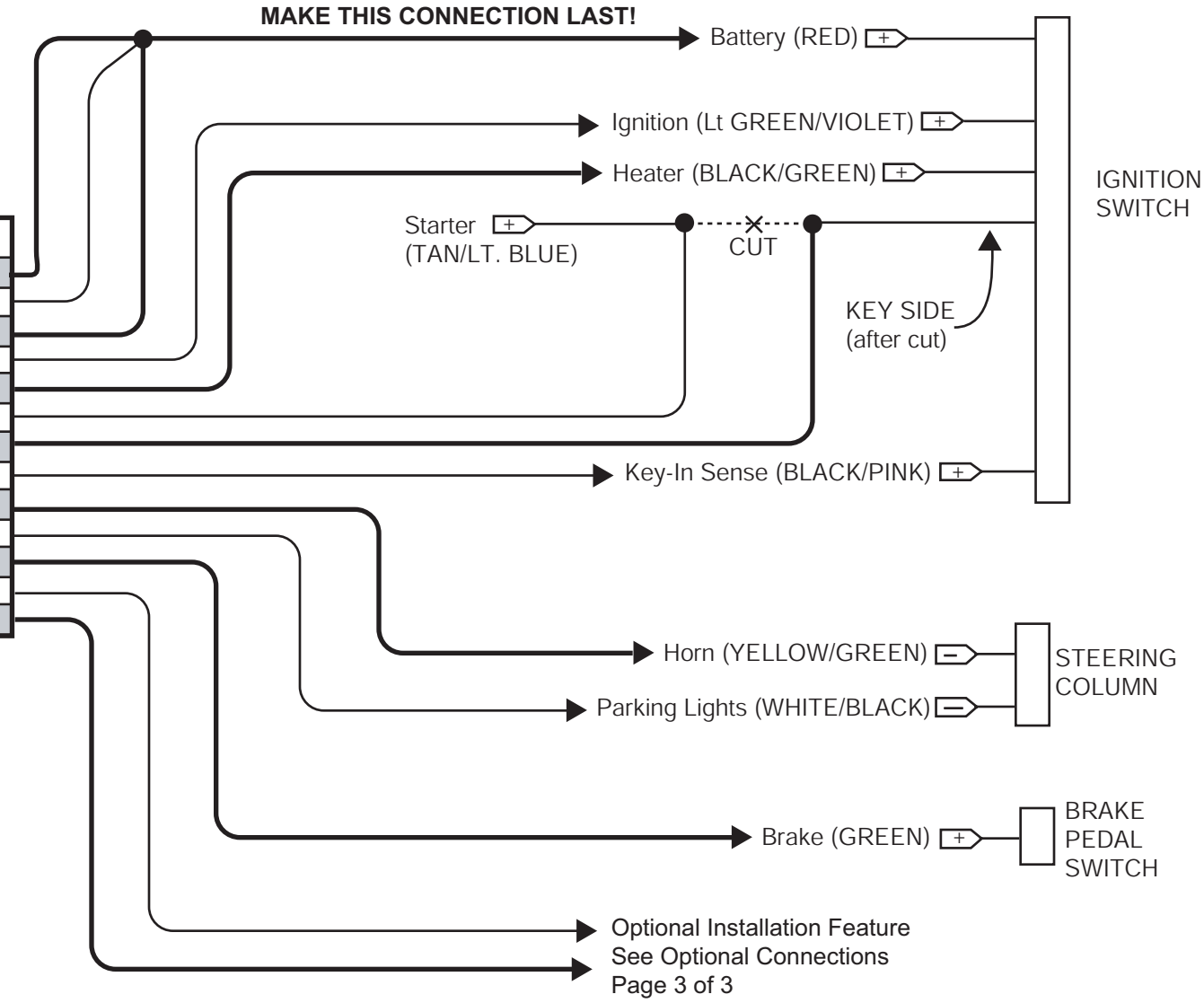
Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
2 of 3	**8/20/04**

NOTE: ALSO COVERS RKE/RMST

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC Feed
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-7	PINK	Ignition Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 3	**8/20/04**

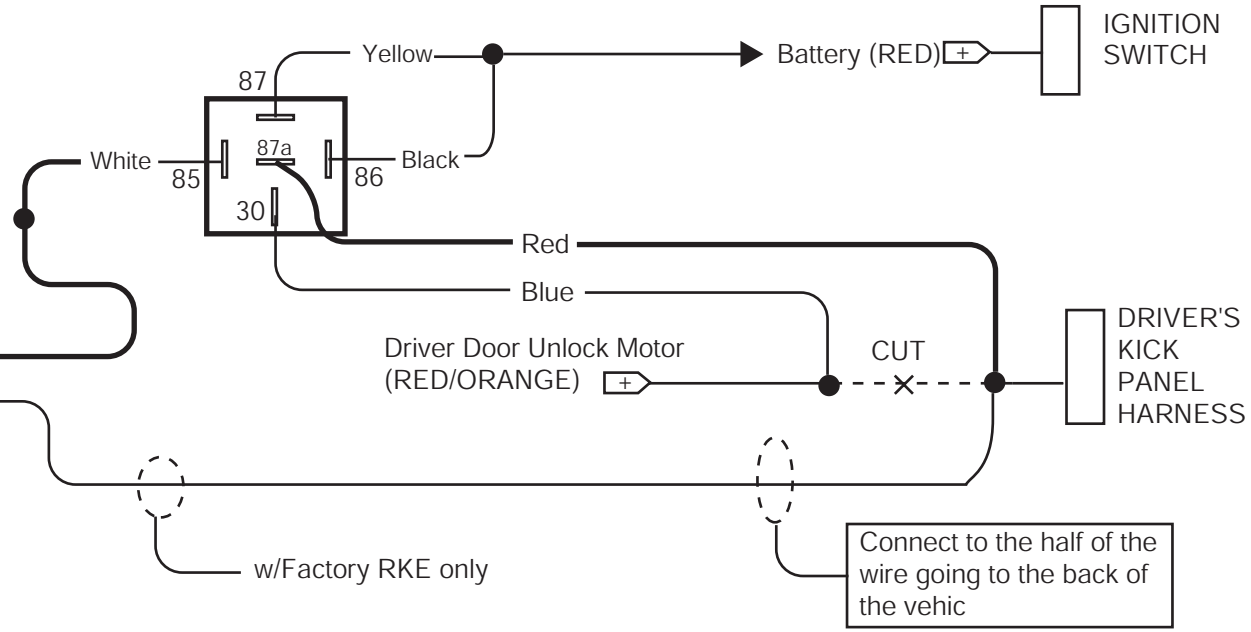
NOTE: ALSO COVERS RKE/RMST

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

DRIVER'S DOOR PRIORITY UNLOCK

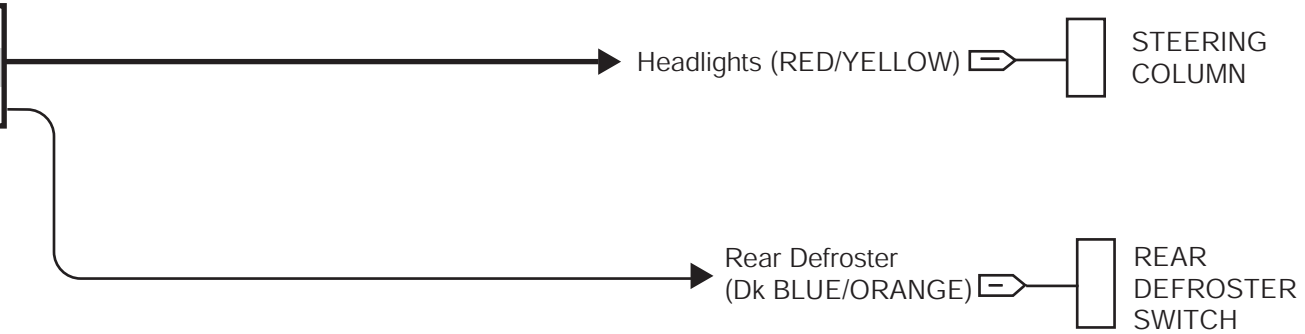
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



HEADLIGHT ILLUMINATION / REAR DEFROSTER

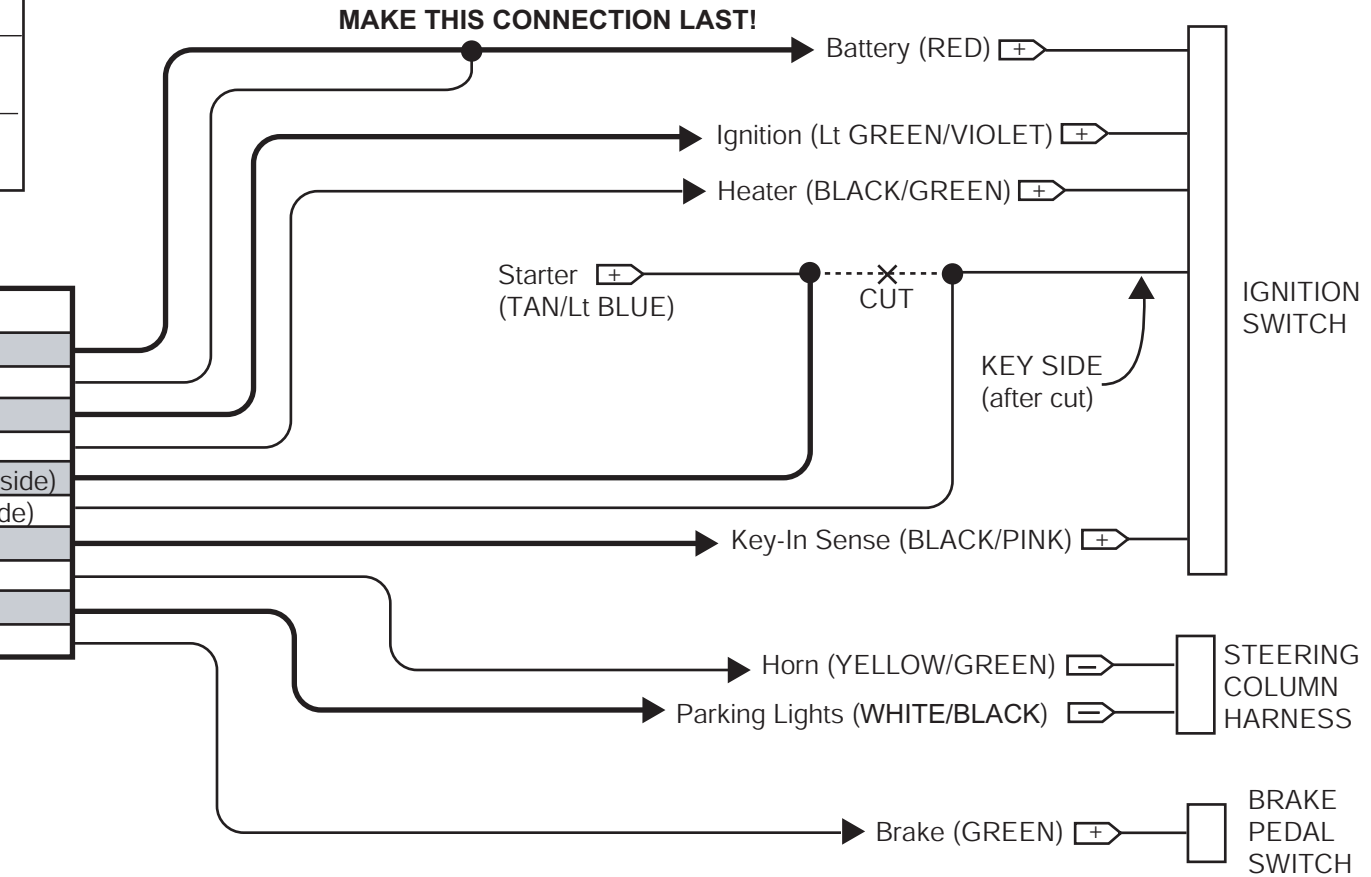
	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
1 of 1	**8/20/04**

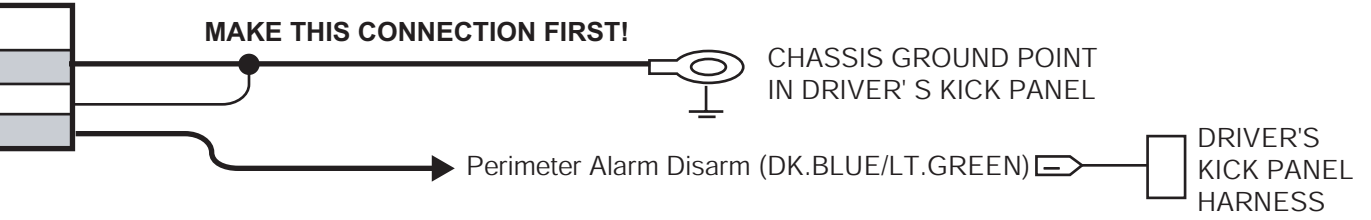
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC Feed
A-7	PINK	Ignition Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input



DRIVER'S KICK PANEL HARNESS

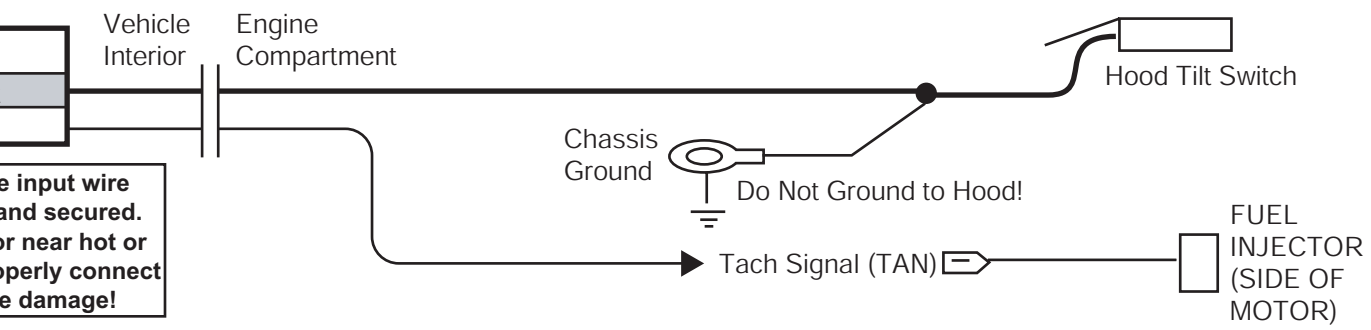
	Color	Function
A-5	BLACK	Ground
B-1	BLUE	HVAC 2 Polarity
B-4	ORANGE/WHITE	HVAC 2 Output



UNDER HOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!



Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**DELUXE RKE/VSS**
Page	**Revision Date**
1 of 3	**8/20/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Driver Door Unlock Motor (RED/ORANGE) +
Driver Door Lock Motor (PINK/BLACK) +
Door Unlock (PINK/WHITE) −
Door Lock (WHITE/VIOLET) −
Perimeter Alarm Disarm (DK BLUE/GREEN) −
Dome Light (PINK) −

DRIVER'S SIDE KICK PANEL HARNESS

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

Optional Installation Feature
See Optional Connections Page 3 of 3

UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Engine Compartment

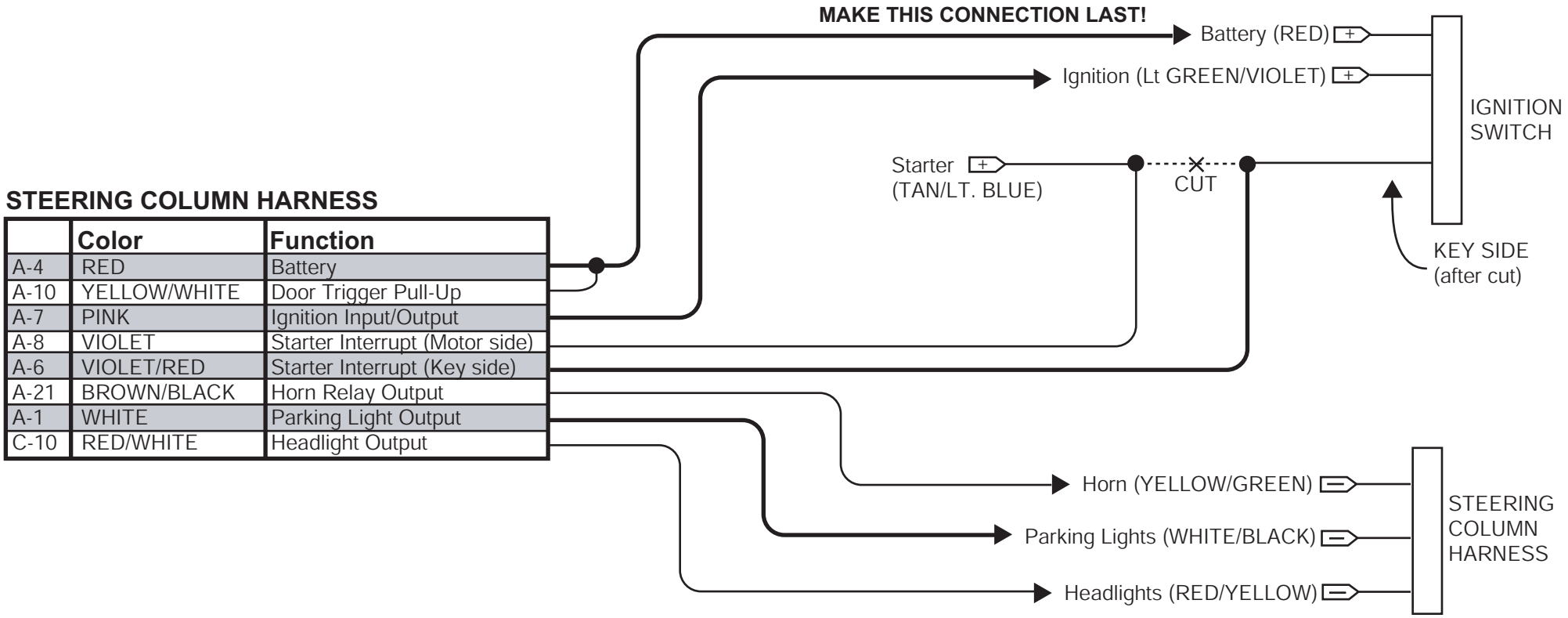
RED
BLACK

Siren

Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**DELUXE RKE/VSS**
Page	**Revision Date**
2 of 3	**8/20/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



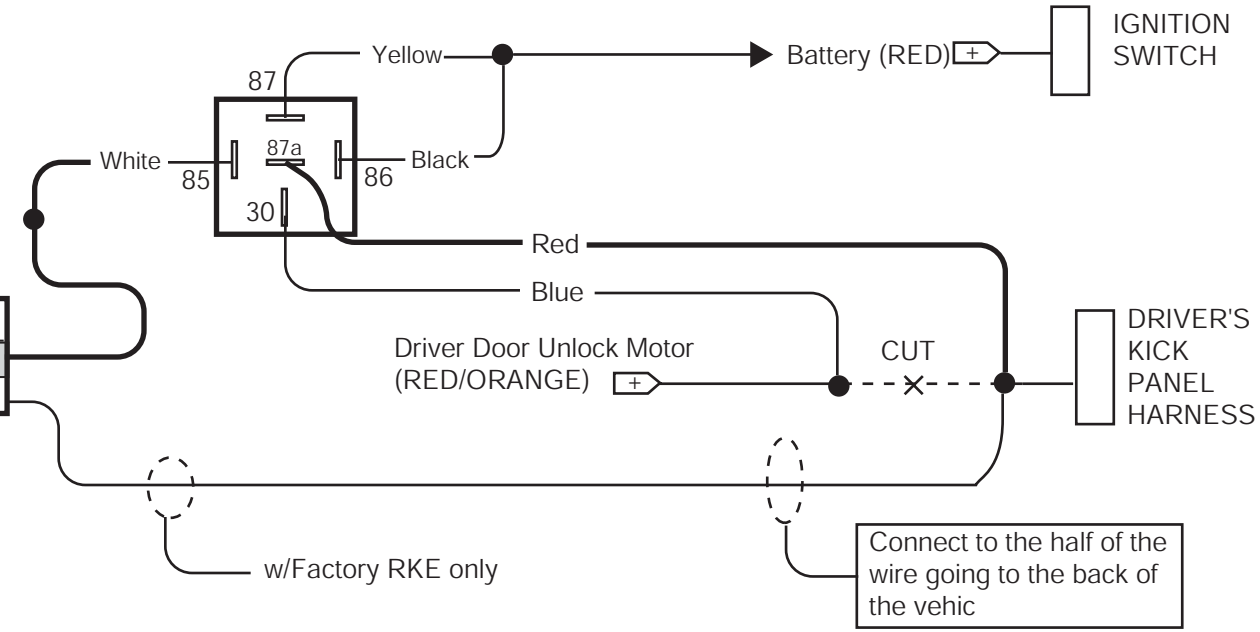
Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
3 of 3	**8/20/04**

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

DRIVER'S DOOR PRIORITY UNLOCK

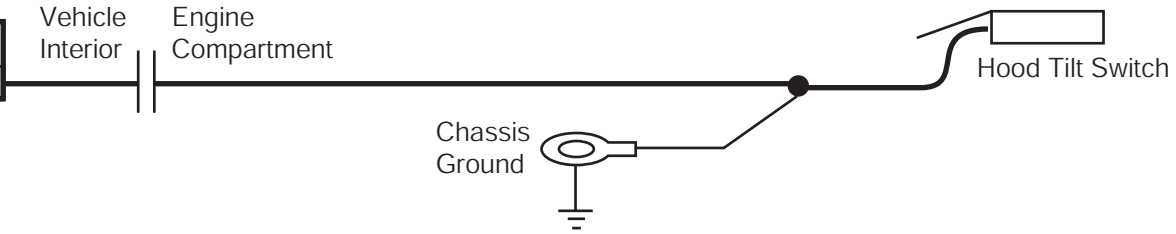
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



UNDER HOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	System(s) applicable to:
W/O Factory RKE	RKE/VSS & RKE
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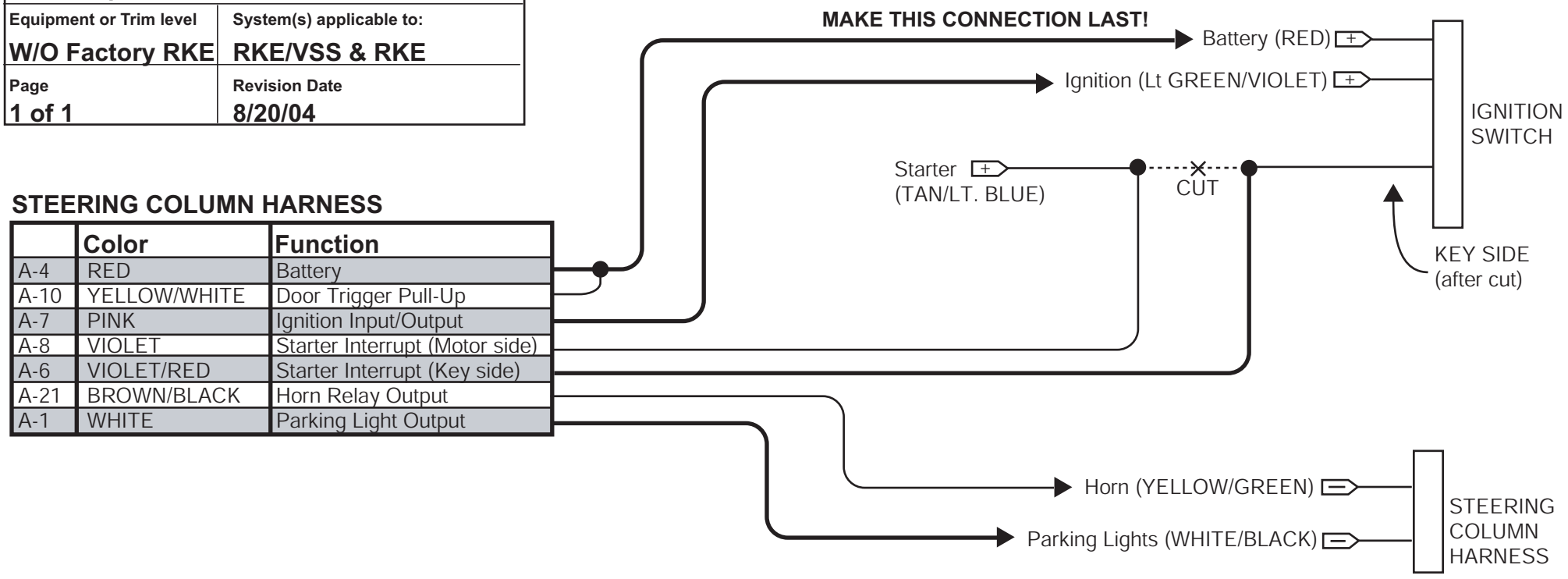
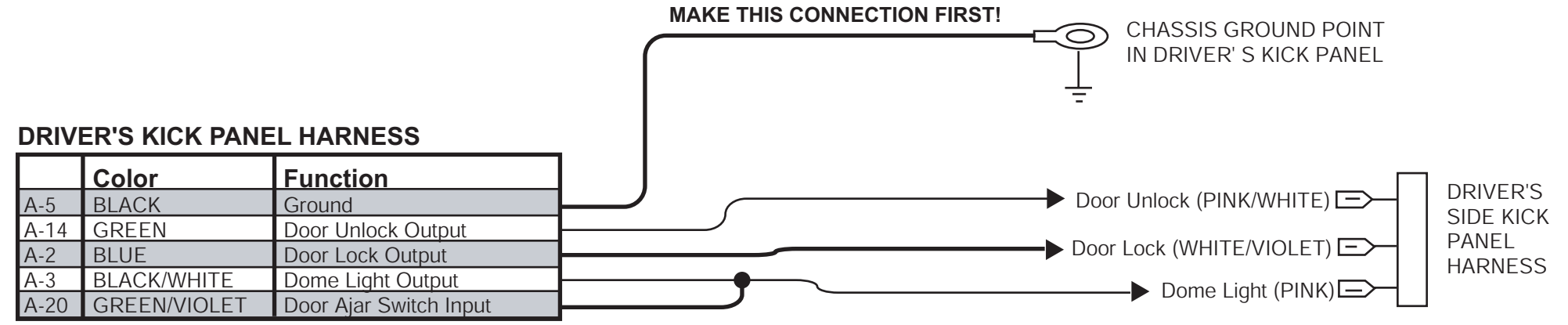


STEERING COLUMN HARNESS

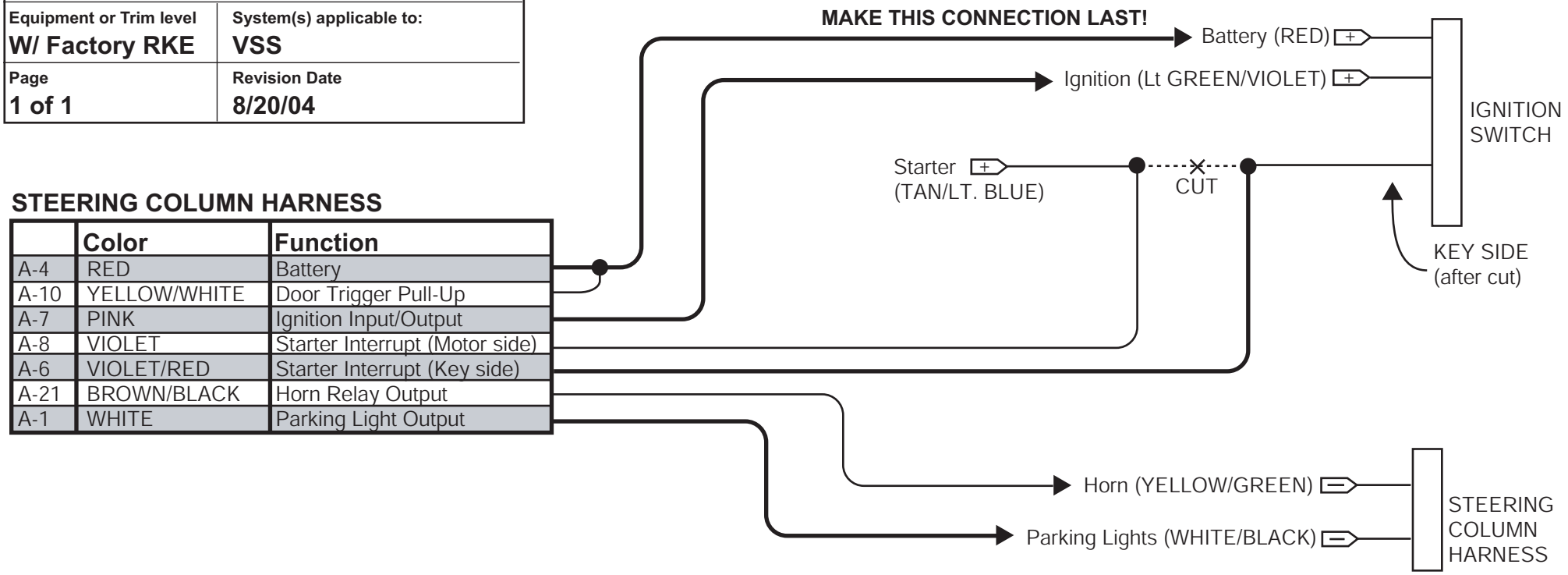
	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



DRIVER'S KICK PANEL HARNESS

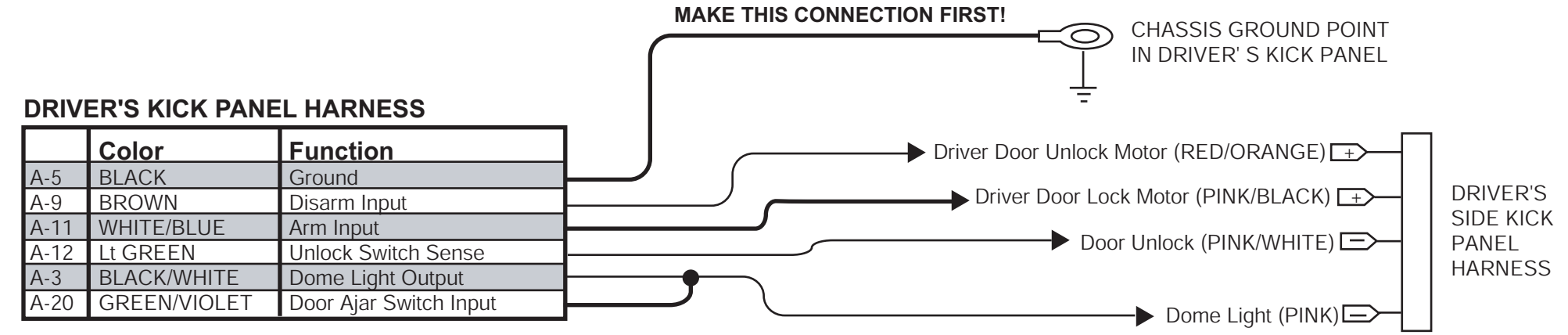
	Color	Function
A-5	BLACK	Ground
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
W/ Factory RKE	**VSS**
Page	**Revision Date**
1 of 1	**8/20/04**



STEERING COLUMN HARNESS

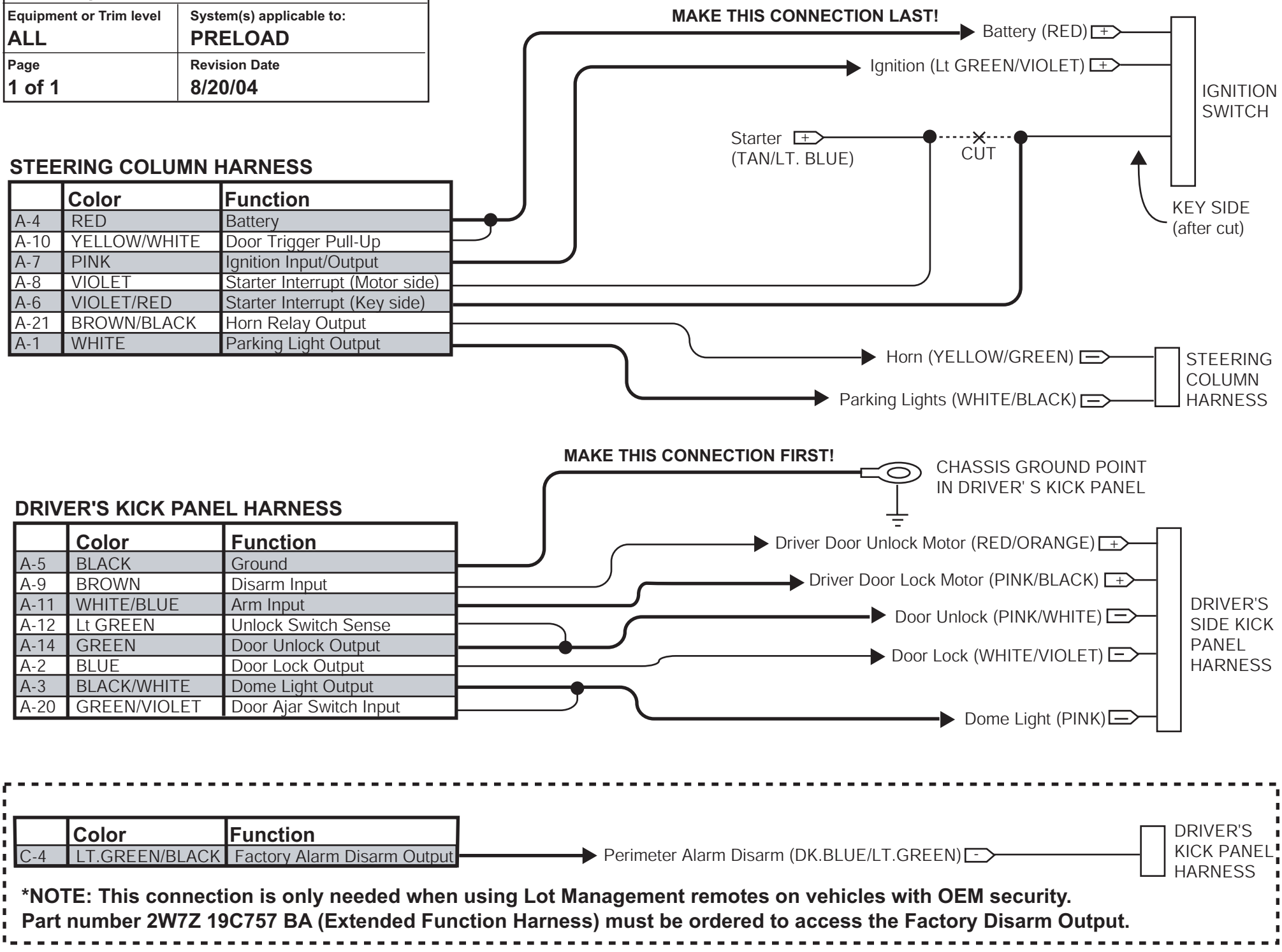
	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-7	PINK	Ignition Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

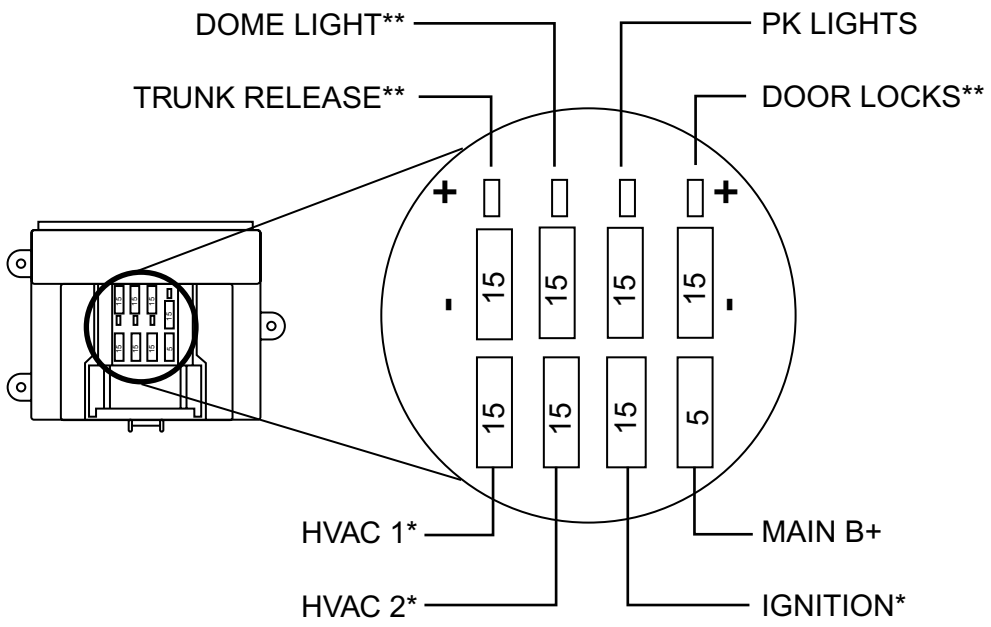
Vehicle (Year/Make/Model)	
'05 Escape / Mariner	
Equipment or Trim level	**System(s) applicable to:**
ALL	**PRELOAD**
Page	**Revision Date**
1 of 1	**8/20/04**



***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **5/30/03**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

Escort is not equipped with Securilock

RELAY REQUIREMENTS:

1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

2 - REAR DEFROSTER (OPTIONAL)

1 - FACTORY ALARM DISARM (REQUIRED IF VEHICLE IS EQUIPPED WITH FACTORY PERIMTER ALARM

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Negative
Key in Sense polarity	Positive

MODULE MOUNTING LOCATION:

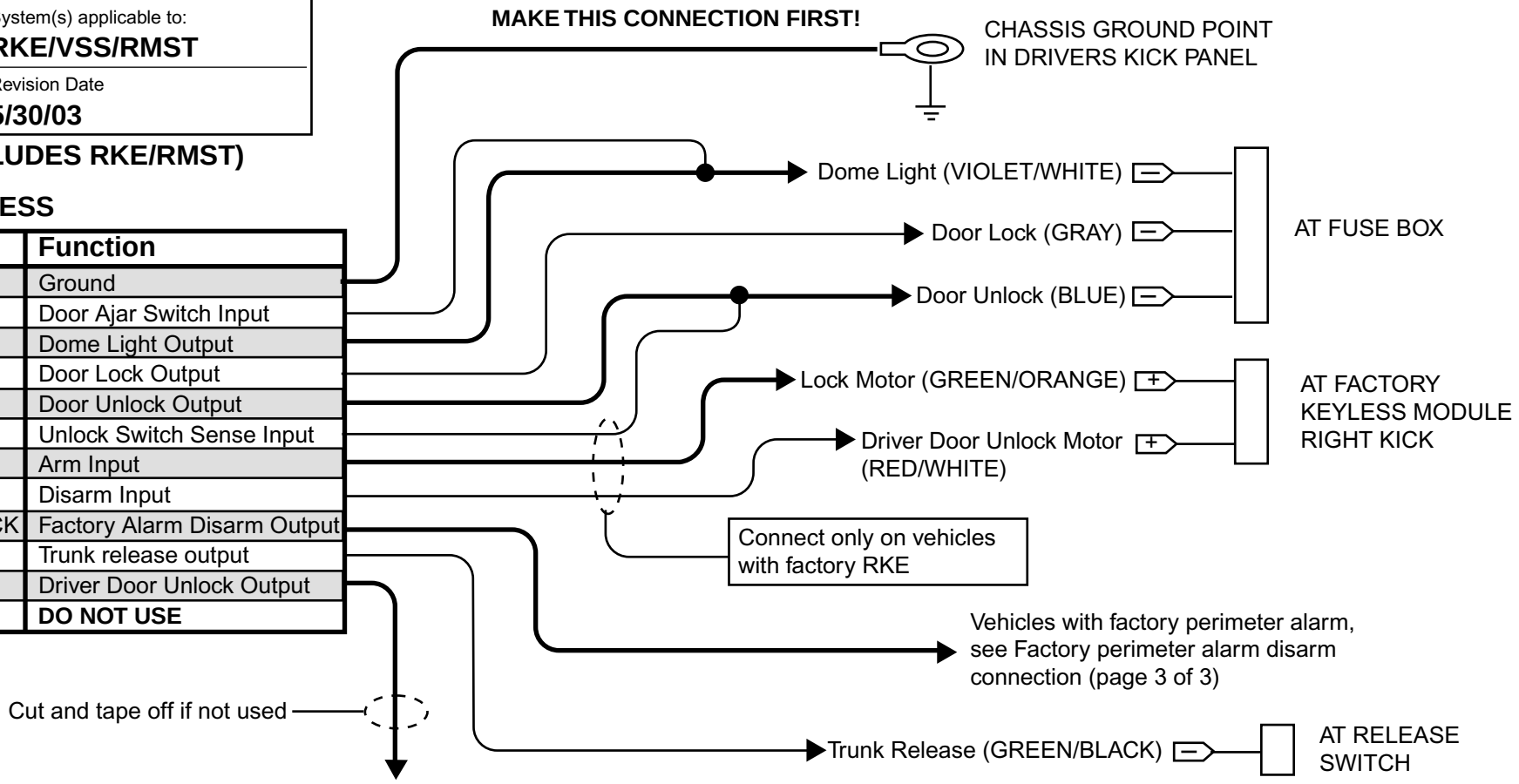
UPPER LEFT KICK PANEL, TO LEFT OF BRAKE PEDAL.

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
1 of 3	**5/30/03**

(NOTE: ALSO INCLUDES RKE/RMST)

KICK PANEL HARNESS

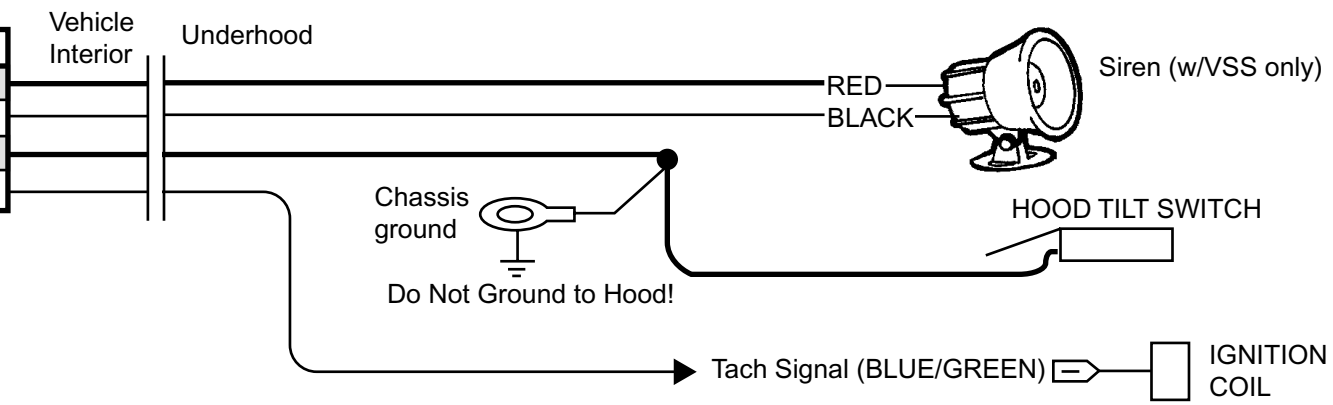
	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-13	TAN	Trunk release output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**



Optional Installation Feature
See Optional connections page

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

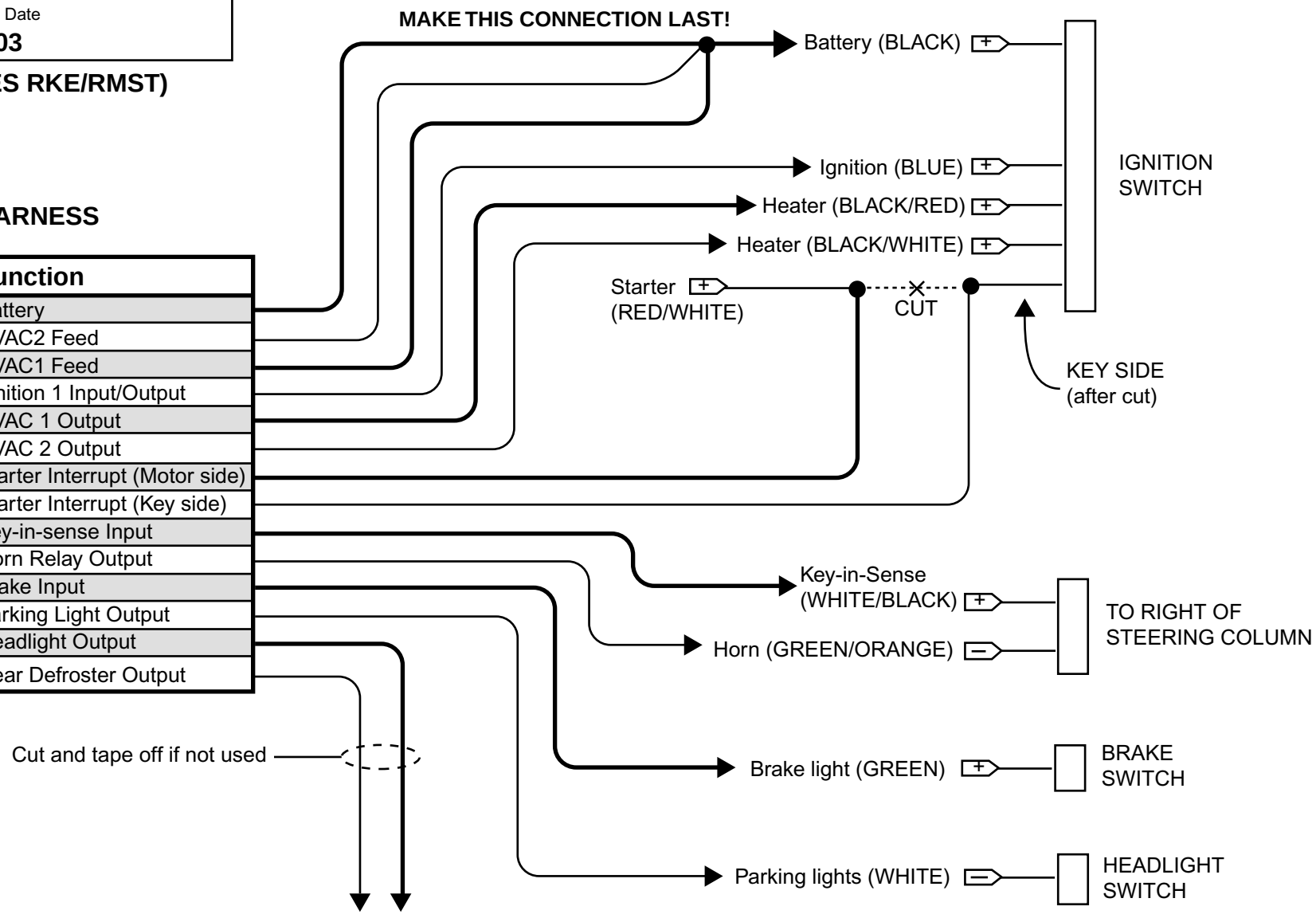


Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
2 of 3	**5/30/03**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

Note:
Parking light circuit can also be found in the connector under the fuse box. Wire changes to RED/BLACK (+).

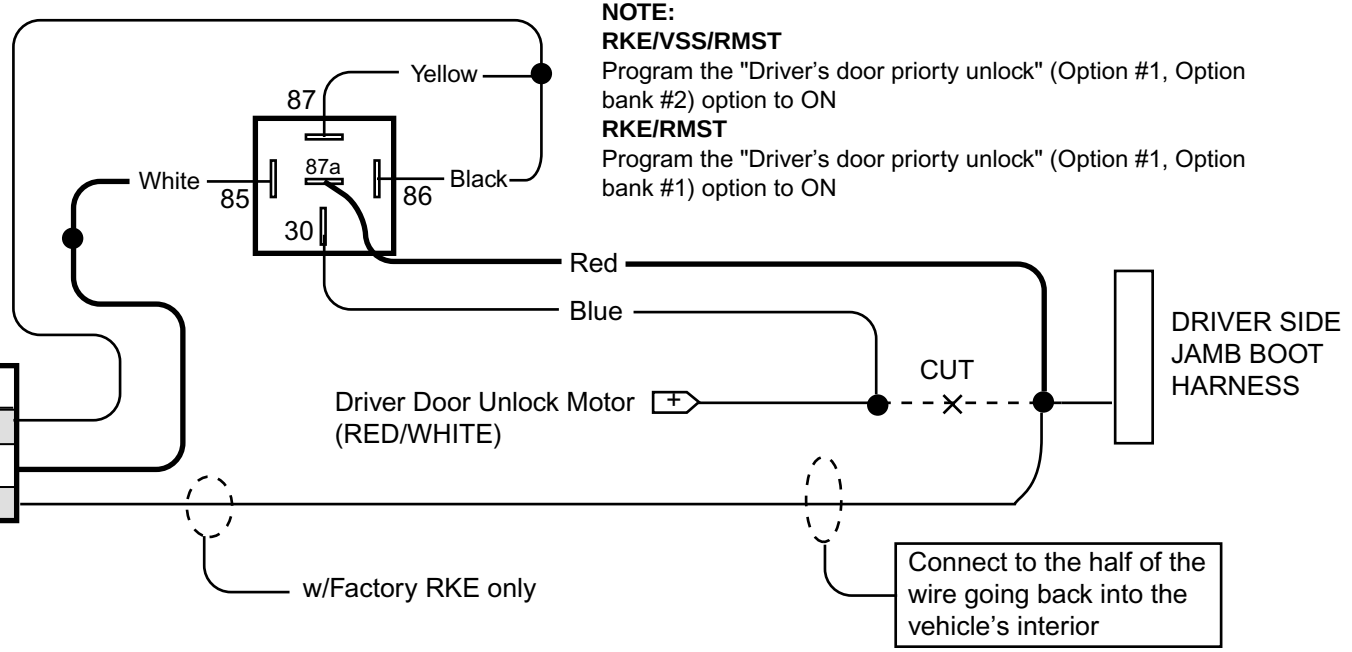
Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
3 of 3	**5/30/03**

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

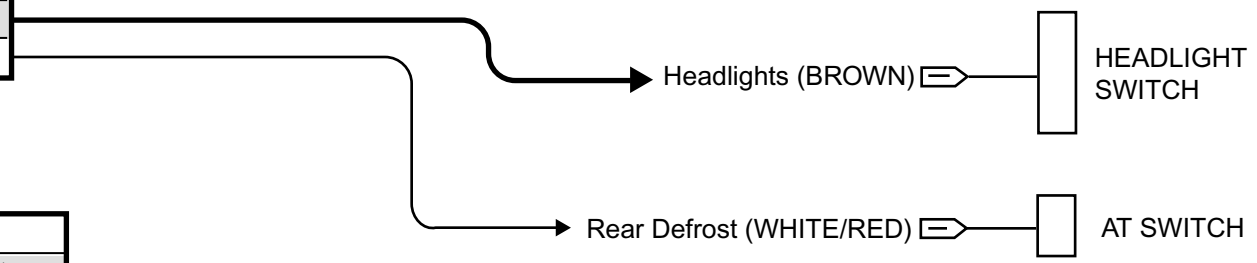
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

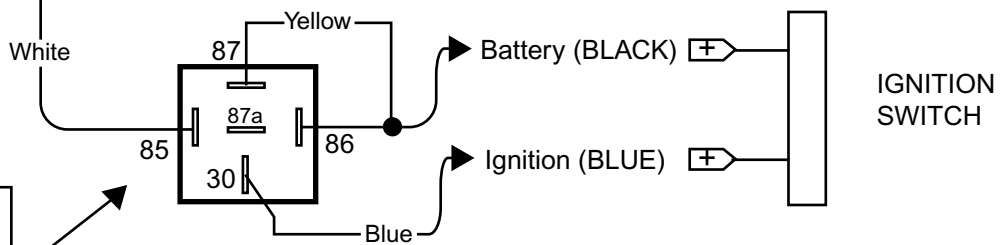
HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



FACTORY PERIMETER ALARM DISARM

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
1 of 1	**5/30/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

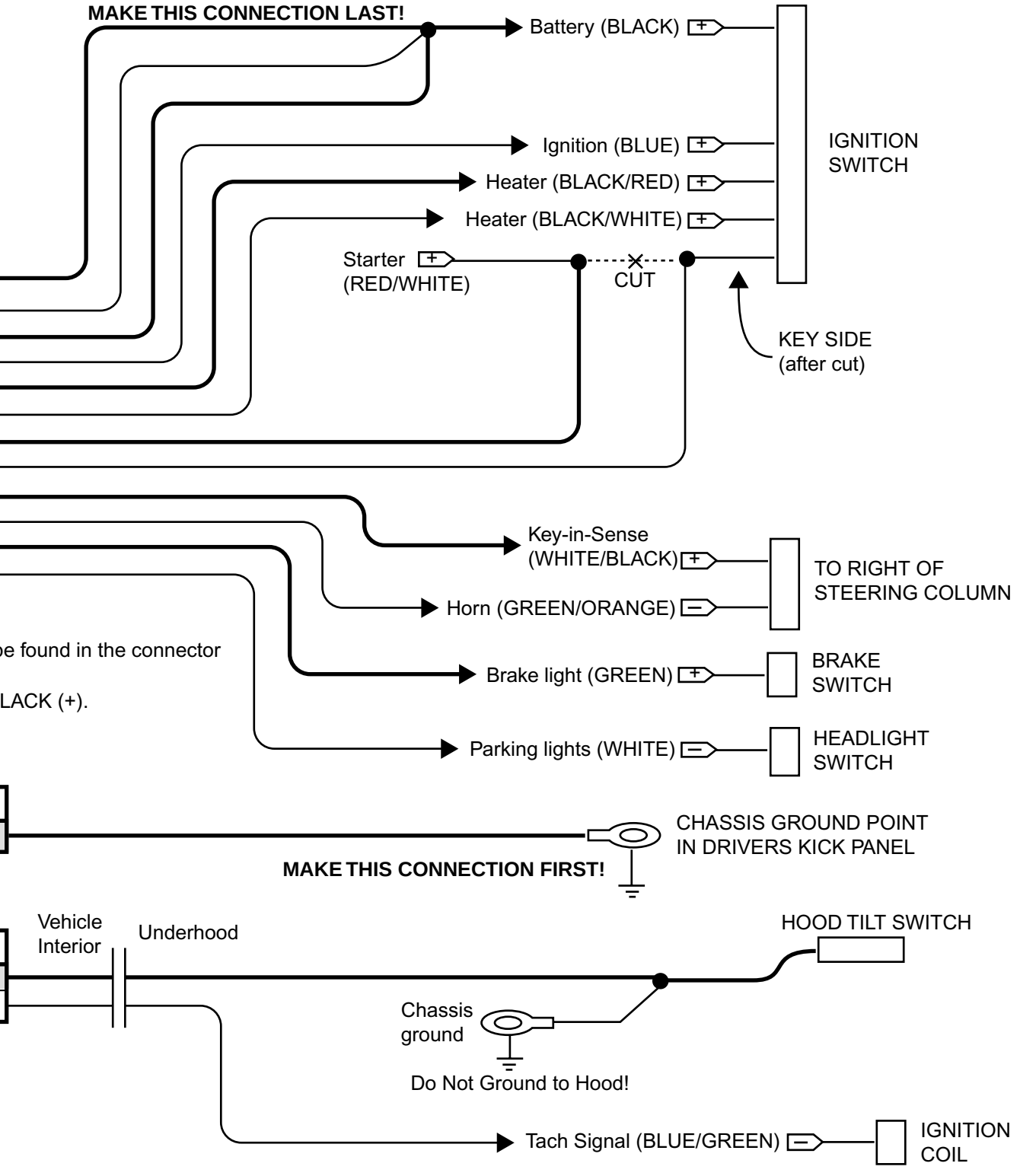
Note:
Parking light circuit can also be found in the connector under the fuse box.
Wire color changes to RED/BLACK (+).

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
Page **1 of 3**	Revision Date **5/30/03**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-13	TAN	Trunk Release Output
C-9	TAN/RED	**DO NOT USE**
A-24	BLUE/GREEN	Driver Door Unlock Output

Dome Light (VIOLET/WHITE) (−)

Door Lock (GRAY) (−)

Door Unlock (BLUE) (−)

AT FUSE BOX

Lock Motor (GREEN/ORANGE) (+)

Driver Door Unlock Motor (RED/WHITE) (+)

AT FACTORY KEYLESS MODULE RIGHT KICK

Connect only on vehicles with factory RKE

Vehicles with factory perimeter alarm, see Factory perimeter alarm disarm connection (page 3 of 3)

Cut and tape off if not used

Trunk Release (GREEN/BLACK) (−)

AT RELEASE SWITCH

Optional Installation Feature
See Optional connections page

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

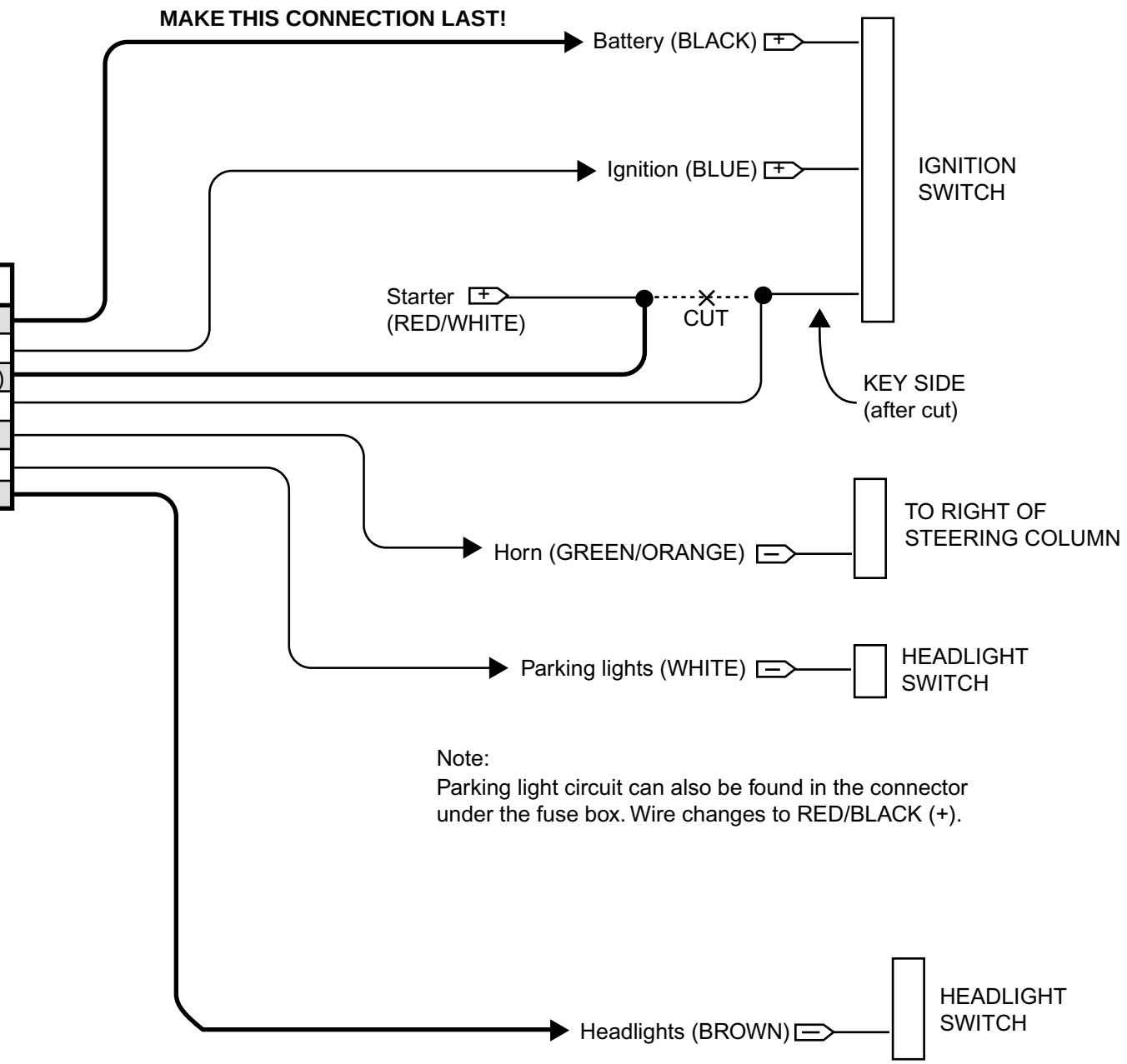
BLACK

Siren

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
2 of 3	**8/22/02**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



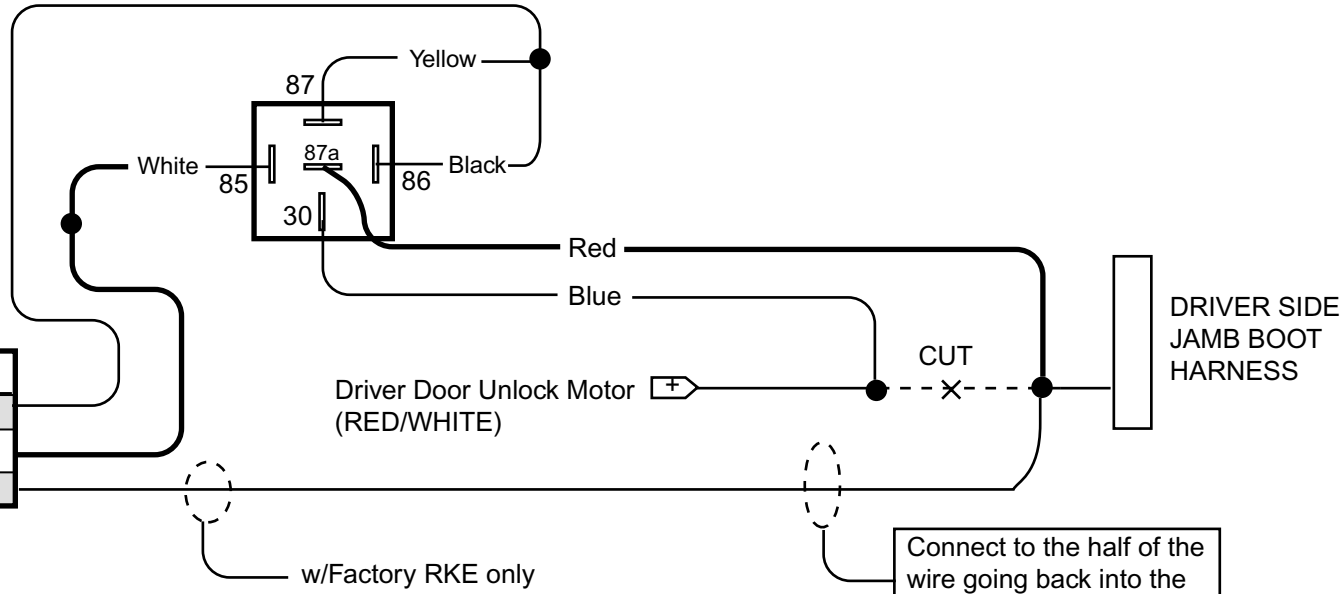
Note:
Parking light circuit can also be found in the connector under the fuse box. Wire changes to RED/BLACK (+).

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
3 of 3	**5/30/03**

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

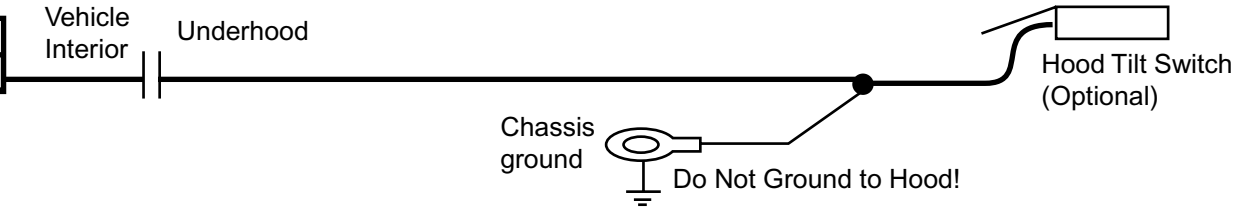
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

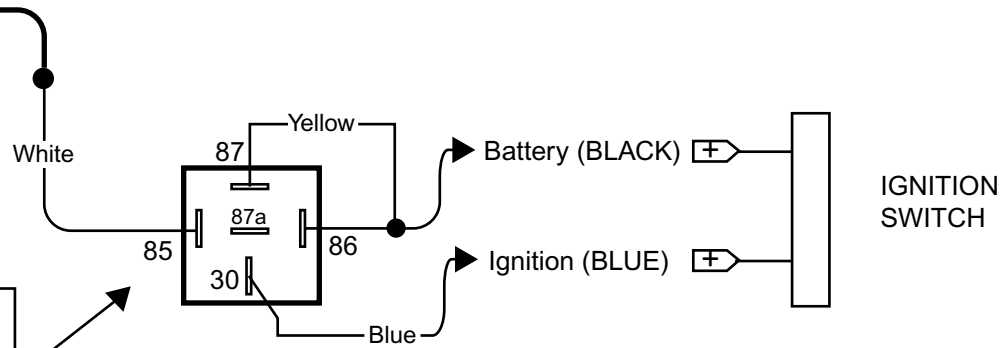
UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



FACTORY PERIMETER ALARM DISARM

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

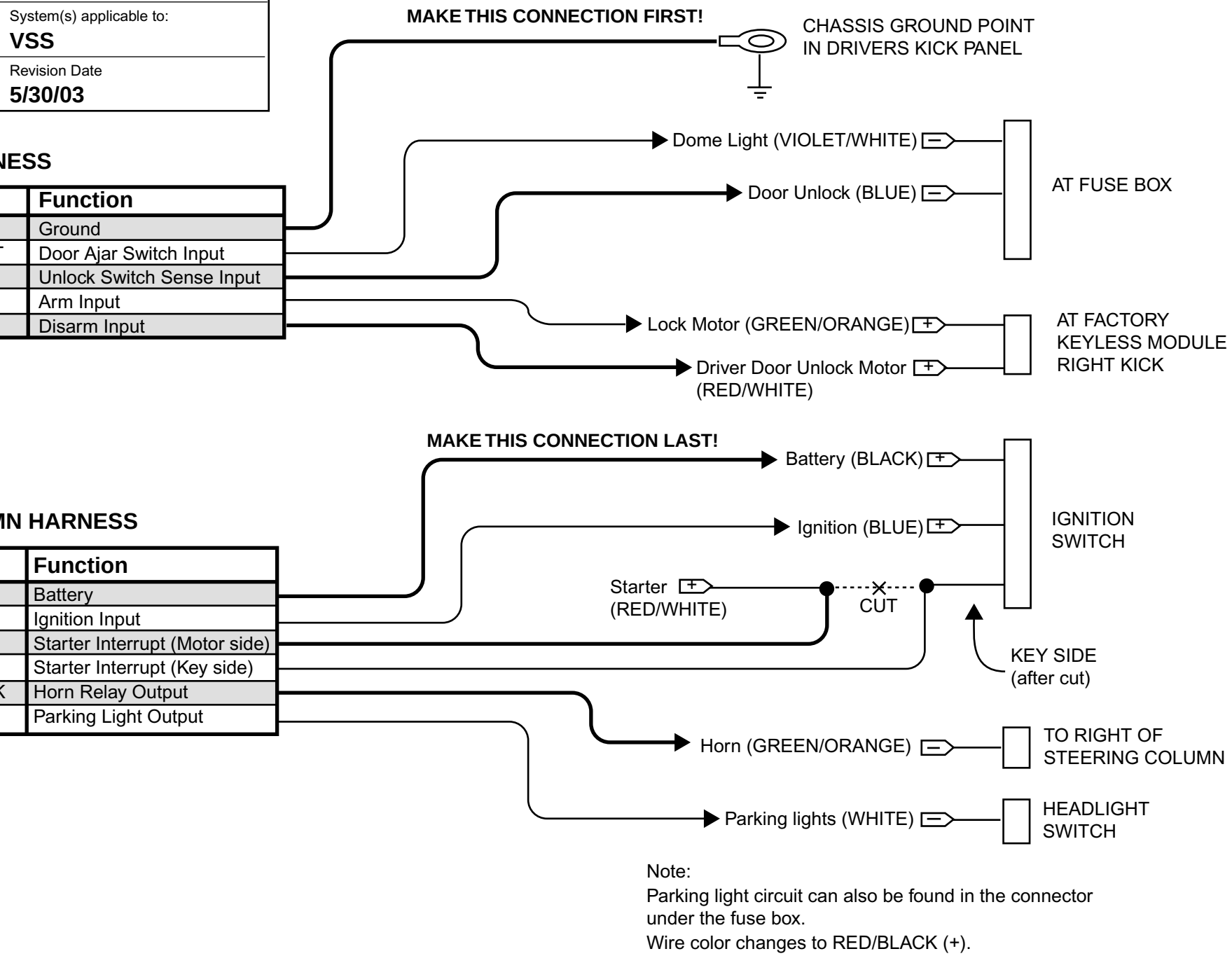
Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
Page	Revision Date
1 of 1	**5/30/03**

KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

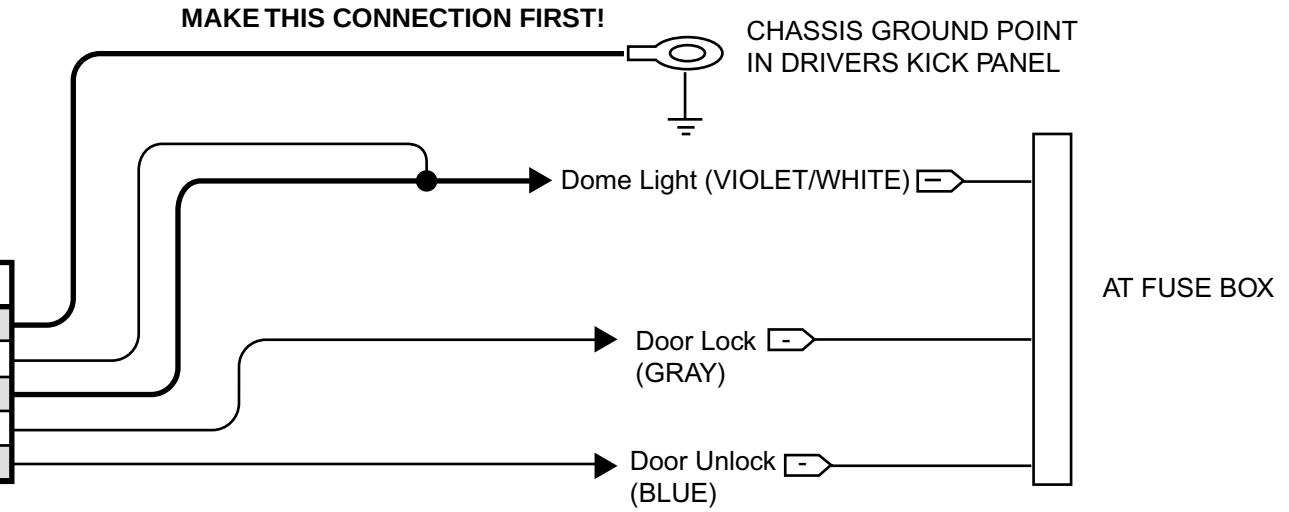


Note:
Parking light circuit can also be found in the connector under the fuse box.
Wire color changes to RED/BLACK (+).

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**VSS/RKE & RKE**
Page	Revision Date
1 of 1	**5/30/03**

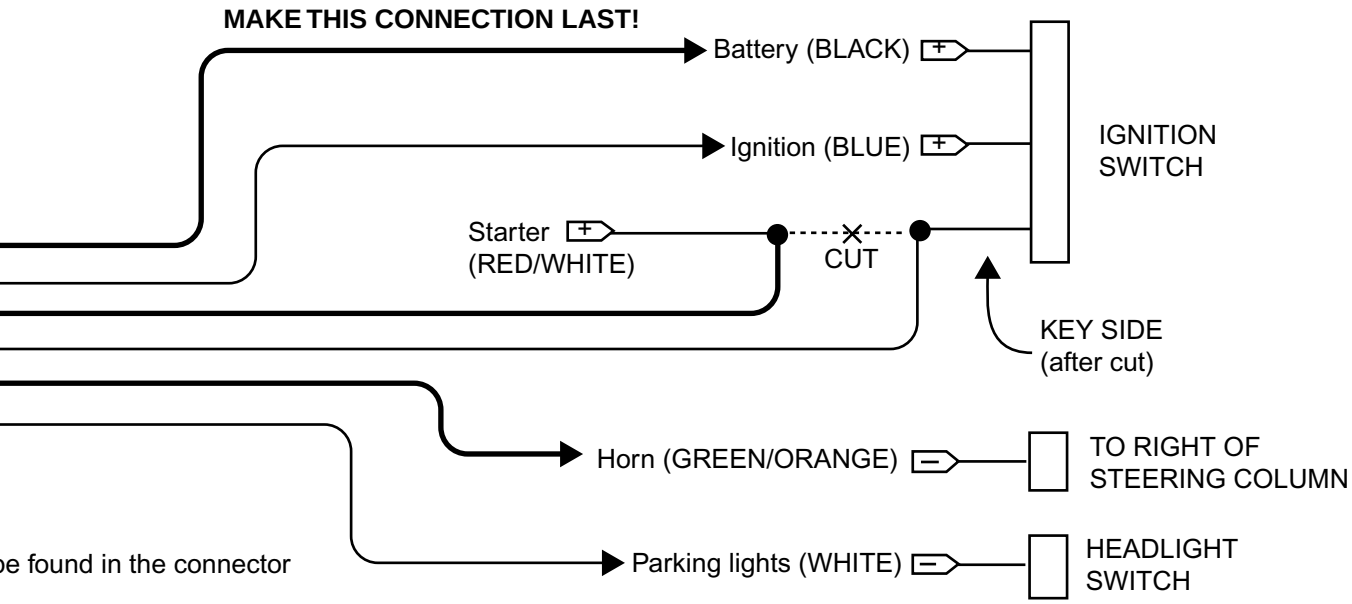
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



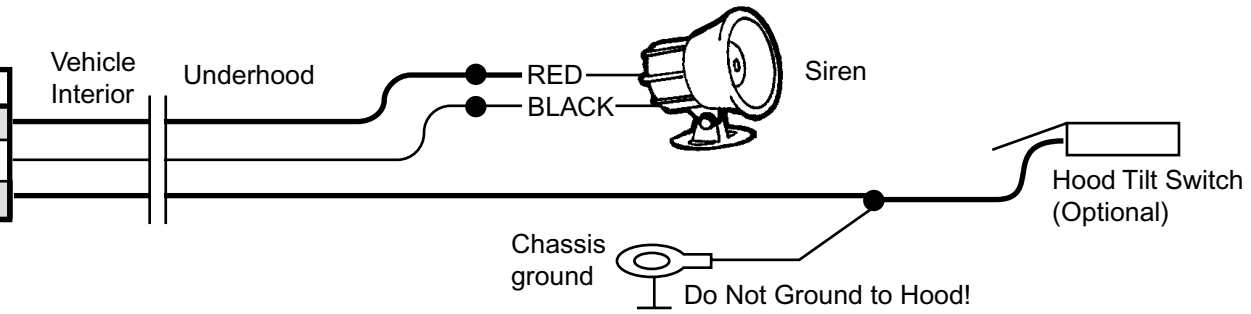
Note:
Parking light circuit can also be found in the connector under the fuse box.
Wire color changes to RED/BLACK (+).

Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**VSS & RKE/VSS**
Page	Revision Date
1 of 1	**5/30/03**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



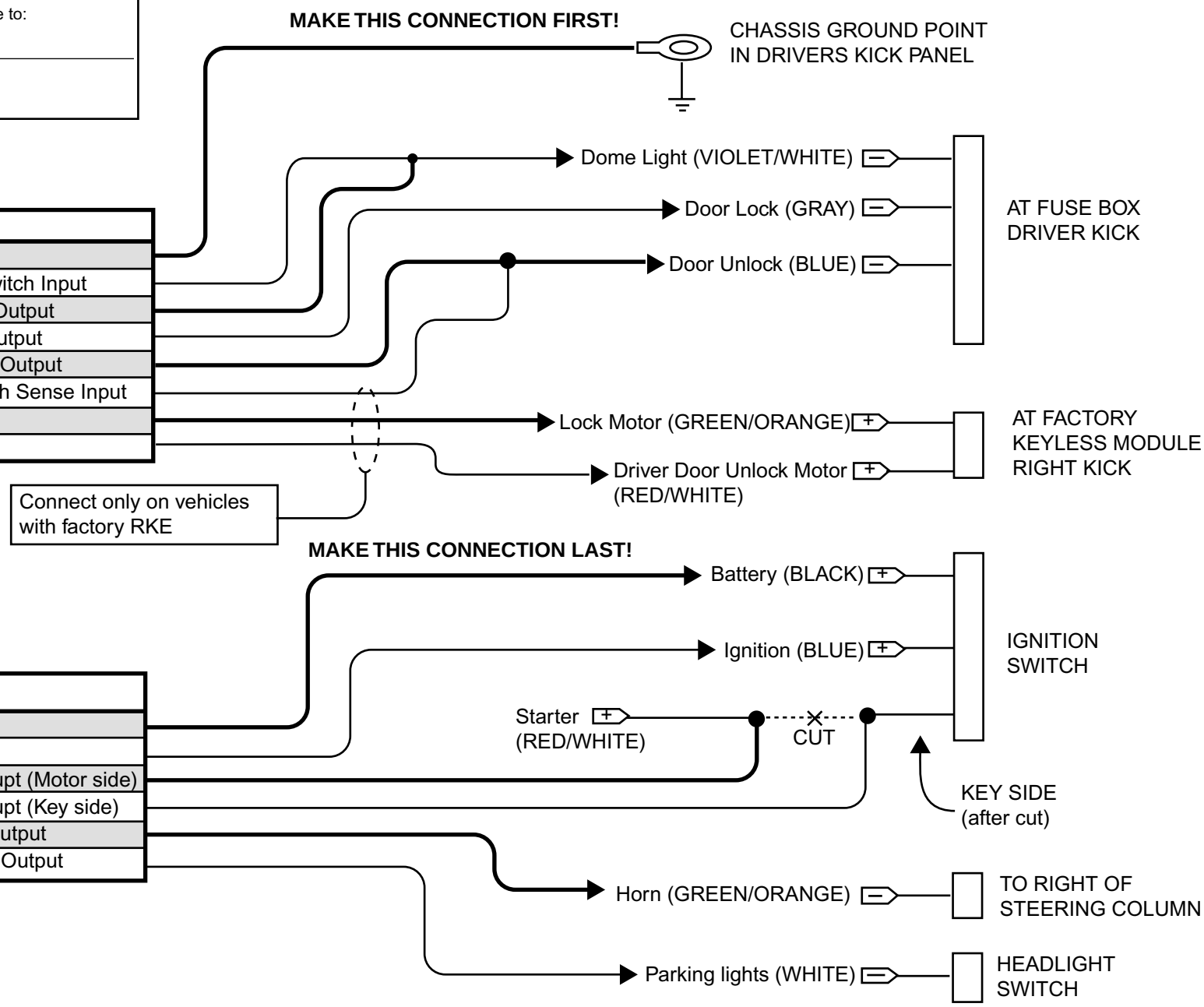
Vehicle (Year/Make/Model)	
'02/'03 Escort	
Equipment or Trim level	System(s) applicable to:
ALL	**Preload**
Page	Revision Date
1 of 1	**5/30/03**

KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

STEERING COLUMN HARNESS

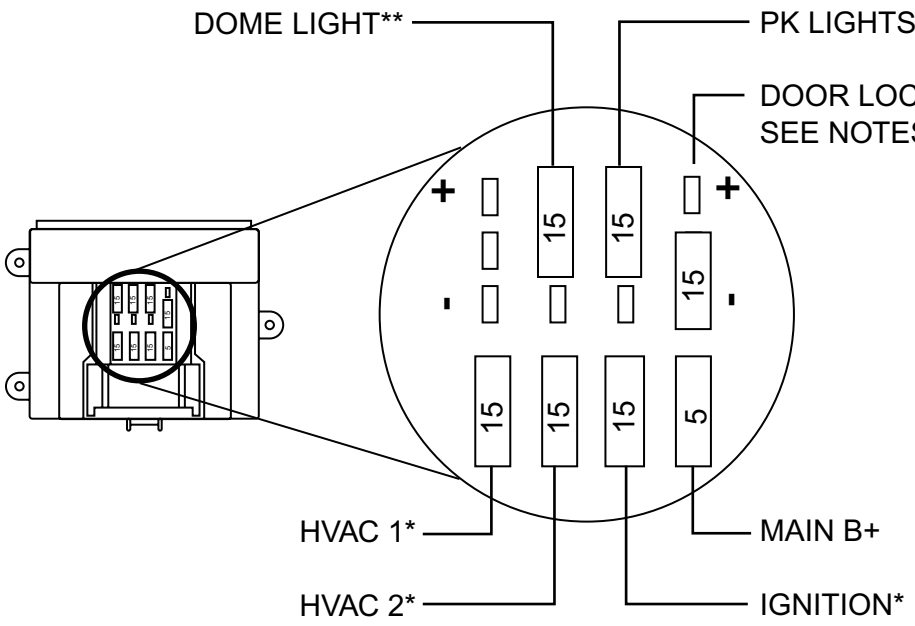
	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Note:
Parking light circuit can also be found in the connector under the fuse box. Wire color changes to RED/BLACK(+).

Vehicle (Year/Make/Model)	
'02/'03 Excursion/ Super Duty	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **10/13/03**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system.

PATS INTERFACE:

2002 - 1L3Z-19G365-AB
2003 - 1L3Z-19G365-AB

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)
Rear Defroster	0.5 Sec pulse (Default)

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - TRIM-SWITCH DISABLE
1 - DRIVER'S DOOR PRIORITY UNLOCK (OPTIONAL)

MODULE MOUNTING LOCATION:

UPPER LEFT KICK PANEL

Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
W/Factory RKE	**RKE/VSS/RMST**
Page	Revision Date
1 of 4	**5/27/03**

(NOTE: ALSO INCLUDES RKE/RMST)

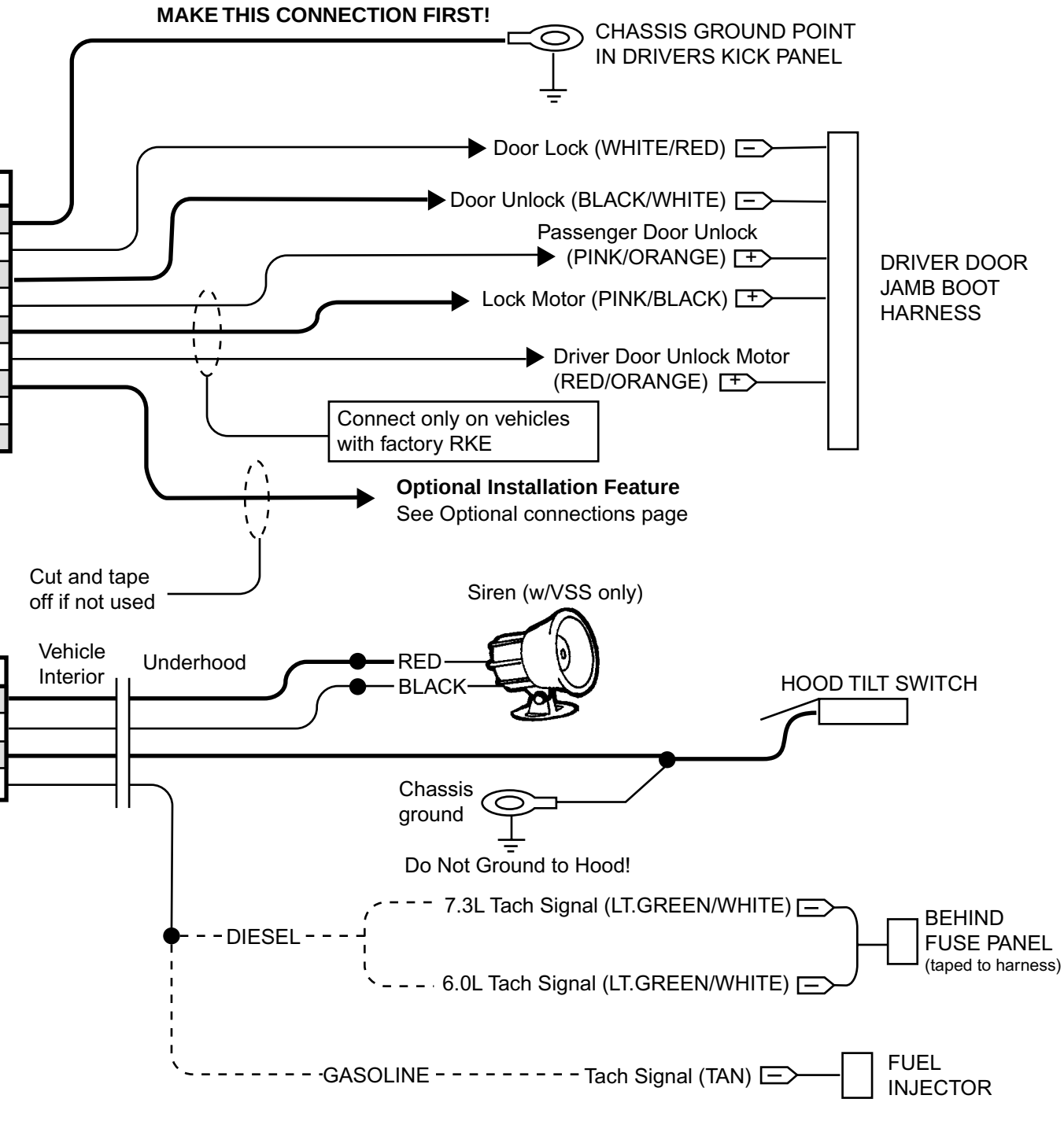
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

NOTE: If vehicle is equipped with trim switch disable, refer to page 4 for the wiring diagram

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
W/O Factory RKE	**RKE/VSS/RMST**
Page	Revision Date
2 of 4	**10/13/03**

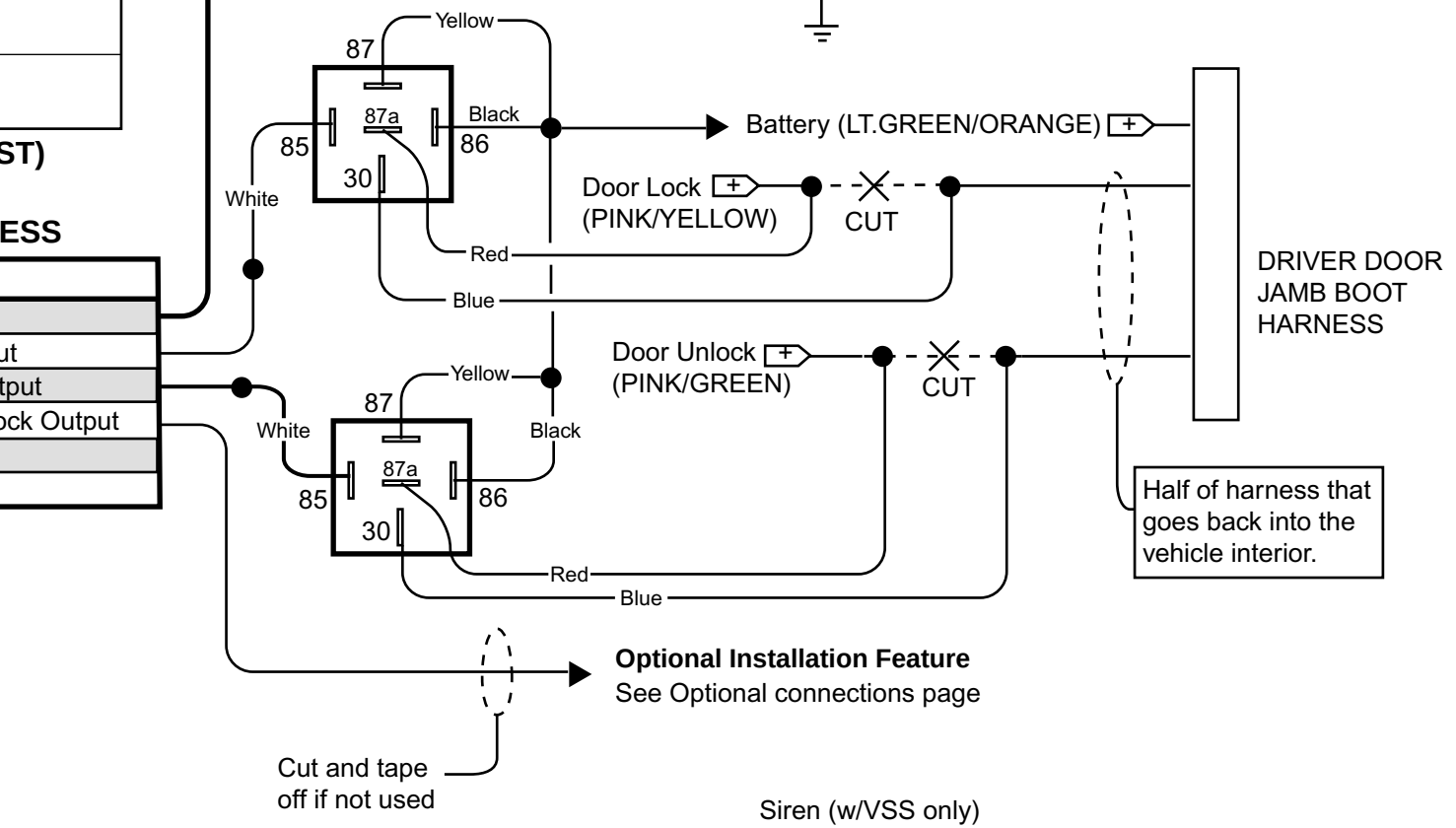
(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

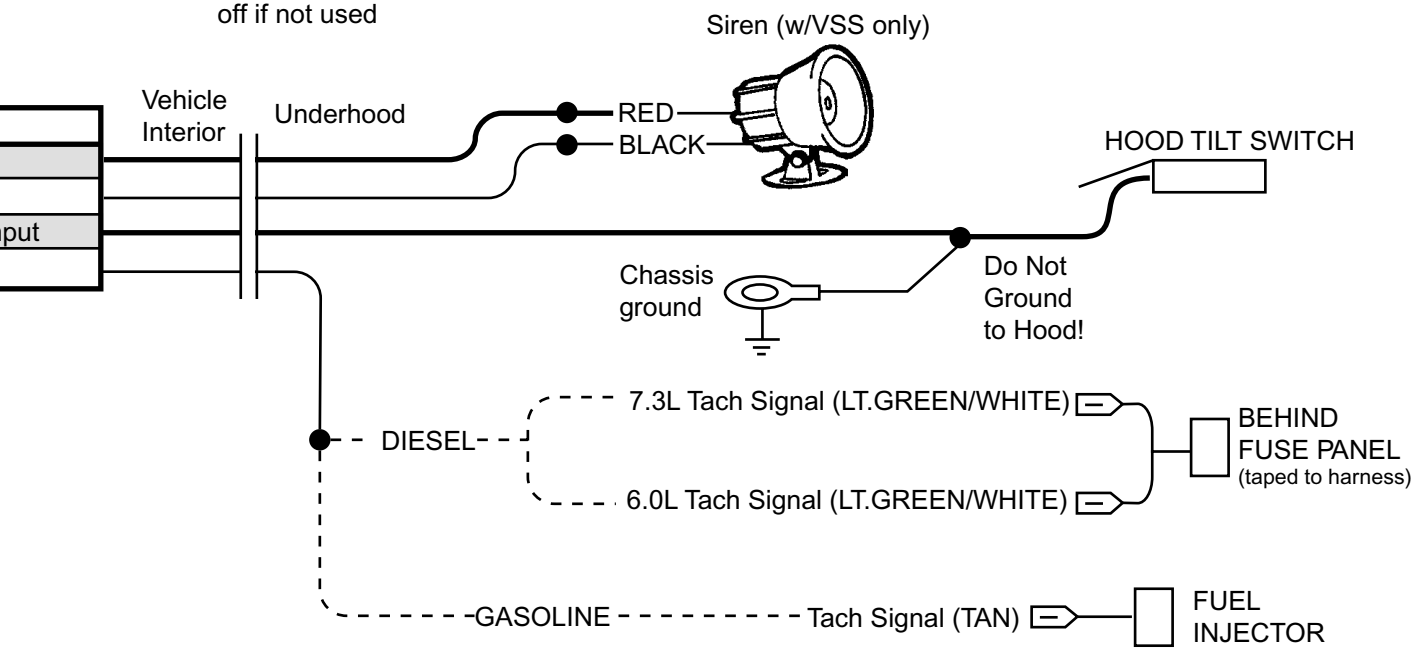
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

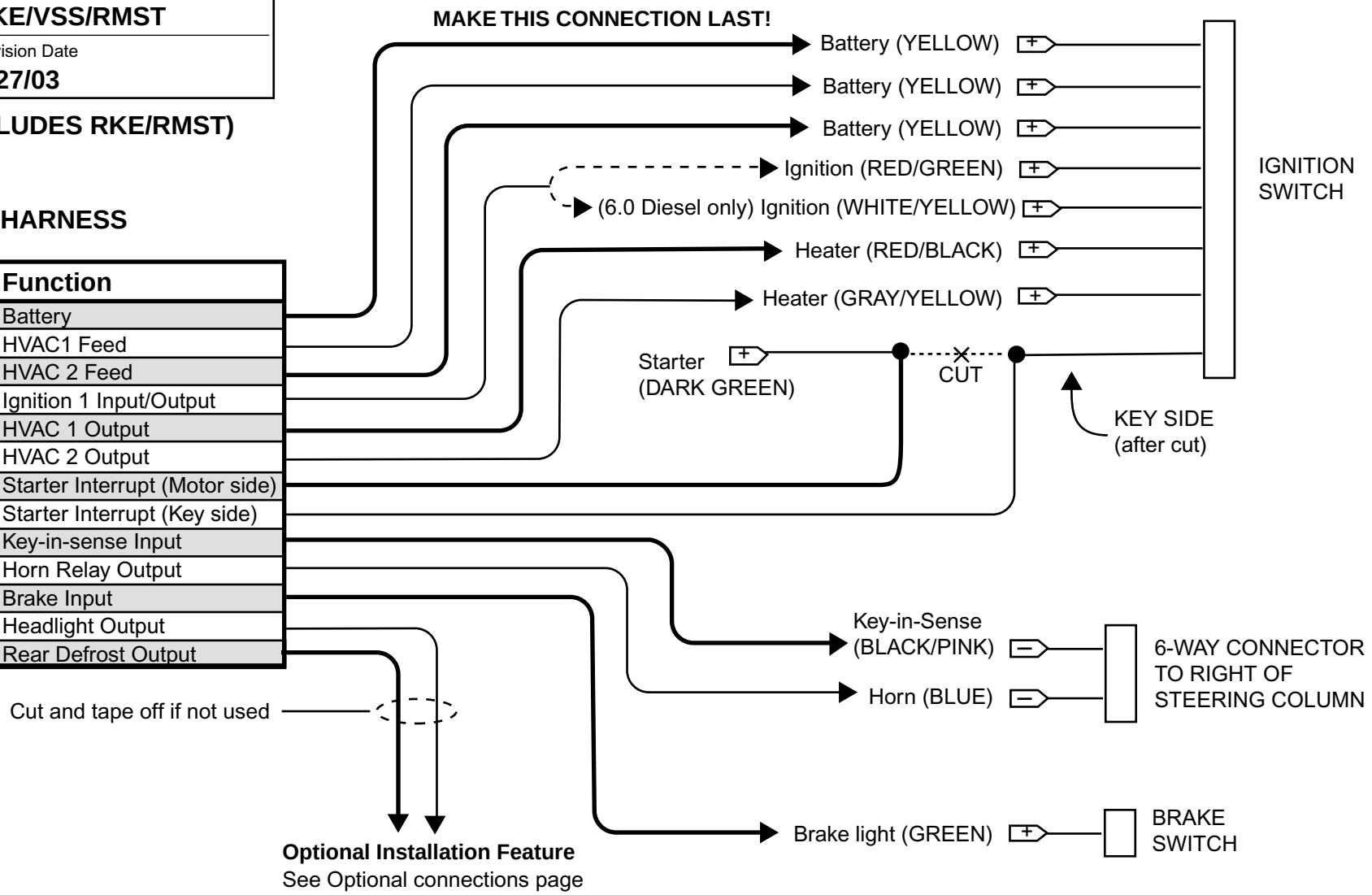


Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **3 of 4**	Revision Date **5/27/03**

(NOTE: ALSO INCLUDES RKE/RMST)

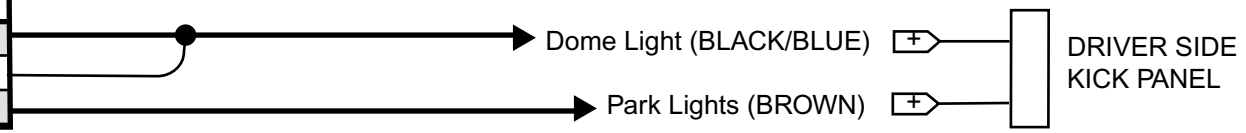
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-4	BLUE/WHITE	Rear Defrost Output



LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Park Light Output



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
4 of 4	**5/27/03**

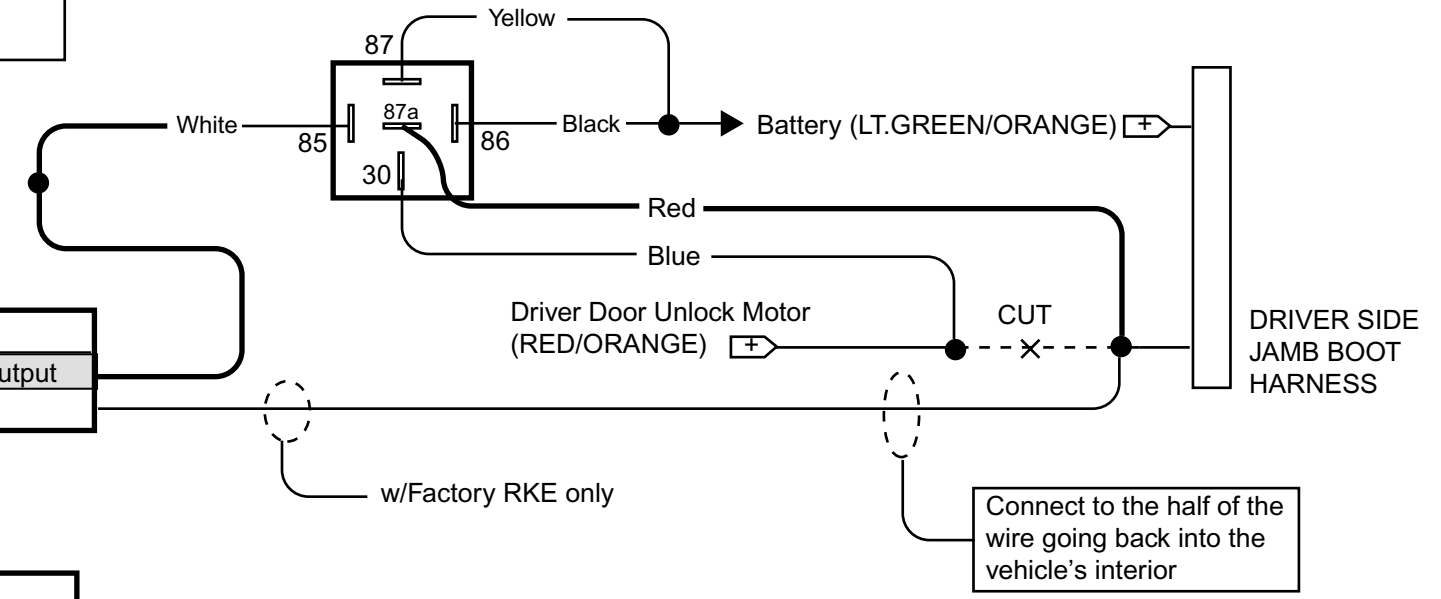
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

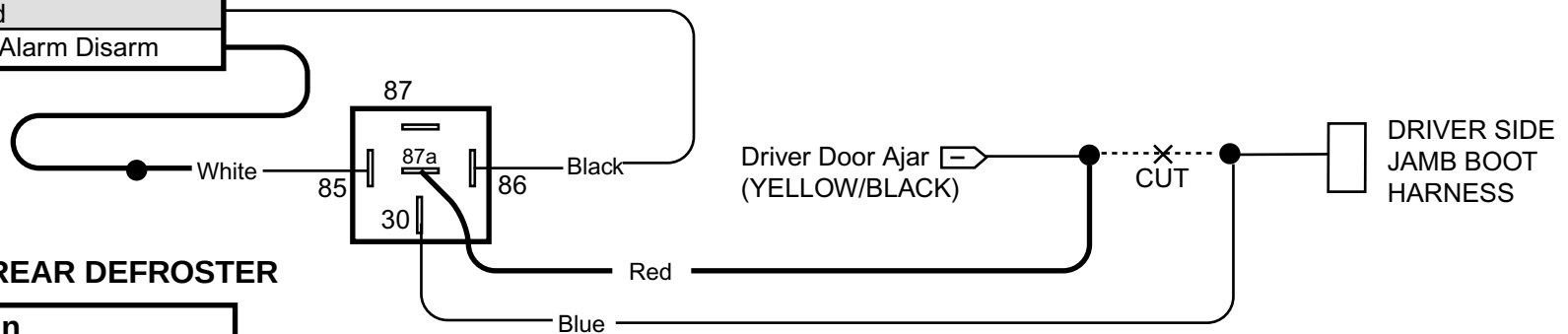
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



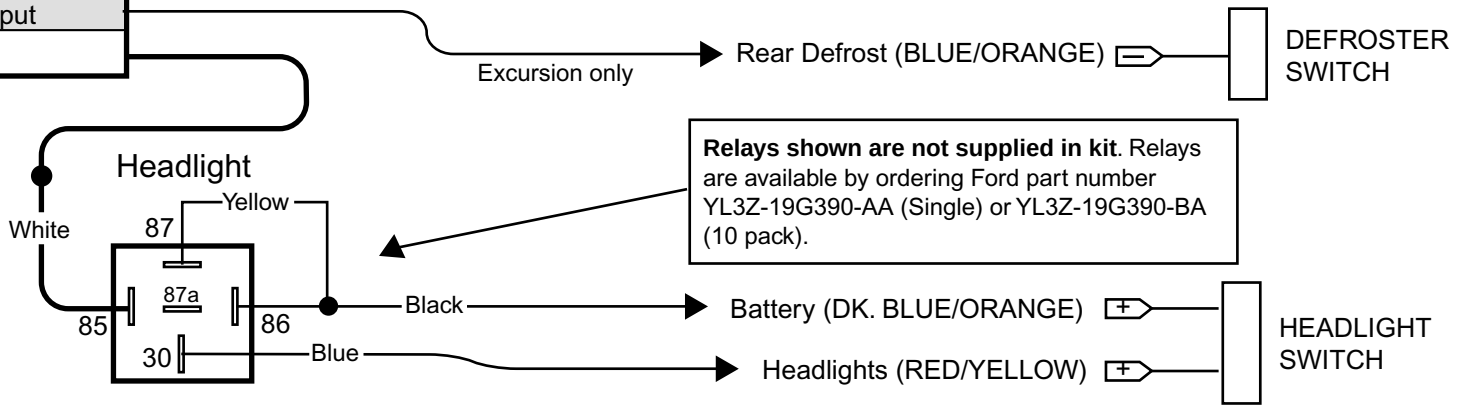
TRIM SWITCH DISABLE RELAY SET-UP

	Color	Function
A-15	RED	Siren Feed
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-11	BLUE/WHITE	Rear Defroster Output
C-10	RED/WHITE	Headlight Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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STEERING COLUMN HARNESS

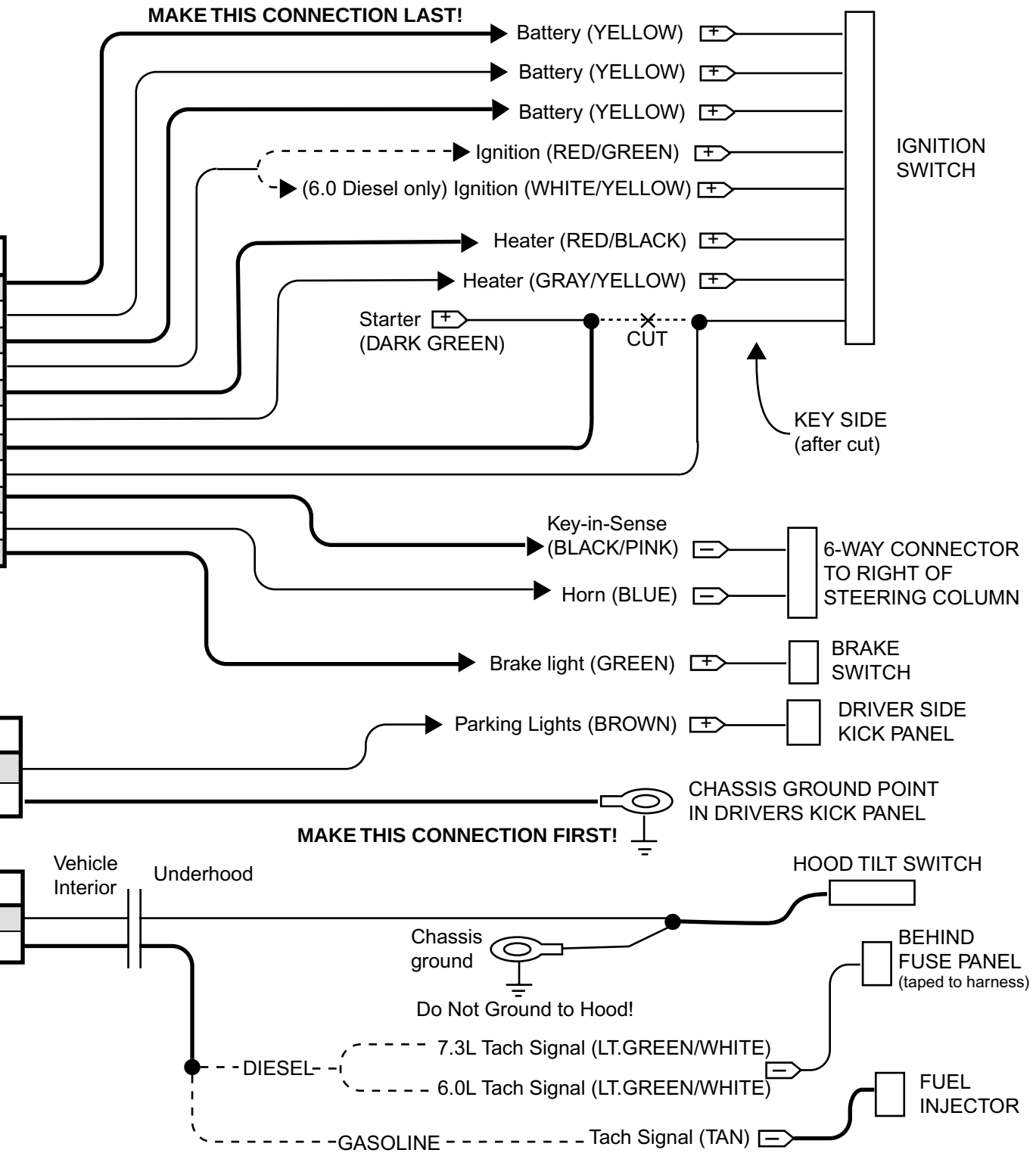
	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
W/Factory RKE	**Deluxe RKE/VSS**
Page	Revision Date
1 of 4	**5/27/03**

(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-1	WHITE	Parking Light Output

Door Lock (WHITE/RED) (-)

Door Unlock (BLACK/WHITE) (-)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Parking Lights (BROWN) (+)

DRIVER SIDE KICK PANEL

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

Dome Light (BLACK/BLUE) (+)

DRIVER SIDE KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior

Underhood

RED

BLACK

Siren

Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**Deluxe RKE/VSS**
Page	Revision Date
2 of 4	**9/2/03**

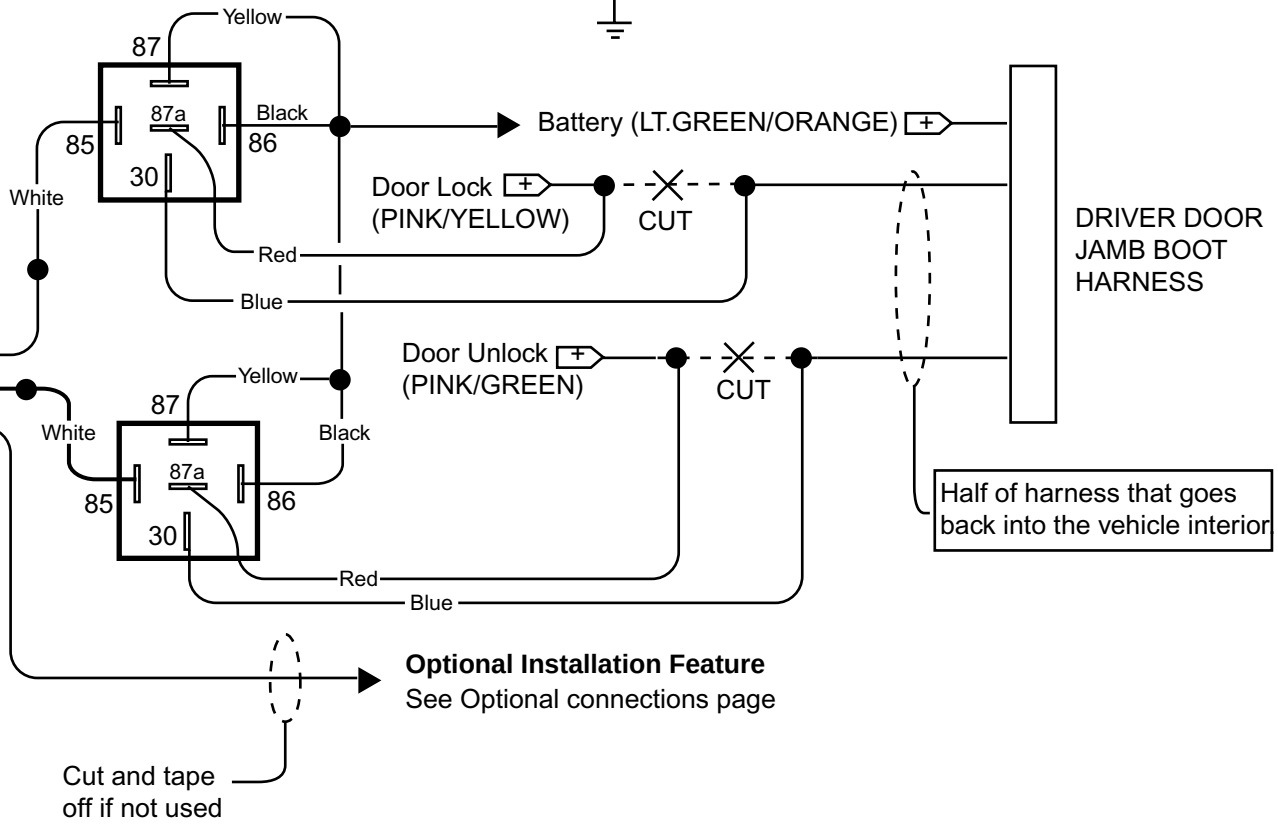
(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

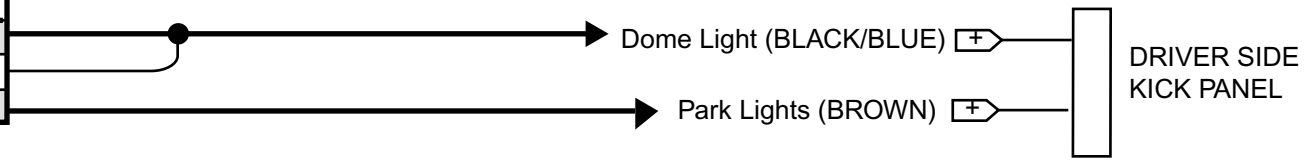
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



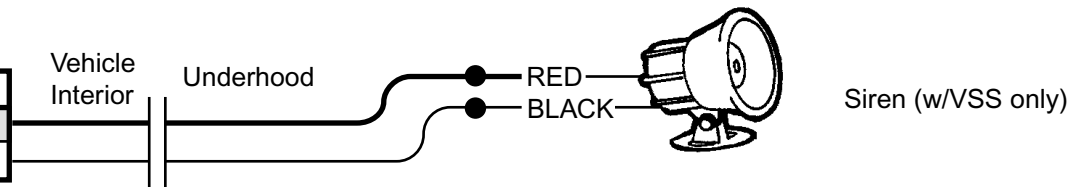
LOWER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

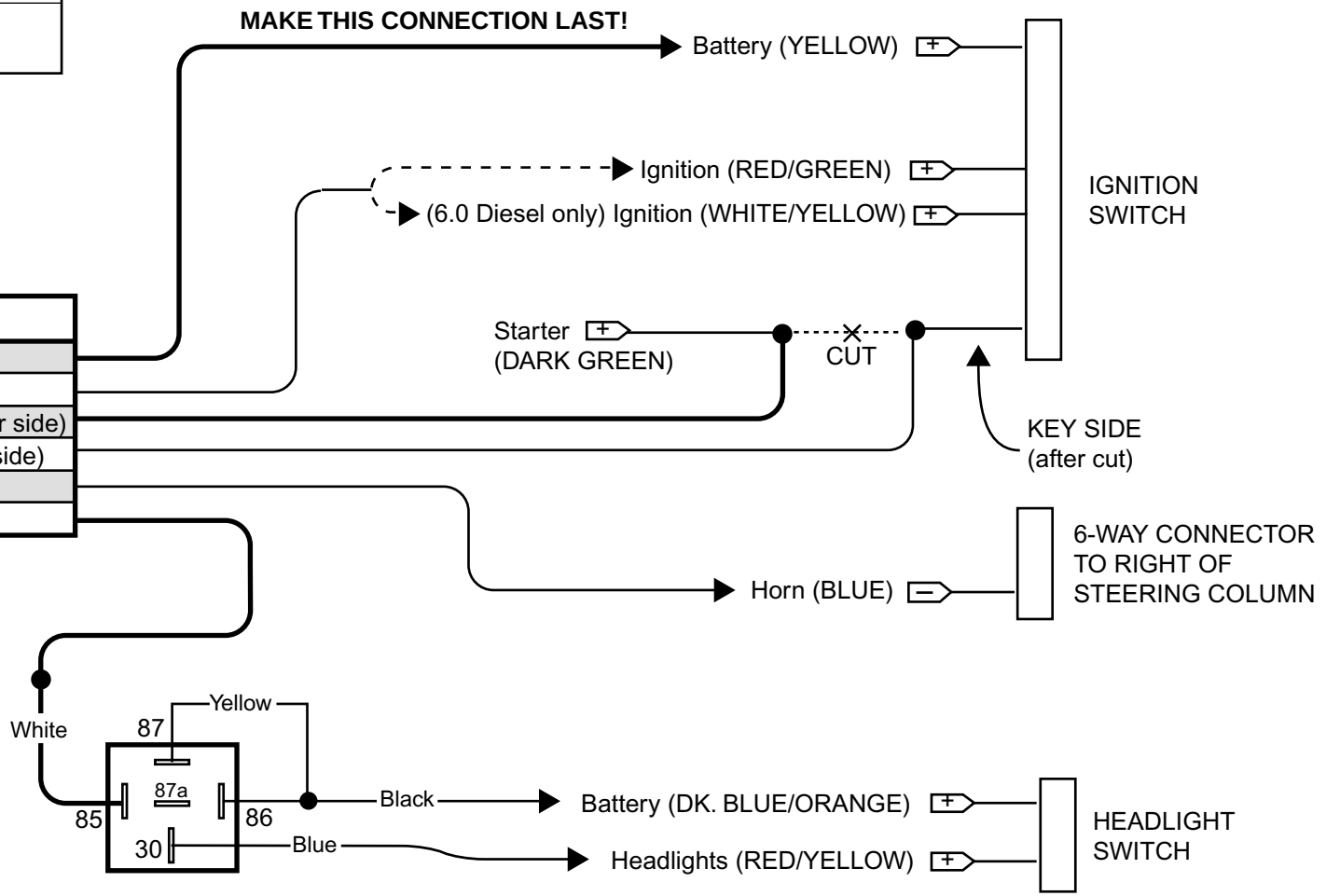


Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**Deluxe RKE/VSS**
Page	Revision Date
3 of 4	**5/27/03**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

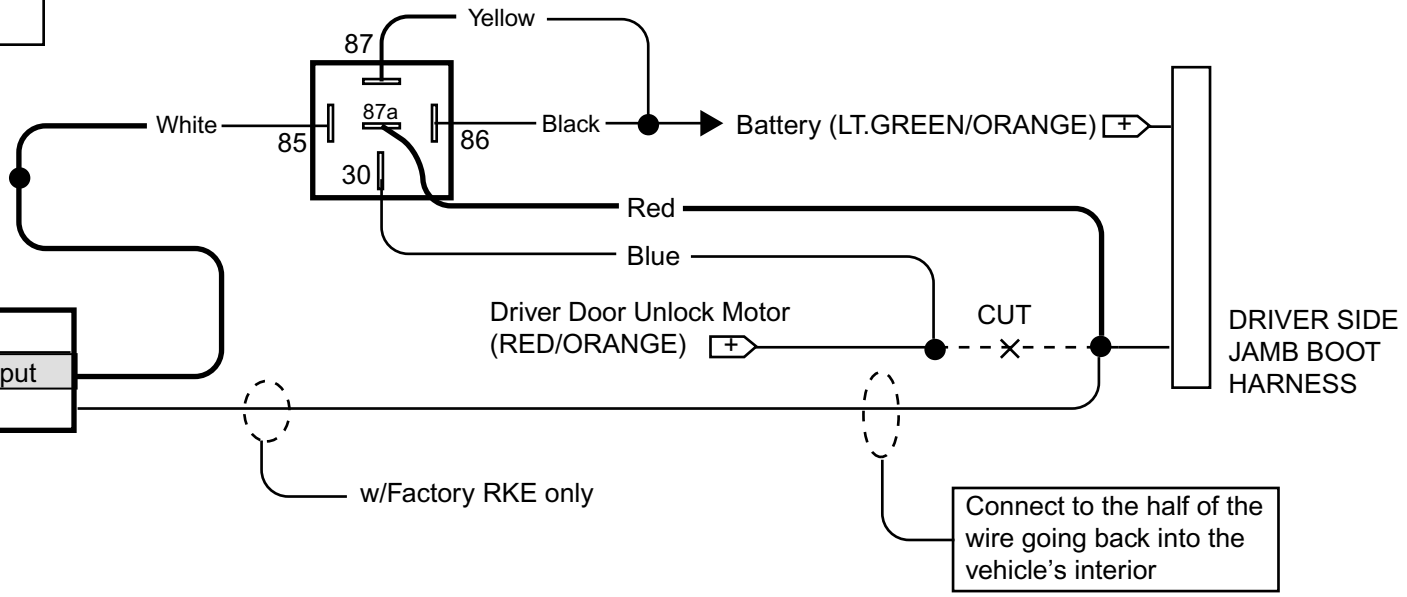
	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
4 of 4	**5/27/03**

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

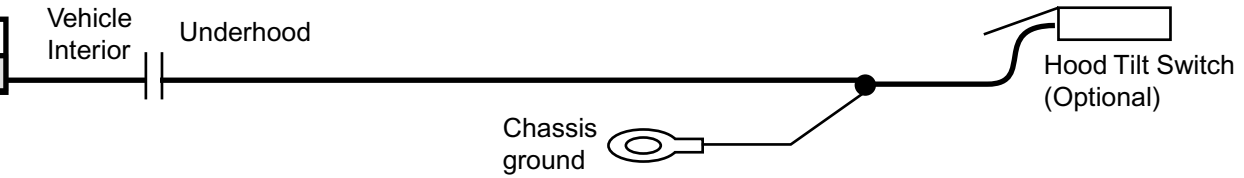


DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

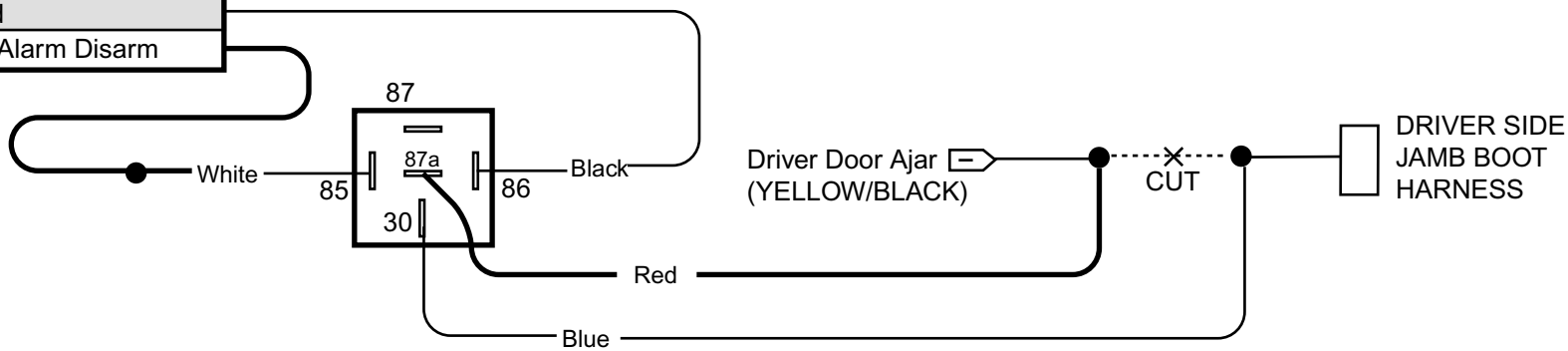
UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



TRIM SWITCH DISABLE RELAY SET-UP

	Color	Function
A-15	RED	Siren Feed
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
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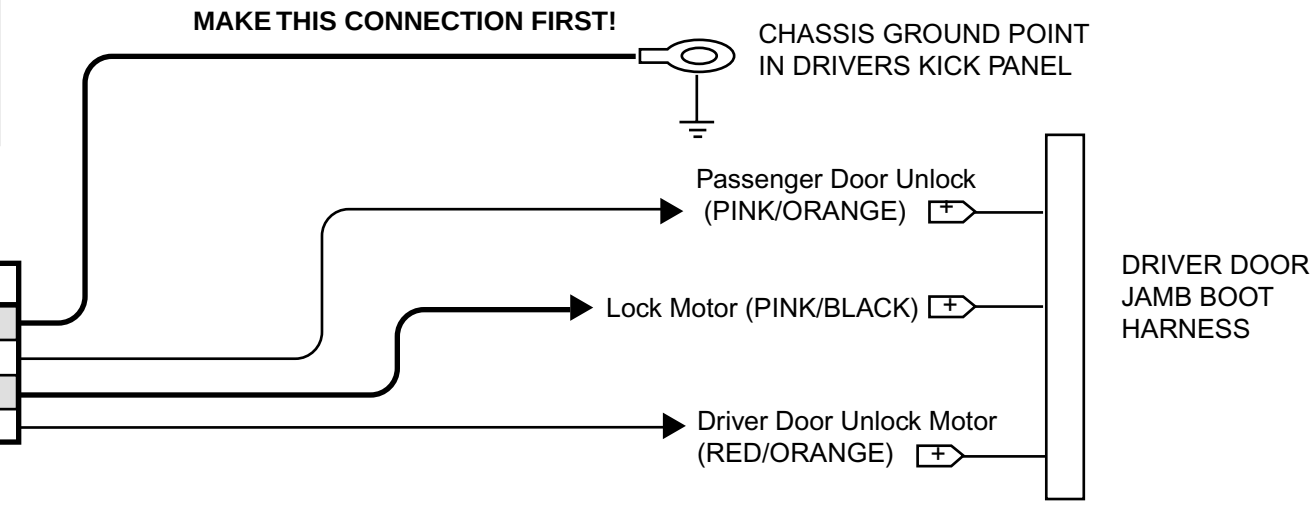
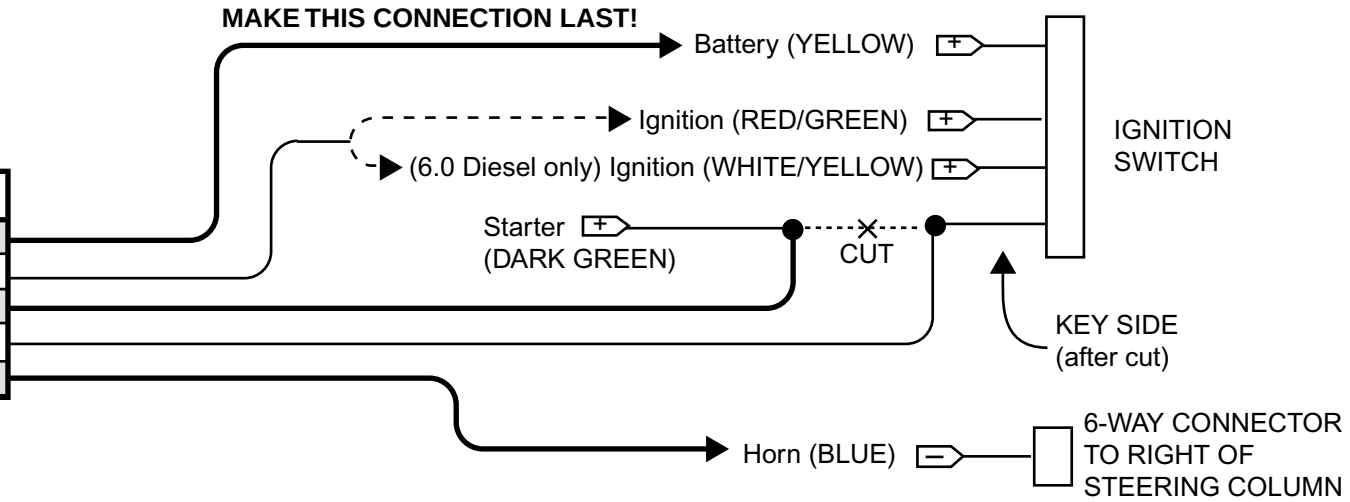
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



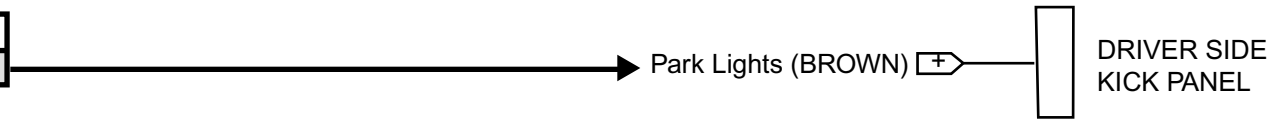
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

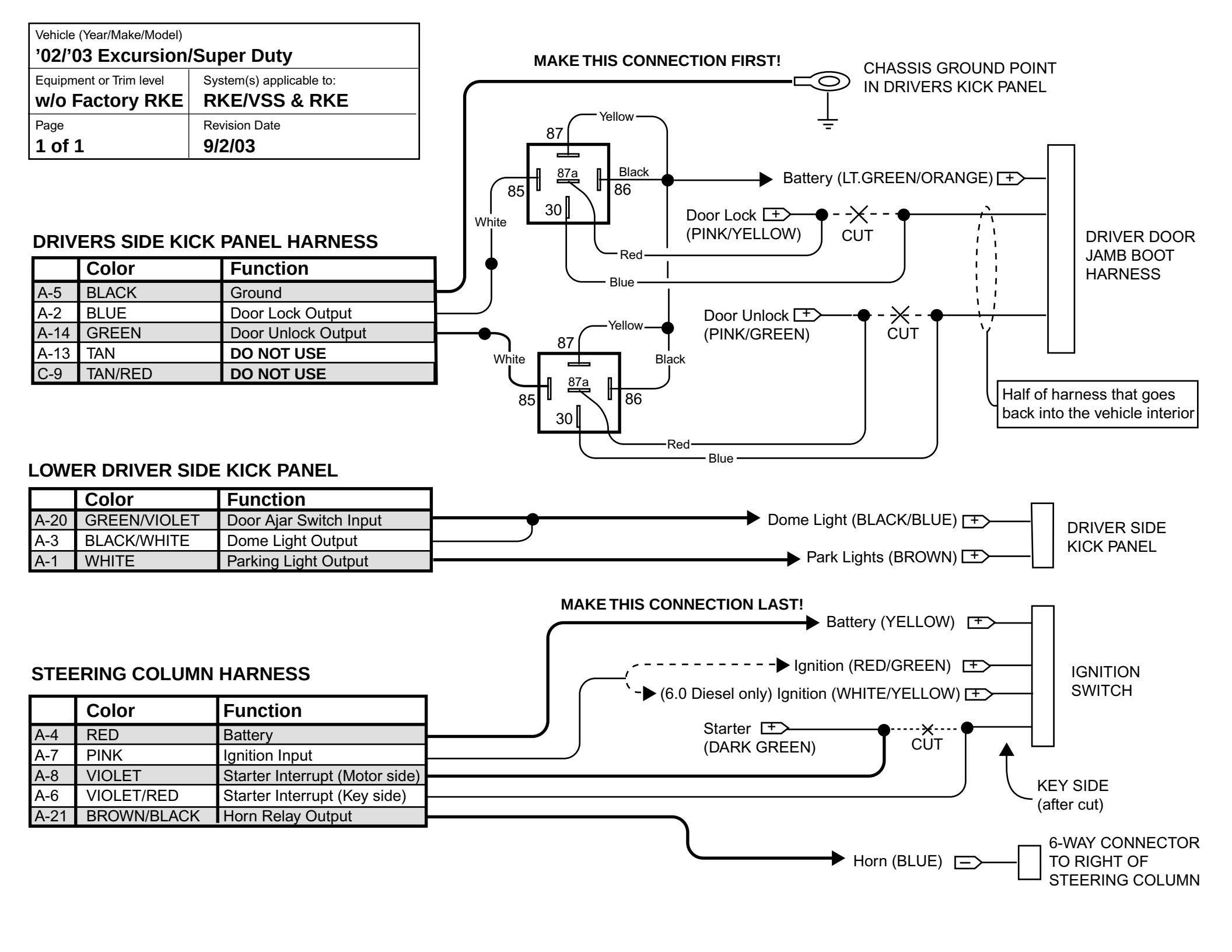


LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE/VSS & RKE**
Page	Revision Date
1 of 1	**9/2/03**



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

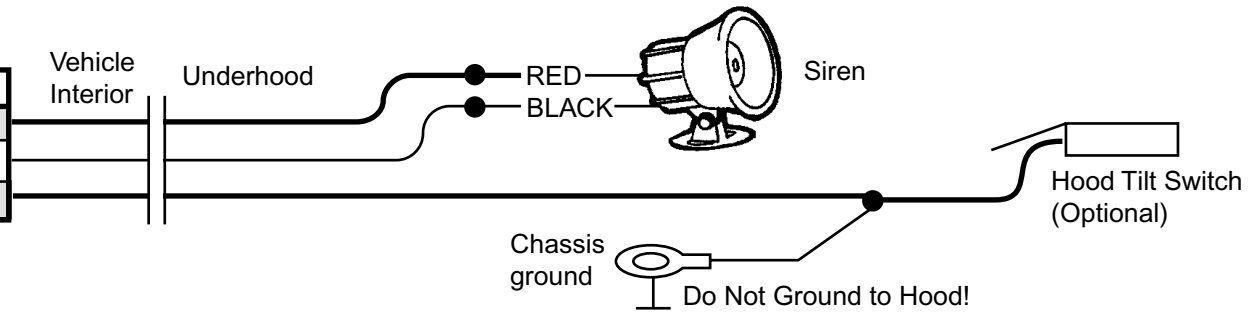
	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
Page **1 of 1**	Revision Date **5/27/03**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**Preload**
Page	Revision Date
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DRIVERS SIDE KICK PANEL HARNESS

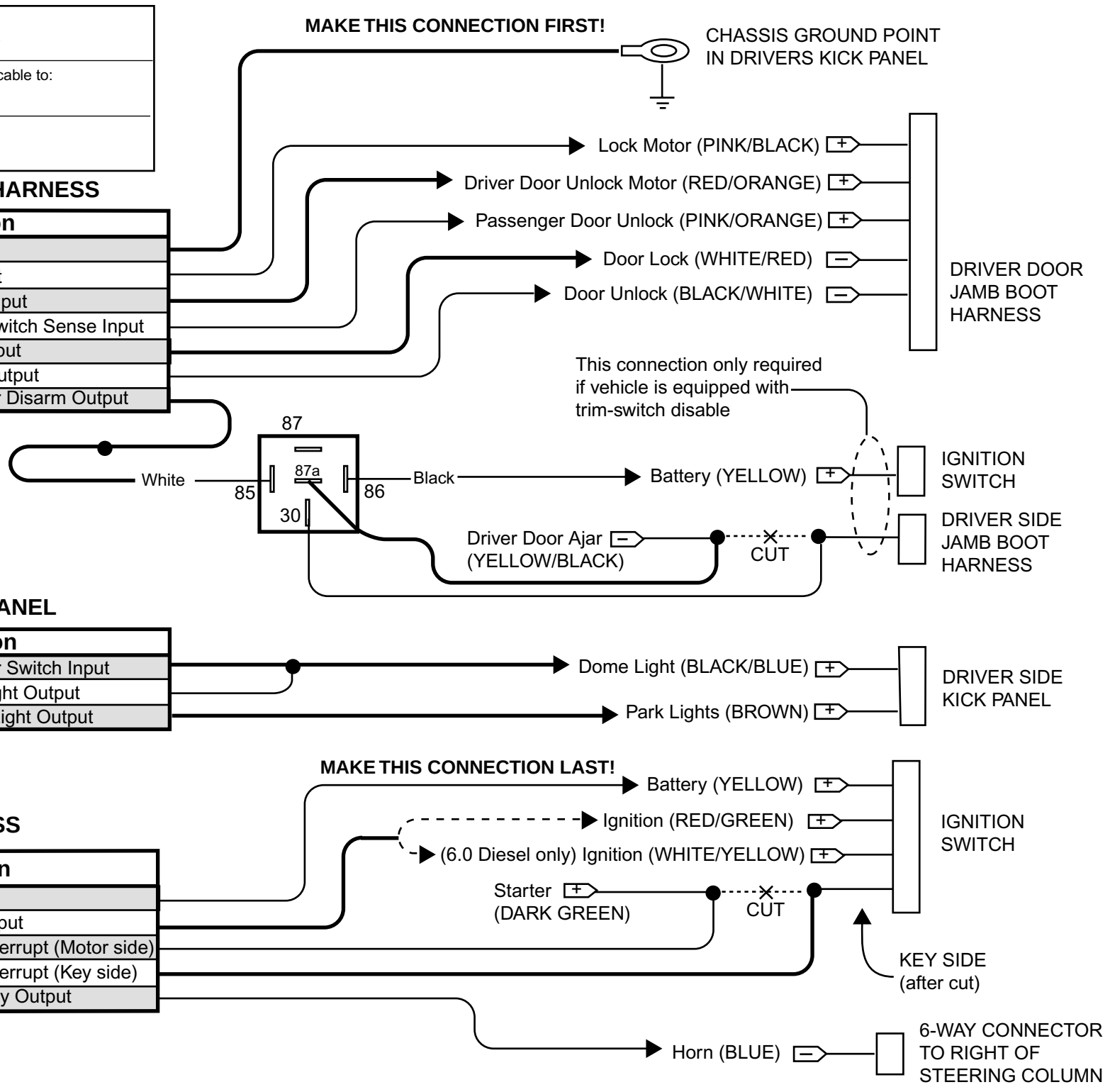
	Color	Function
A-5	BLACK	Ground
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-2	BLUE	Lock Output
A-14	GREEN	Unlock Output
C-4	LT.GREEN/BLACK	Perimeter Disarm Output

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'02/'03 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**Preload**
Page	Revision Date
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DRIVERS SIDE KICK PANEL HARNESS

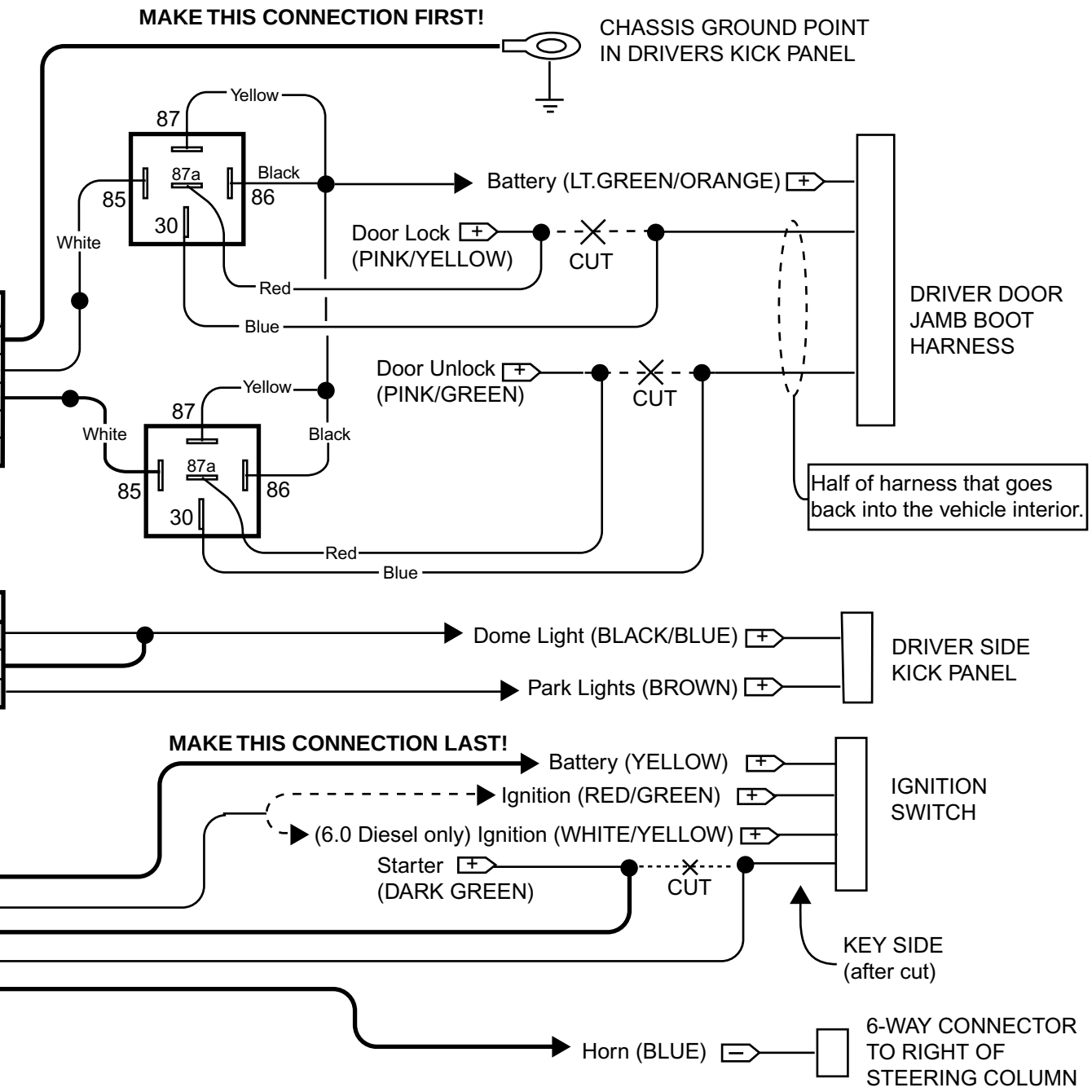
	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'04-'05 Excursion/ Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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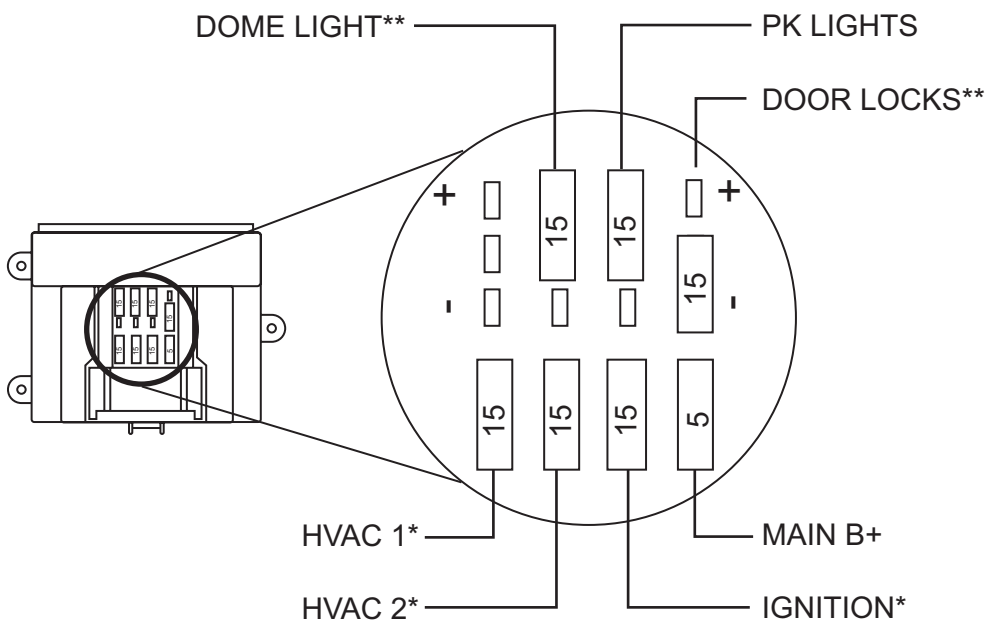
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system.

REMOTE START (RMST) PARTS REQUIRED:

Securilock (PATS) Interface:
2004-2005 - 1L3Z-19G365-AB (Excursion Only)

Tach Inverter:
2004-2005 - Part # 102818-2 (6.0 Liter Diesel Vehicles)
Call 800-FORD-KEY to order

REMOTE START (RMST) SPECIFIC PROGRAMMING:

Diesel Timer	ON (Diesel vehicles only)
Key in Sense polarity	Negative (Default setting)
Rear Defroster	0.5 Sec pulse (Default)
Learn Tachometer	Required on all vehicles

RELAY REQUIREMENTS:

2 - Door Lock/Unlock (W/O Factory RKE)
1 - Headlight Illumination (Optional)
1 - Driver's Door Priority Unlock (Optional)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default Setting)

MODULE MOUNTING LOCATION:

Upper Left side of the driver's underdash behind fuse panel near parking brake assembly.

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	System(s) applicable to:
W/Factory RKE	**RKE/VSS/RMST**
Page	Revision Date
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(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output

Door Lock (WHITE/RED) (−)

Door Unlock (BLACK/WHITE) (−)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

DRIVER'S SIDE KICK PANEL HARNESS

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER'S DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

Dome Light (BLACK/BLUE) (+)

Park Lights (BROWN) (+)

REAR OF DRIVER'S DOOR SILL PLATE HARNESS

NOTE: If vehicle is equipped with trim switch disable, refer to page 4 for the wiring diagram

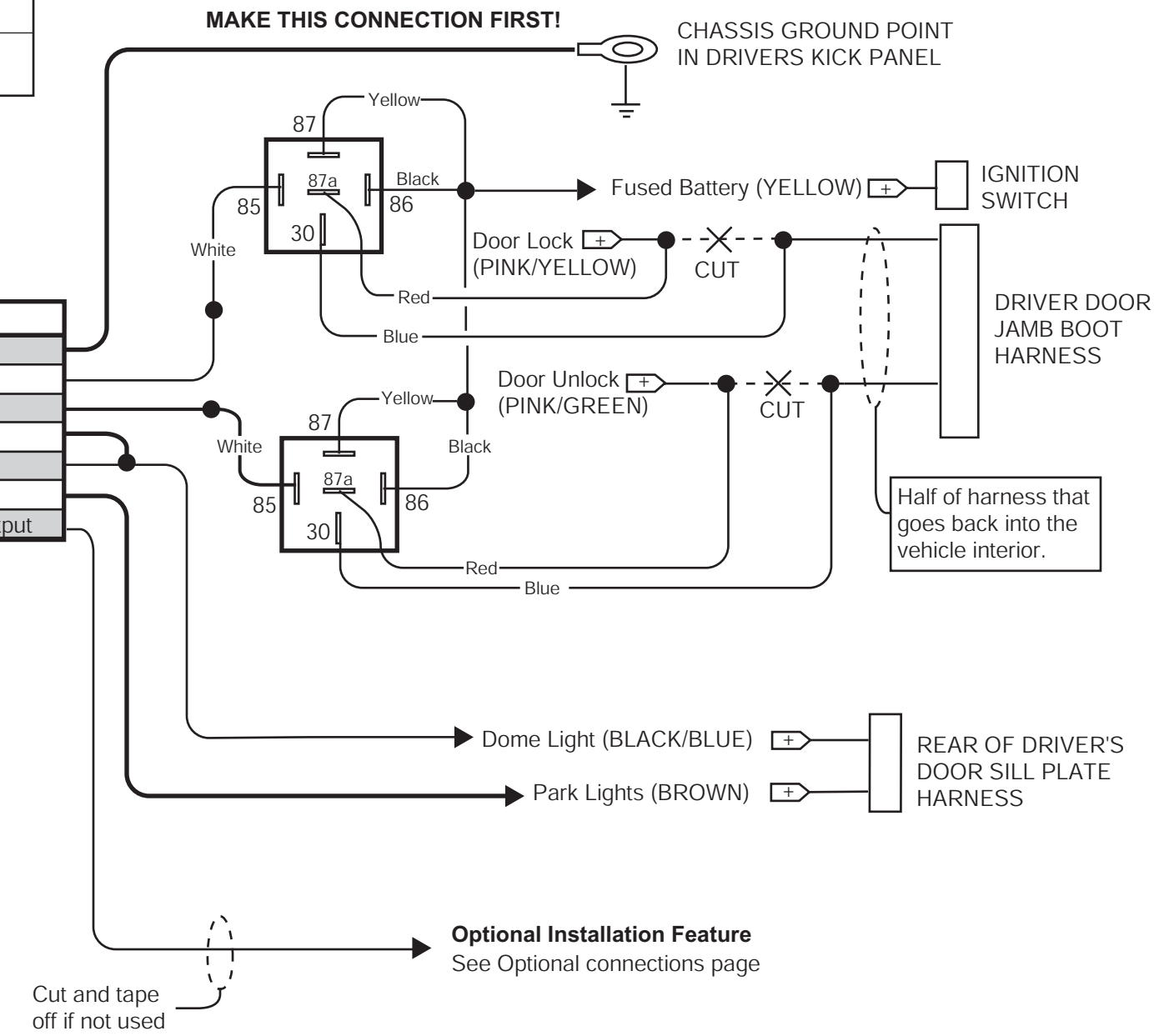
Optional Installation Feature
See Optional connections page

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS/RMST**
Page	**Revision Date**
2 of 5	**8/25/04**

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output
A-24	BLUE/GREEN	Driver Door Unlock Output



Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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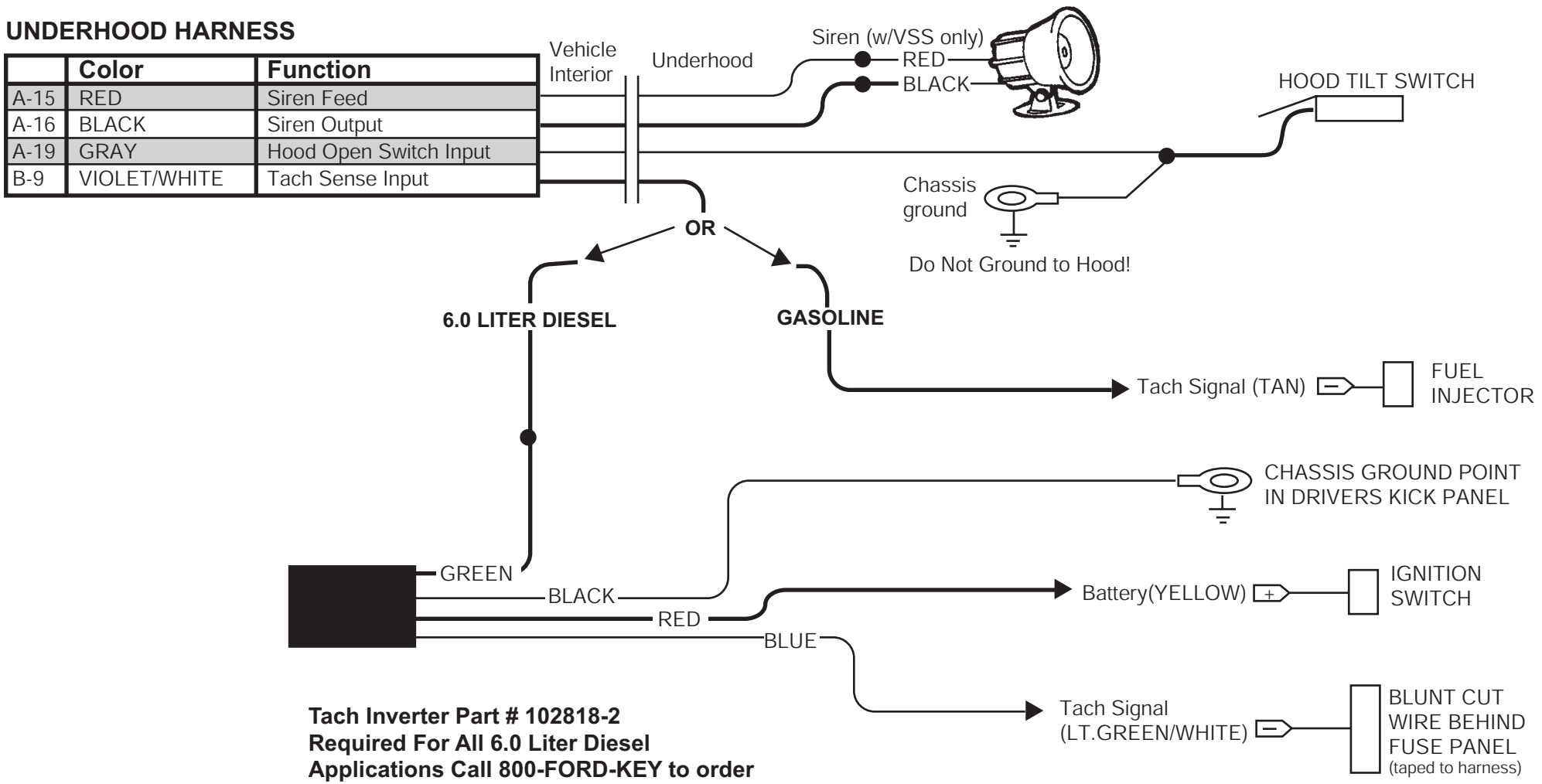
(NOTE: ALSO INCLUDES RKE/RMST)

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel
Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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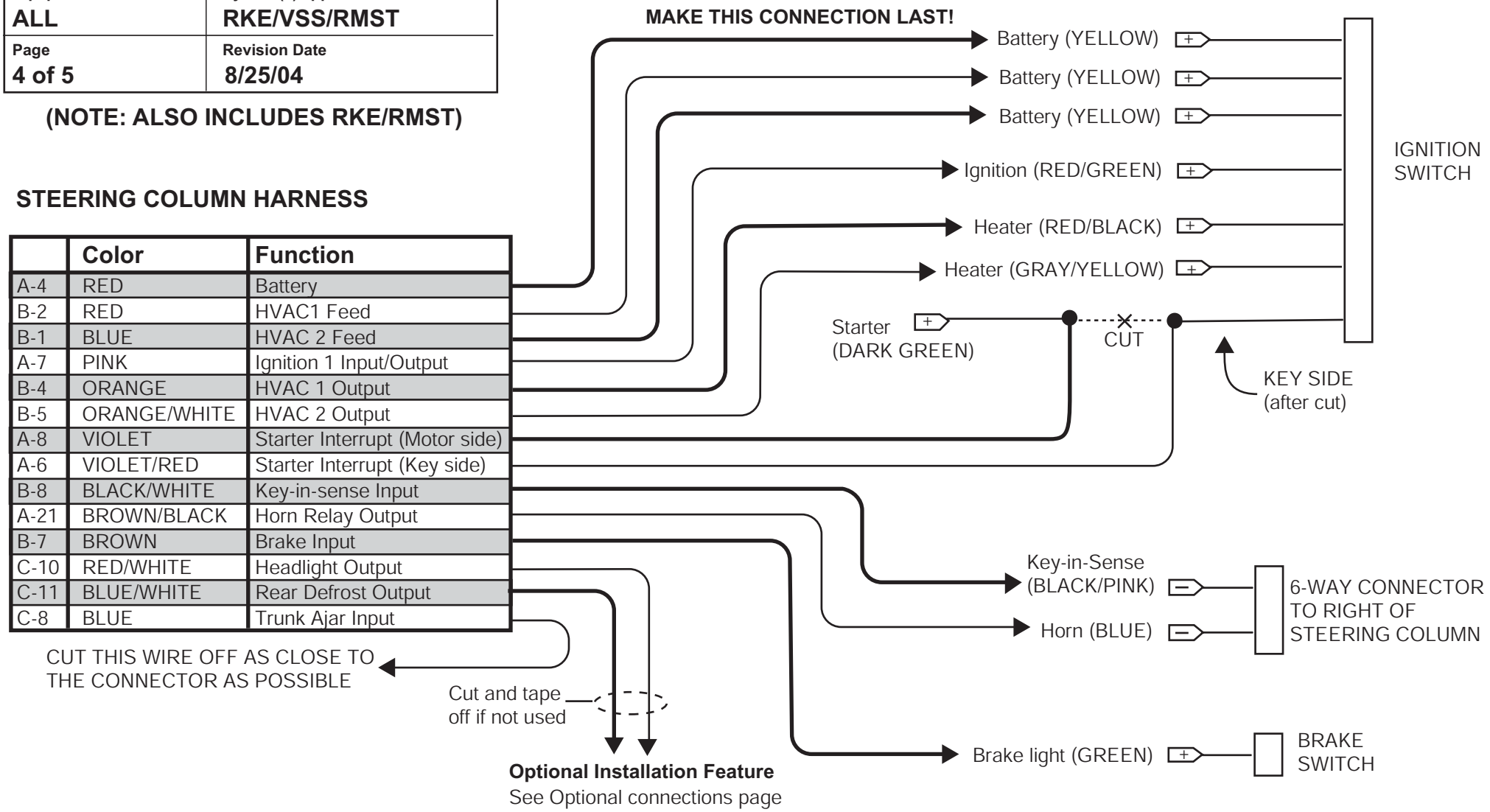
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defrost Output
C-8	BLUE	Trunk Ajar Input



Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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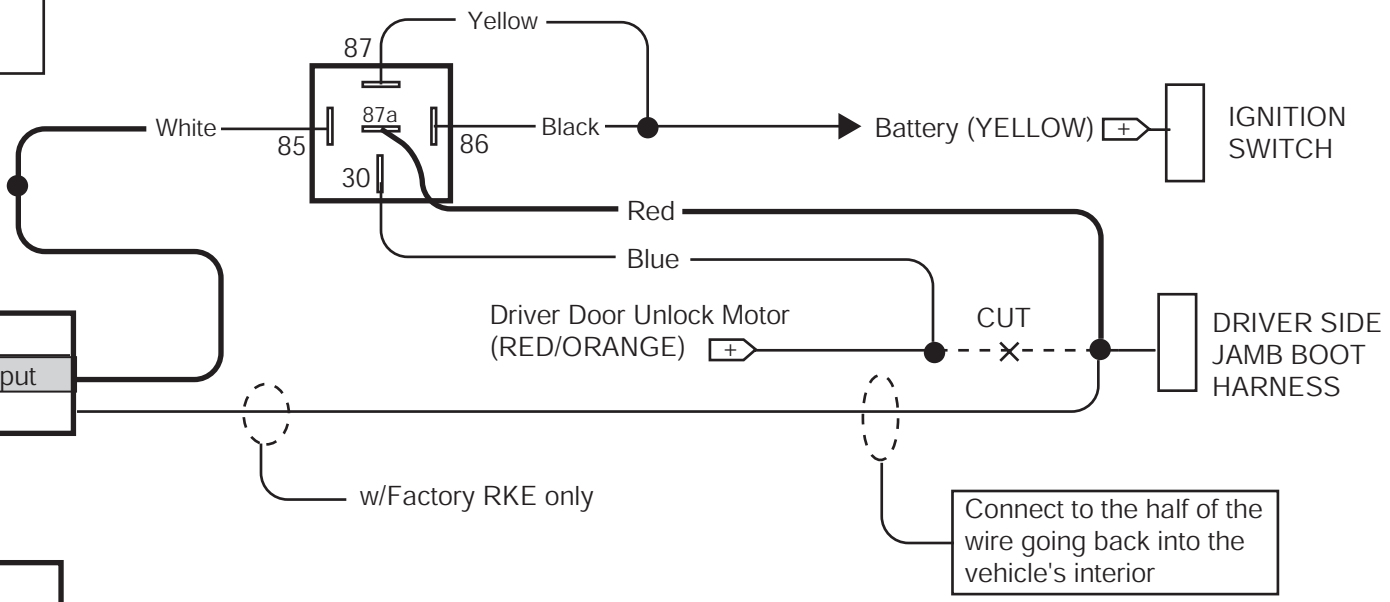
(NOTE: ALSO INCLUDES RKE/RMST)

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

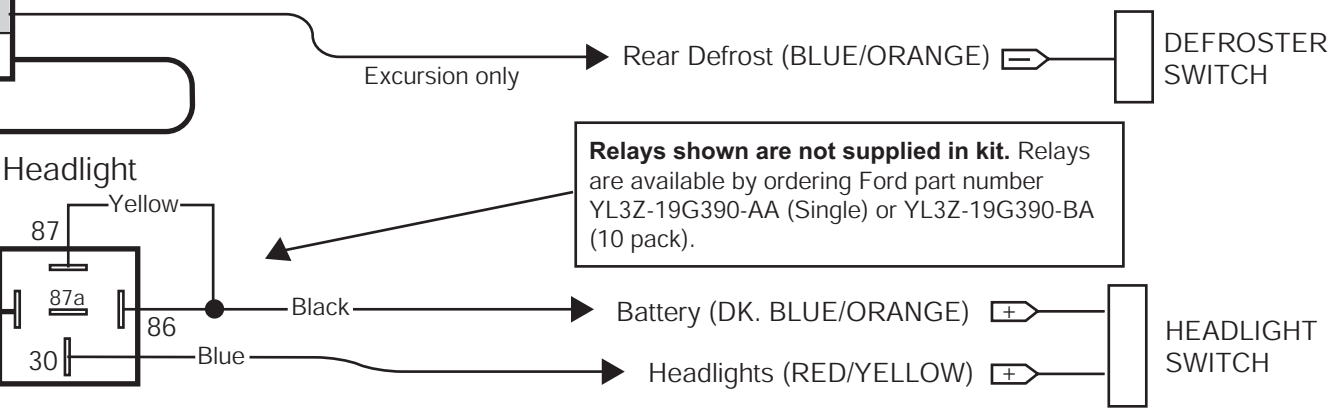


TRIM SWITCH DISABLE (if equipped)

	Color	Function
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-11	BLUE/WHITE	Rear Defroster Output
C-10	RED/WHITE	Headlight



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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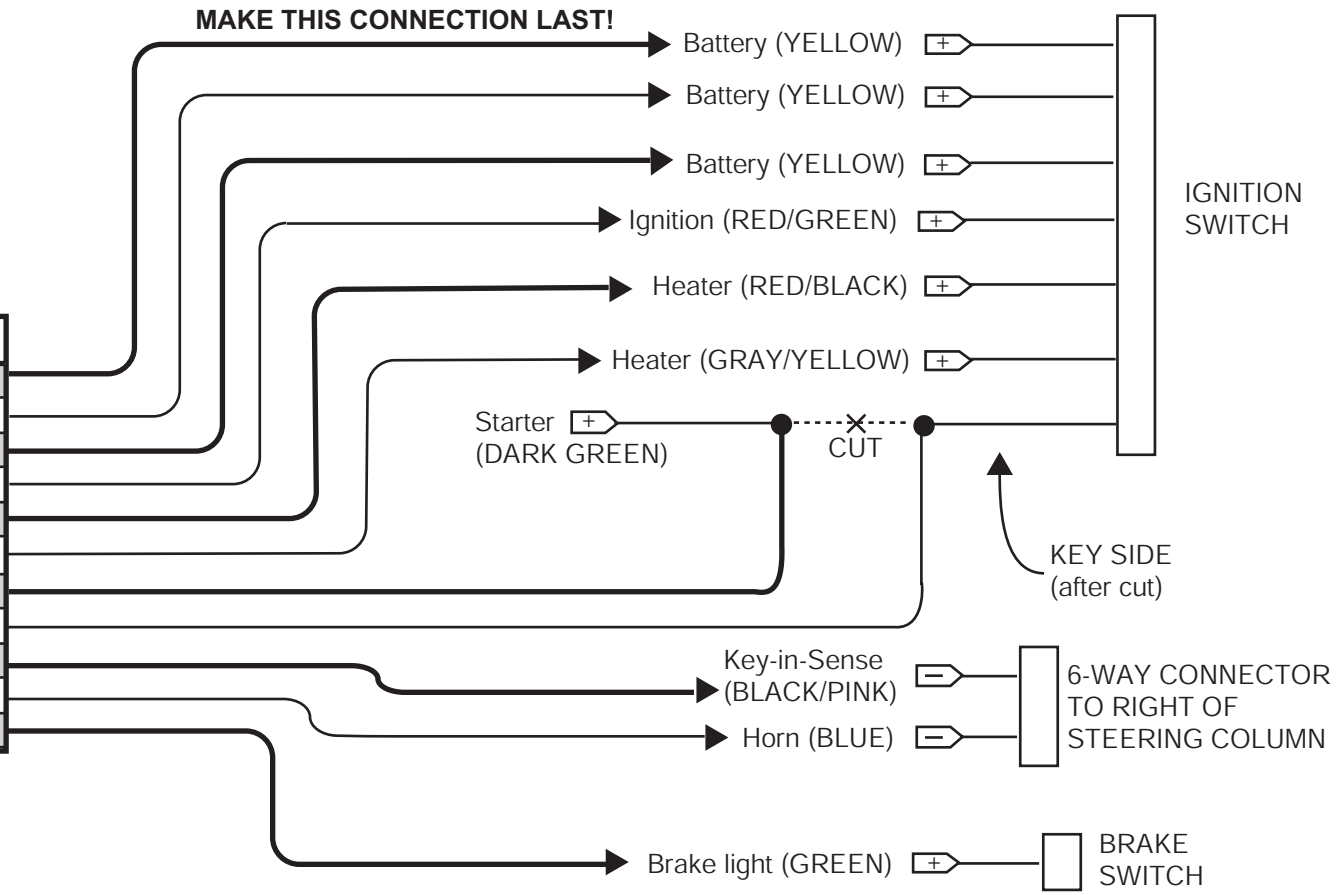
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input



DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-1	WHITE	Parking Light Output
A-5	BLACK	Ground

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level **All**	**System(s) applicable to:** **RMST**
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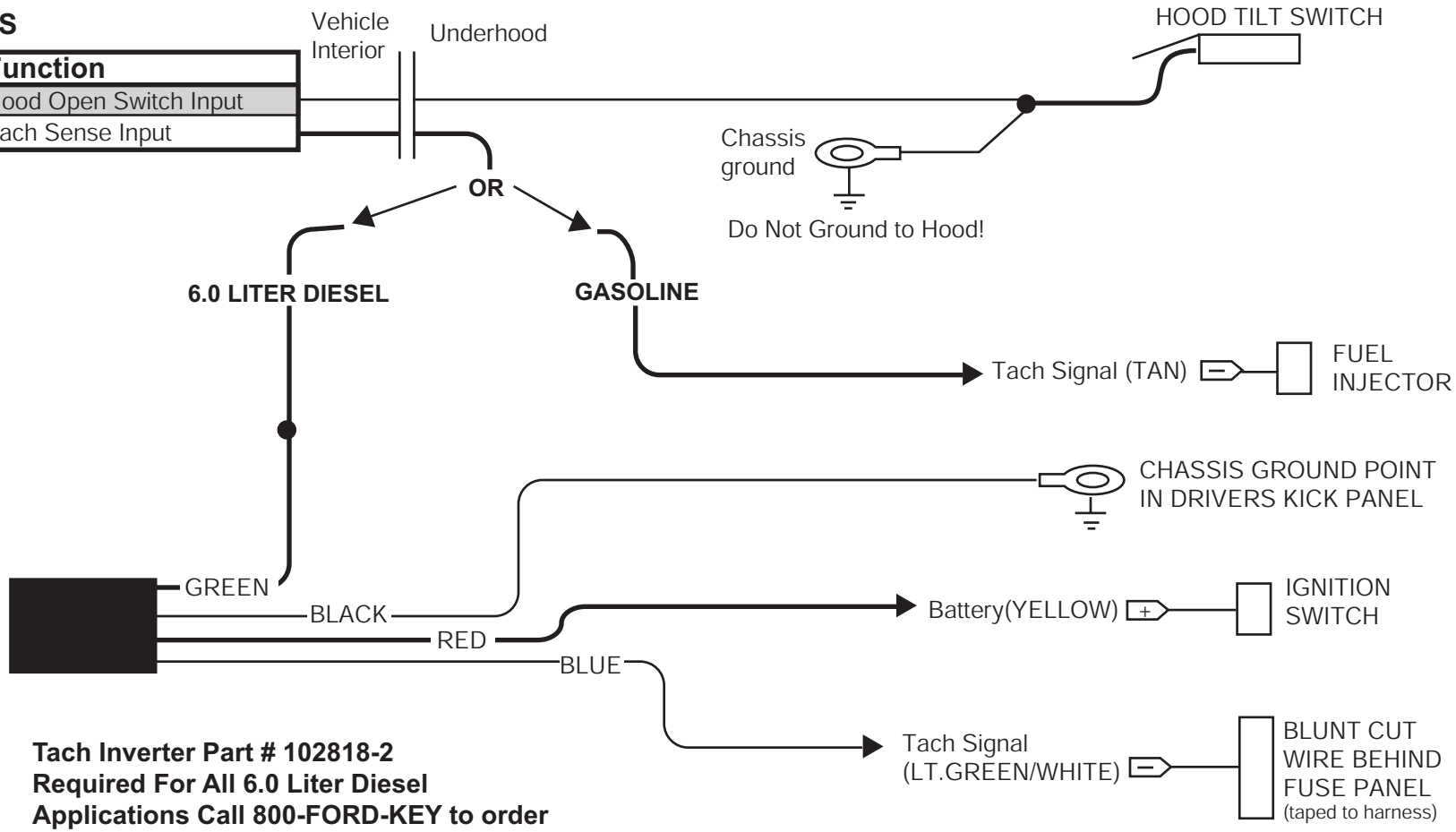
UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Tach Inverter Part # 102818-2
Required For All 6.0 Liter Diesel
Applications Call 800-FORD-KEY to order

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level **W/Factory RKE**	System(s) applicable to: **Deluxe RKE/VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-1	WHITE	Parking Light Output

Door Lock (WHITE/RED) (-)

Door Unlock (BLACK/WHITE) (-)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

DRIVER'S SIDE KICK PANEL HARNESS

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Parking Lights (BROWN) (+)

DRIVER SIDE KICK PANEL OR HEADLIGHT SWITCH

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

Dome Light (BLACK/BLUE) (+)

REAR OF DRIVER SIDE SILL PLATE HARNESS

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

BLACK

Siren

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**Deluxe RKE/VSS**
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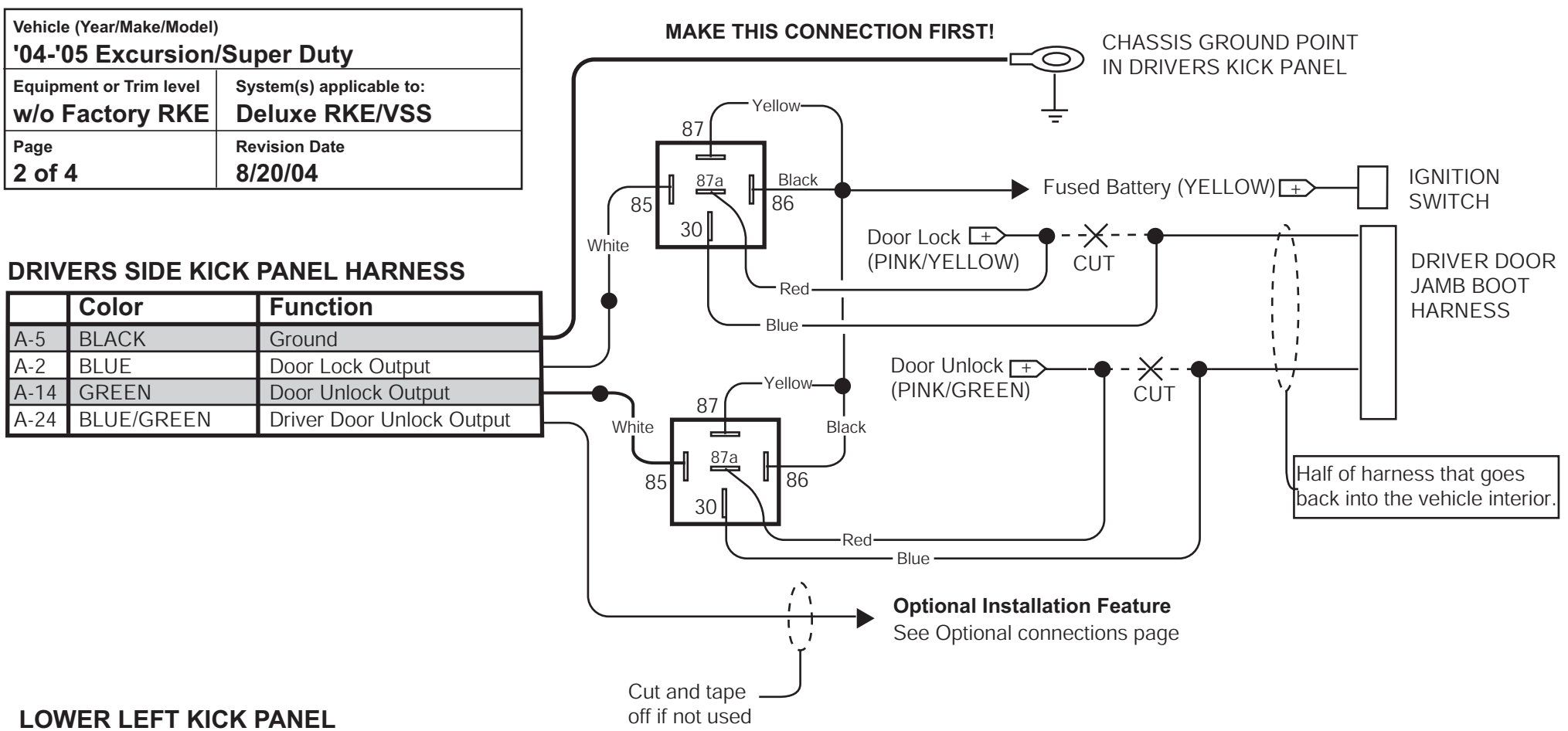


DRIVERS SIDE KICK PANEL HARNESS

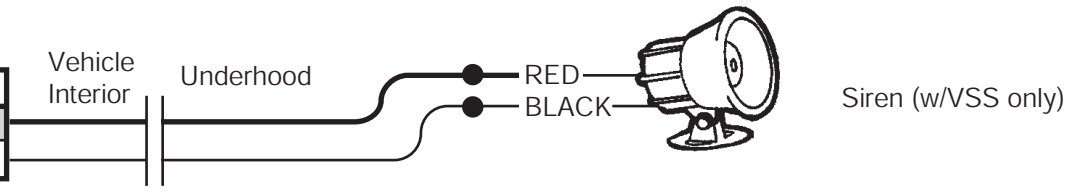
	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

LOWER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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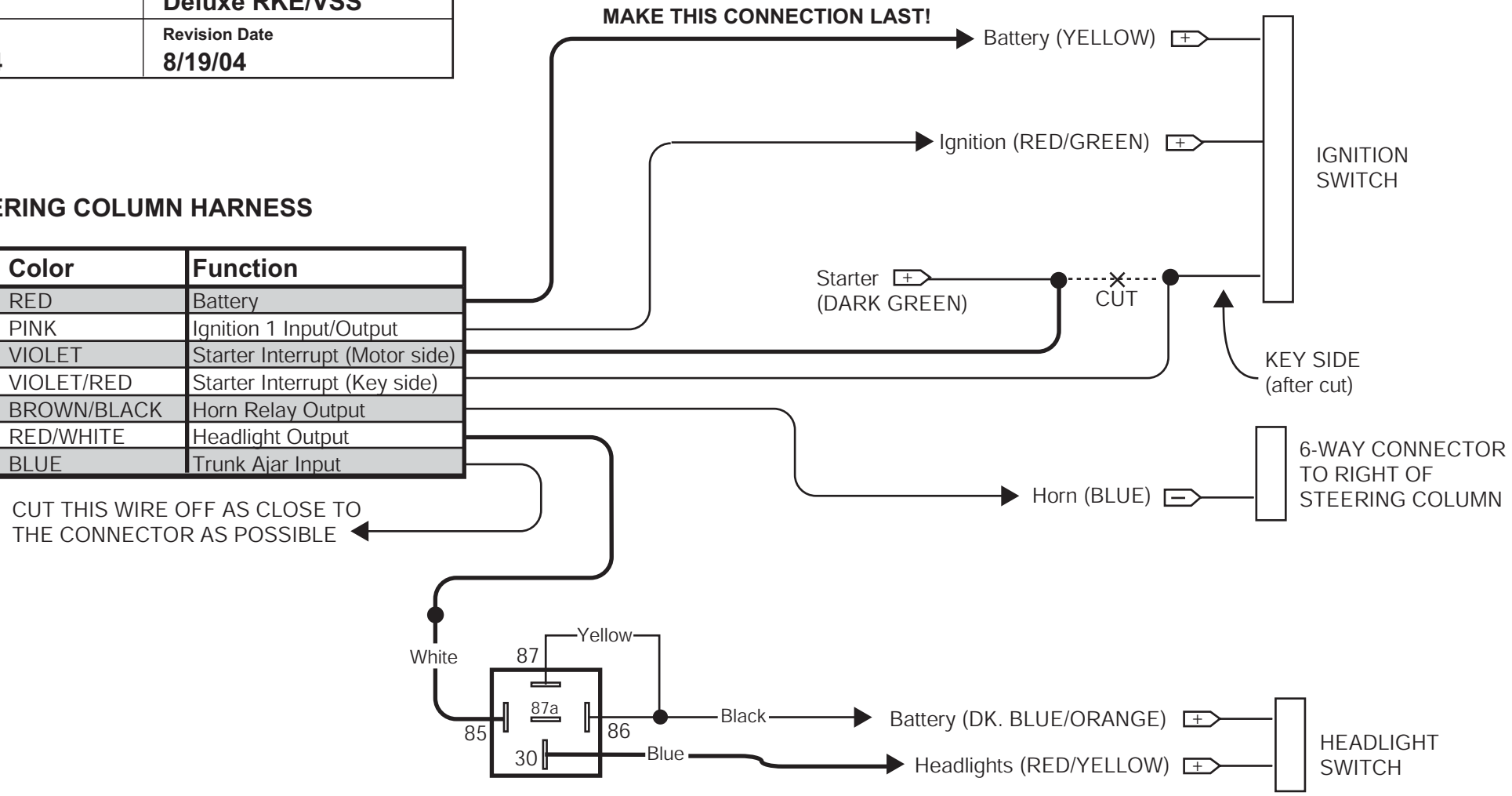
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
C-10	RED/WHITE	Headlight Output
C-8	BLUE	Trunk Ajar Input



Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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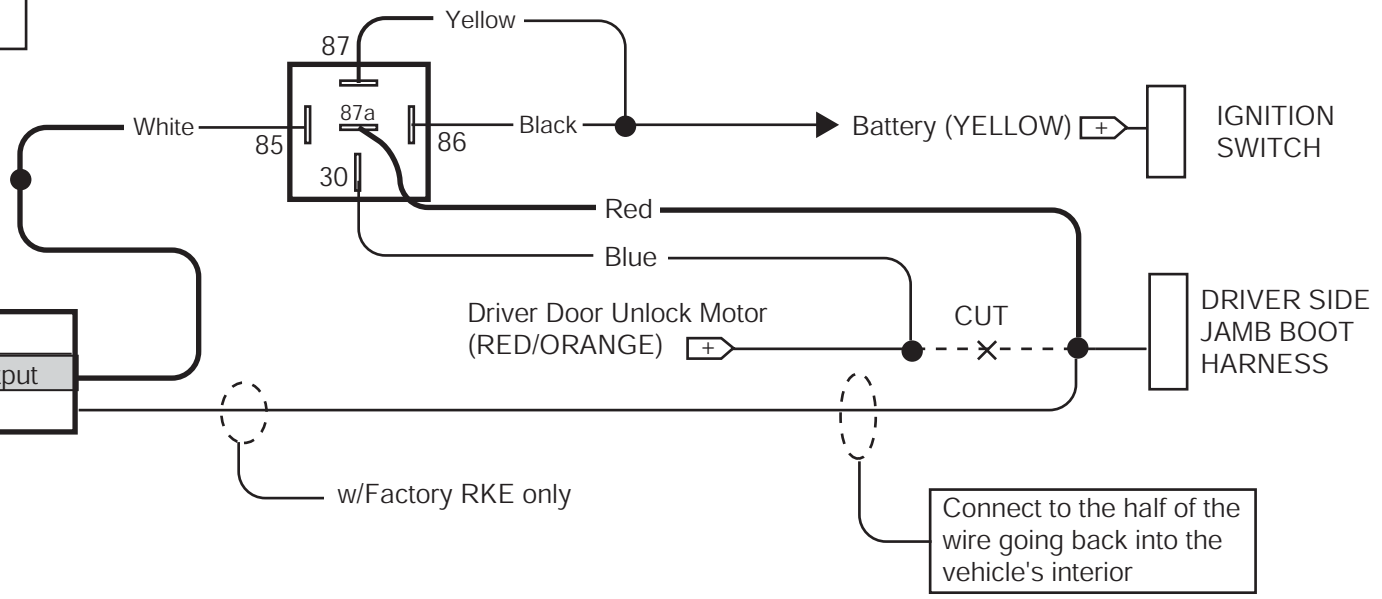
NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

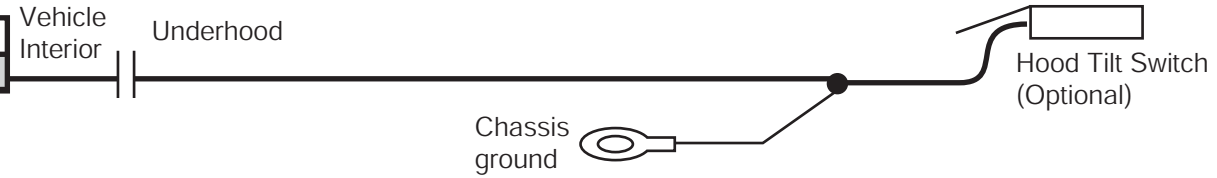


DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



TRIM SWITCH DISABLE

	Color	Function
C-4	LT.GREEN/BLACK	Perimeter Alarm Disarm

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-20	GREEN/VIOLET	Door Ajar Switch Input

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

DRIVER'S SIDE KICK PANEL HARNESS

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Dome Light (BLACK/BLUE) (+)

REAR OF DRIVER SIDE SILL PLATE HARNESS

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Battery (YELLOW) (+)

Ignition (RED/GREEN) (+)

IGNITION SWITCH

Starter (DARK GREEN) (+)

CUT

KEY SIDE (after cut)

Horn (BLUE) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-1	WHITE	Parking Light Output

Park Lights (BROWN) (+)

DRIVER SIDE KICK PANEL OR HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS & RKE**
Page	**Revision Date**
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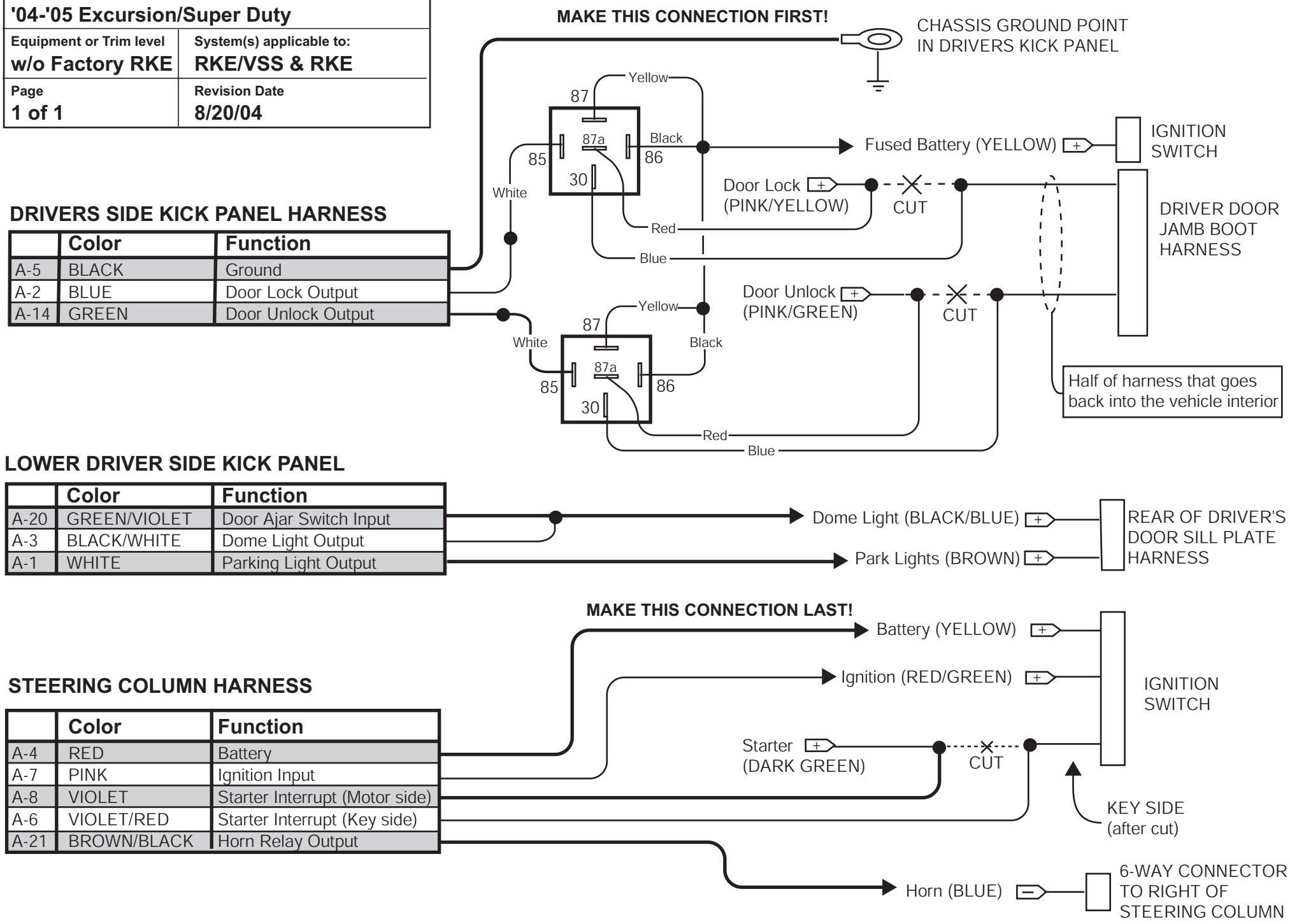

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS & RKE/VSS**
Page	**Revision Date**
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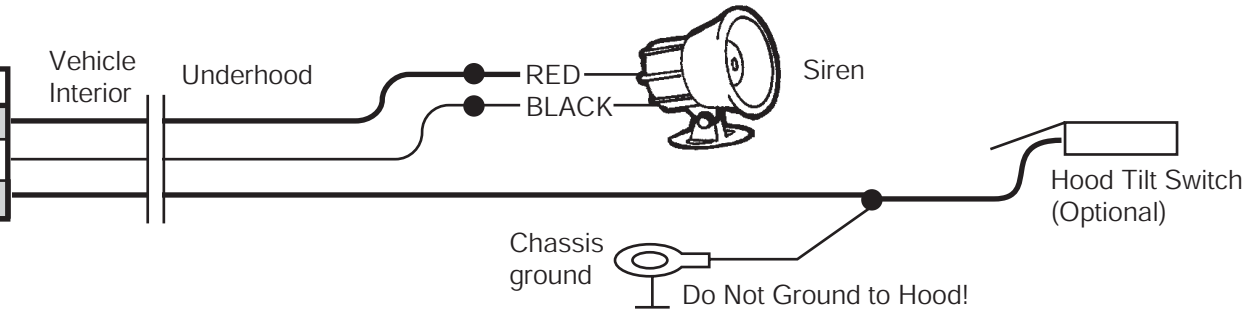
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**Preload**
Page	**Revision Date**
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DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Lock Output
A-14	GREEN	Unlock Output
A-12	LT. GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT.GREEN/BLACK	Perimeter Disarm Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Door Lock (WHITE/RED) (−)

Door Unlock (BLACK/WHITE) (−)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

DRIVER'S SIDE KICK PANEL HARNESS

Driver Door Unlock Motor (RED/ORANGE) (+)

Driver Door Ajar (YELLOW/BLACK) (−)

DRIVER SIDE JAMB BOOT HARNESS

LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/BLUE) (+)

Park Lights (BROWN) (+)

REAR OF DRIVER'S DOOR SILL PLATE HARNESS

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (RED/GREEN) (+)

IGNITION SWITCH

Starter (DARK GREEN) (+)

CUT

KEY SIDE (after cut)

Horn (BLUE) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**Preload**
Page	**Revision Date**
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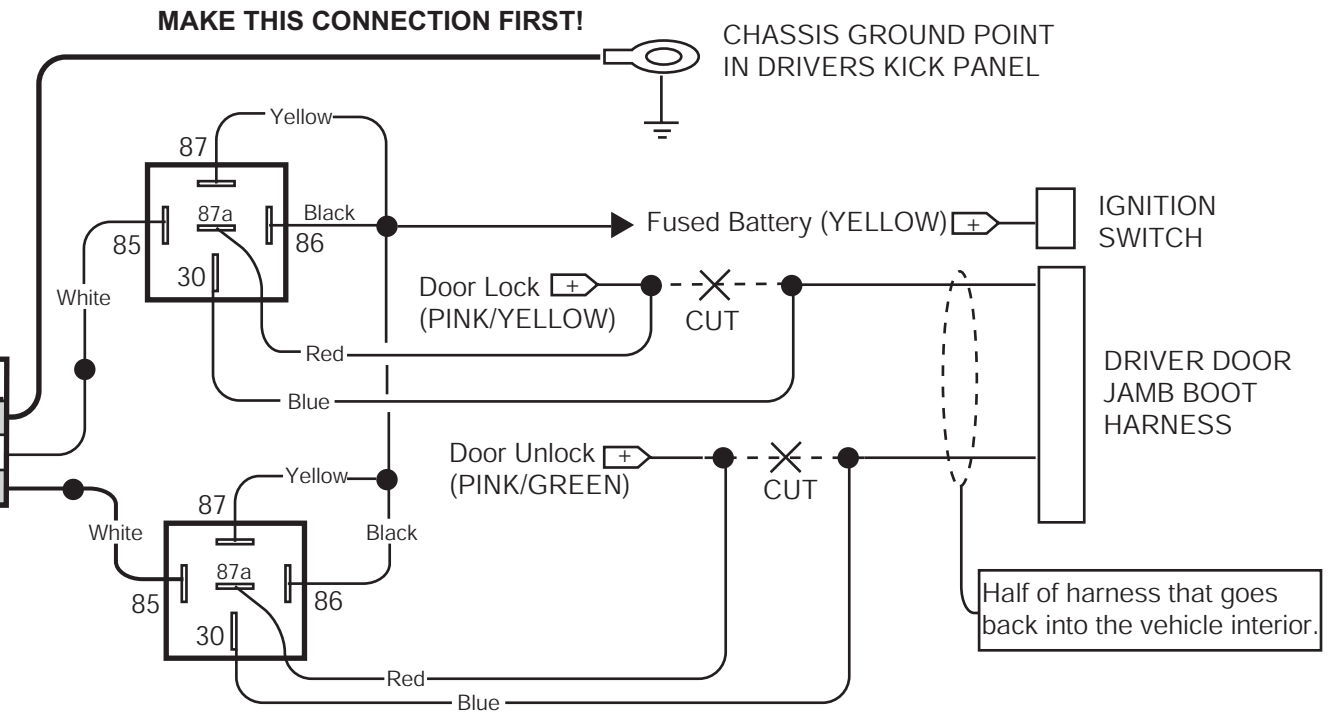
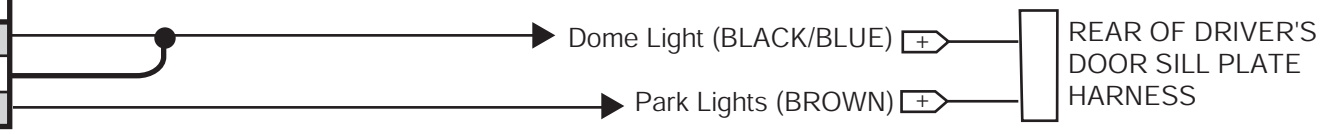


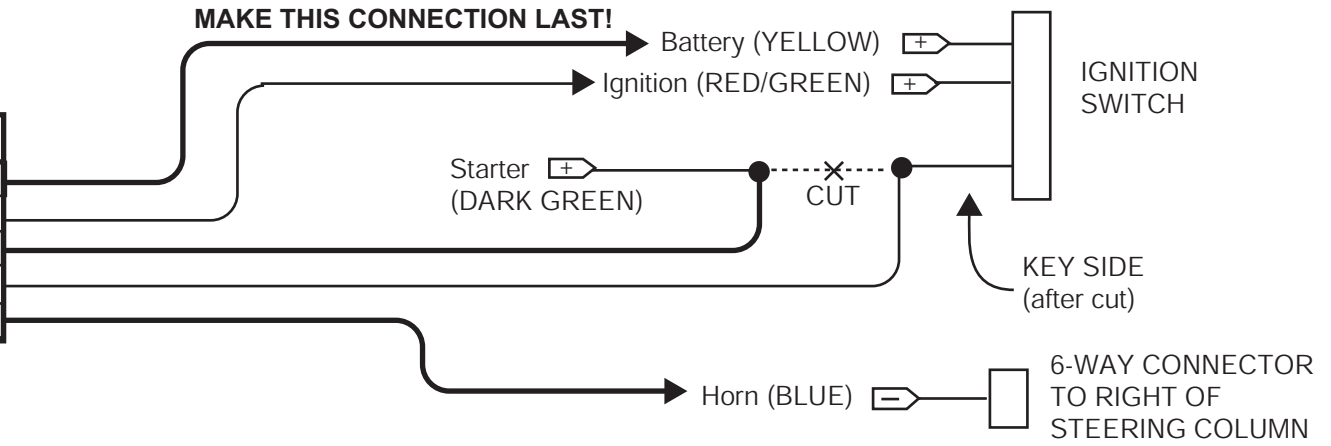
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock OutpuT



LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'04-'05 Excursion/Super Duty	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**Preload**
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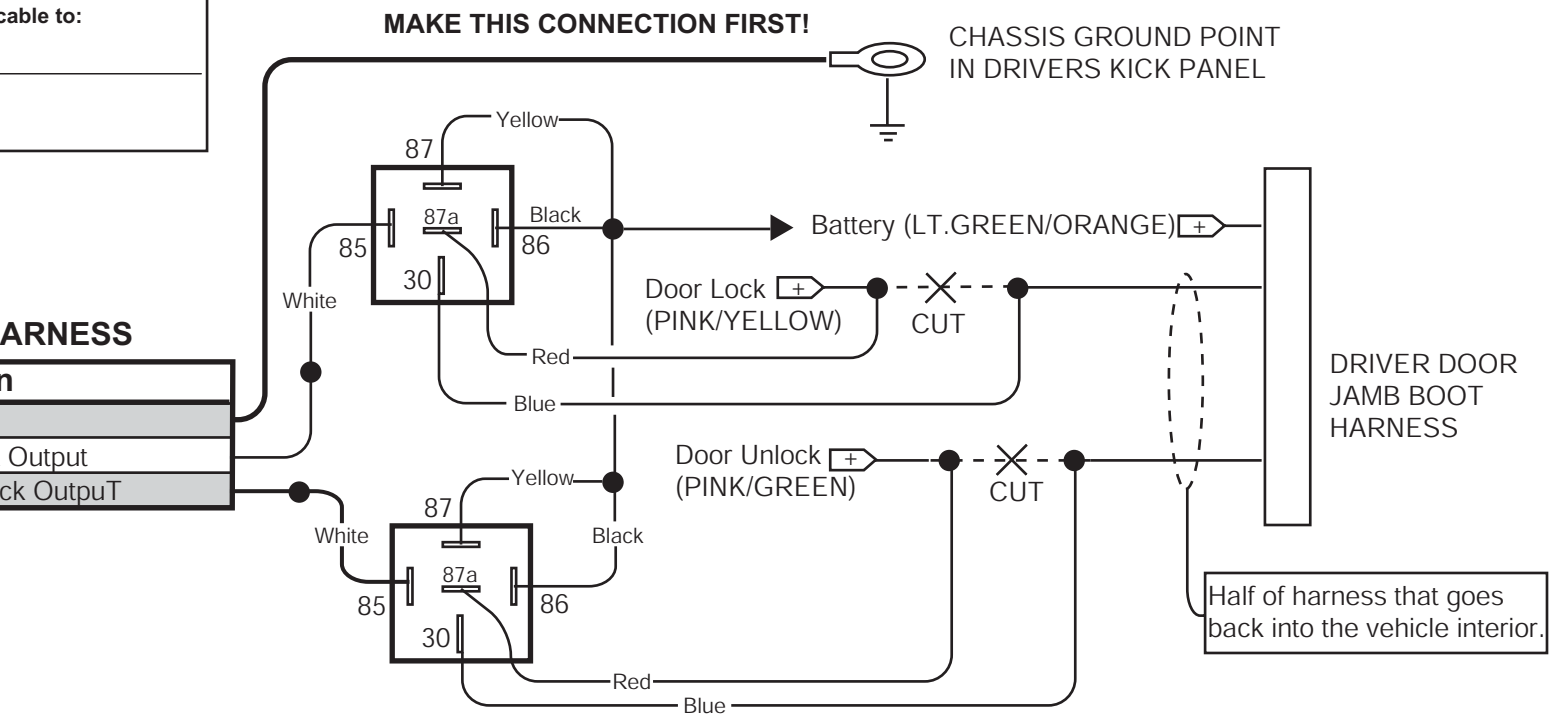
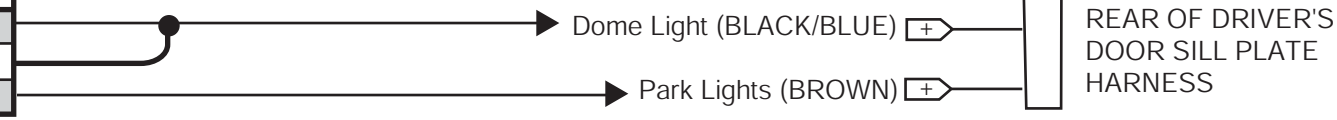


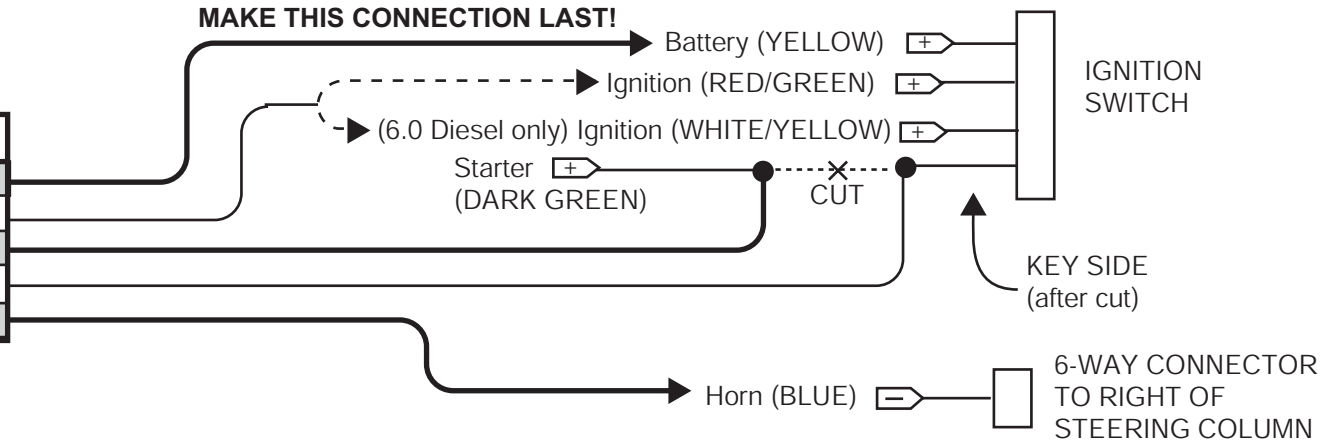
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock OutpuT



LOWER DRIVER SIDE KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-1	WHITE	Parking Light Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
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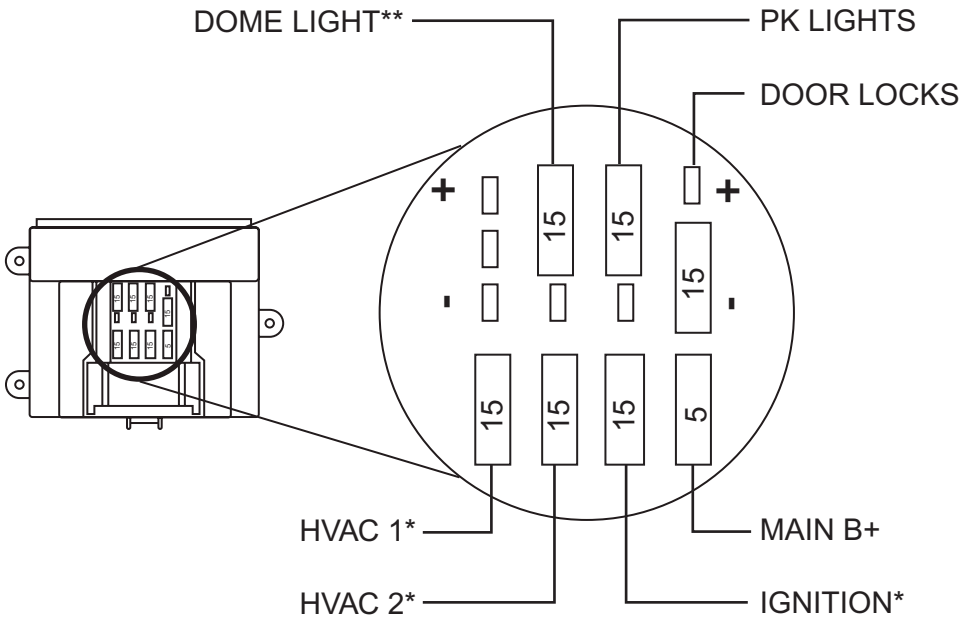
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L3Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
2 - MEMORY SEATS (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)
Aux 2 (Rear Defrost)	0.5 sec. (Default setting)

MODULE MOUNTING LOCATION:

Driver side kick panel high, near bulkhead panel.

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 4**	Revision Date **1/5/04**

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
C-4	LT.GREEN/BALCK	Perimeter Alarm Disarm

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Door Lock (PINK/YELLOW) (-)

Door Unlock (PINK/GREEN) (-)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

KEYLESS ENTRY MODULE LEFT OF BRAKE PEDAL

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page
Cut and tape off if not used

Dome Light (BLACK/BLUE) (+)

HRNESS ABOVE DRIVERS KICK PANEL

Driver Door Latch Switch (BLACK/YELLOW) (-)

DRIVER KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior

Underhood

Siren (w/VSS only)

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (-)

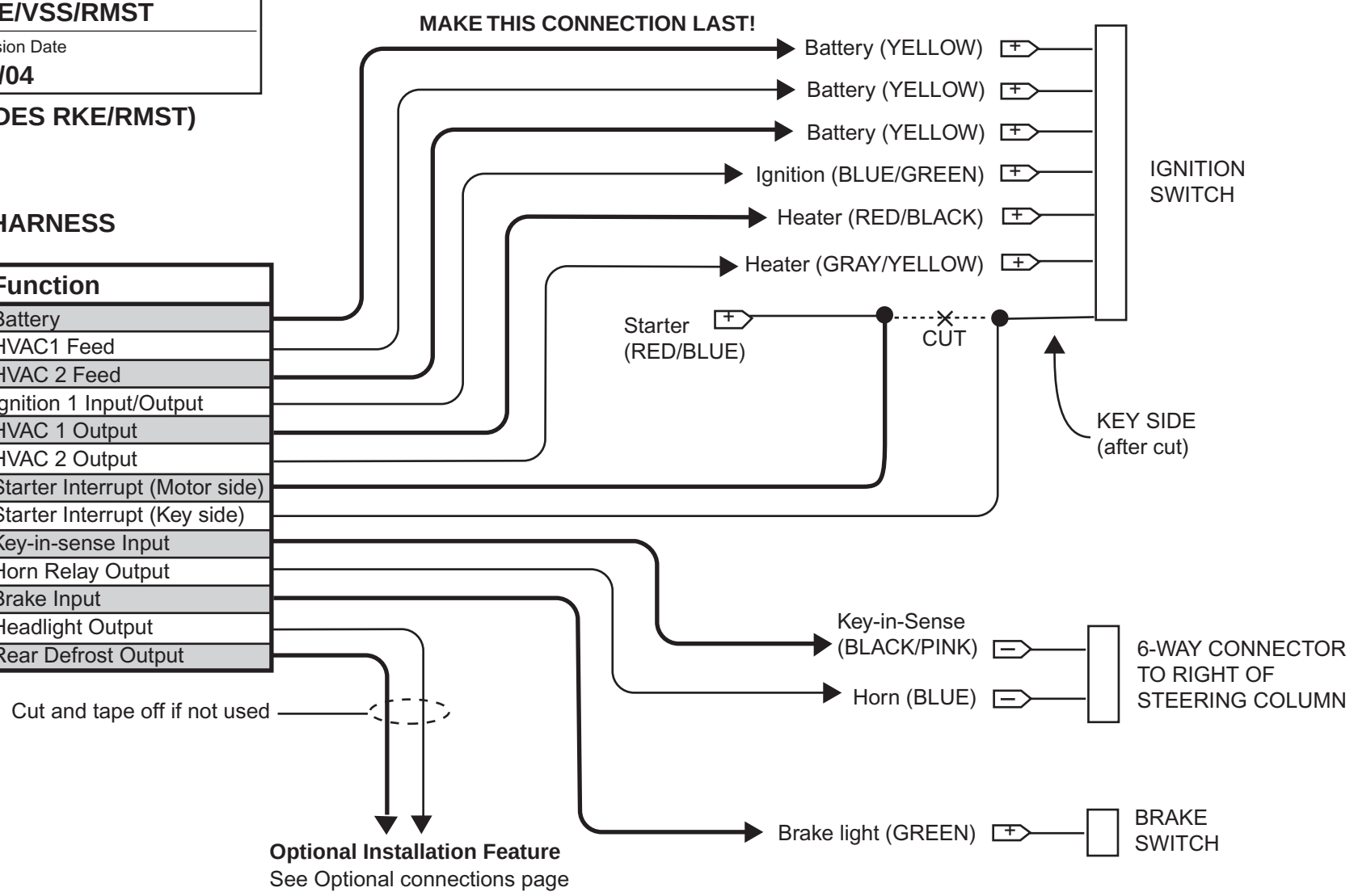
FUEL INJECTOR

Vehicle (Year/Make/Model)	
'02/'03 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **2 of 4**	Revision Date **1/5/04**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defrost Output



HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Parking Light Output

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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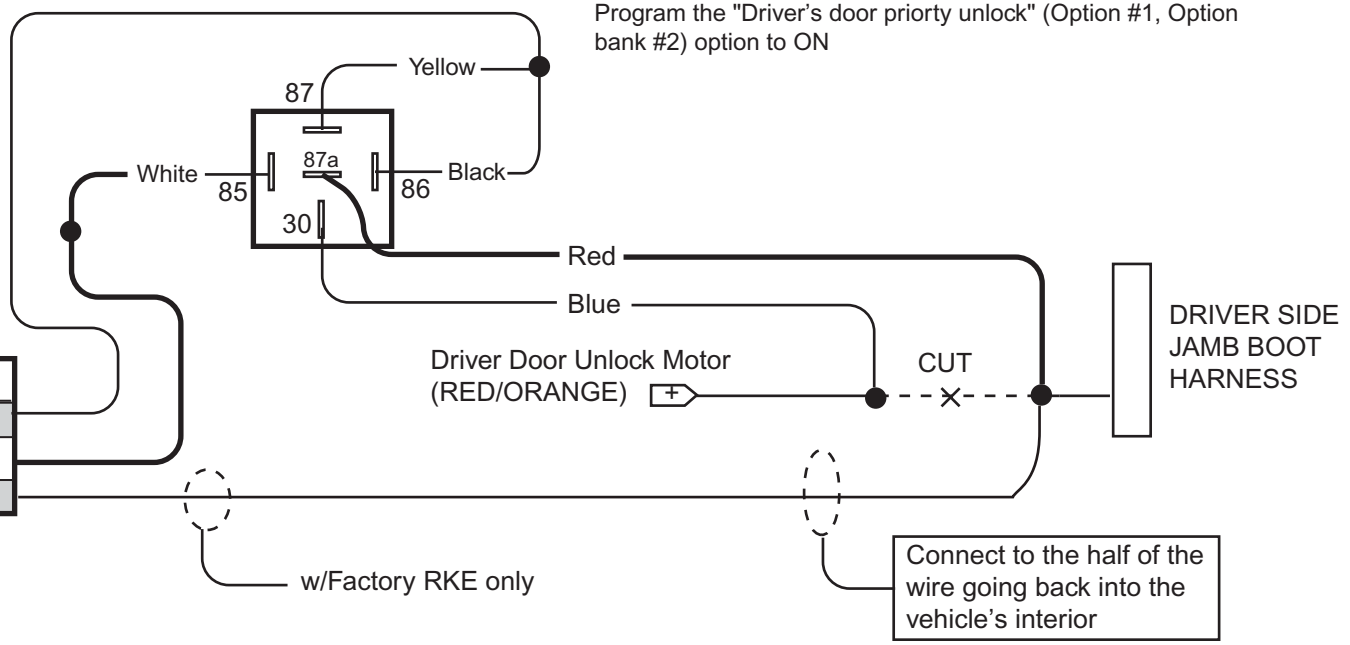
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

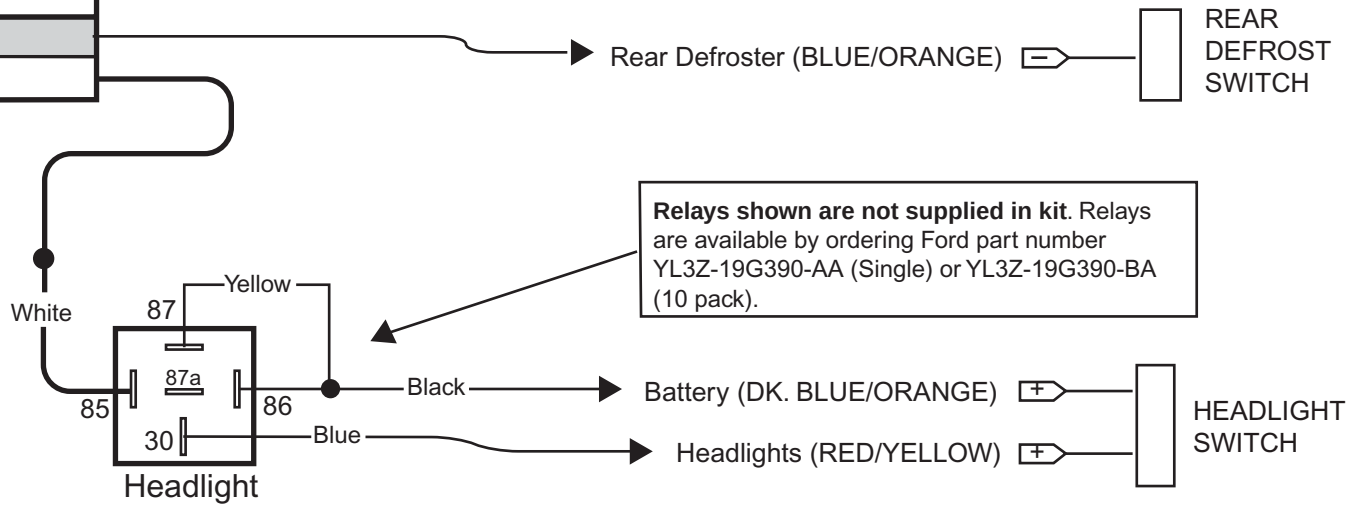
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-11	BLUE/WHITE	Rear Defrost Output
C-10	RED/WHITE	Headlight Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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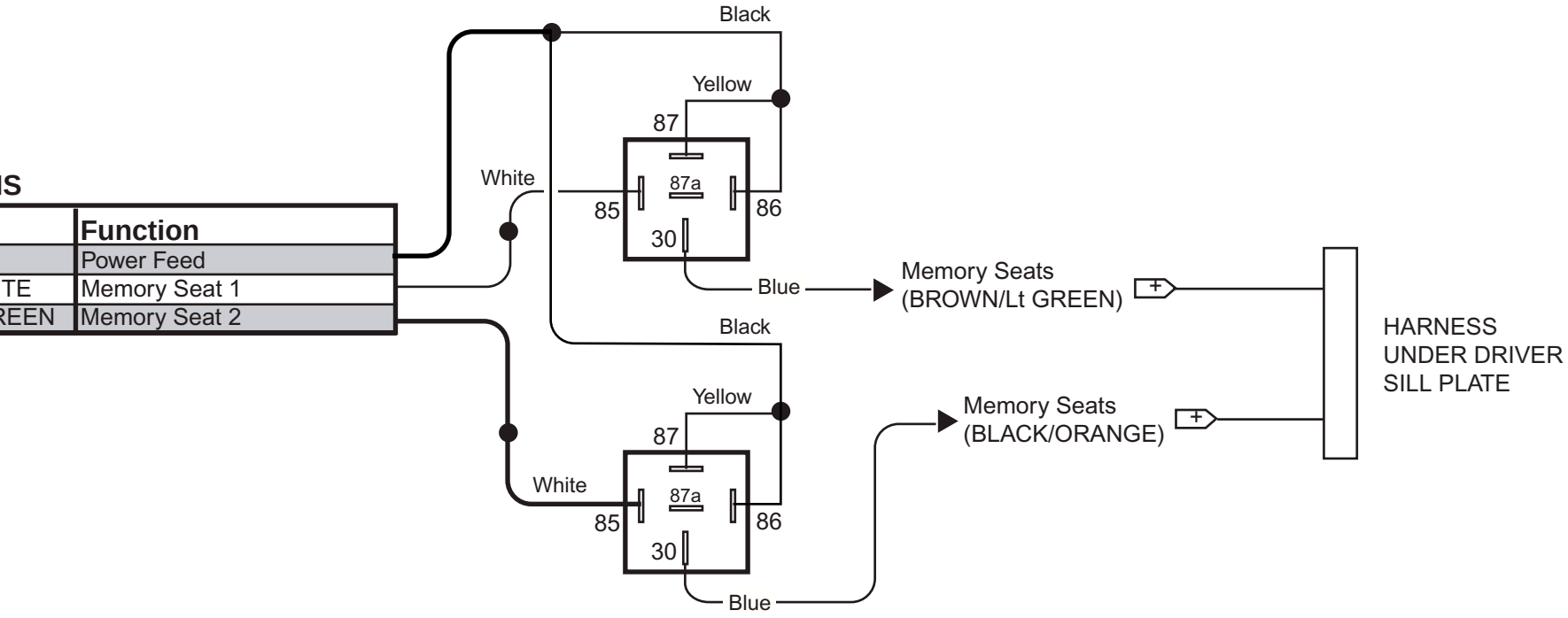
(NOTE: ALSO INCLUDES RKE/RMST)

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

OPTIONAL CONNECTIONS

POWER OPTIONS

	Color	Function
A-15	RED	Power Feed
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input

HEADLIGHT SWITCH

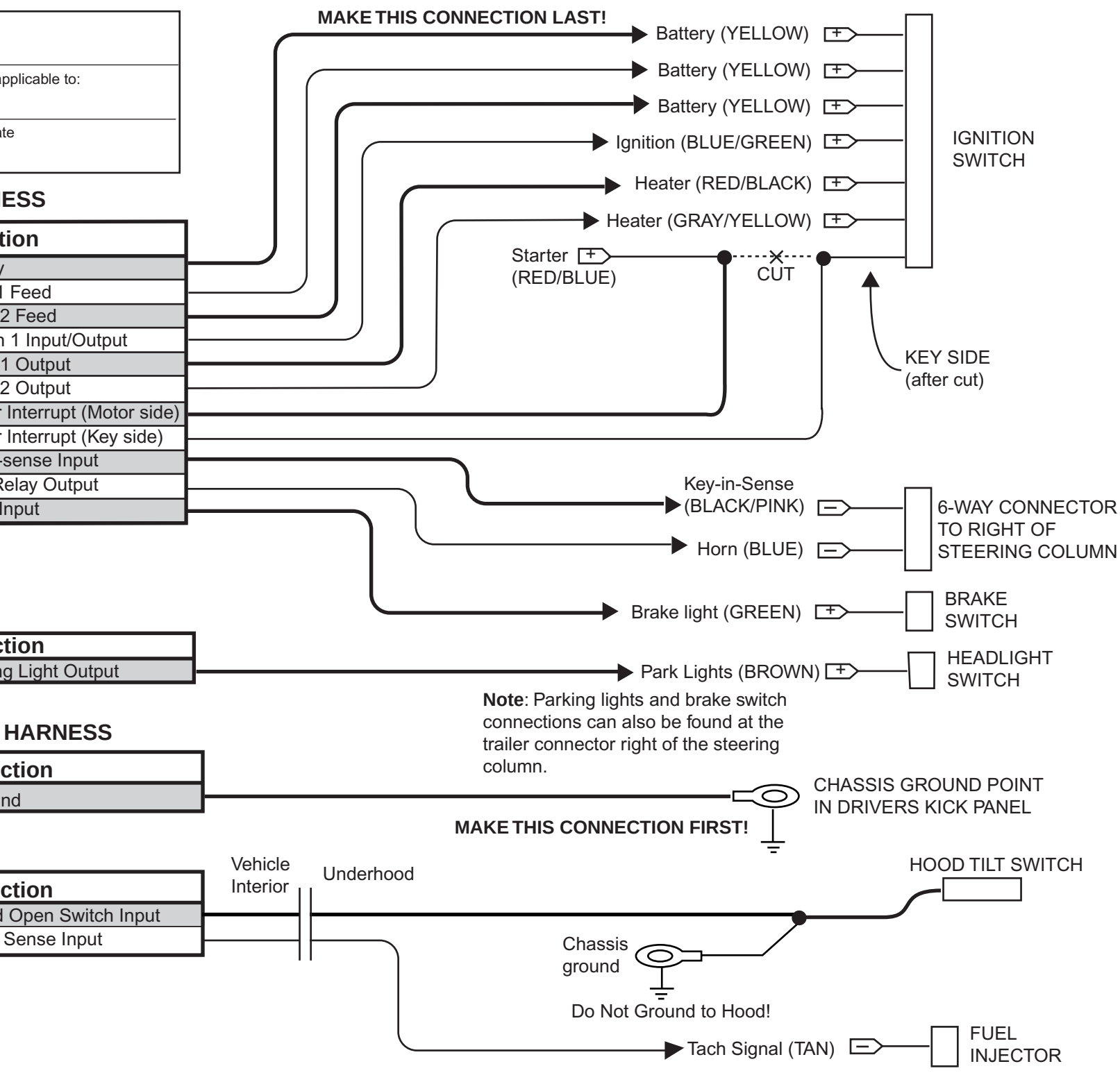
	Color	Function
A-1	WHITE	Parking Light Output

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**
C-4	LT.GREEN/BLACK	Perimeter Disarm Output

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Passenger Door Unlock (PINK/ORANGE) (+)

KEYLESS ENTRY MODULE LEFT OF BRAKE PEDAL

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Driver Door Latch Switch (BLACK/YELLOW) (−)

DRIVER KICK PANEL

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

Park Lights (BROWN) (+)

HEADLIGHT SWITCH

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

Dome Light (BLACK/BLUE) (+)

HARNESS ABOVE DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

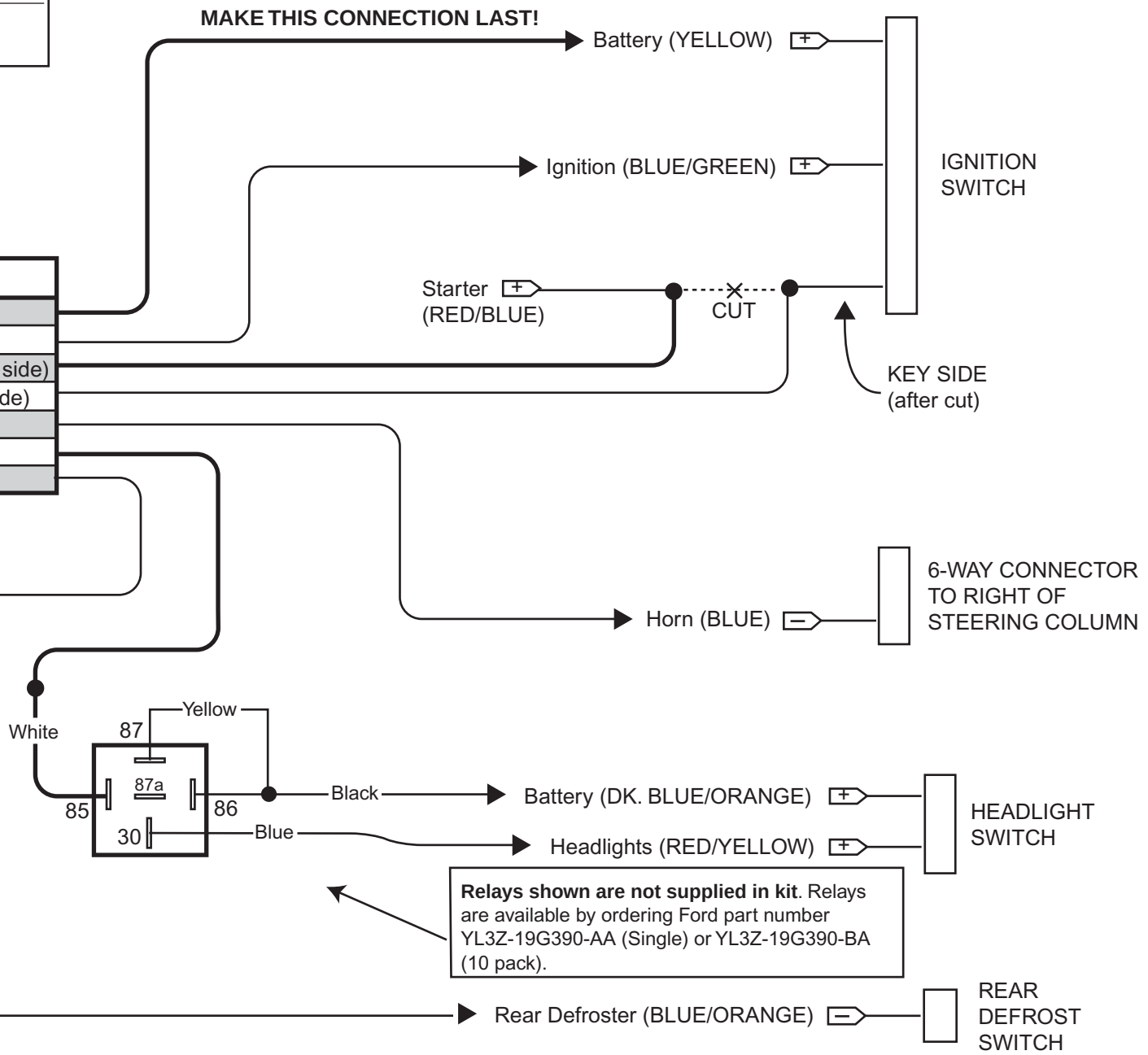
BLACK

Siren

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
Page **2 of 3**	Revision Date **1/5/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defrost Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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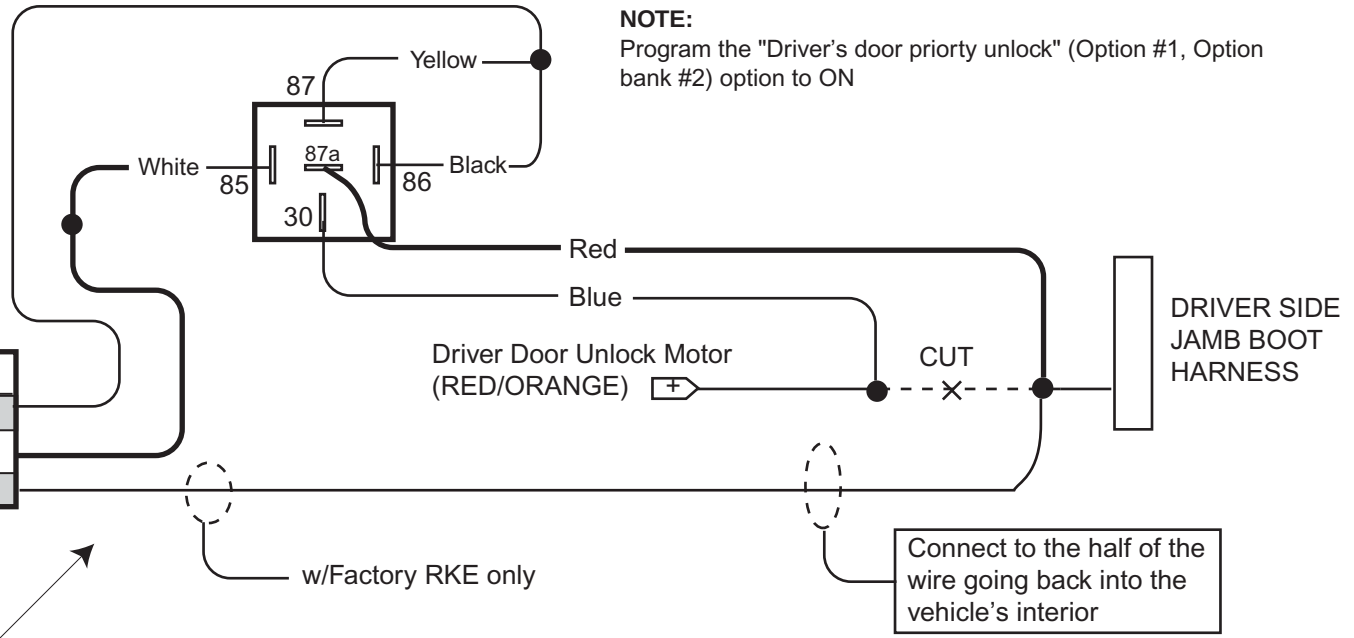
OPTIONAL CONNECTIONS



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

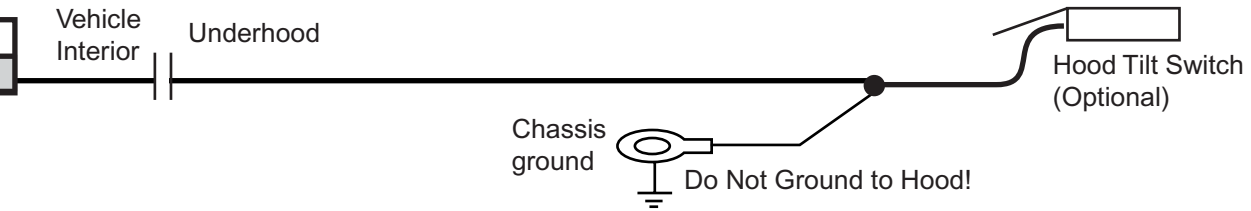
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

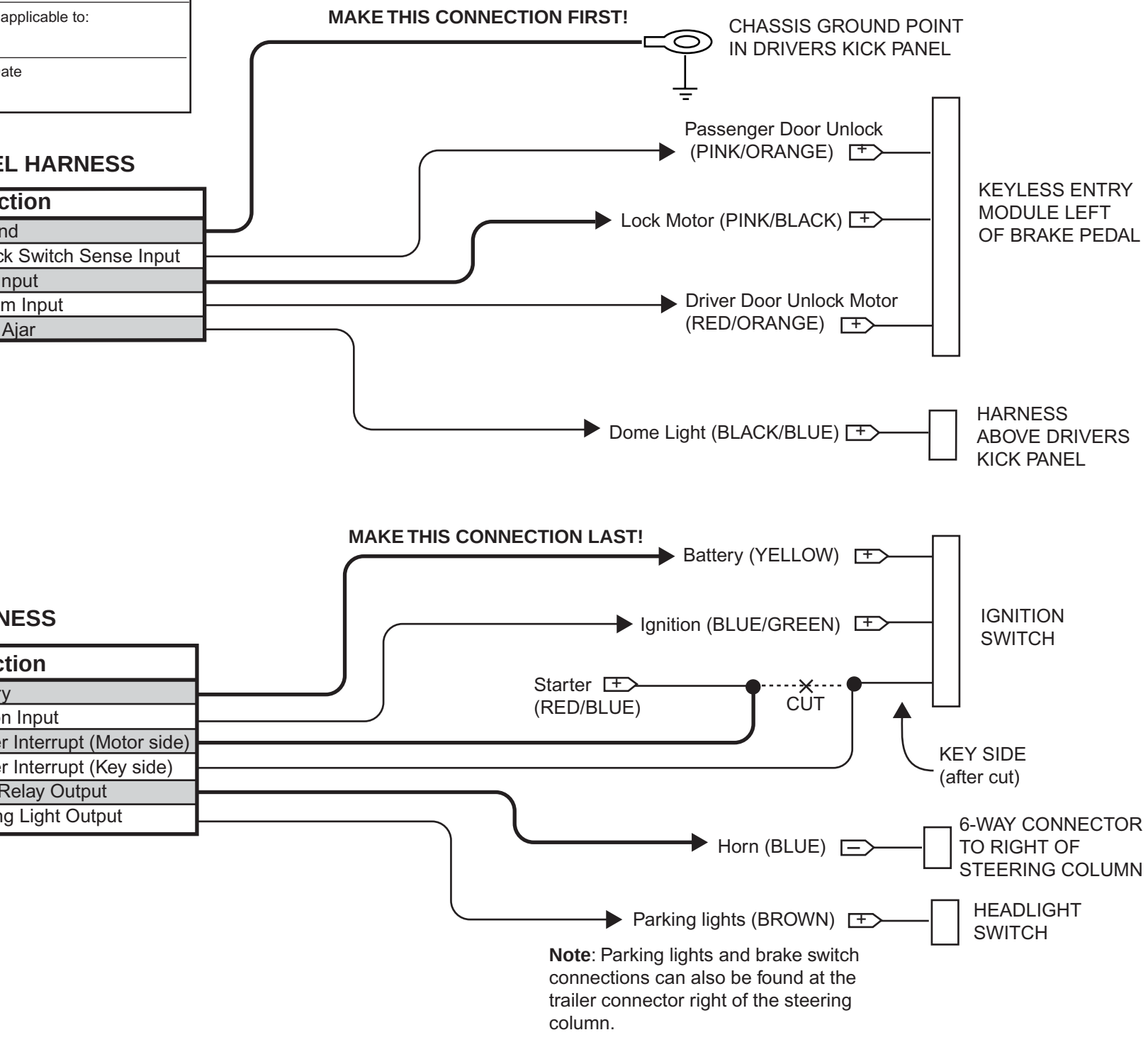
Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **VSS**
Page **1 of 2**	Revision Date **1/5/04**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-20	GREEN/VIOLET	Door Ajar

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



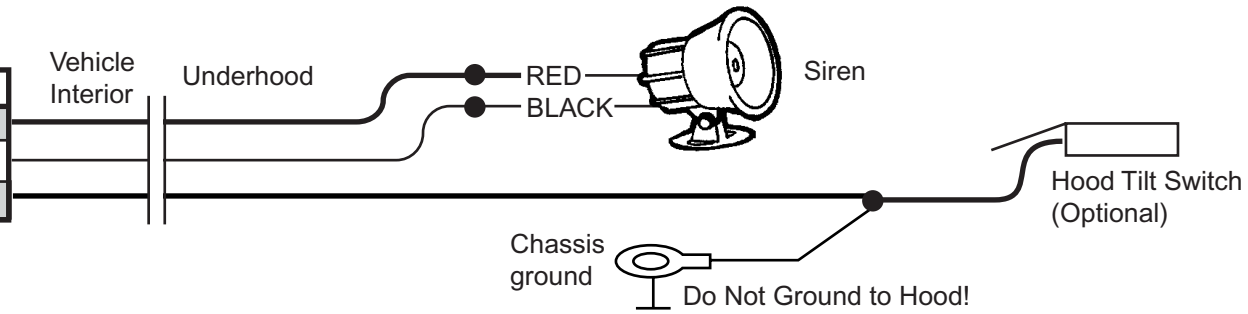
Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS**
Page **2 of 2**	Revision Date **5/30/03**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02 Expedition/Navigator	
Equipment or Trim level	System(s) applicable to:
ALL	**PRELOAD**
Page	Revision Date
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DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Door Lock (PINK/YELLOW) (-)

Door Unlock (PINK/GREEN) (-)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

KEYLESS ENTRY MODULE LEFT OF BRAKE PEDAL

Dome Light (BLACK/BLUE) (+)

HARNESS ABOVE DRIVERS KICK PANEL

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Driver Door Ajar Switch (BLACK/YELLOW) (-)

***NOTE: This connection is only needed when using Lot Management remotes.**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

Park Lights (BROWN) (+)

HEADLIGHT SWITCH

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (BLUE/GREEN) (+)

Starter (+) (RED/BLUE)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (-)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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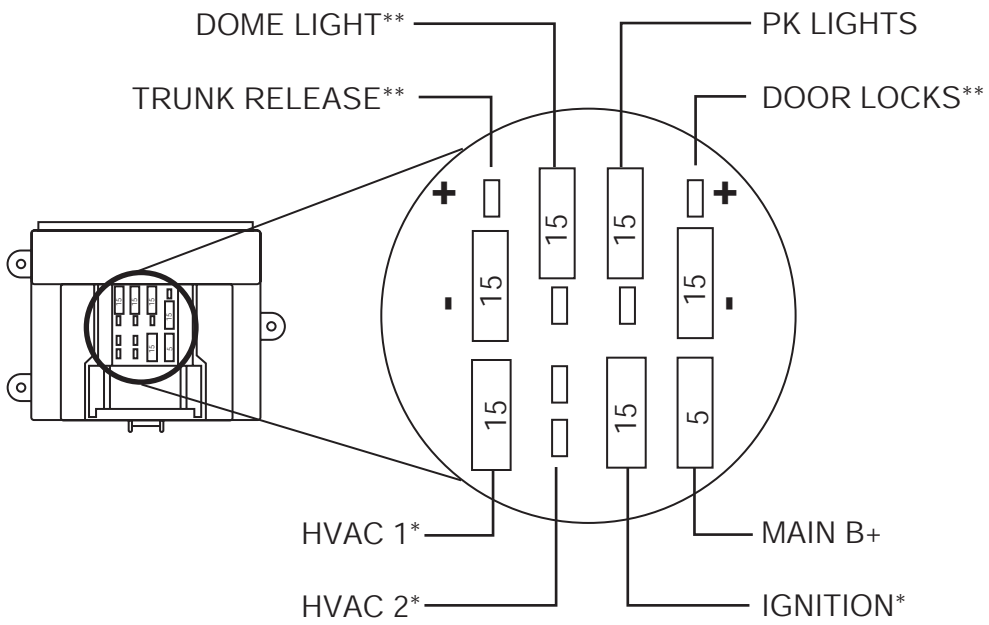
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2003-2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)
1 - MOTORIZED RUNNING BOARDS (IF EQUIPPED)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defroster	0.5 Sec pulse (default)

MODULE MOUNTING LOCATION:

Above hood release cable near bulkhead panel, in front of parking brake.

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-2	BLACK/GREEN	Motorized Rear Gate Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Unlock Switch Sense (PINK/ORANGE) (+)

HARNESS UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Optional Installation Features
See Optional connections page

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

PASSENGER SIDE KICK PANEL HARNESS

	Color	Function
A-13	TAN	Hatch Release Output

Rear Hatch Release(WHITE/VIOLET) (−)

KEYLESS ENTRY MODULE

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Siren (w/VSS only)

Vehicle Interior

Underhood

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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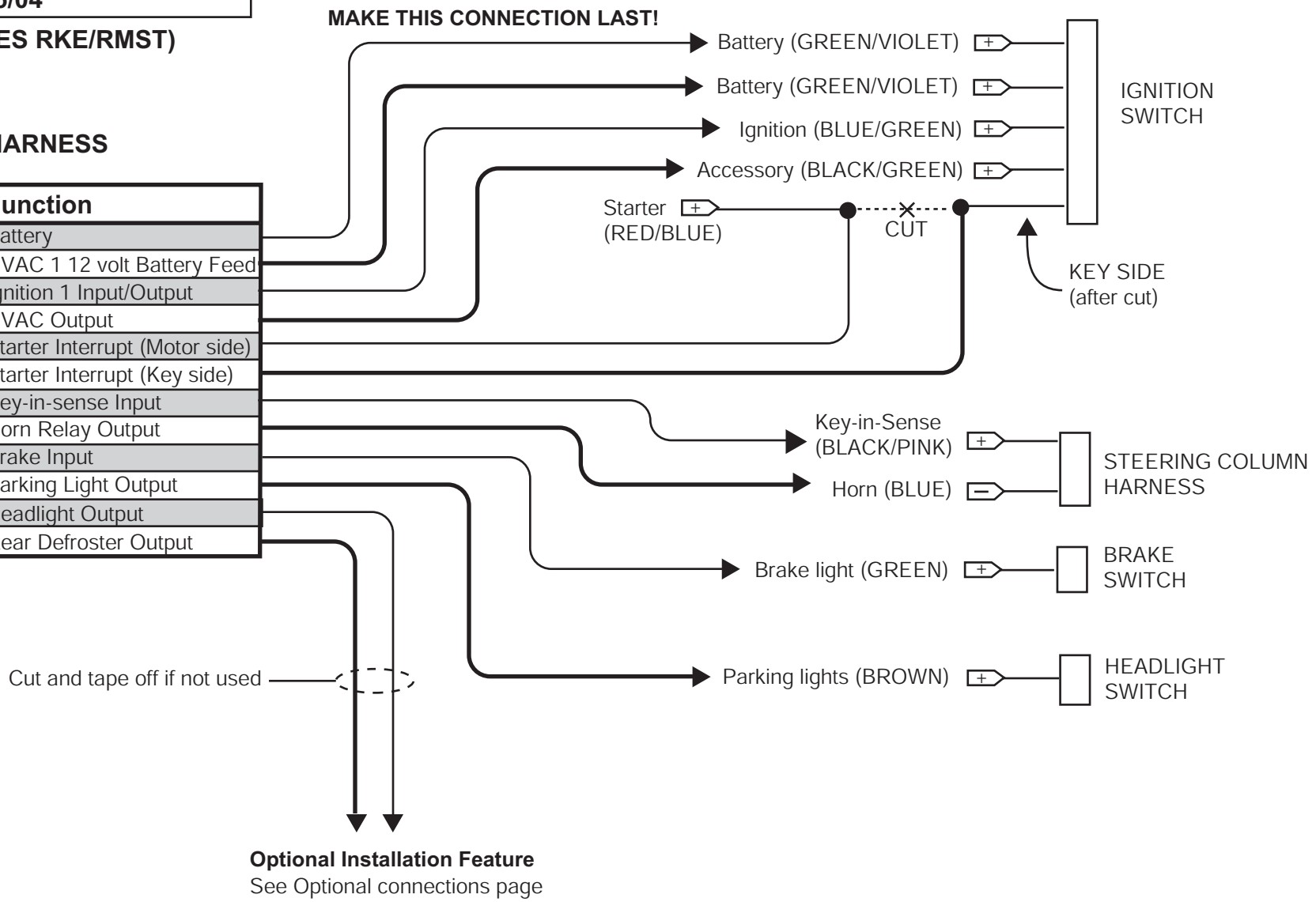
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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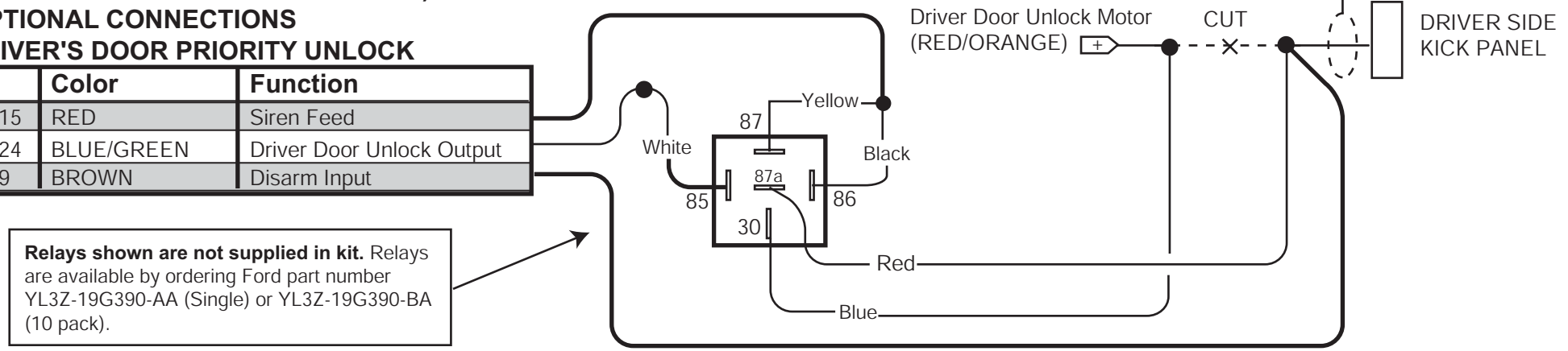
NOTE:
Program the "Driver's door priority unlock" (Option #1, Option bank #2) option to ON

(NOTE: ALSO INCLUDES RKE/RMST)
OPTIONAL CONNECTIONS
DRIVER'S DOOR PRIORITY UNLOCK

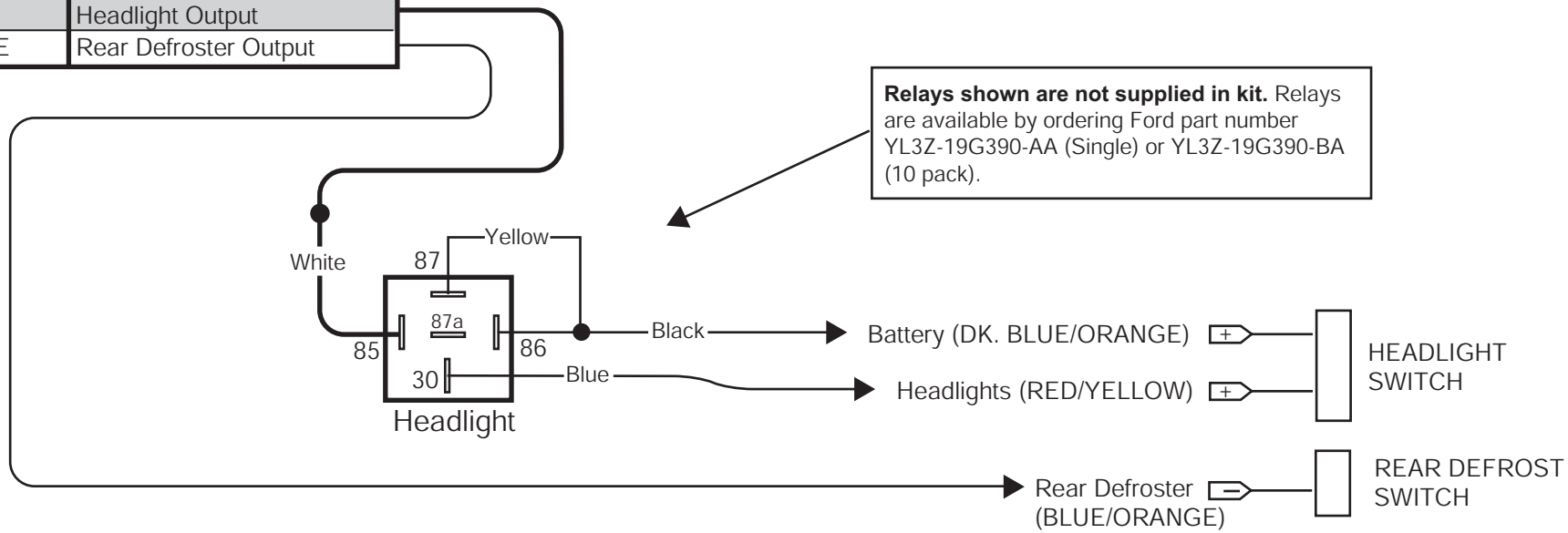
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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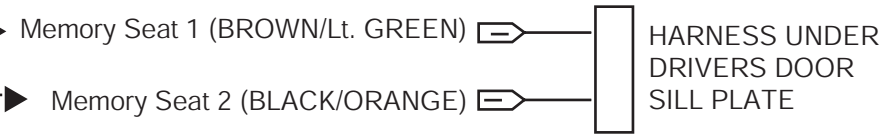
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS (con't)

MEMORY SEATS (IF EQUIPPED)

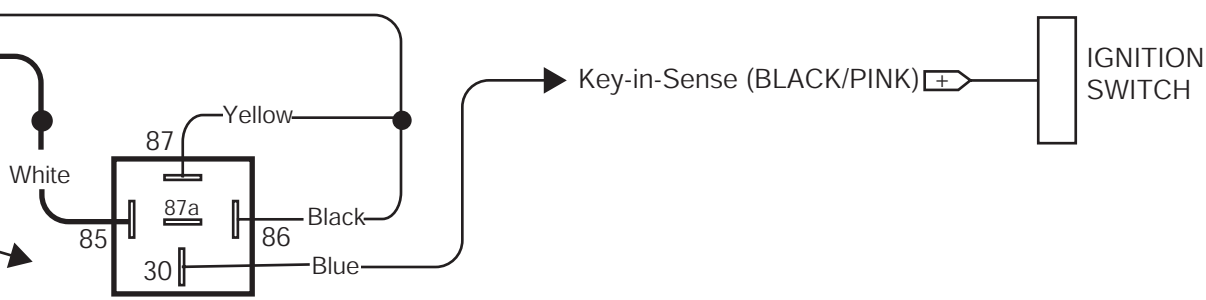
	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



AUTOMATIC RUNNING BOARDS (IF EQUIPPED)

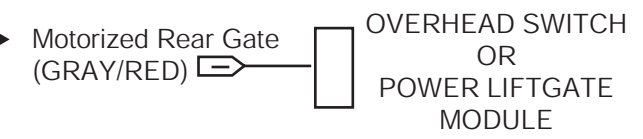
	Color	Function
A-15	RED	Siren Feed
C-4	LT.GREEN/BLACK	Factory Disarm Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



MOTORIZED REAR GATE (IF EQUIPPED)

	Color	Function
C-2	BLACK/GREEN	Motorized Rear Gate



IMPORTANT!

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Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

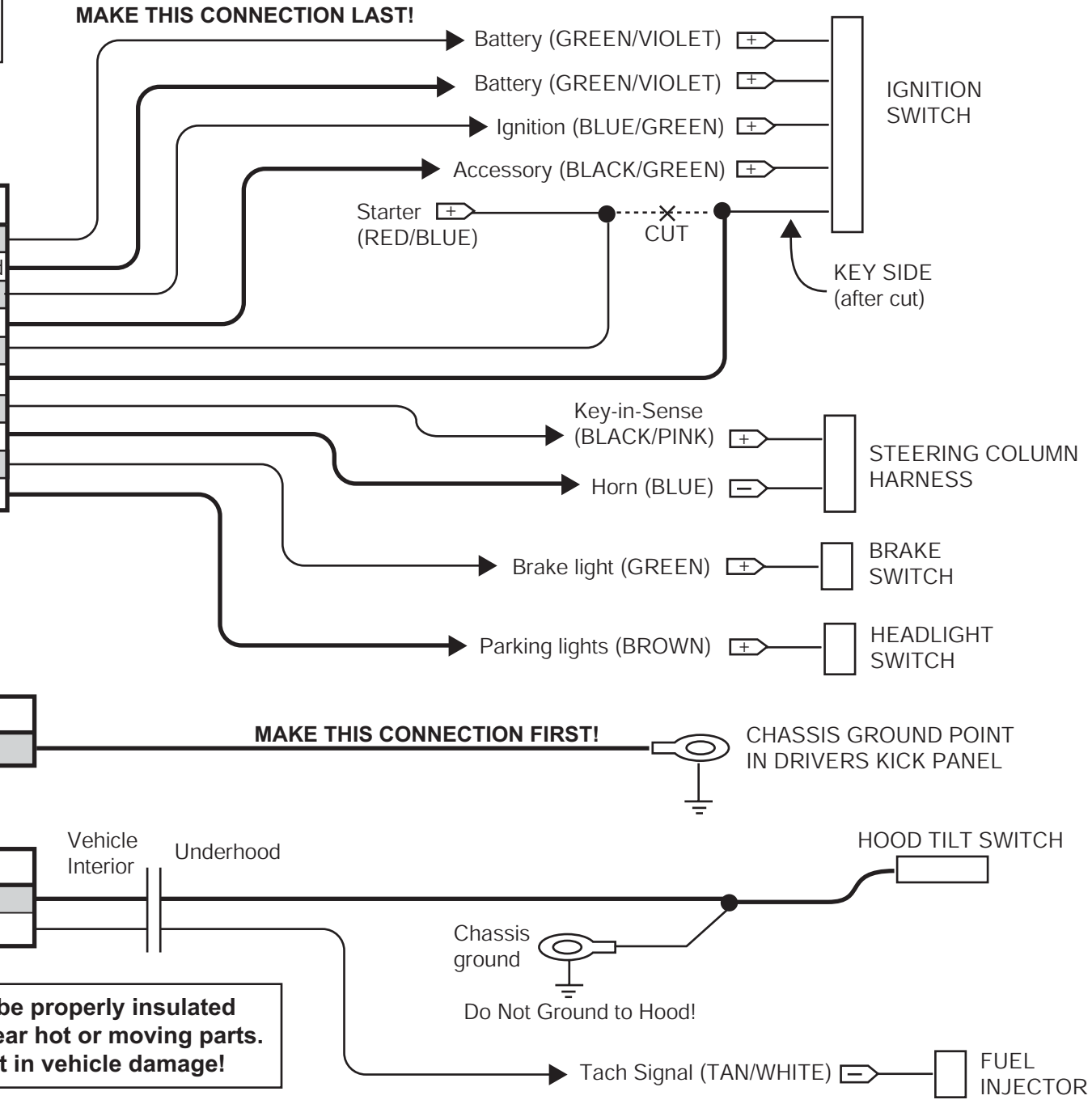
DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!



Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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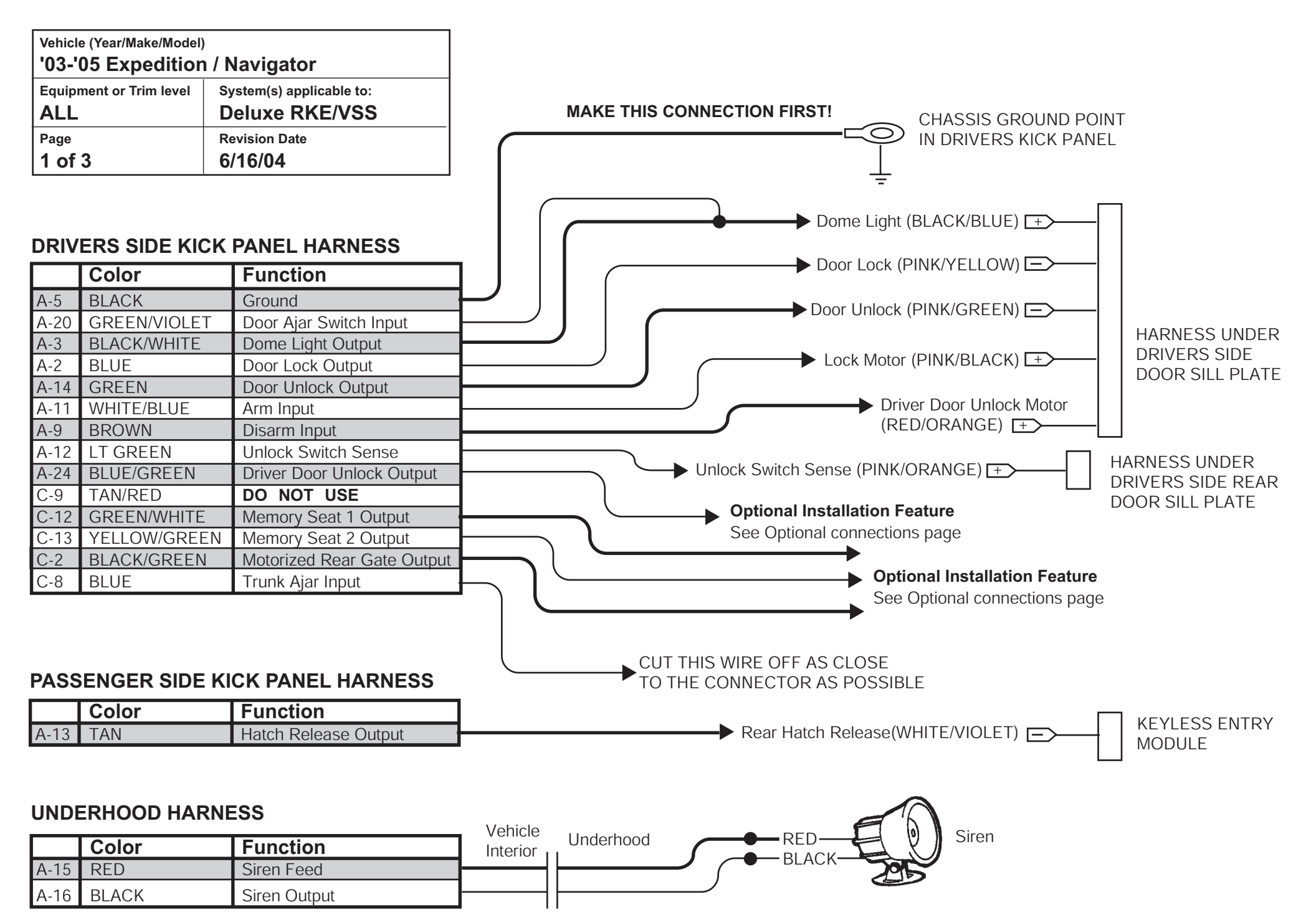

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-2	BLACK/GREEN	Motorized Rear Gate Output
C-8	BLUE	Trunk Ajar Input

PASSENGER SIDE KICK PANEL HARNESS

	Color	Function
A-13	TAN	Hatch Release Output

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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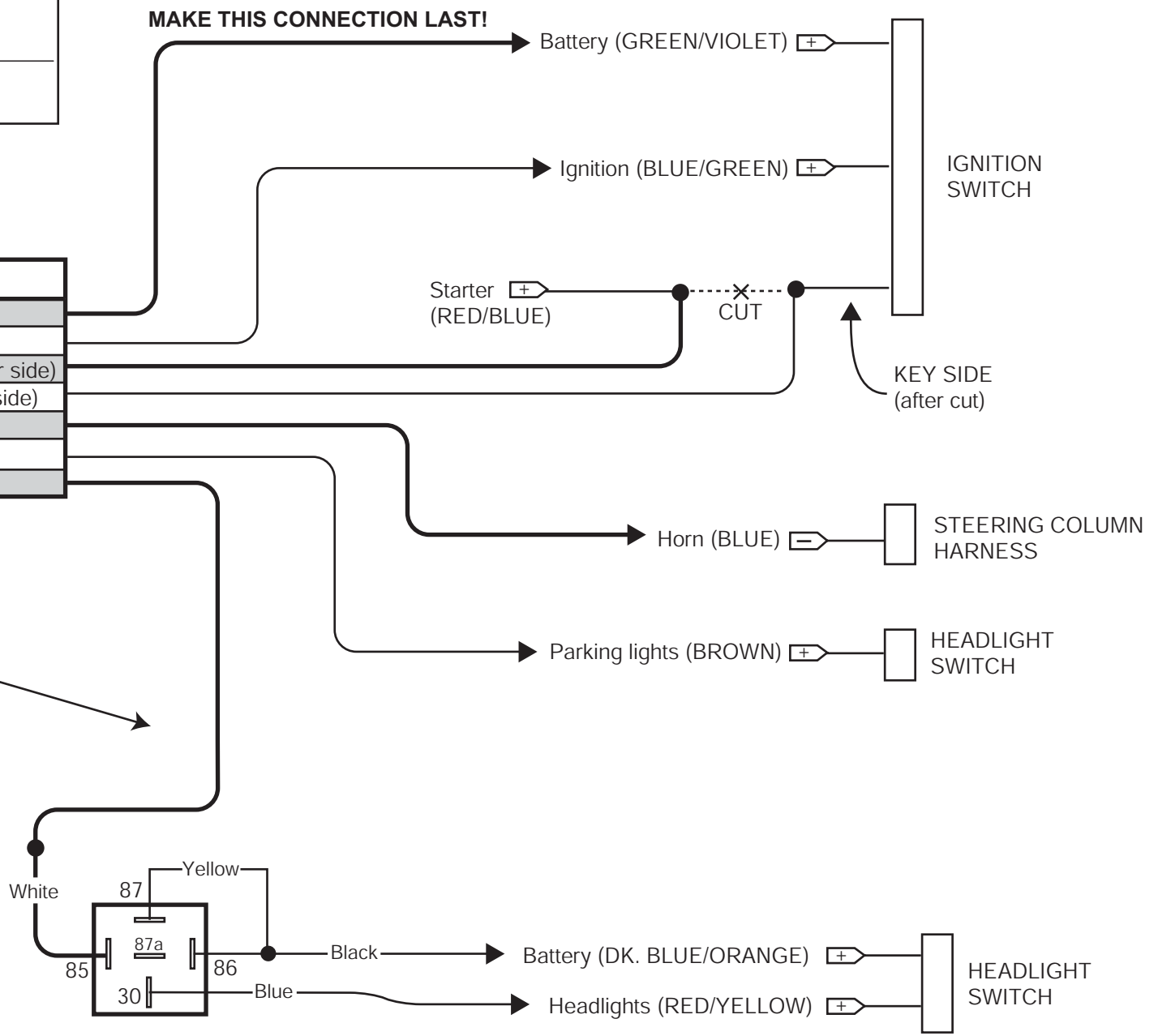
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

MAKE THIS CONNECTION LAST!



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 E xpedition / Navigator	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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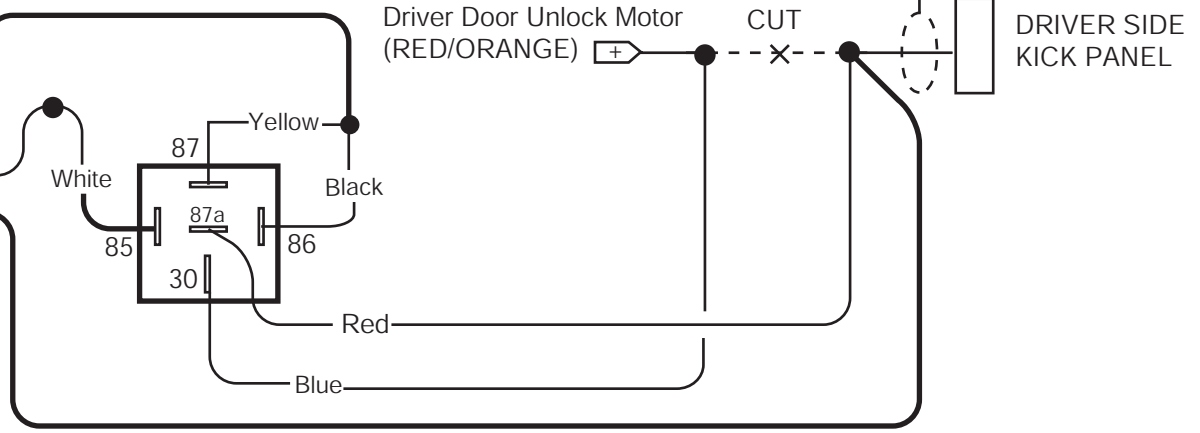
NOTE:
Program the "Driver's door priority unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

DRIVER'S DOOR P RIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

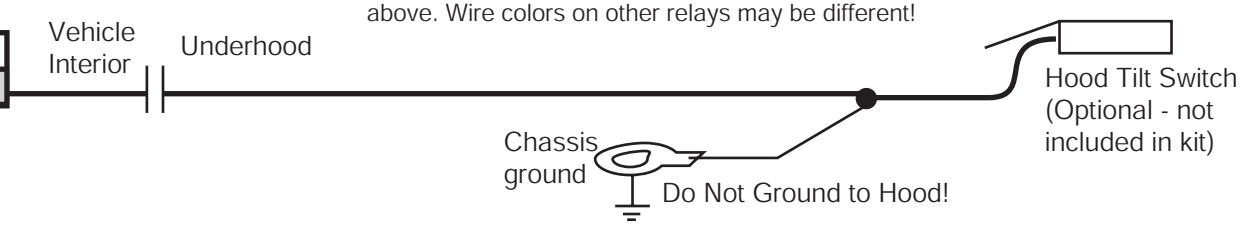
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

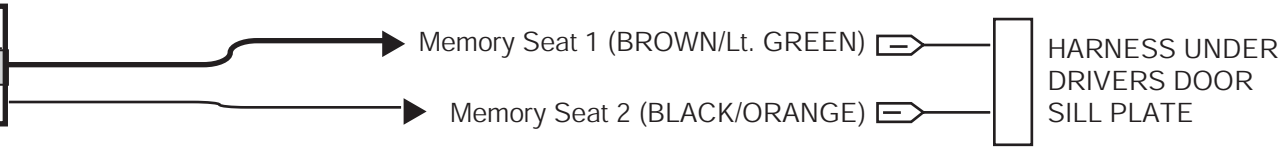
UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



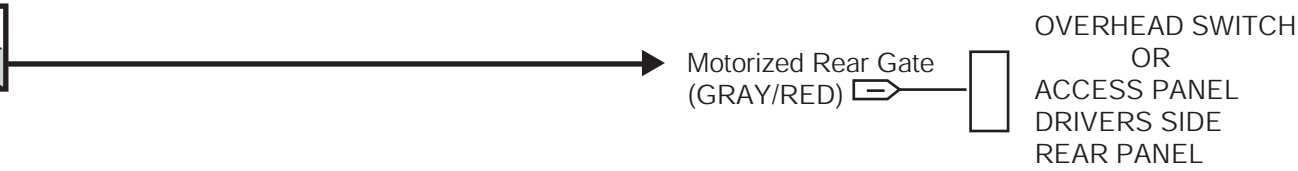
MEMORY S EATS (IF EQ UIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



MOTORIZED REAR GATE (IF EQUIPPED)

	Color	Function
C-2	BLACK/GREEN	Motorized Rear Gate



Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
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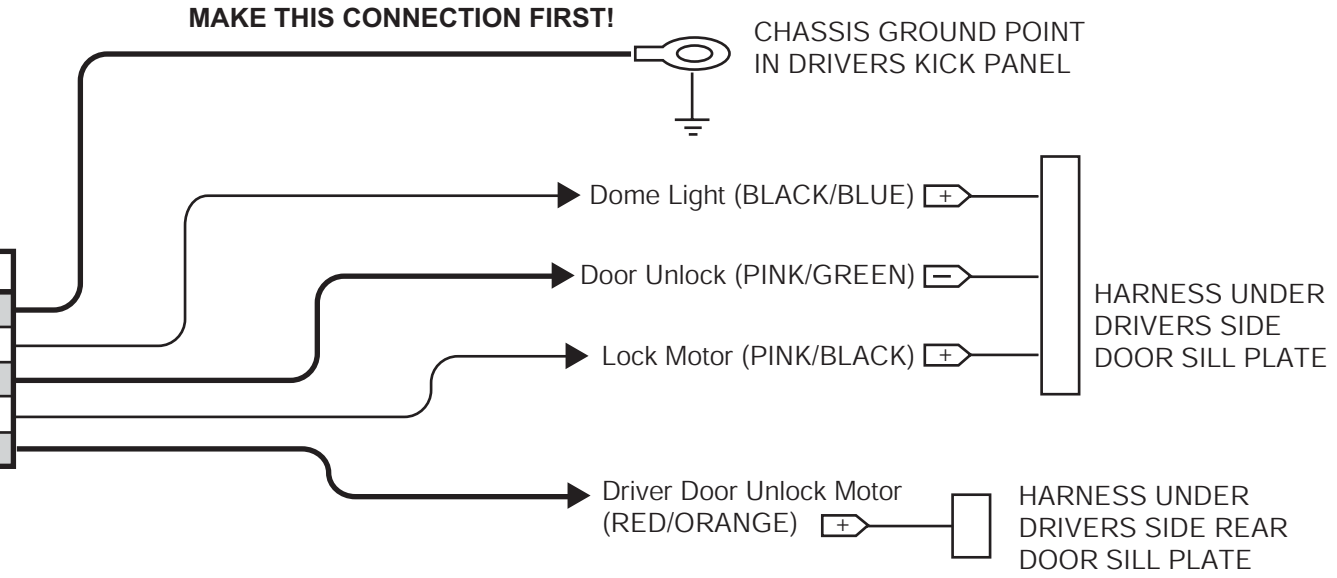
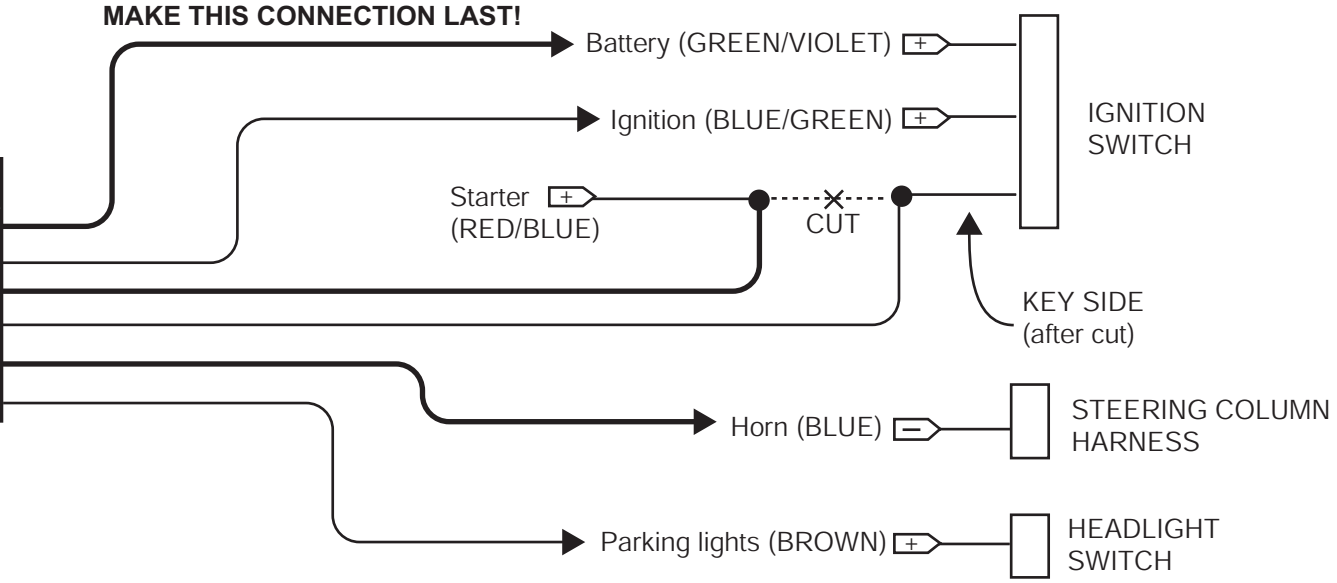
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

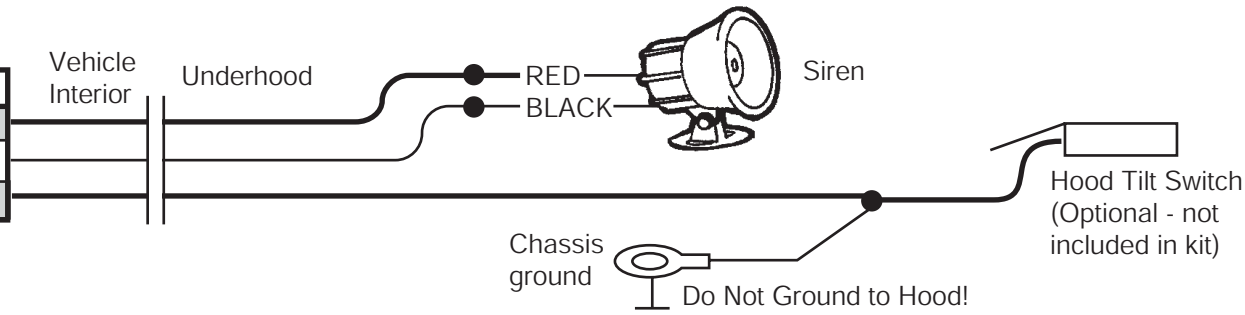


Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
2 of 2	**6/16/04**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'03-'05 Expedition / Navigator	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Preload**
Page	**Revision Date**
1 of 1	**6/16/04**

DRIVERS SIDE KICK PANEL HARNESS

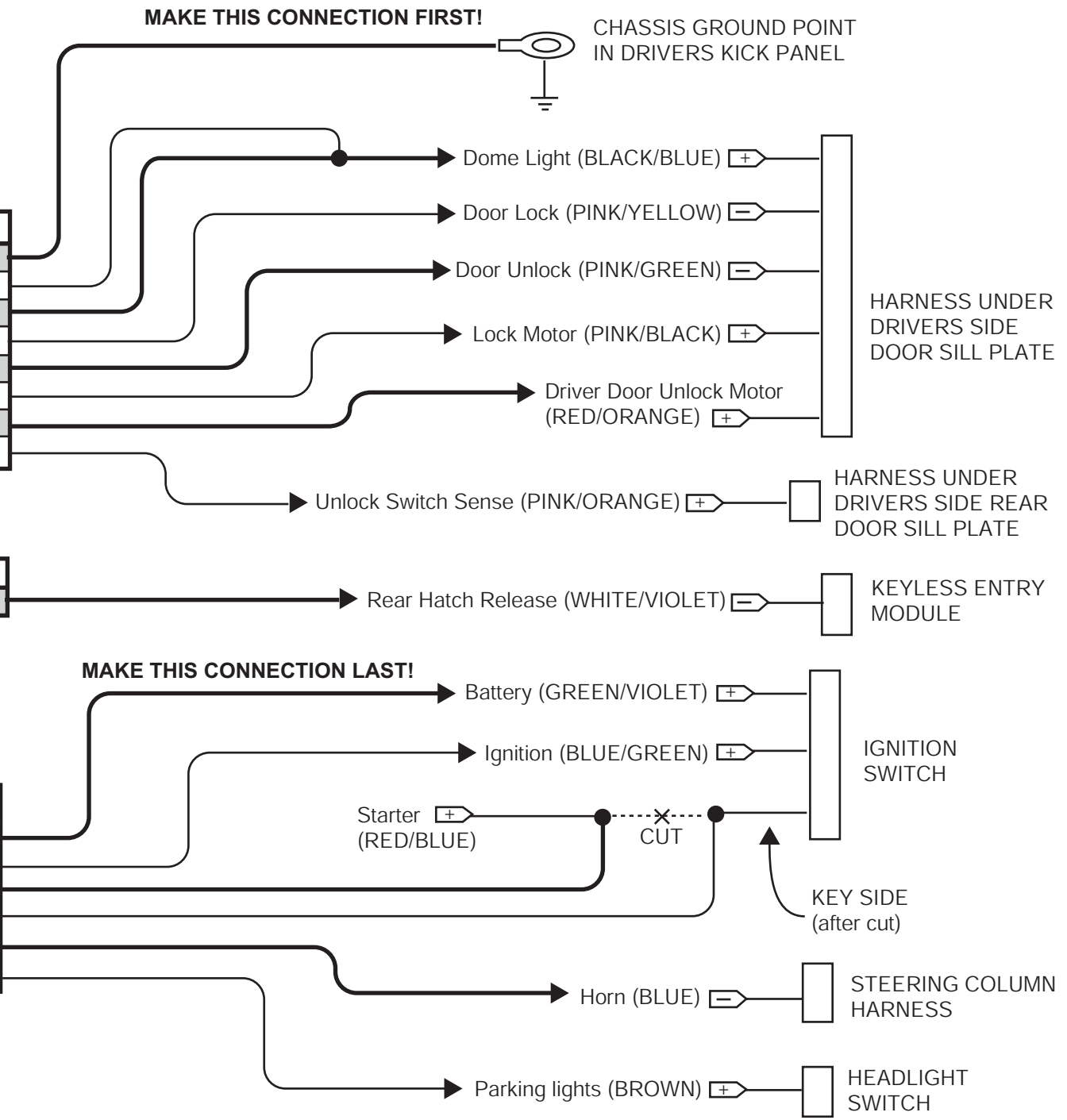
	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense

PASSENGER SIDE KICK PANEL HARNESS

	Color	Function
A-13	TAN	Hatch Release Output

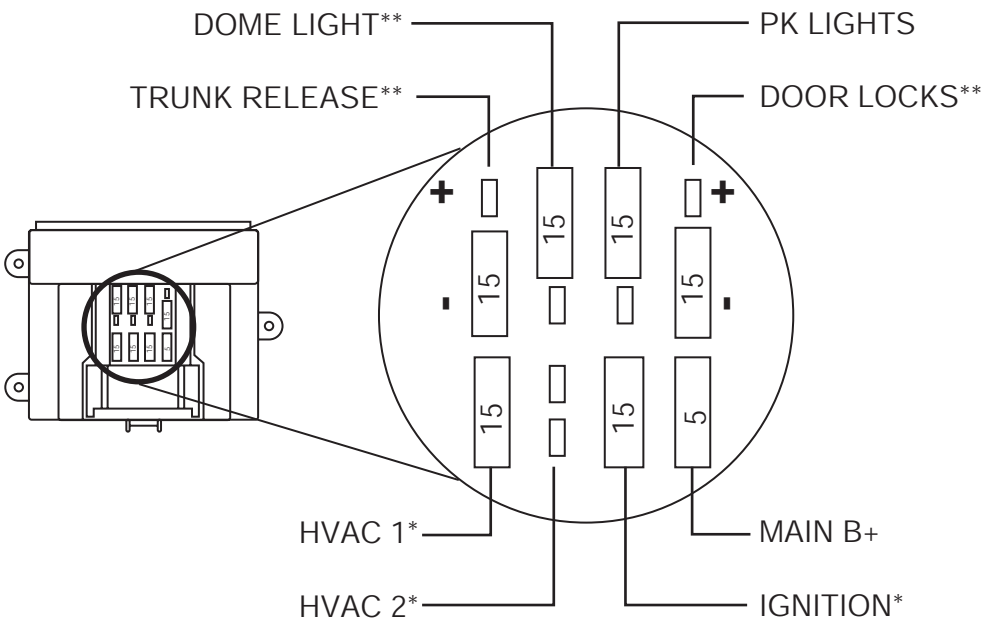
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **6/21/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002-05: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Negative
Key in Sense polarity	Positive
Rear Defroster	.5 Sec pulse (Default)

MODULE MOUNTING LOCATION:

Left side of under dash between fuse/junction box and bulkhead panel.

Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
1 of 4	**6/16/04**

(NOTE: ALSO INCLUDES RKE/RMST

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Hatch Release
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor
(RED/ORANGE) (+)

Factory Alarm Disarm
(GREEN/VIOLET) (−)

HARNESS UNDER
DRIVERS SIDE
DOOR SILL PLATE

Hatch Release Output
(PINK/ORANGE) (−)

HARNESS UNDER
DRIVERS SIDE REAR
DOOR SILL PLATE

Optional Installation Feature
See Optional connections page

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

Siren (VSS only)

RED
BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (PINK/WHITE) (−)

IGNITION COIL

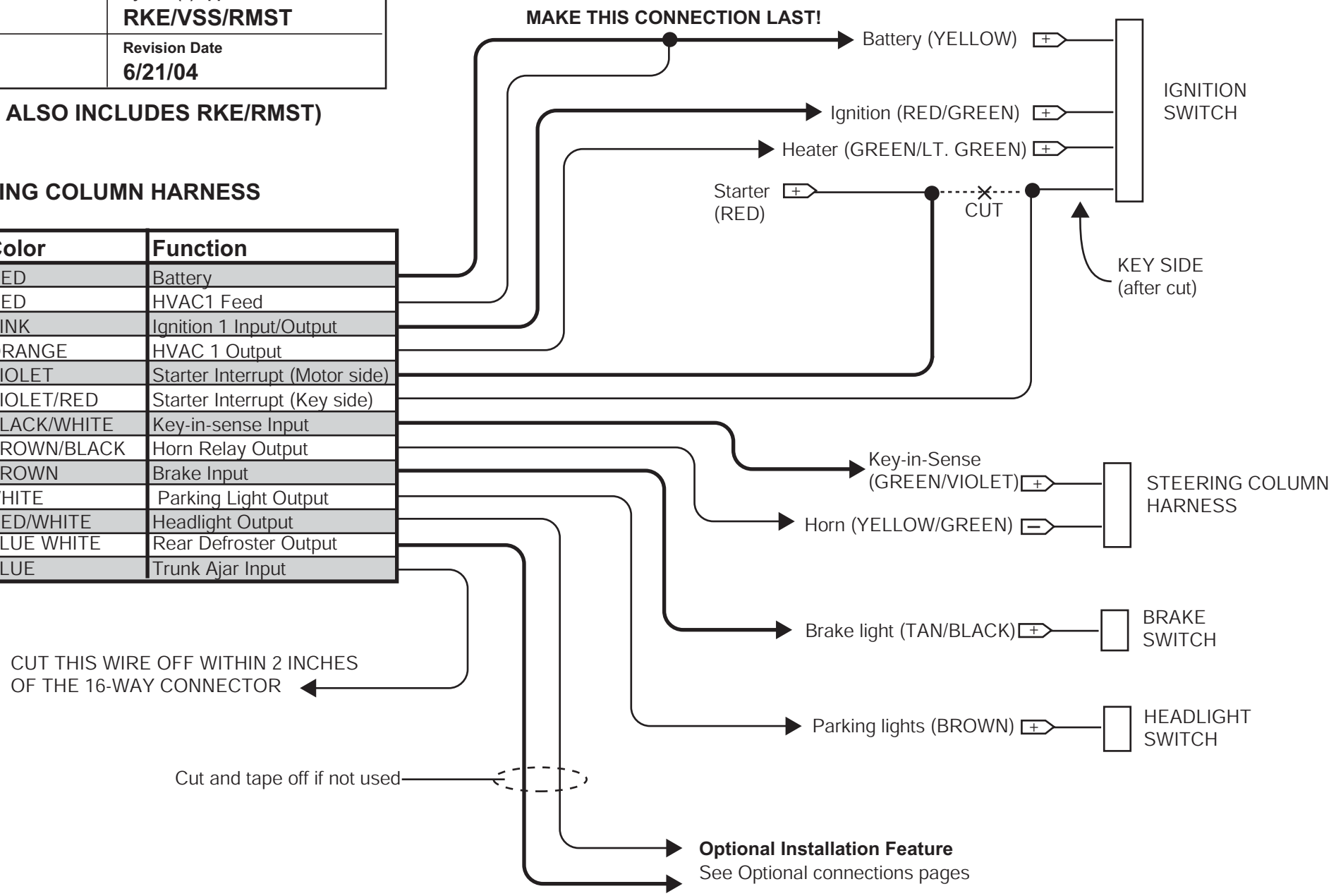
IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
2 of 4	**6/21/04**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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OPTIONAL CONNECTIONS

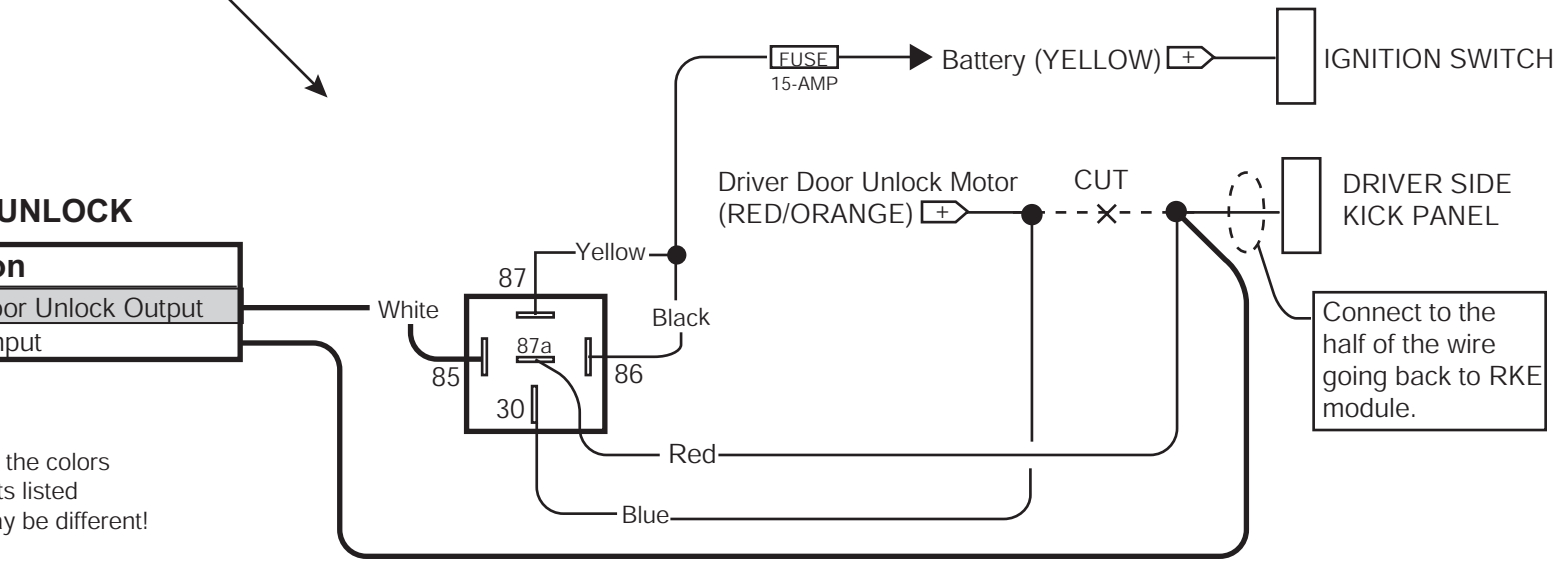
HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

DRIVER'S DOOR P RIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

NOTE:

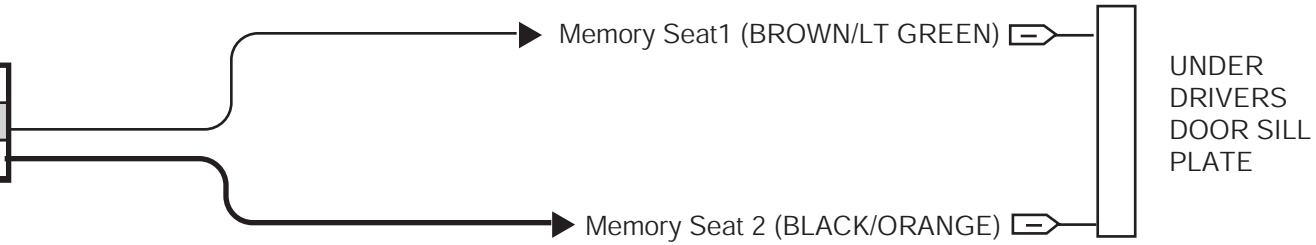
Program the "Driver's door priority unlock" (Option #1, Option bank #2) option to ON

Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level **w/Factory RKE**	**System(s) applicable to:** **RKE/VSS/RMST**
Page **4 of 4**	**Revision Date** **6/21/04**

OPTIONAL CONNECTIONS (cont'd)

MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level ALL	System(s) applicable to: RMST
Page 1 of 1	Revision Date 6/21/04

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

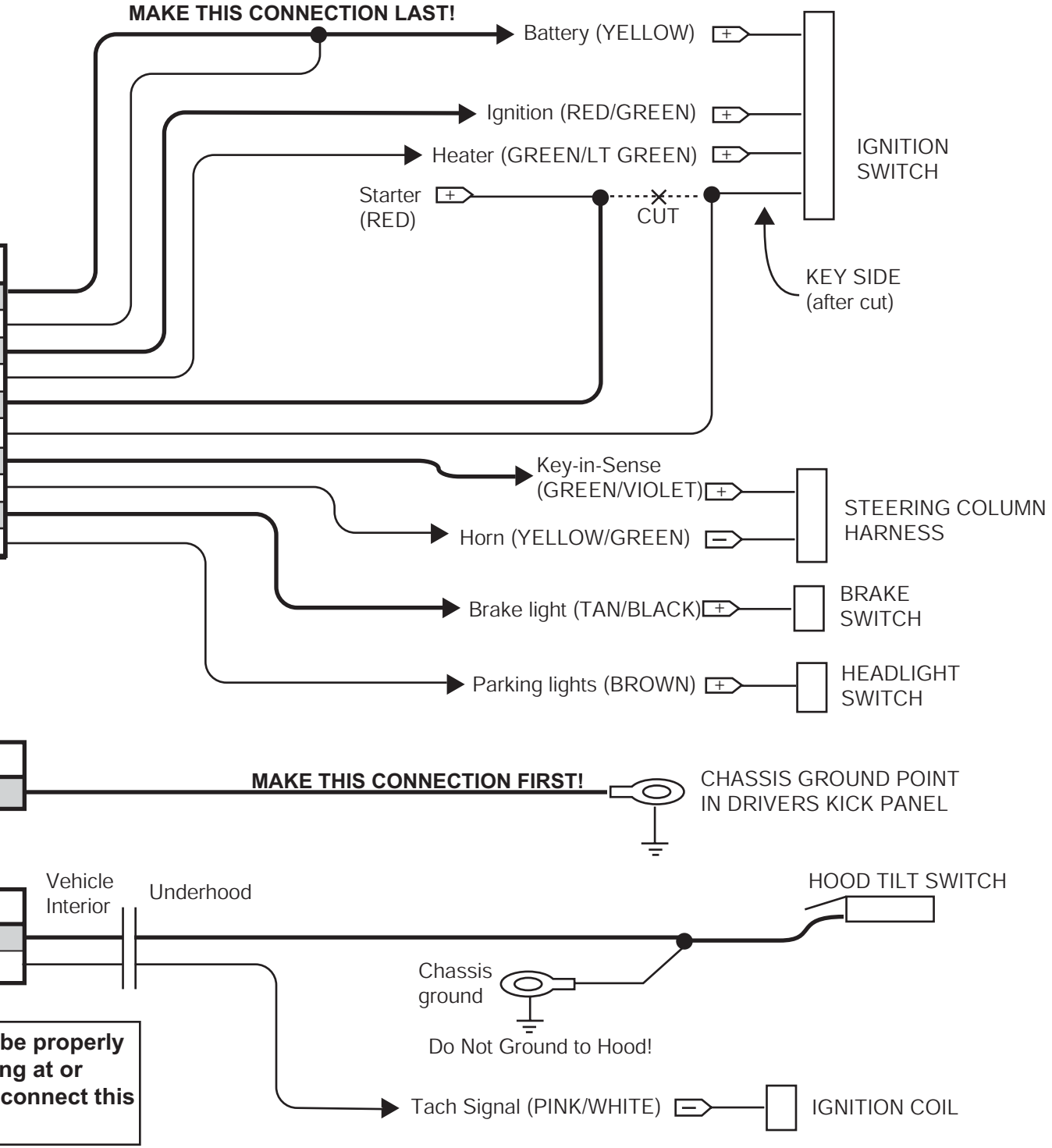
DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Hatch Release Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 OutpuT

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

Factory Alarm Disarm (GREEN/VIOLET) (−)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Hatch Release Output (PINK/ORANGE) (−)

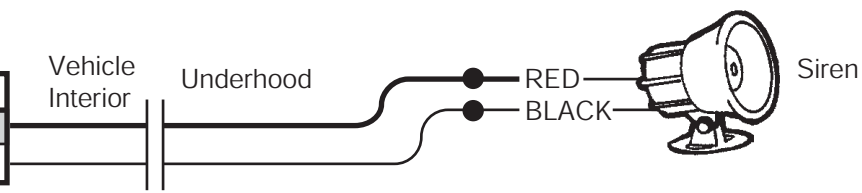
HARNESS UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Cut and tape off if not used

Optional Installation Feature
See Optional connections page

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer 4-Door	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (RED/GREEN) (+)

IGNITION SWITCH

Starter (RED) (+) — CUT

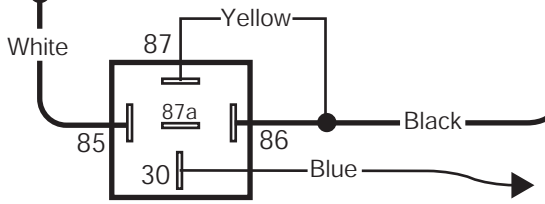
KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−) — STEERING COLUMN HARNESS

Parking lights (BROWN) (+) — HEADLIGHT SWITCH

CUT THIS WIRE OFF WITHIN 2 INCHES OF THE 16-WAY CONNECTOR

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



Battery (DK. BLUE/ORANGE) (+)

'02 Headlights (RED/YELLOW) (+)

'03-'05 Headlights (RED/BLACK) (+)

HEADLIGHT SWITCH

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

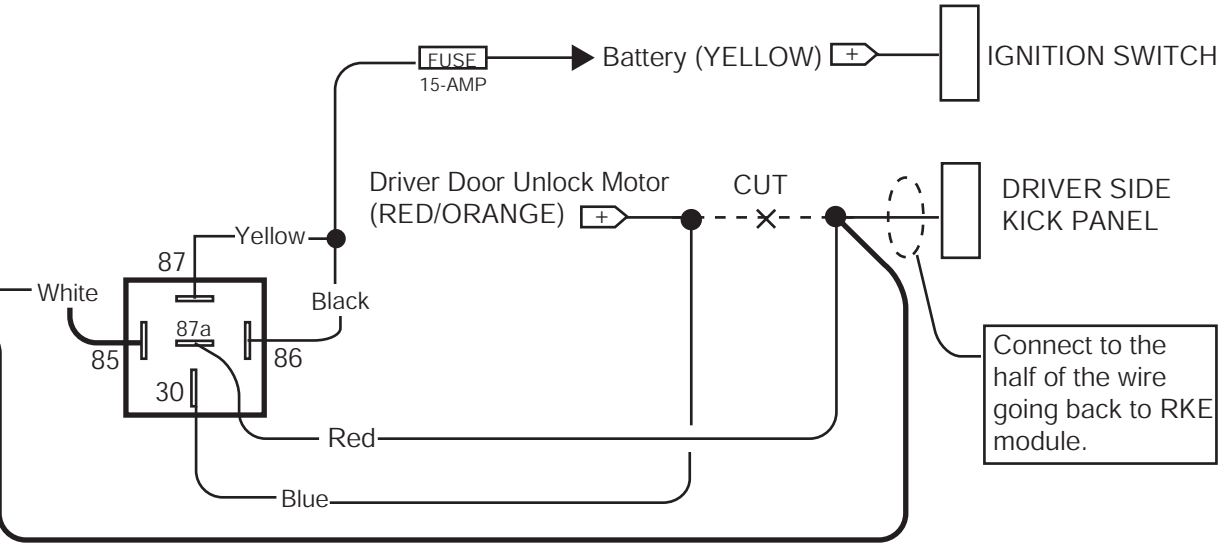
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

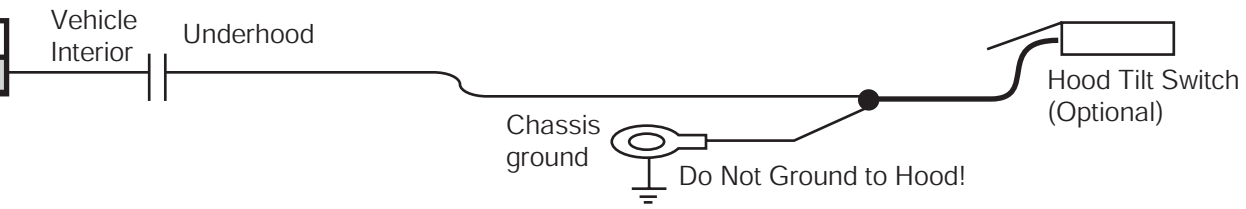
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



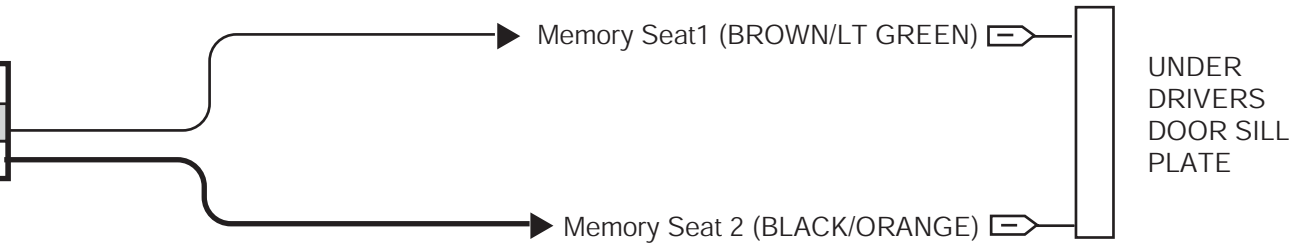
UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output



Vehicle (Year/Make/Model)	
'02-'05 Explorer /Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
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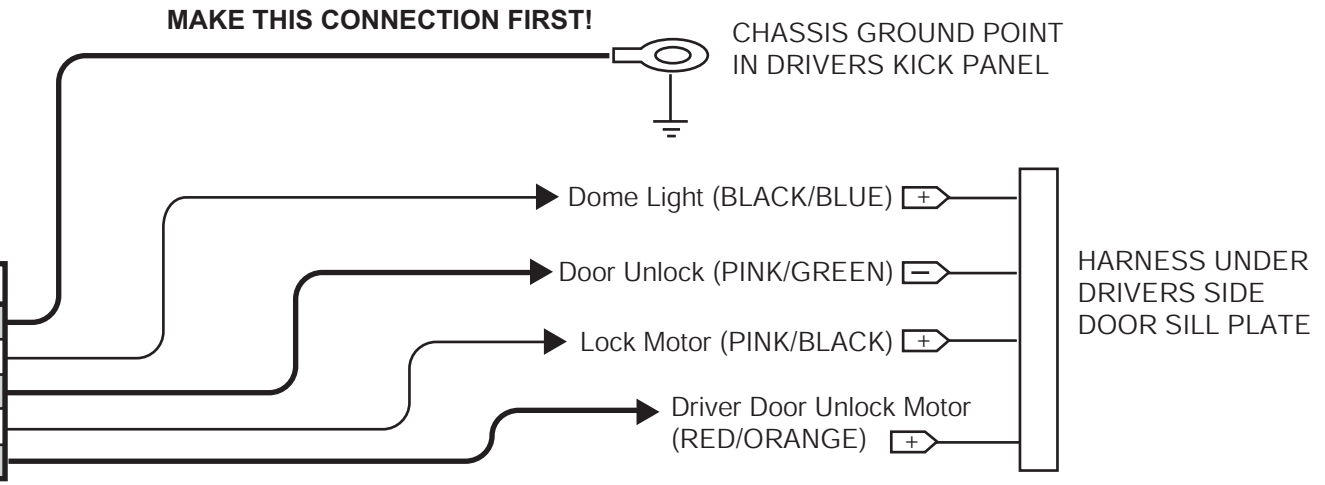
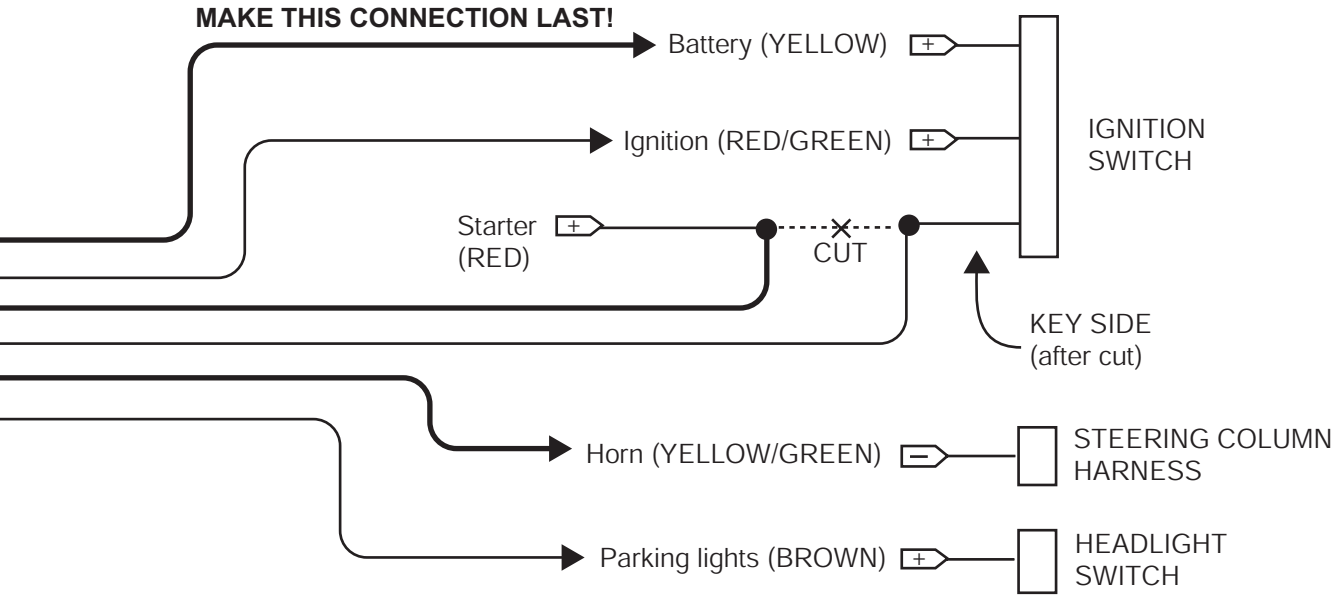
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
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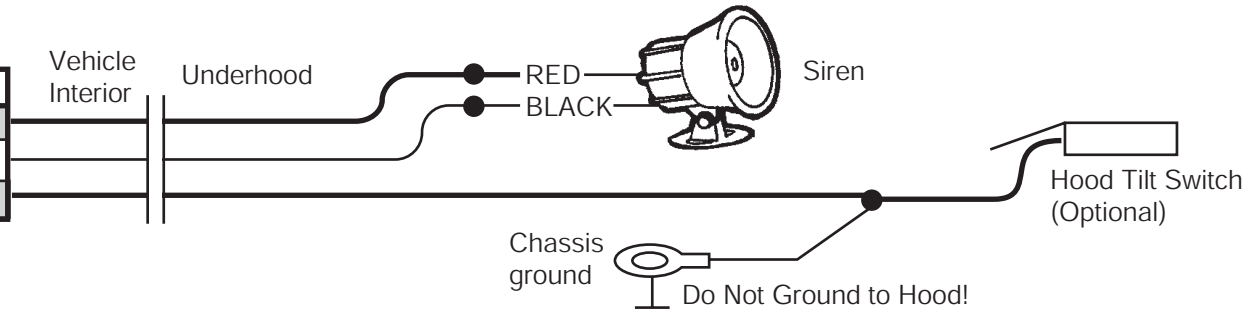
UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'05 Explorer / Mountaineer (4-Door)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Preload**
Page	**Revision Date**
1 of 1	**6/21/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-13	TAN	Hatch Release Output

Dome Light (BLACK/BLUE) (+)
Door Lock (PINK/YELLOW) (−)
Door Unlock (PINK/GREEN) (−)
Lock Motor (PINK/BLACK) (+)
Driver Door Unlock Motor (RED/ORANGE) (+)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Rear Hatch Release (PINK/ORANGE) (−)

HARNESS UNDER DRIVERS SIDE REAR DOOR SILL PLATE

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Factory Alarm Disarm (GREEN/VIOLET) (-)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (YELLOW) (+)
Ignition (RED/GREEN) (+)
Starter (RED) (+)
CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−)

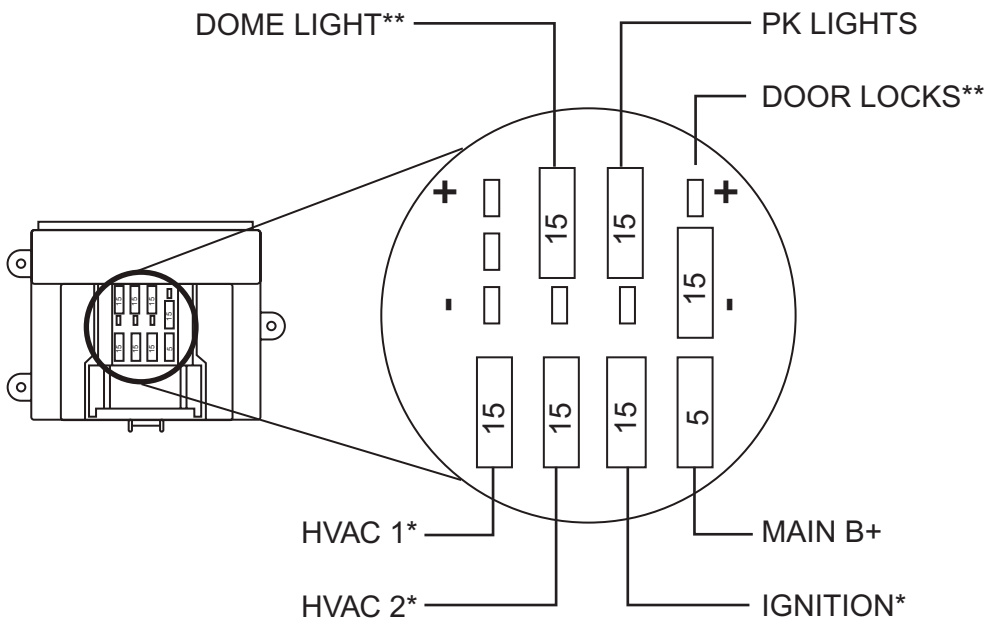
IGNITION SWITCH

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **1/5/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L2Z-19G365-AB
2003: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - REAR DEFROST (OPTIONAL)
1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR UNLOCK PRIORITY (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Negative
Key in Sense polarity	Negative (Default setting)
Aux 2 (Rear Defrost)	10 min.

MODULE MOUNTING LOCATION:

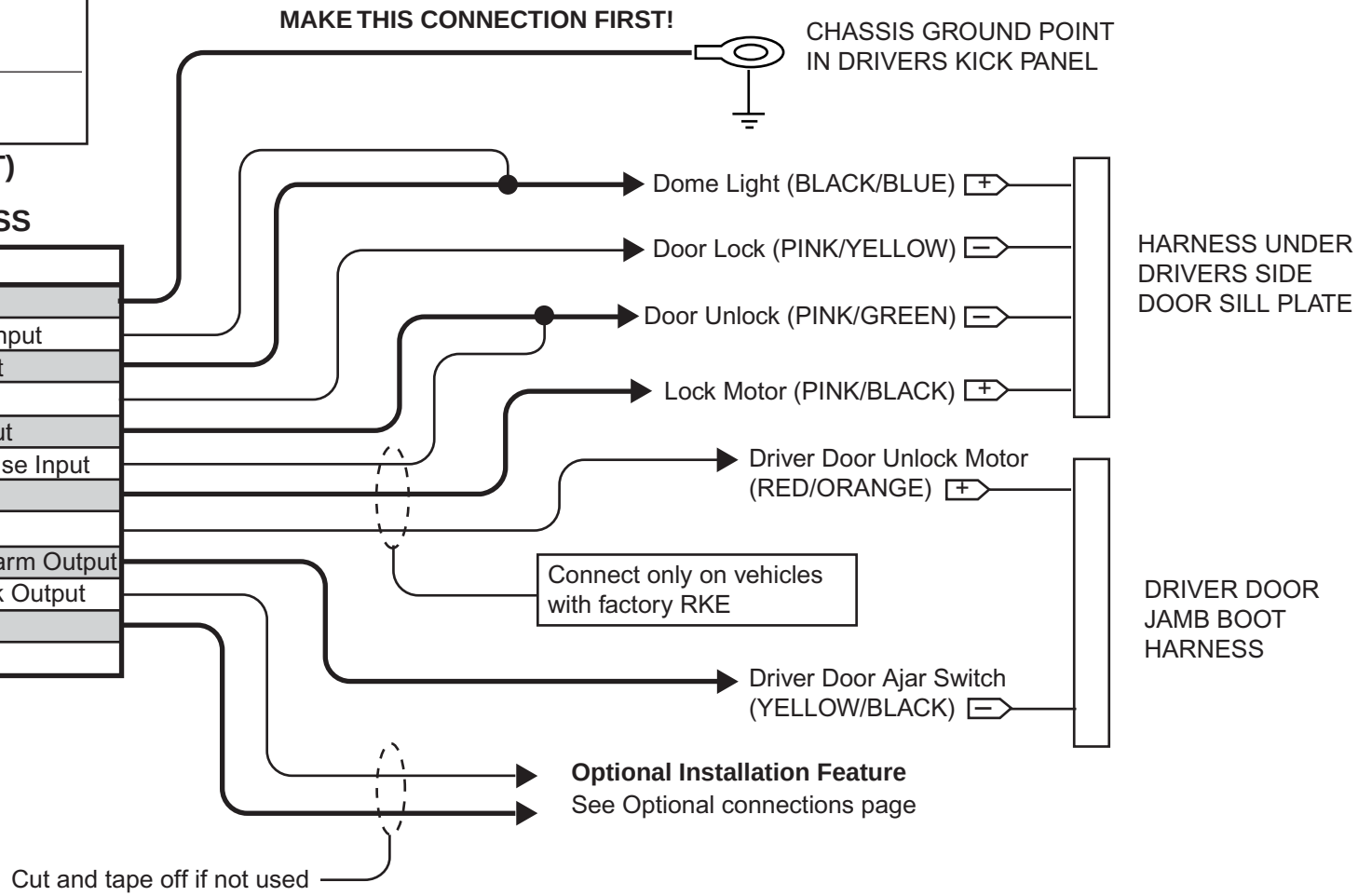
Above hood release cable near bulkhead panel, in front of emergency brake.

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 3**	Revision Date **5/30/03**

(NOTE: ALSO INCLUDES RKE/RMST)

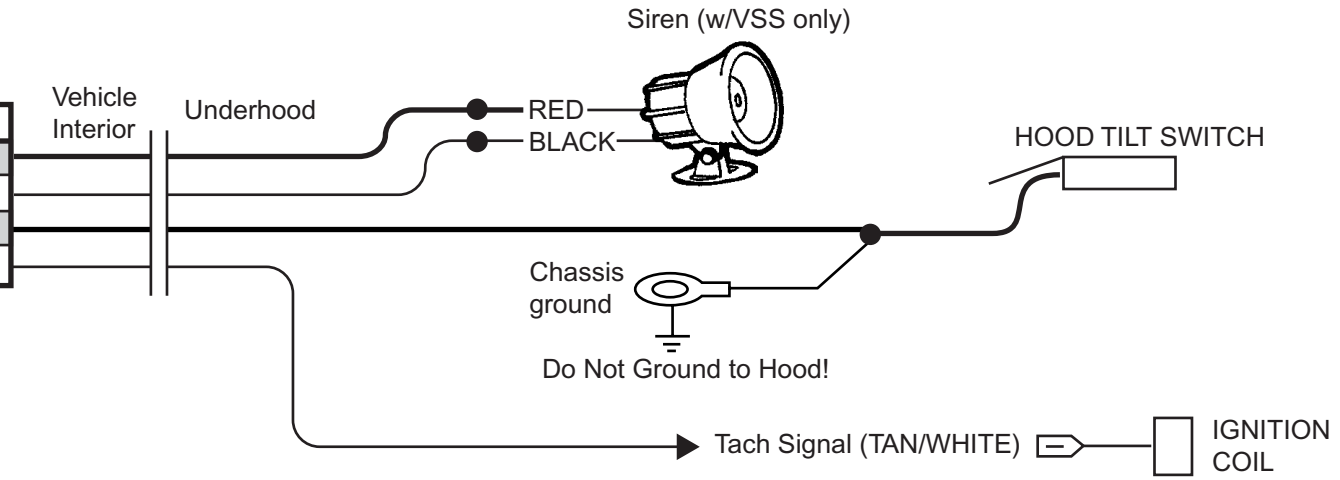
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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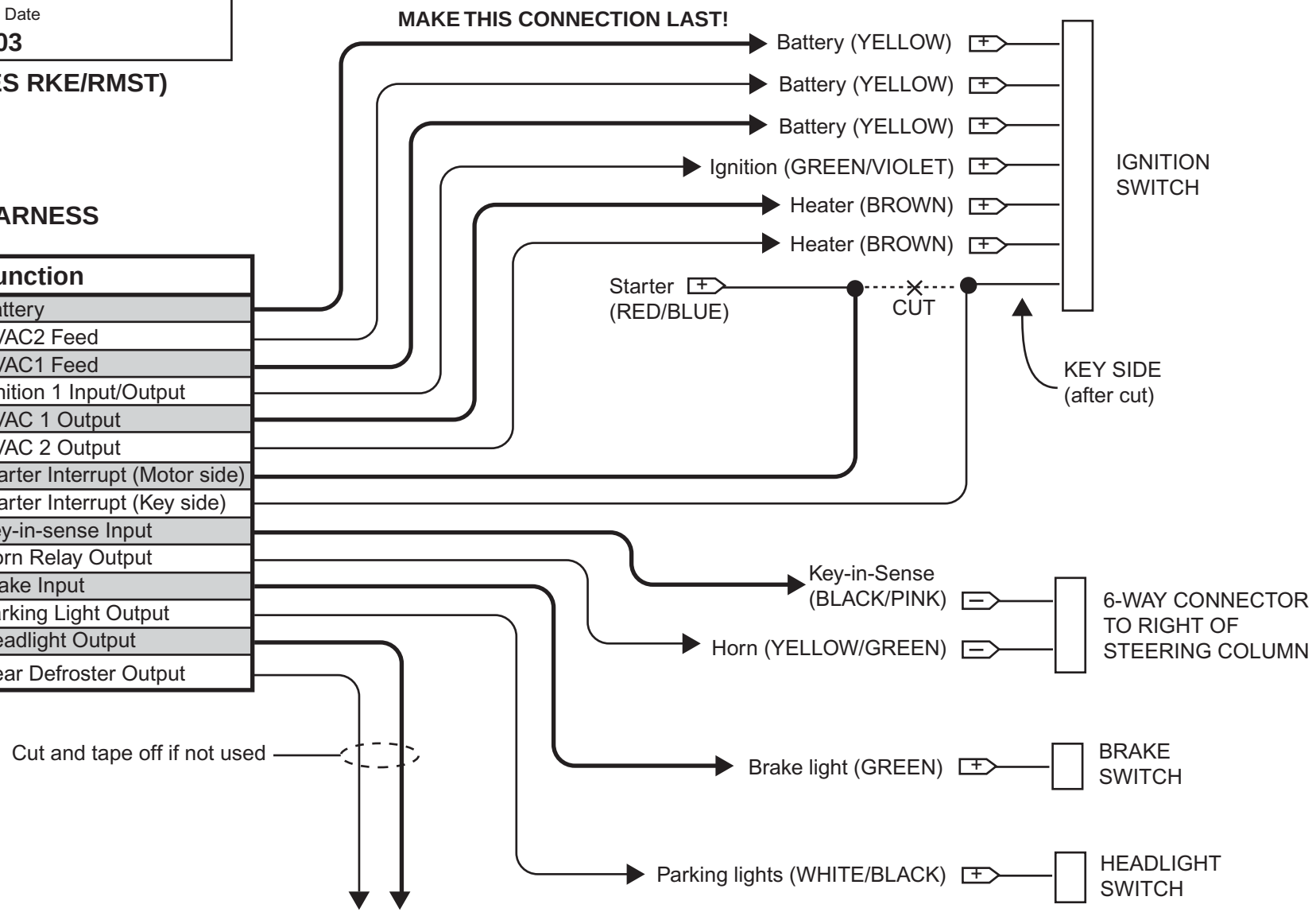
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

Note:
Parking light circuit can also be found in the wiring harness that runs underneath the driver's side door sill plate. Wire changes to BROWN (+).

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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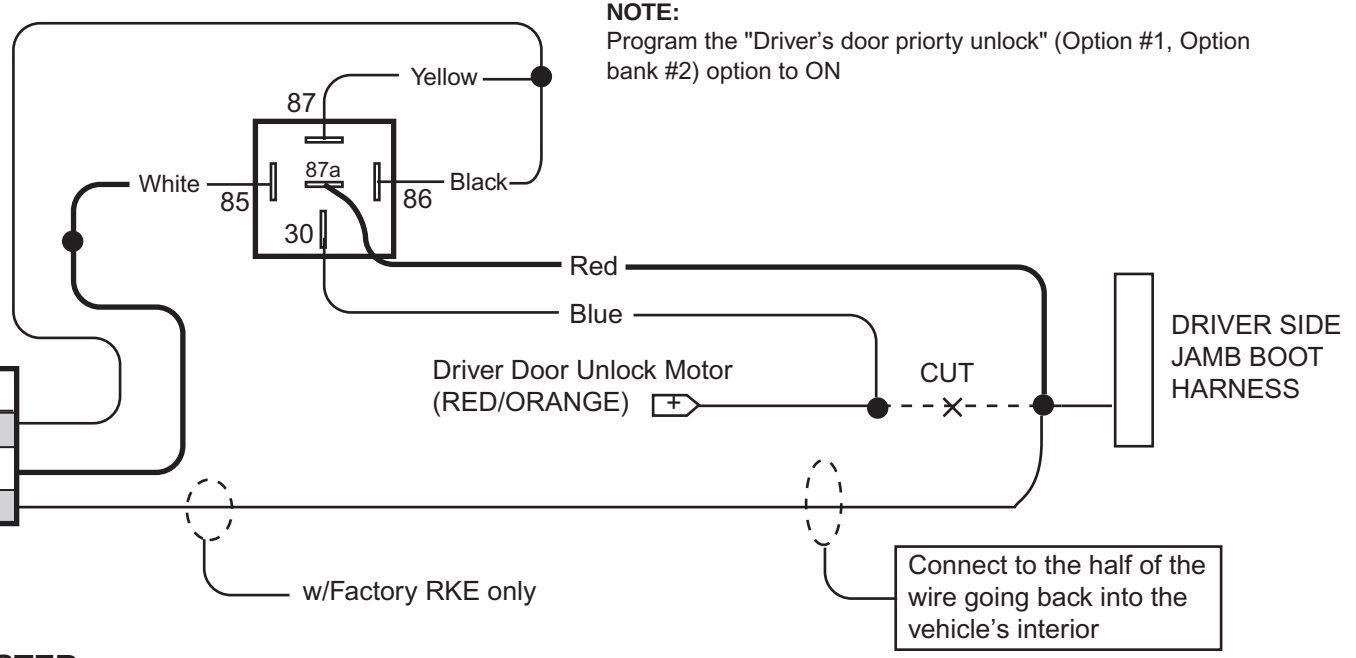
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

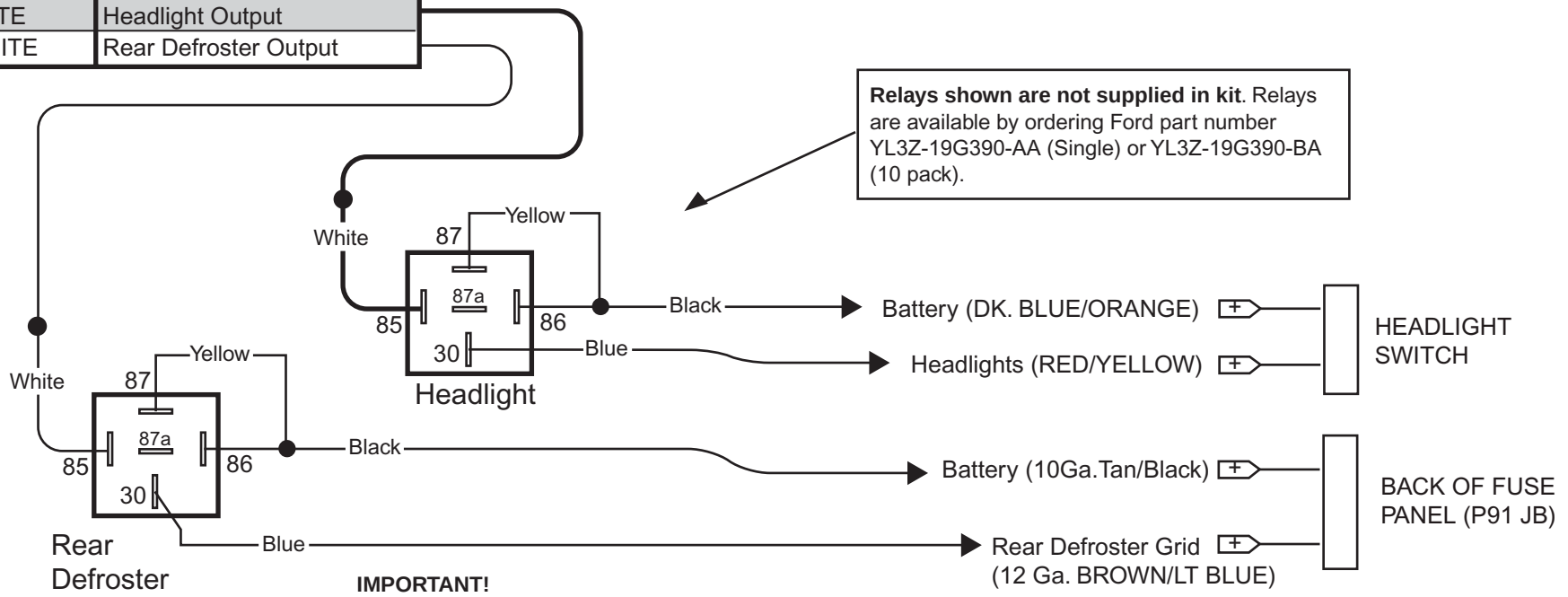
NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)
Battery (YELLOW) (+)
Battery (YELLOW) (+)
Ignition (GREEN/VIOLET) (+)
Heater (BROWN) (+)
Heater (BROWN) (+)
Starter (RED/BLUE) (+)
CUT
IGNITION SWITCH
KEY SIDE (after cut)

Key-in-Sense (BLACK/PINK) (−)
Horn (YELLOW/GREEN) (−)
6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire color changes to BROWN (+).

Brake light (GREEN) (+)
BRAKE SWITCH

Parking lights (WHITE/BLACK) (+)
HEADLIGHT SWITCH

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

MAKE THIS CONNECTION FIRST!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior
Underhood
HOOD TILT SWITCH
Chassis ground
Do Not Ground to Hood!
Tach Signal (TAN/WHITE) (−)
IGNITION COIL

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

HARNESS UNDER
DRIVERS SIDE
DOOR SILL PLATE

Driver Door Unlock Motor
(RED/ORANGE) (+)

Connect only on vehicles
with factory RKE

Driver Door Ajar Switch
(YELLOW/BLACK) (−)

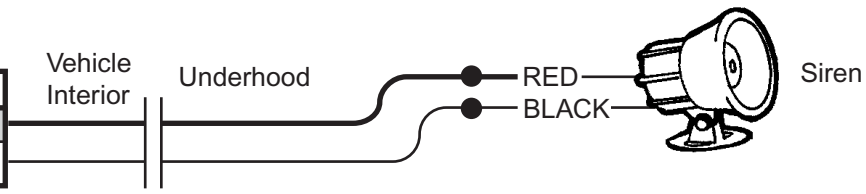
DRIVER DOOR
JAMB BOOT
HARNESS

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+)

IGNITION SWITCH

Starter (RED/BLUE) (+) — CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−)

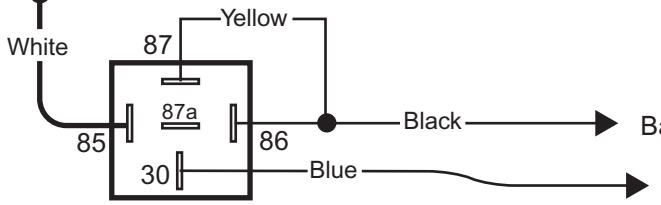
6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (WHITE/BLACK) (+)

HEADLIGHT SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire changes to BROWN (+).



Black → Battery (DK. BLUE/ORANGE) (+)

Blue → Headlights (RED/YELLOW) (+)

HEADLIGHT SWITCH

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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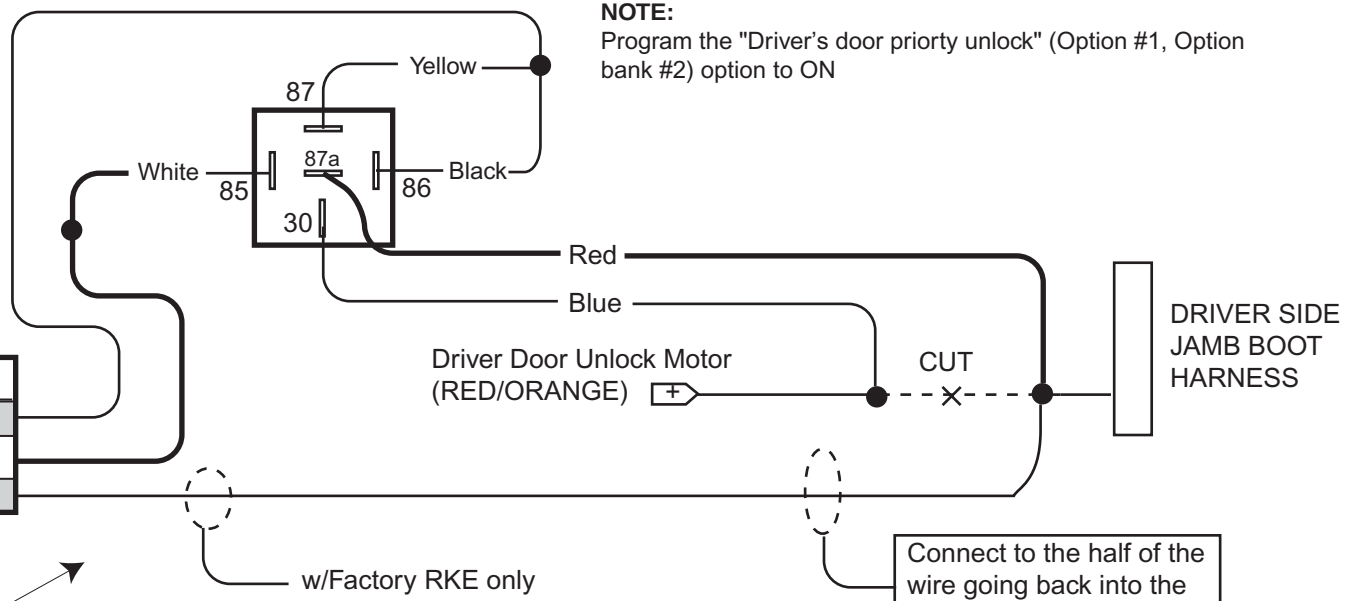
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



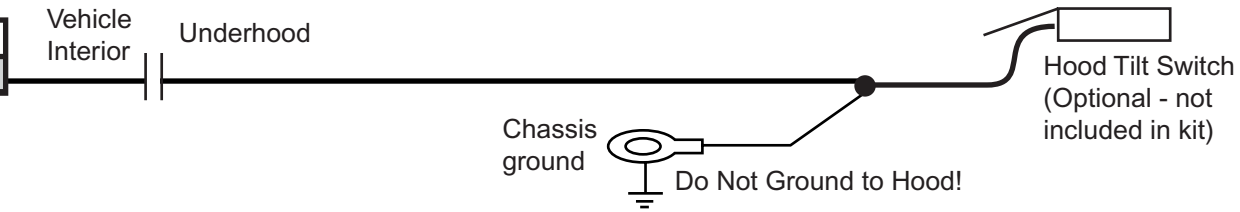
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



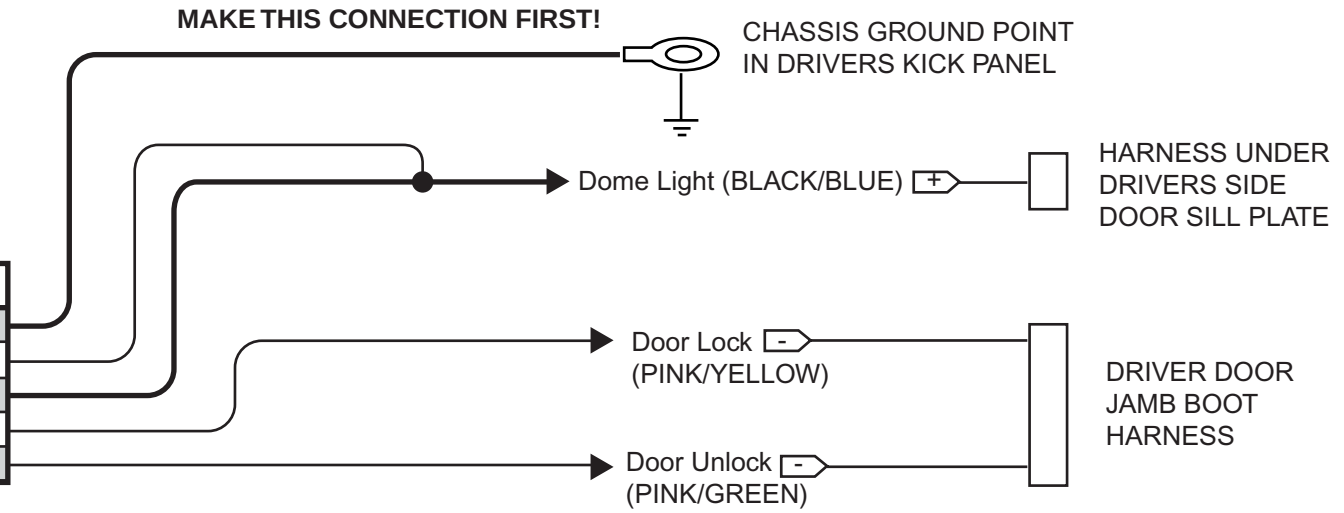
IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **w/o Factory RKE**	System(s) applicable to: **VSS/RKE & RKE**
Page **1 of 1**	Revision Date **5/30/03**

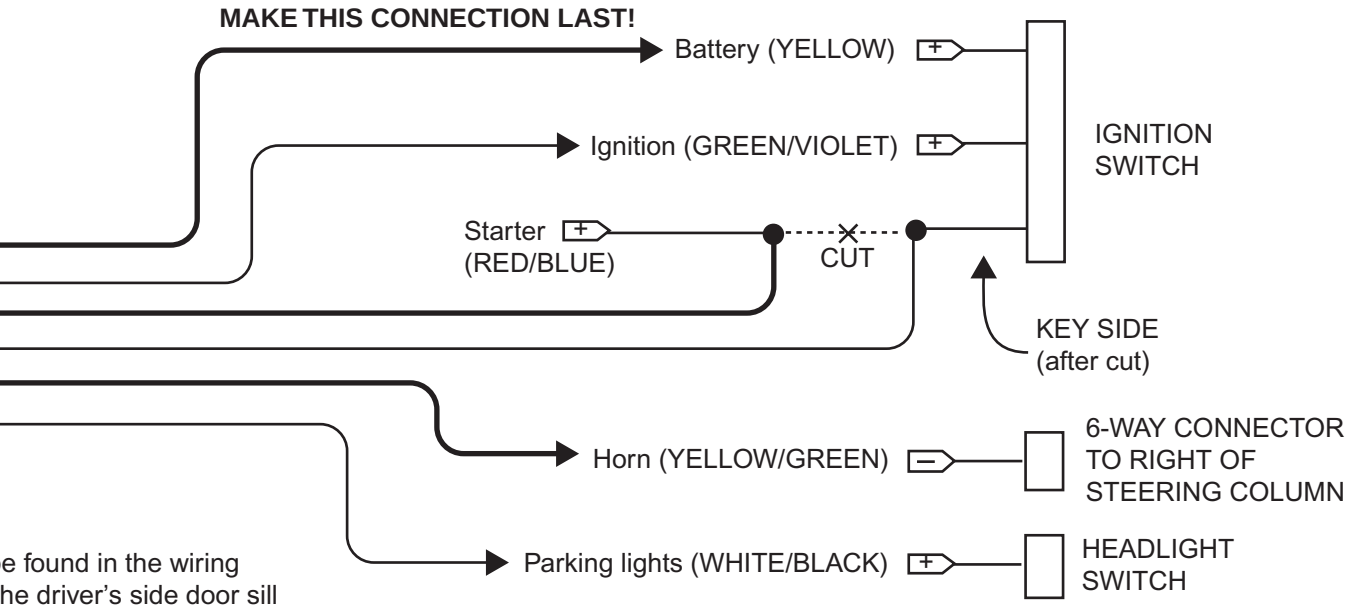
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire color changes to BROWN (+).

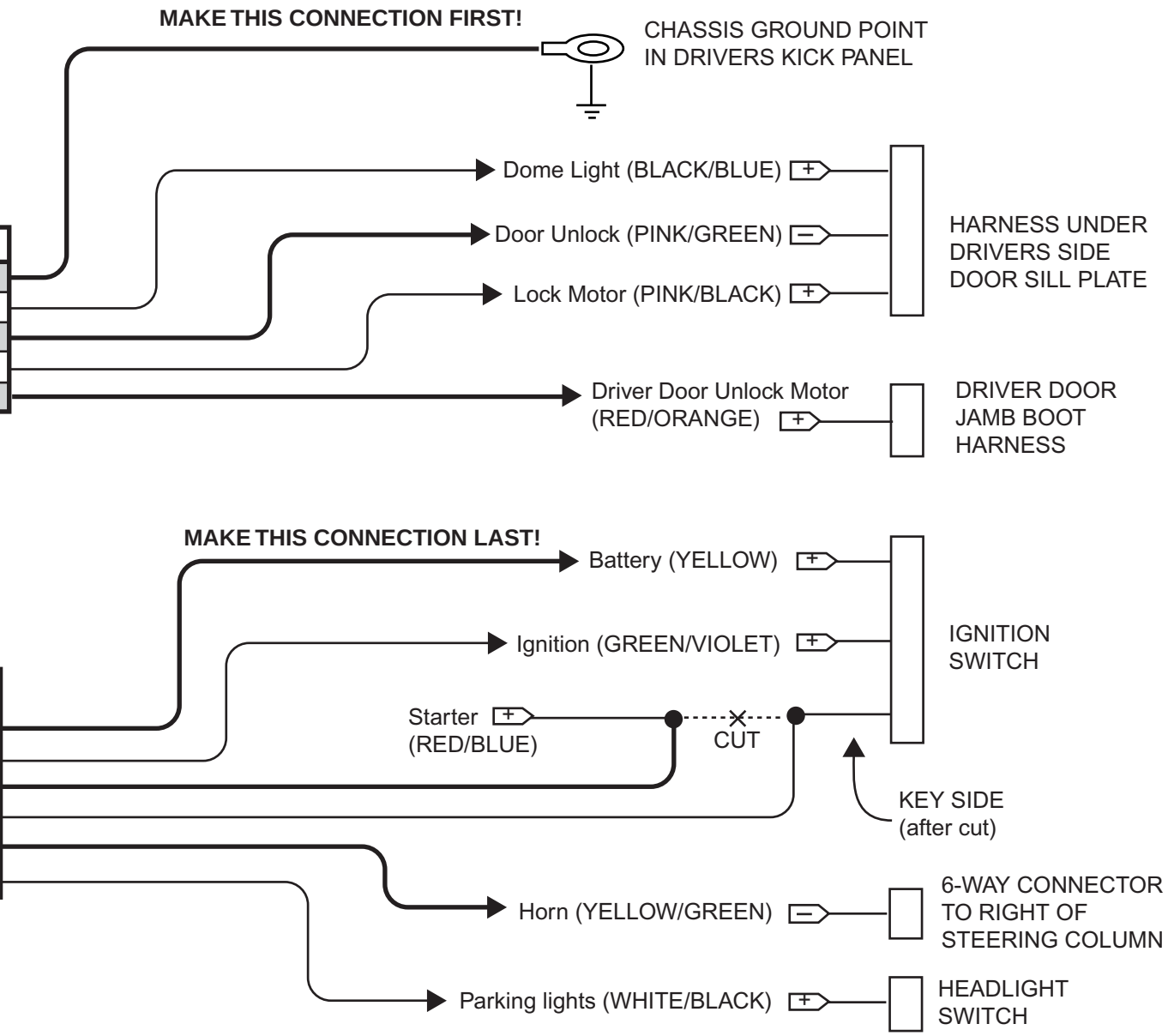
Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **VSS**
Page **1 of 1**	Revision Date **5/30/03**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



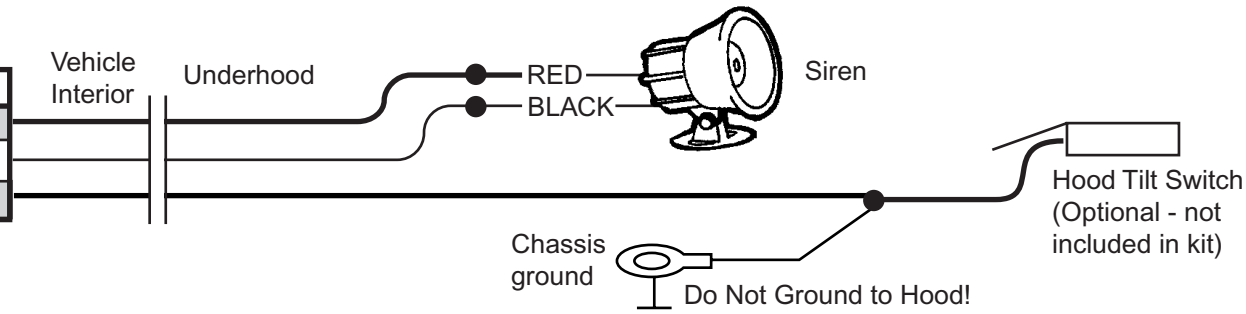
Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire color changes to BROWN (+).

Vehicle (Year/Make/Model)	
'02/'03 Explorer Sport / Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
Page **1 of 1**	Revision Date **5/30/03**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'03 Explorer Sport Trac	
Equipment or Trim level **ALL**	System(s) applicable to: **Preload**
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DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Driver Door Ajar Switch (YELLOW/BLACK) (-)

DRIVER DOOR JAMB BOOT HARNESS

***NOTE: This connection is only needed when using Lot Management remotes.**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+)

Starter (RED/BLUE) (+)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
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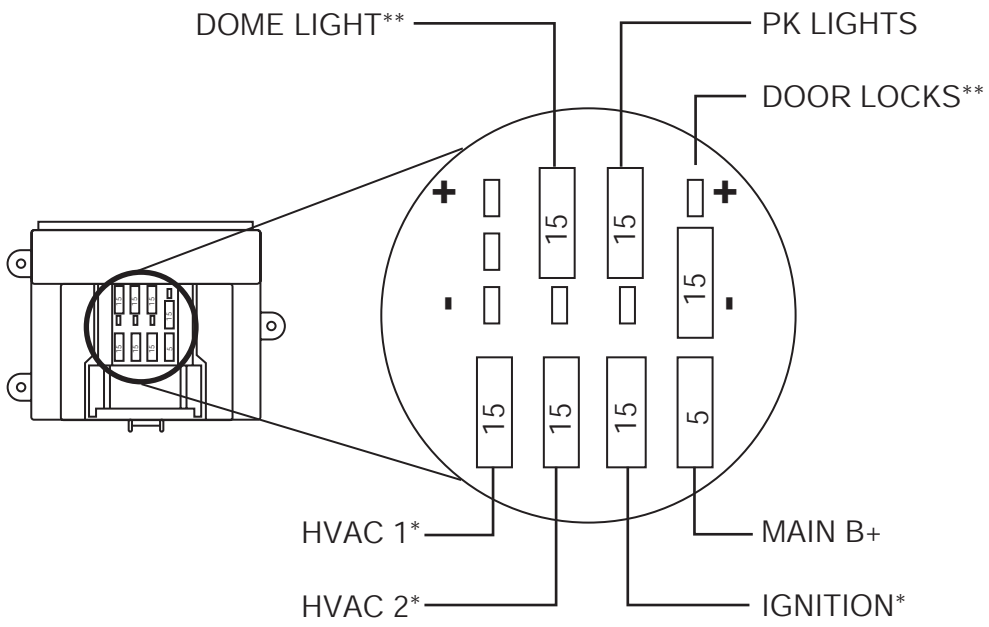
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2004-2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - REAR DEFROST (OPTIONAL)
1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR UNLOCK PRIORITY (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Negative
Key in Sense polarity	Negative (Default setting)
Aux 2 (Rear Defrost)	10 min.

MODULE MOUNTING LOCATION:

Above hood release cable near bulkhead panel, in front of emergency brake.

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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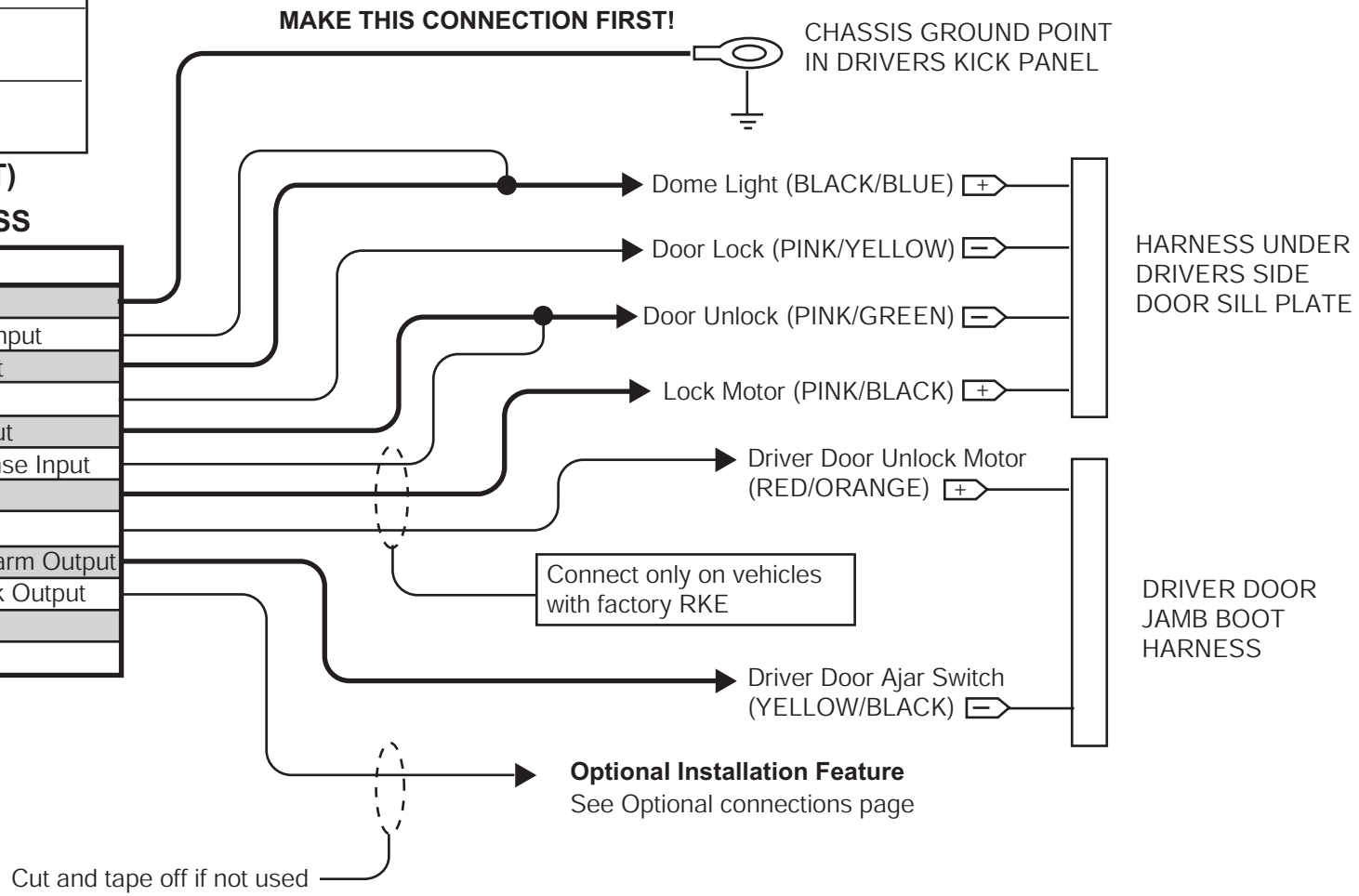
(NOTE: ALSO INCLUDES RKE/RMST)

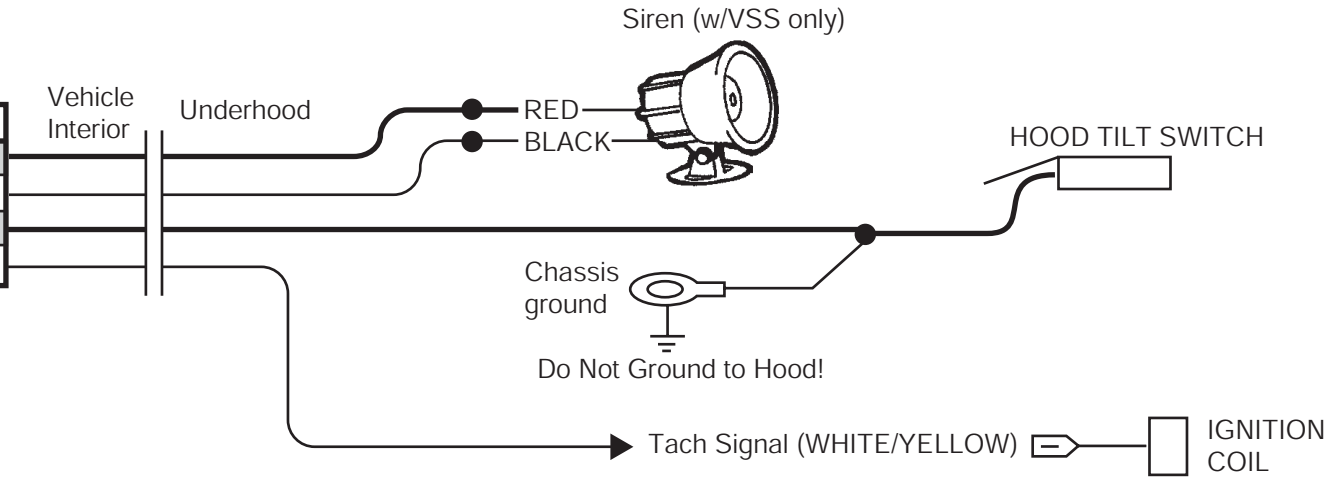
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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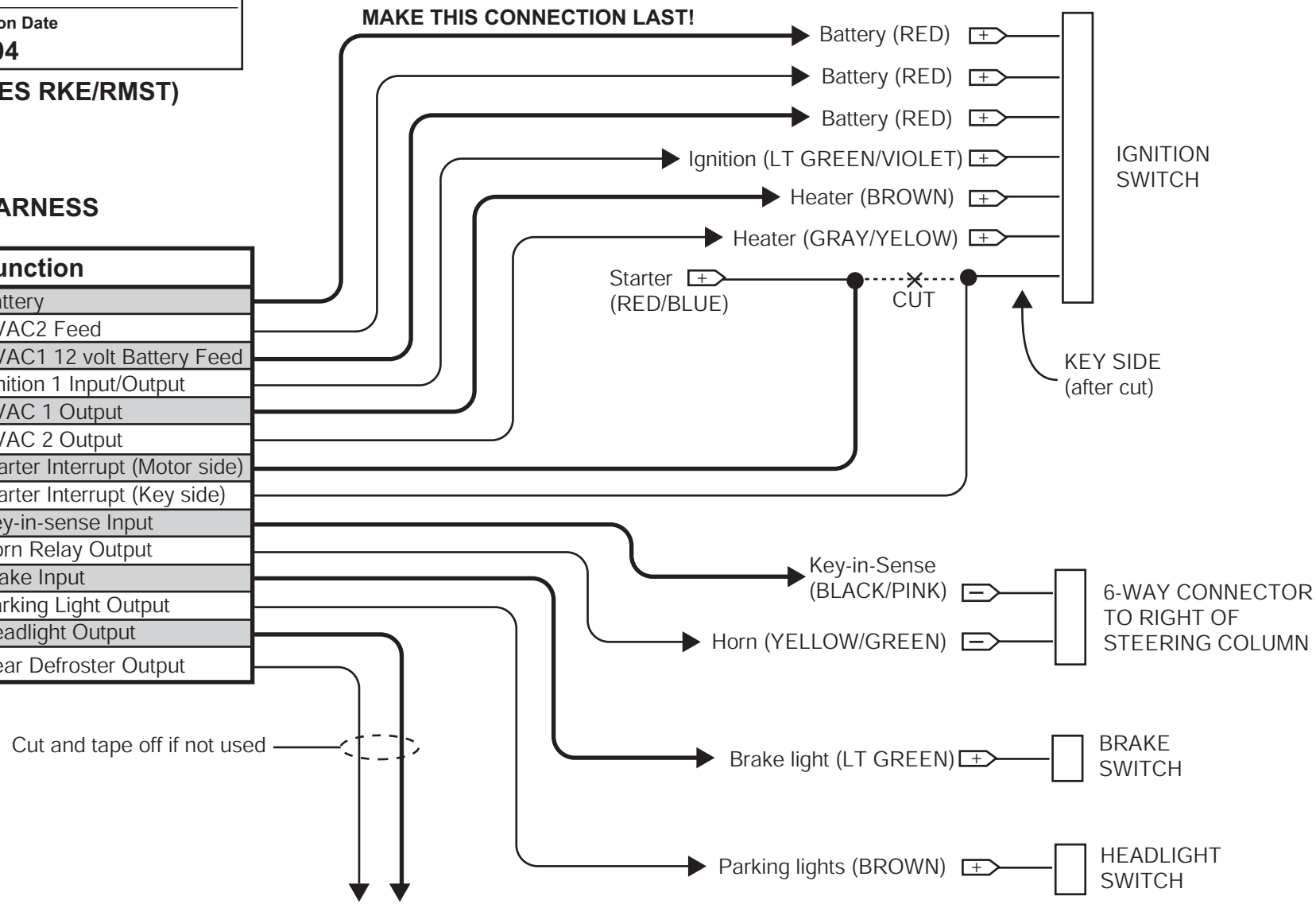
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

Note:
Parking light circuit can also be found in the wiring harness that runs underneath the driver's side door sill plate. Wire changes to BROWN (+).

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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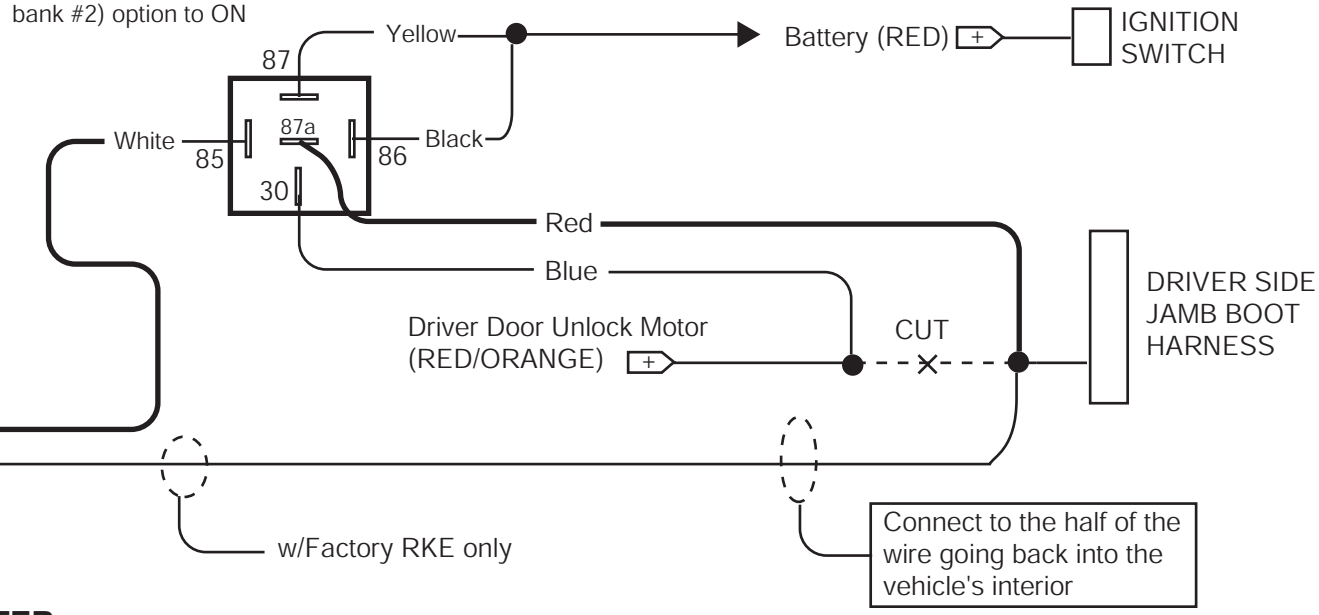
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

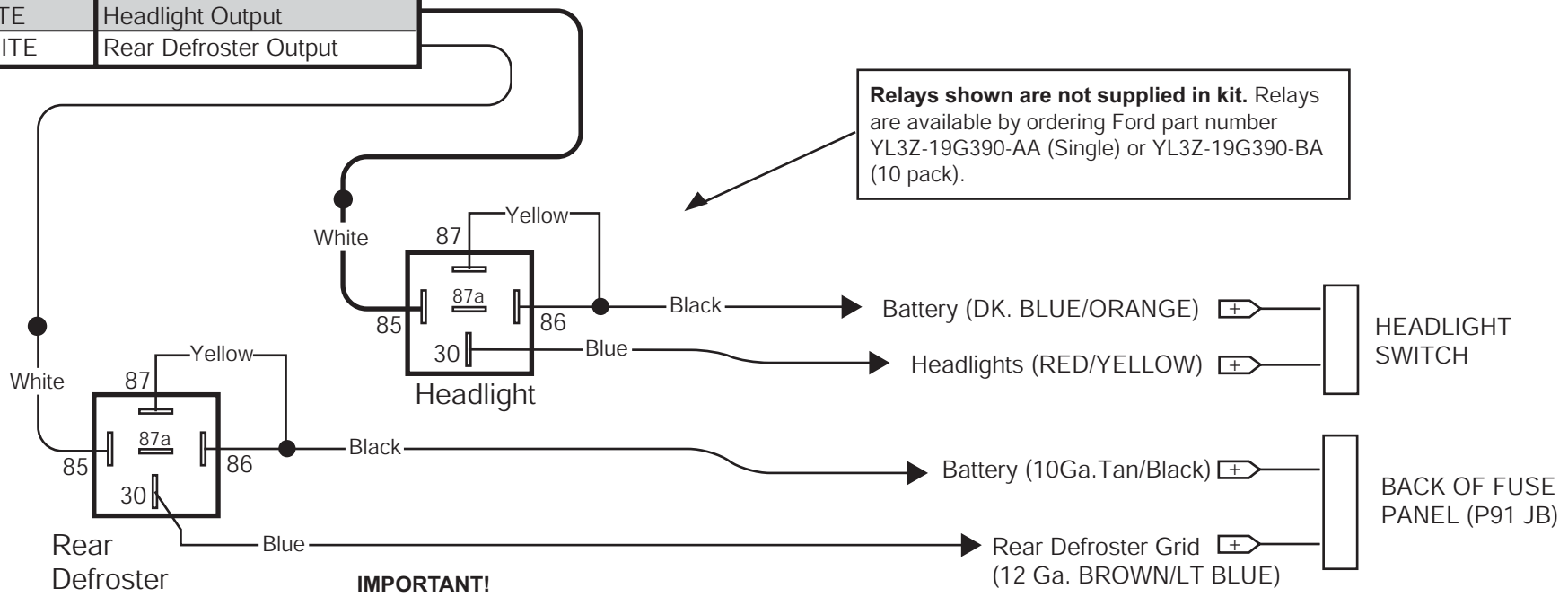
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (RED) (+)
Battery (RED) (+)
Battery (RED) (+)
Ignition (GREEN/VIOLET) (+)
Heater (BROWN) (+)
Heater (GRAY?YELLOW) (+)
Starter (RED/BLUE) (+) — CUT

IGNITION SWITCH

KEY SIDE (after cut)

Key-in-Sense (BLACK/PINK) (−)
Horn (YELLOW/GREEN) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Brake light (GREEN) (+)

BRAKE SWITCH

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire color changes to BROWN (+).

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (WHITE/YELLOW) (−)

IGNITION COIL

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

Dome Light (BLACK/BLUE) (+)
Door Lock (PINK/YELLOW) (−)
Door Unlock (PINK/GREEN) (−)
Lock Motor (PINK/BLACK) (+)

HARNESS UNDER
DRIVERS SIDE
DOOR SILL PLATE

Driver Door Unlock Motor
(RED/ORANGE) (+)

Connect only on vehicles
with factory RKE

Driver Door Ajar Switch
(YELLOW/BLACK) (−)

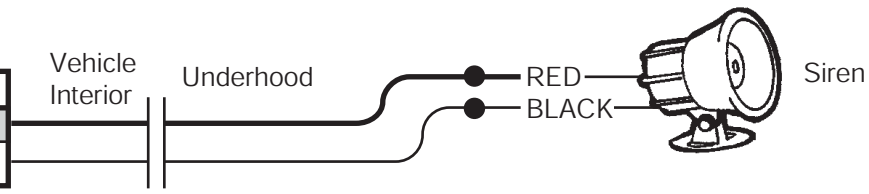
DRIVER DOOR
JAMB BOOT
HARNESS

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (GREEN/VIOLET) (+)

IGNITION SWITCH

Starter (+) (RED/BLUE)

CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−)

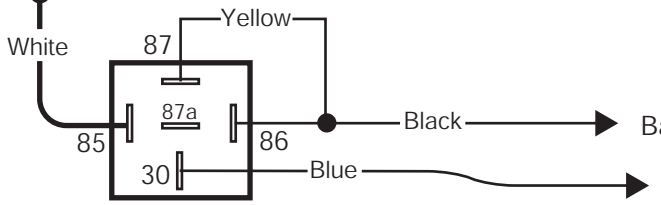
6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire changes to BROWN (+).



Battery (DK. BLUE/ORANGE) (+)

Headlights (RED/YELLOW) (+)

HEADLIGHT SWITCH

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate. Wire changes to BROWN (+).

Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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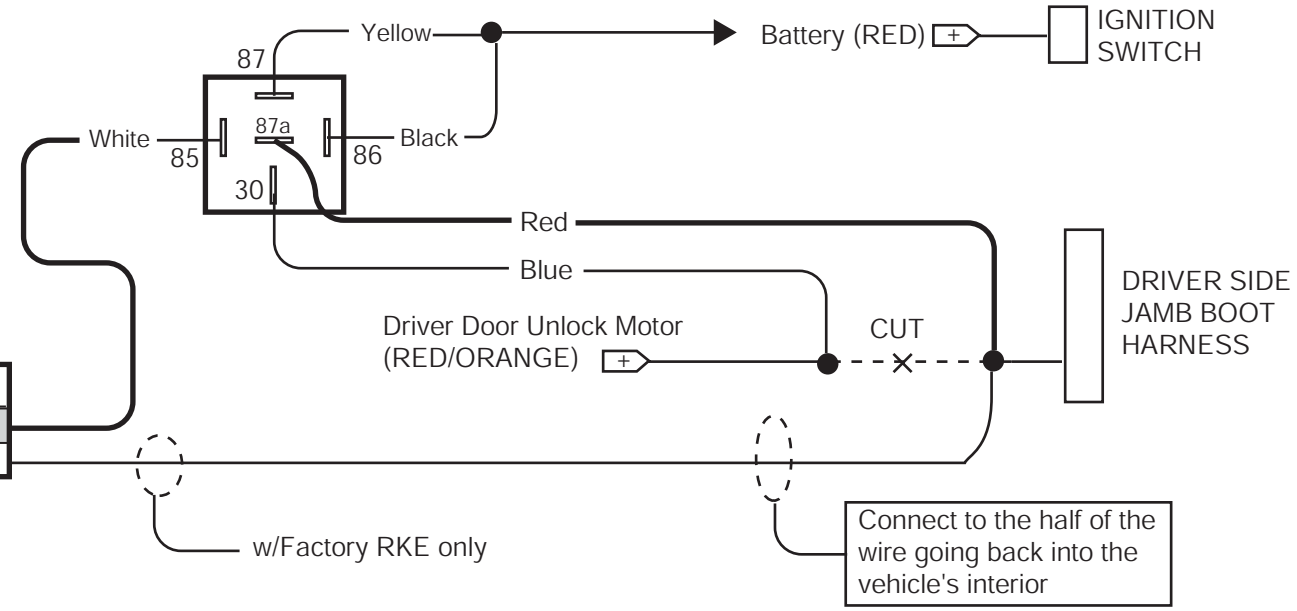
NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS



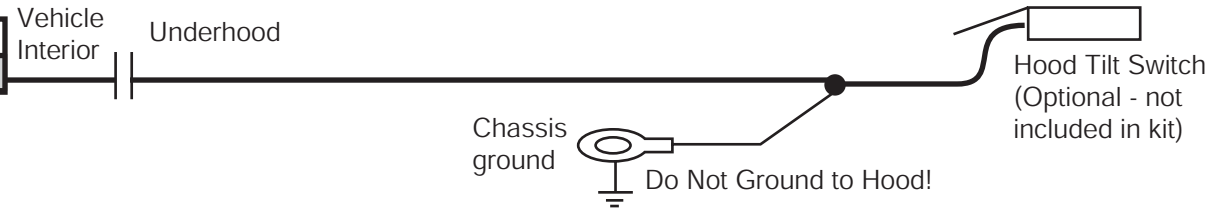
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS & RKE**
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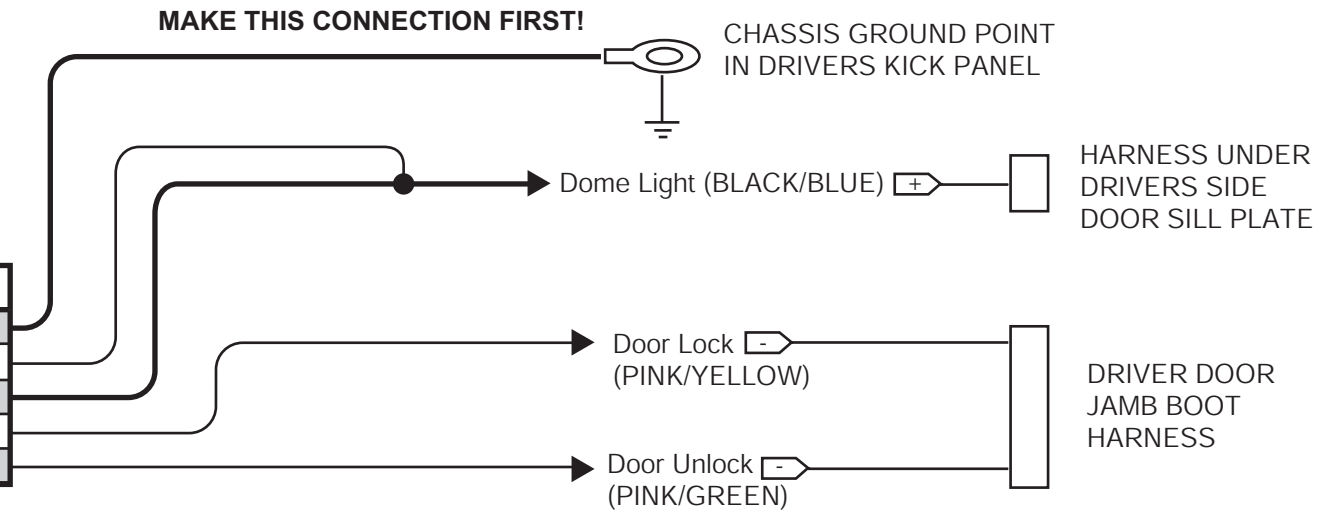
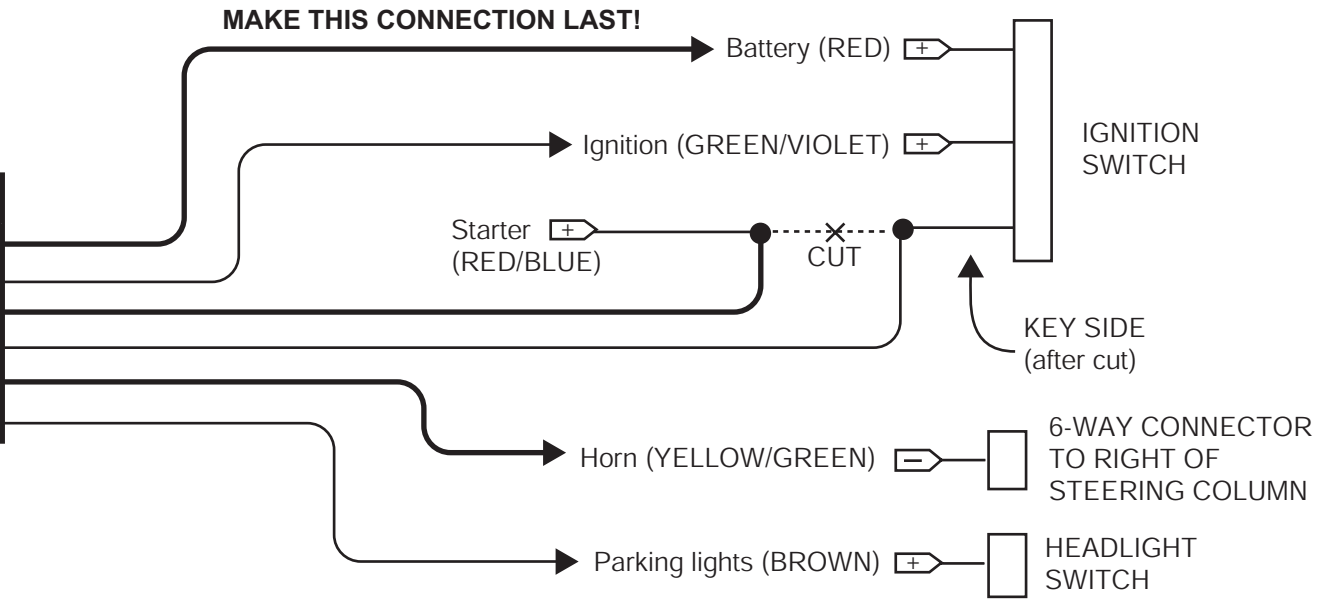
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
Page	**Revision Date**
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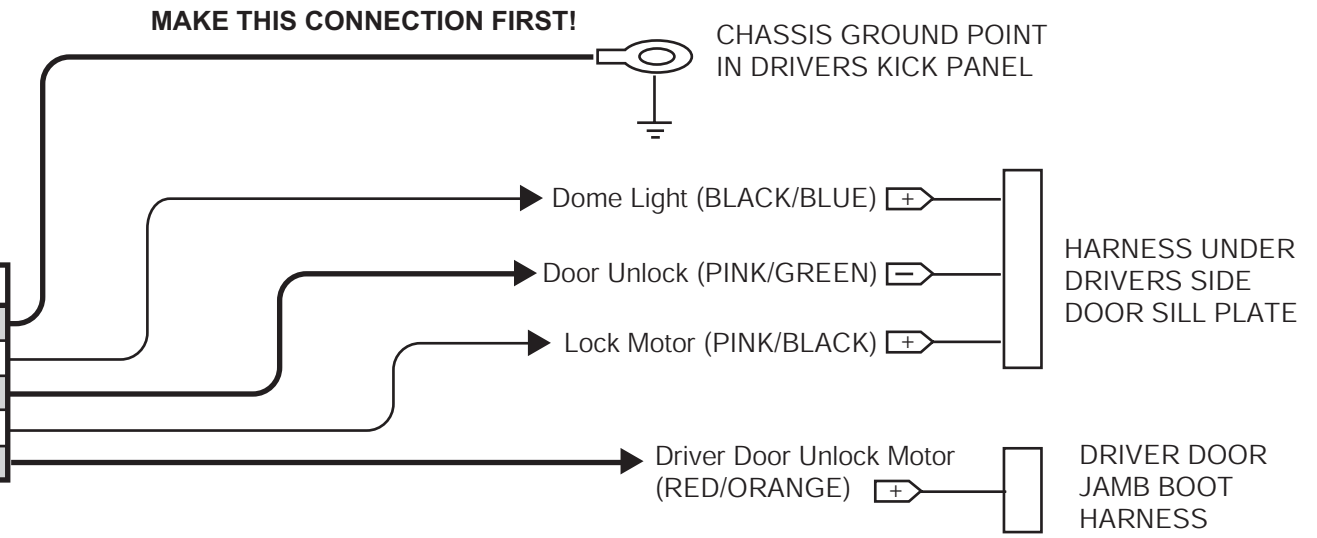
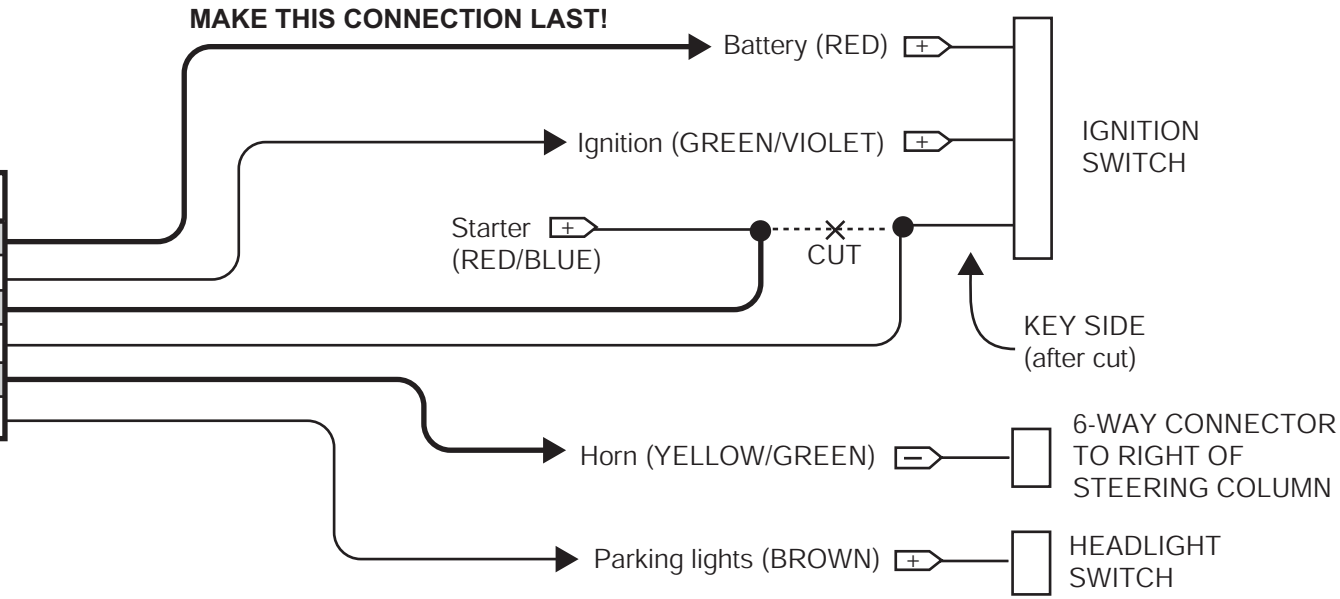
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS & RKE/VSS**
Page	**Revision Date**
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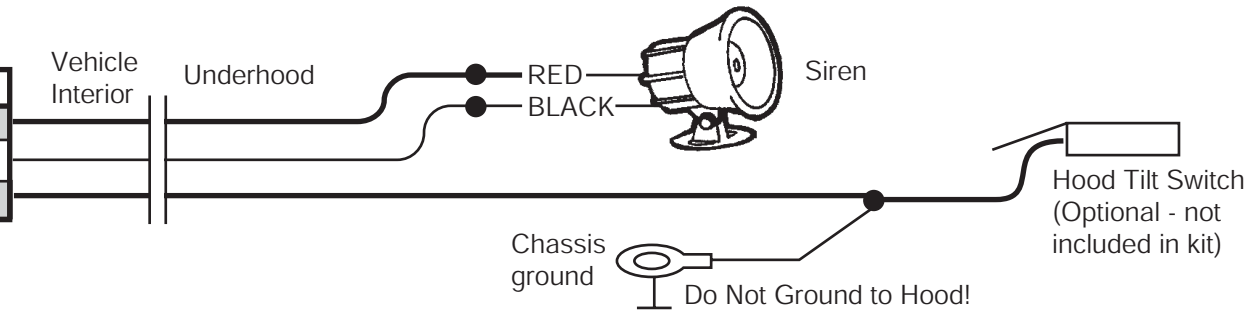
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04/'05 Explorer Sport/Sport Trac	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Preload**
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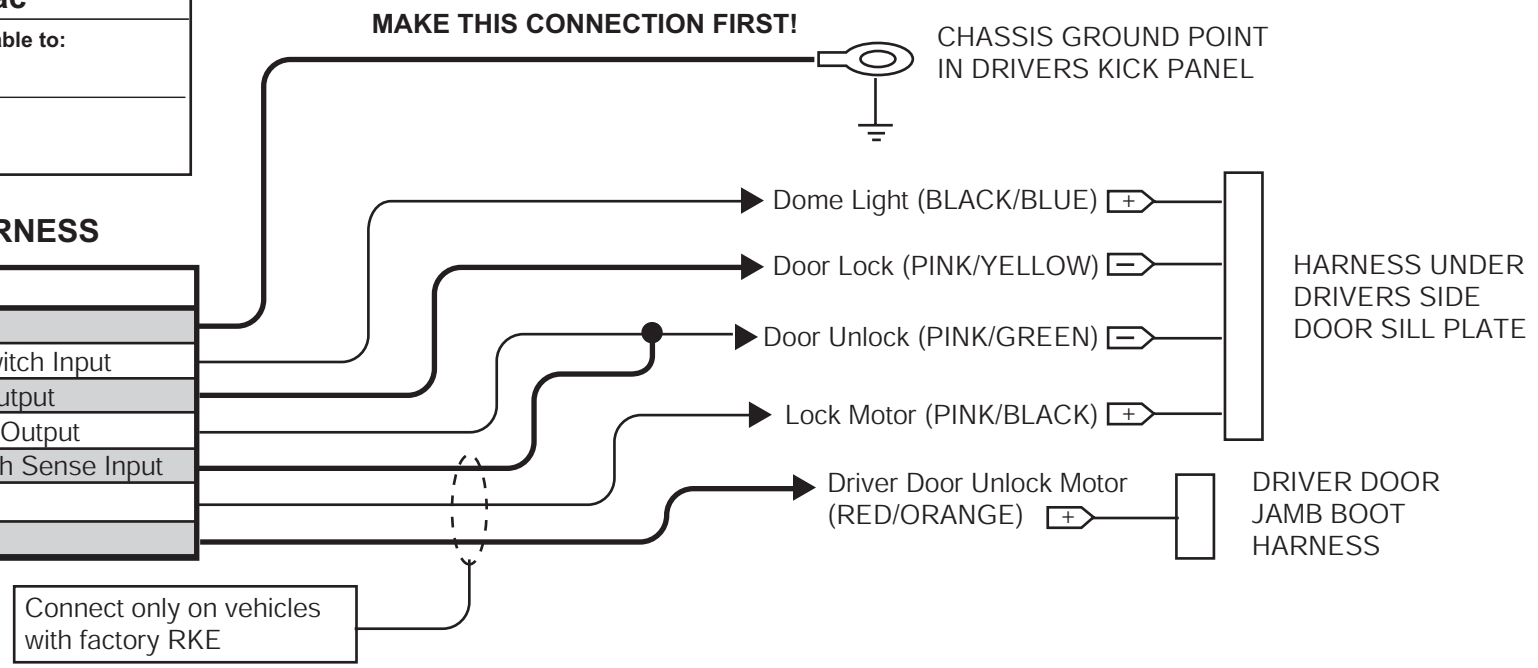
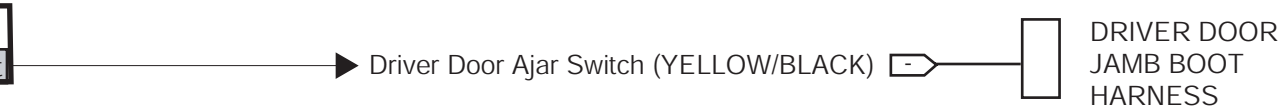
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input



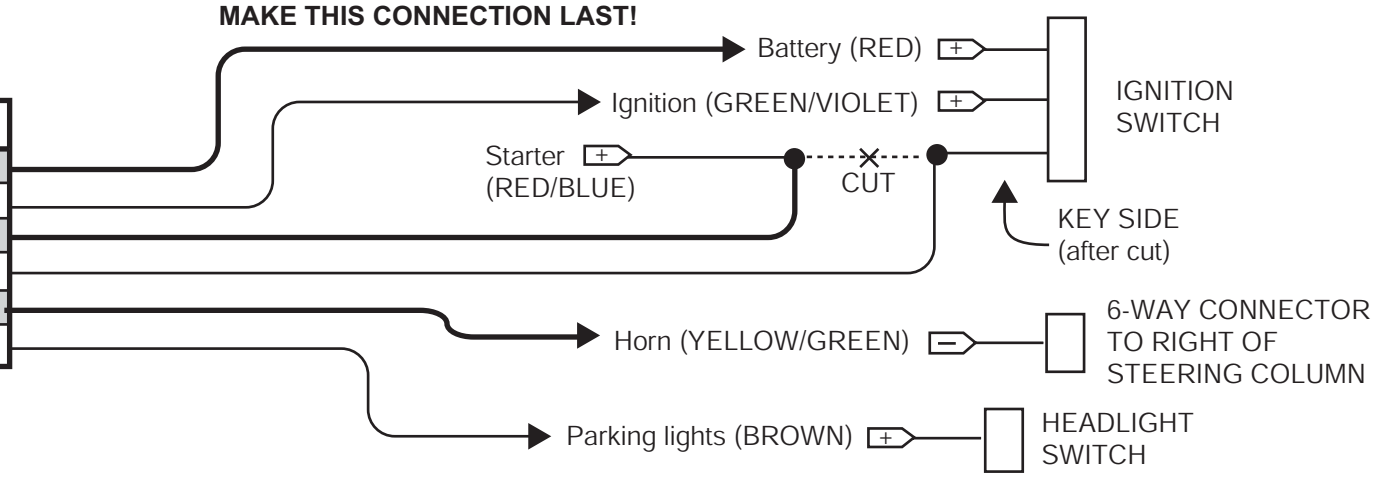
	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output



***NOTE: This connection is only needed when using Lot Management remotes. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
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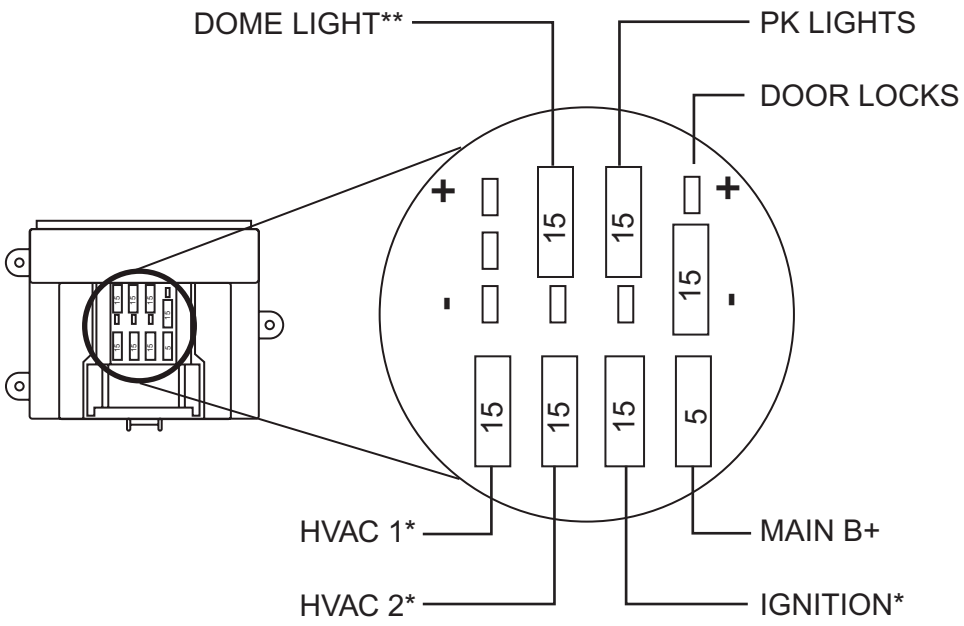
F-150 Classic (Classic Body Style)

FUSE PLACEMENT CHART



* Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system.

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L3Z-19G365-AB
2003: 1L3Z-19G365-AB
2004: 1L3Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)
2 - DOOR LOCK/UNLOCK VEHICLES w/o RKE

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

Driver side kick panel high, near bulkhead panel.

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
W/Factory RKE	**RKE/VSS/RMST**
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(NOTE: ALSO INCLUDES RKE/RMST)

F-150 Classic (Classic Body Style)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
C-4	LT.GREEN/BALCK	Perimeter Alarm Disarm
A-24	BLUE/GREEN	Driver Door Unlock Output

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

KEYLESS ENTRY MODULE LEFT OF BRAKE PEDAL

Dome Light **MY 2002** (BLACK/BLUE) (+)

Dome Light **MY 2003/2004** (BLACK/BLUE) (+)

HARNESS ABOVE DRIVERS KICK PANEL

PASSENGER SIDE KICK PANEL

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Driver Door Latch Switch (BLACK/YELLOW) (−)

DRIVER KICK PANEL

Siren (w/VSS only)

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
W/O Factory RKE	**RKE/VSS/RMST**
Page	Revision Date
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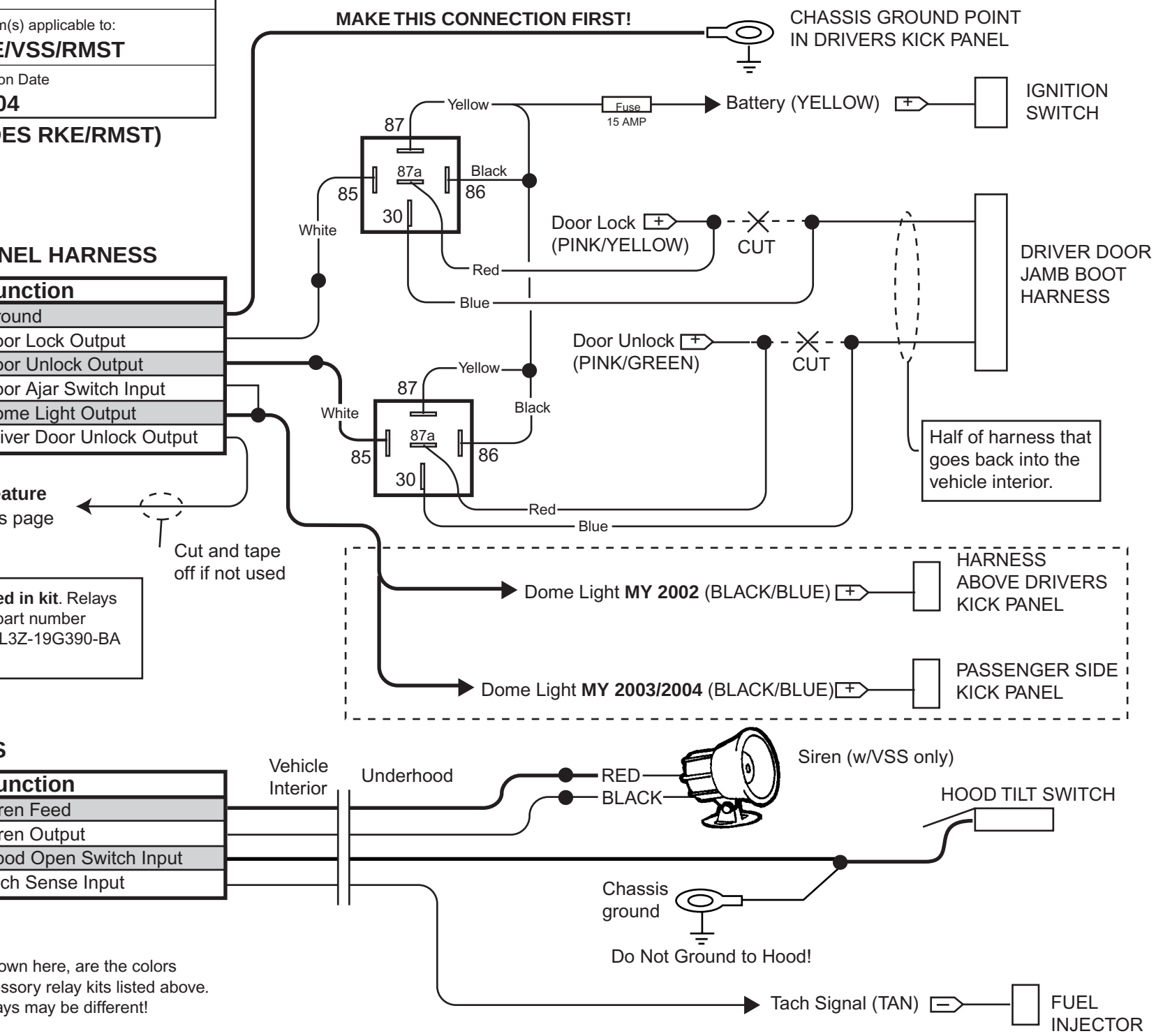
(NOTE: ALSO INCLUDES RKE/RMST)

F-150 Classic (Classic Body Style)



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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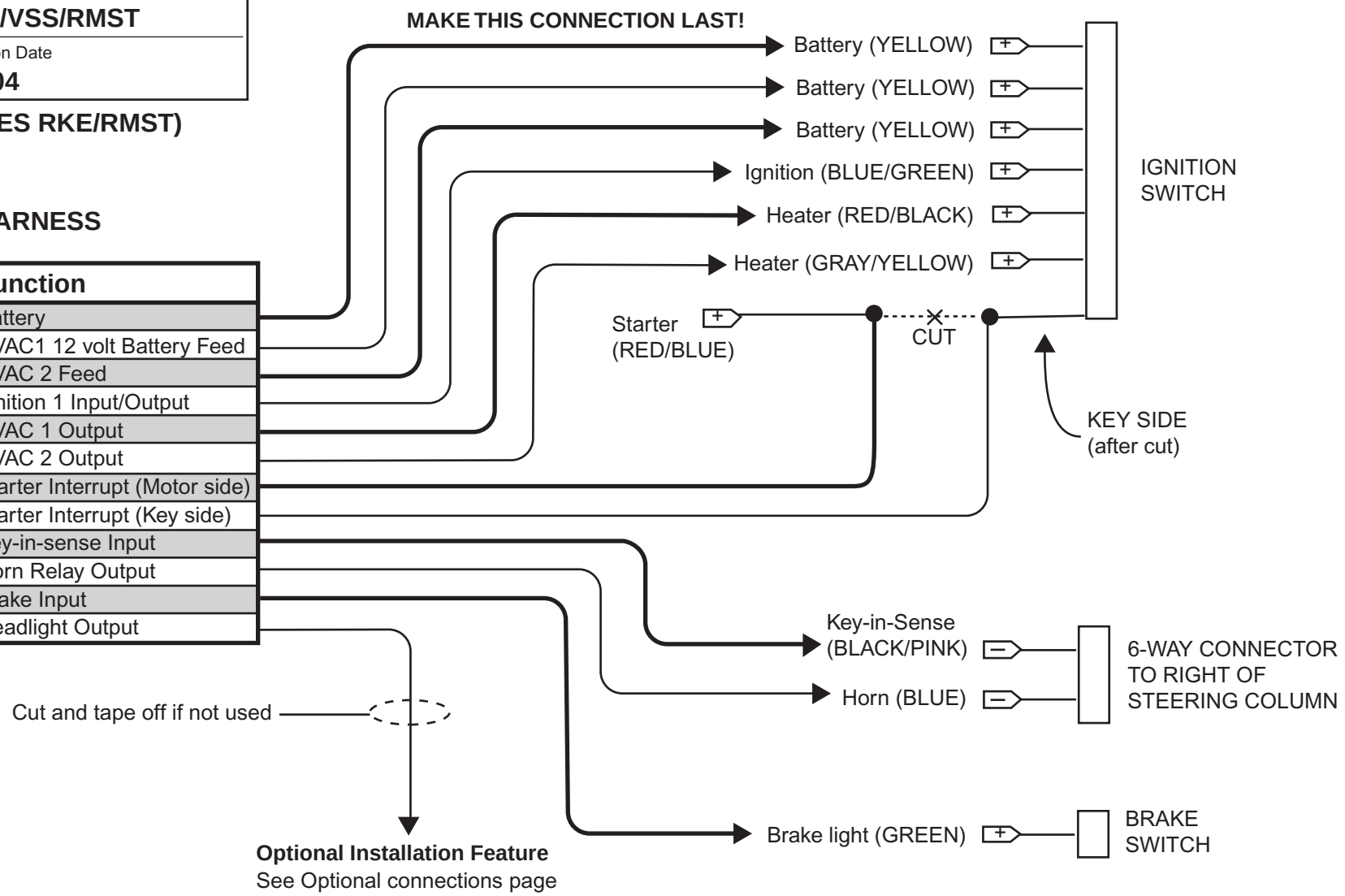
(NOTE: ALSO INCLUDES RKE/RMST)

F-150 Classic (Classic Body Style)



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 12 volt Battery Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Parking Light Output

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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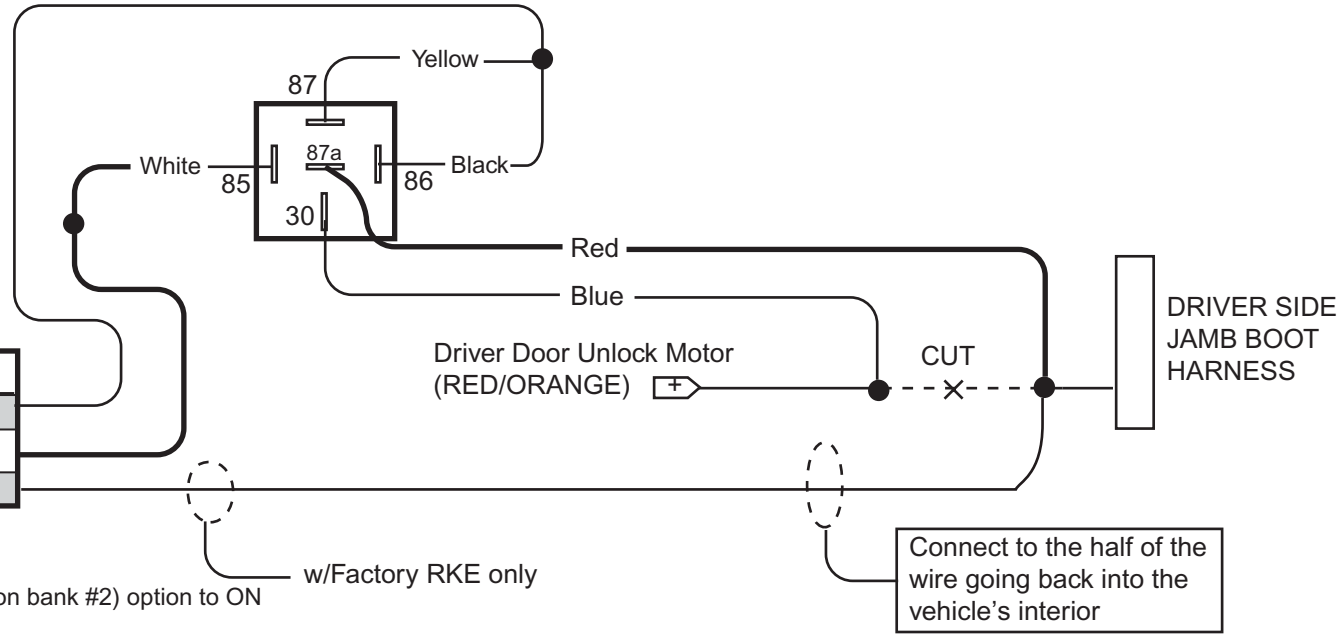
F-150 Classic (Classic Body Style)

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

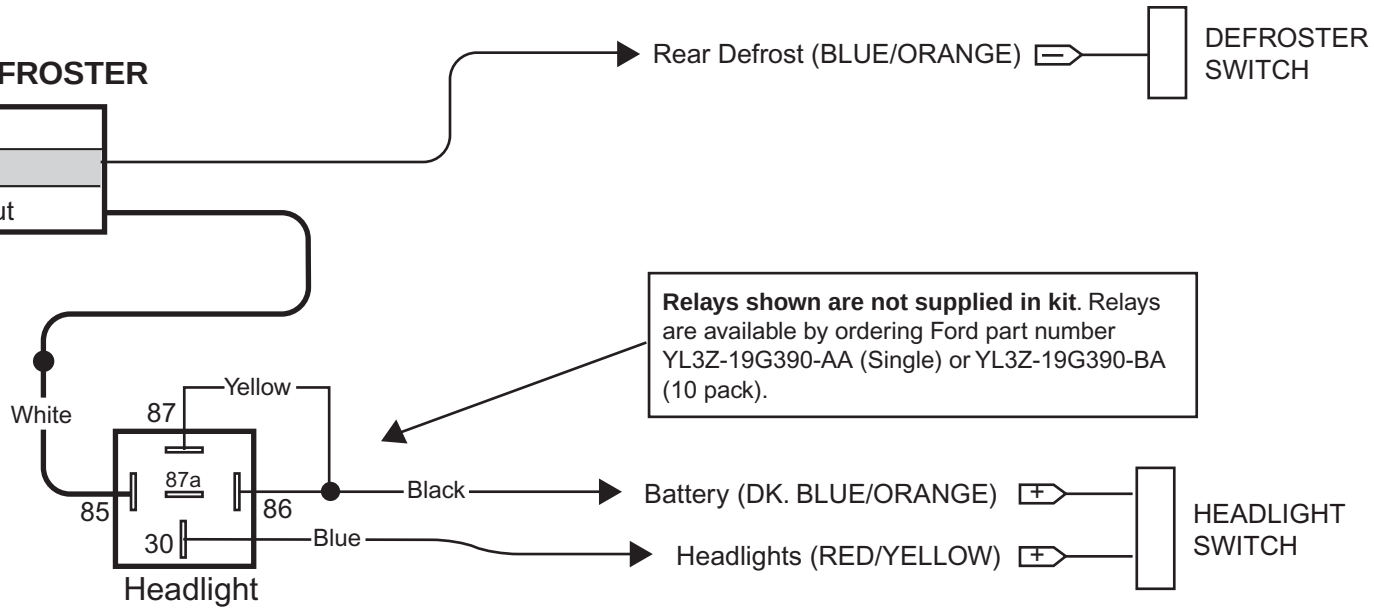
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 12 volt Battery Feed
B-1	BLUE	HVAC 2 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input

HEADLIGHT SWITCH

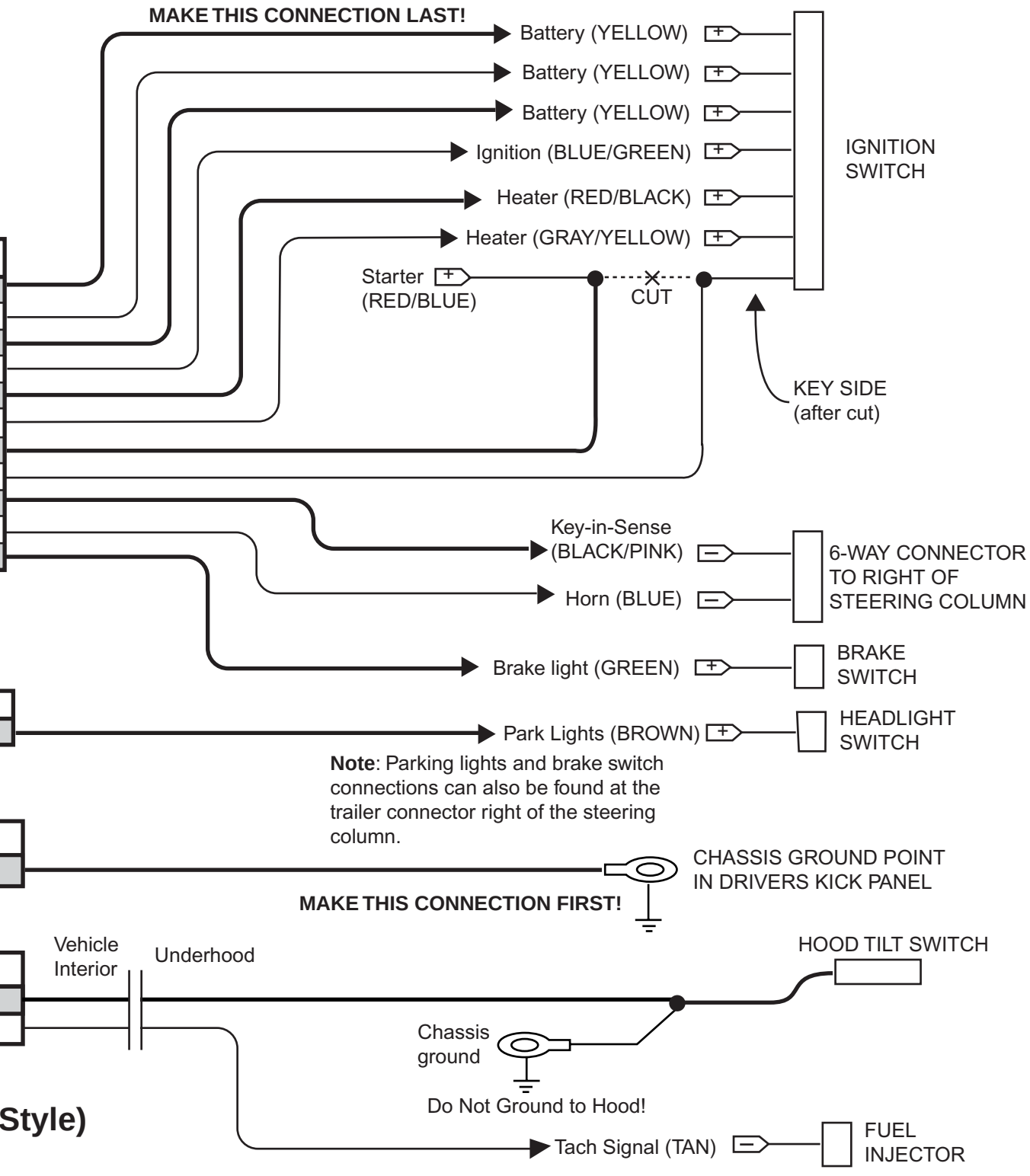
	Color	Function
A-1	WHITE	Parking Light Output

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



F-150 Classic (Classic Body Style)

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level **W/Factory RKE**	System(s) applicable to: **Deluxe RKE/VSS**
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F-150 Classic (Classic Body Style)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**
C-4	LT.GREEN/BALCK	Perimeter Alarm Disarm

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Passenger Door Unlock (PINK/ORANGE) (+)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Driver Door Latch Switch (BLACK/YELLOW) (−)

DRIVER KICK PANEL

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

Park Lights (BROWN) (+)

HEADLIGHT SWITCH

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

Dome Light **MY 2002** (BLACK/BLUE) (+)

HARNESS ABOVE DRIVERS KICK PANEL

Dome Light **MY 2003/2004** (BLACK/BLUE) (+)

PASSENGER SIDE KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

BLACK

Siren

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
W/O Factory RKE	**Deluxe RKE/VSS**
Page	Revision Date
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F-150 Classic (Classic Body Style)

IMPORTANT!

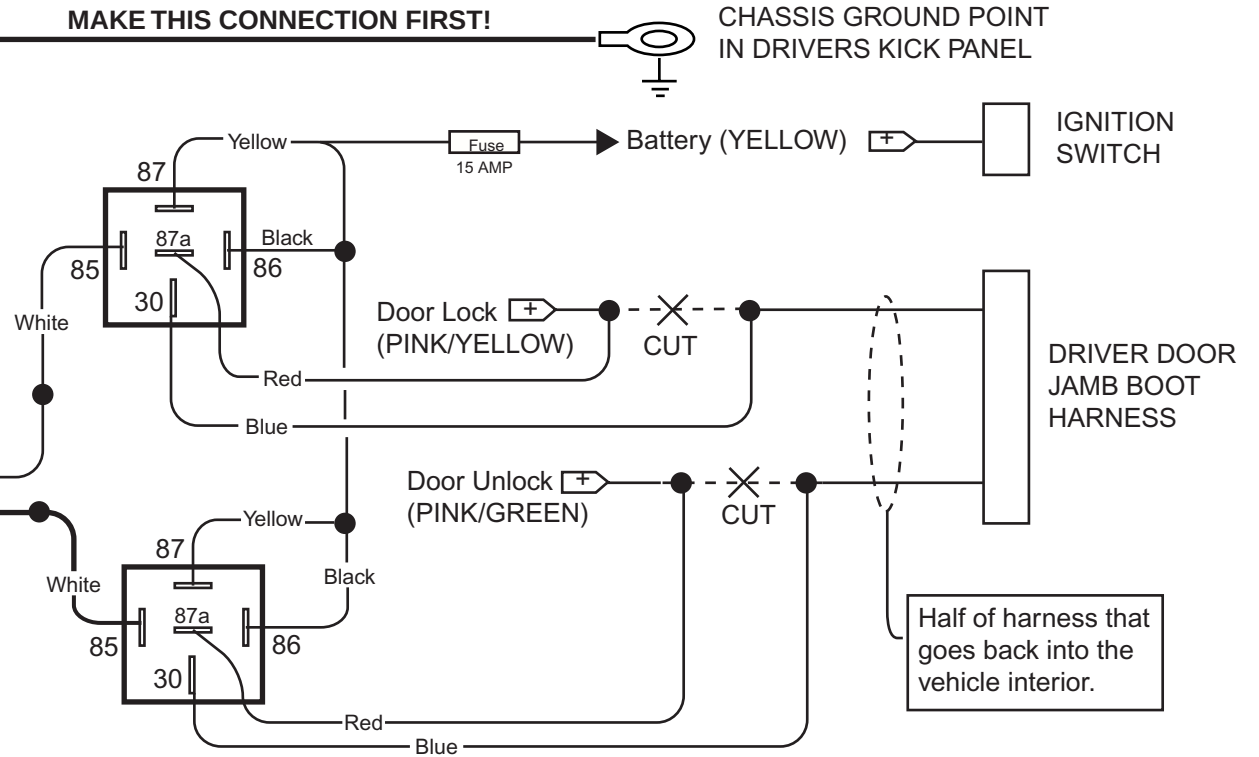
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Optional Installation Feature
See Optional connections page

Cut and tape off if not used



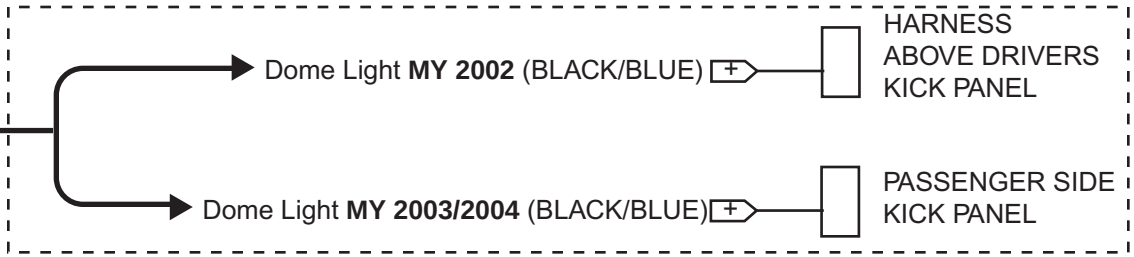
HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

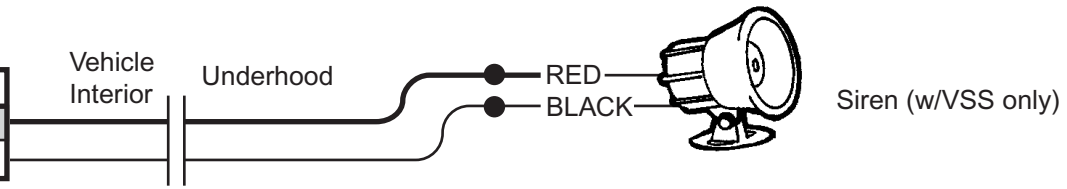
UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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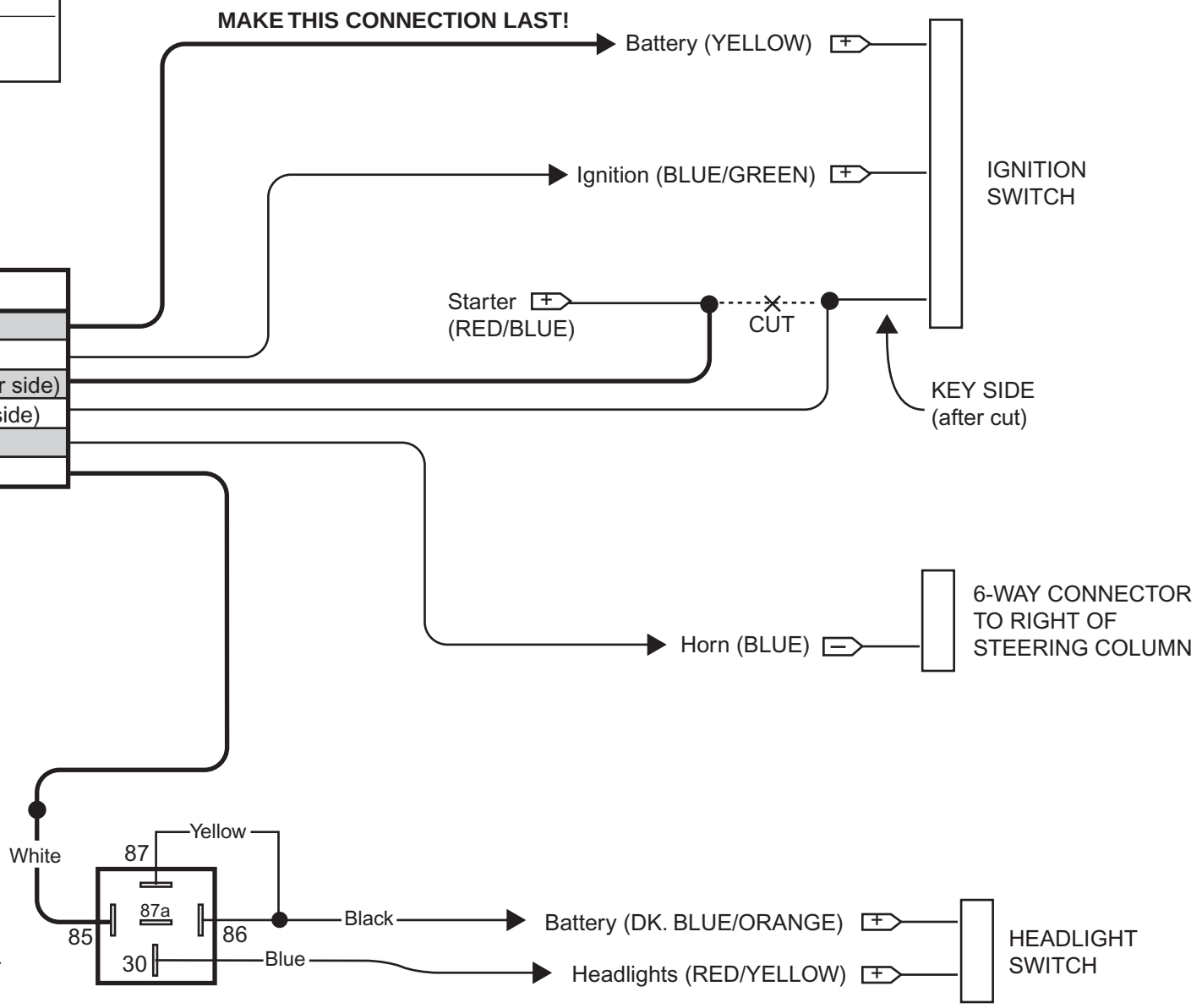
F-150 Classic (Classic Body Style)



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
C-10	RED/WHITE	Headlight Output

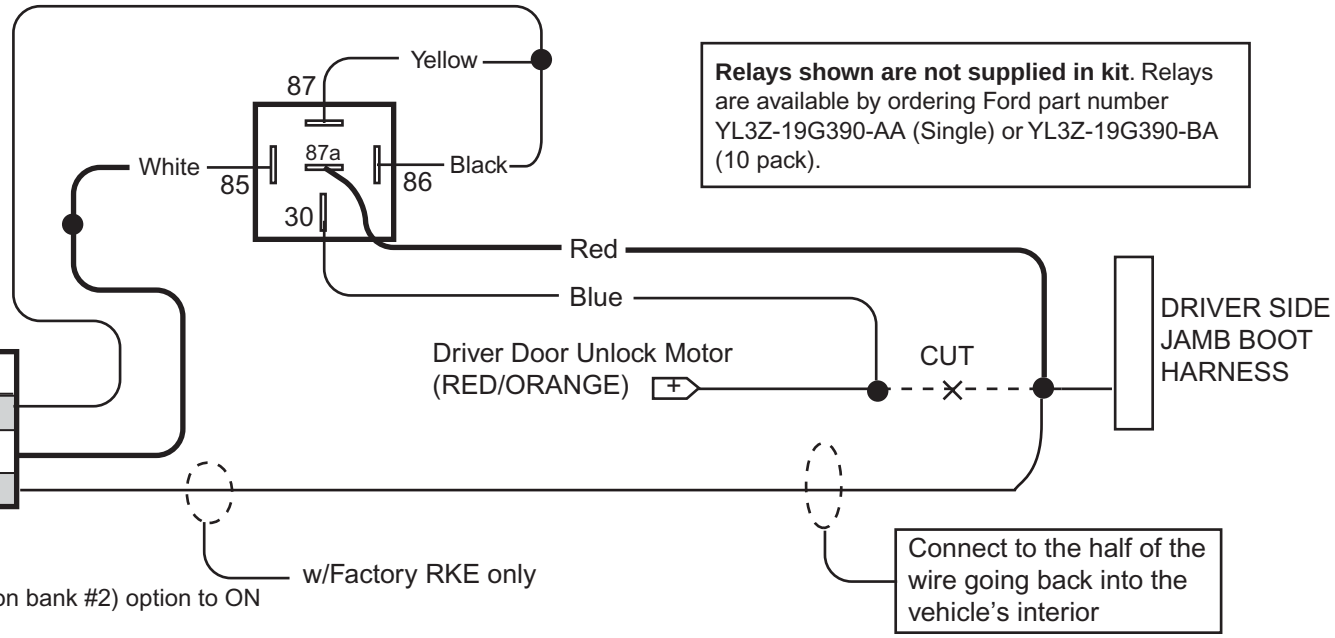
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
4 of 4	**1/5/04**

F-150 Classic (Classic Body Style)



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

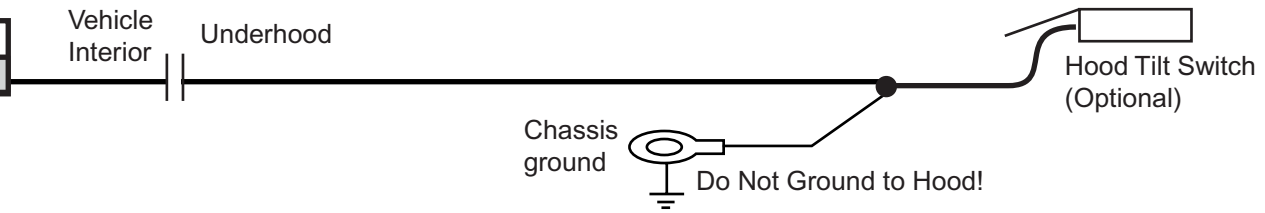
NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
Page	Revision Date
1 of 1	**1/4/05**

F-150 Classic (Classic Body Style)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

- Passenger Door Unlock (PINK/ORANGE) (+)
- Lock Motor (PINK/BLACK) (+)
- Driver Door Unlock Motor (RED/ORANGE) (+)

→ DRIVER DOOR JAMB BOOT HARNESS

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

- Dome Light **MY 2002** (BLACK/BLUE) (+) → HARNESS ABOVE DRIVERS KICK PANEL
- Dome Light **MY 2003/2004** (BLACK/BLUE) (+) → PASSENGER SIDE KICK PANEL

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

- Battery (YELLOW) (+)
- Ignition (BLUE/GREEN) (+)
- Starter (RED/BLUE) (+) — CUT

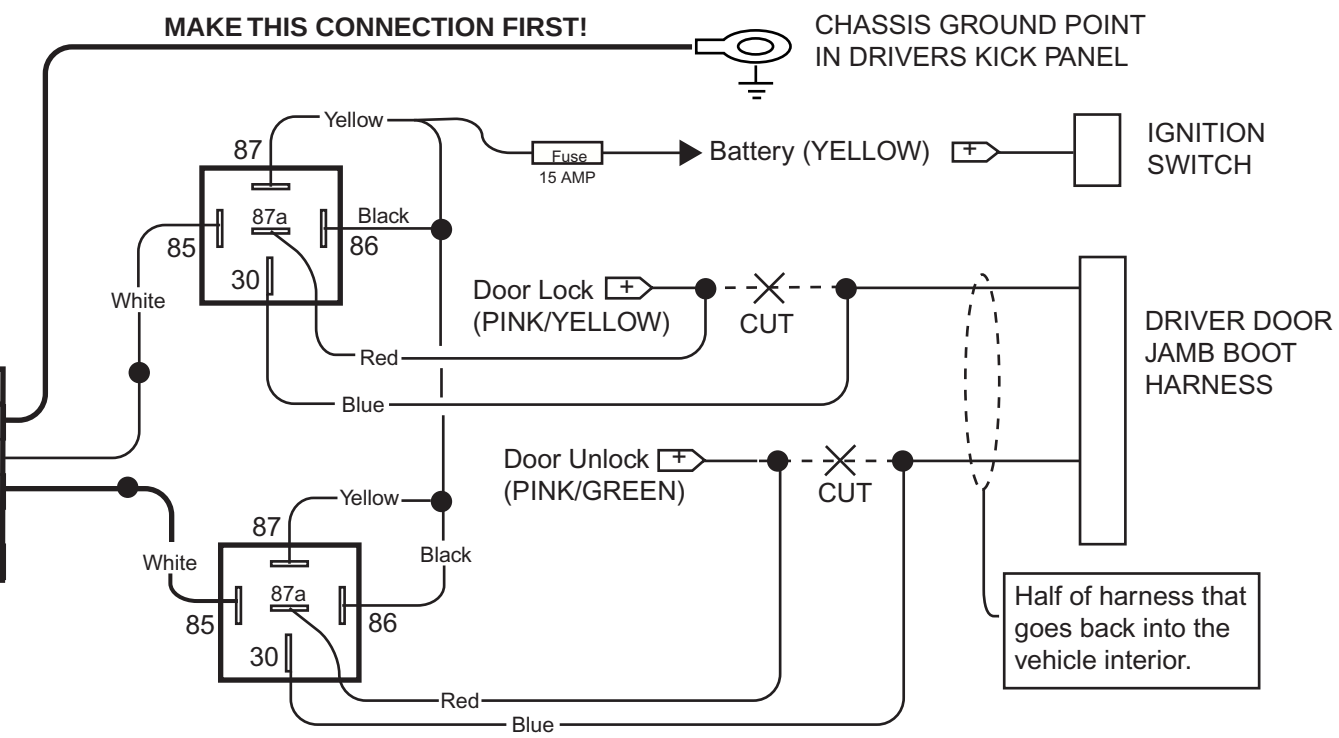
→ IGNITION SWITCH

KEY SIDE (after cut)

- Horn (BLUE) (−) → 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN
- Parking lights (BROWN) (+) → HEADLIGHT SWITCH

Note: Parking lights and brake switch connections can also be found at the trailer connector right of the steering column.

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE/VSS & RKE**
Page	Revision Date
1 of 1	**1/5/04**

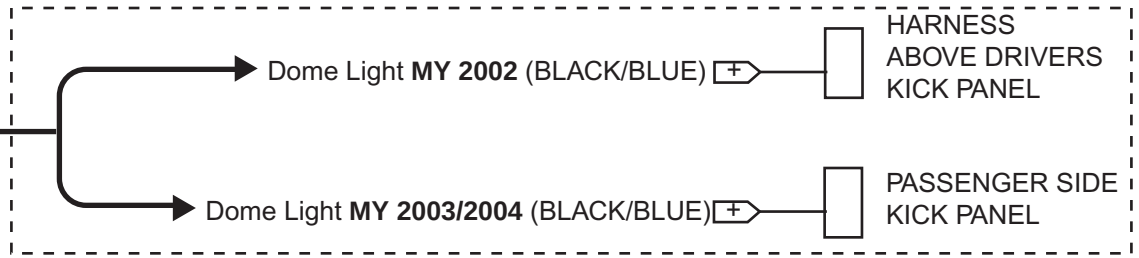


DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

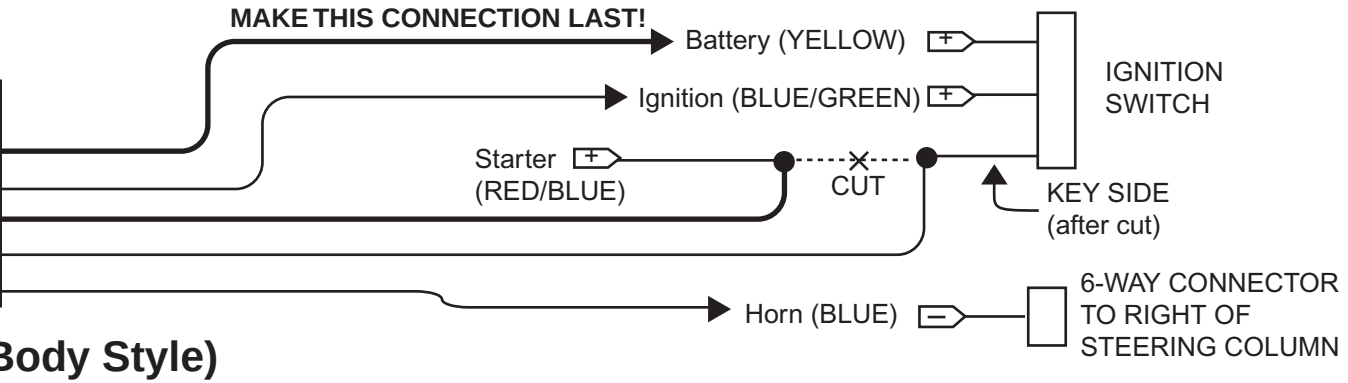


HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



F-150 Classic (Classic Body Style)

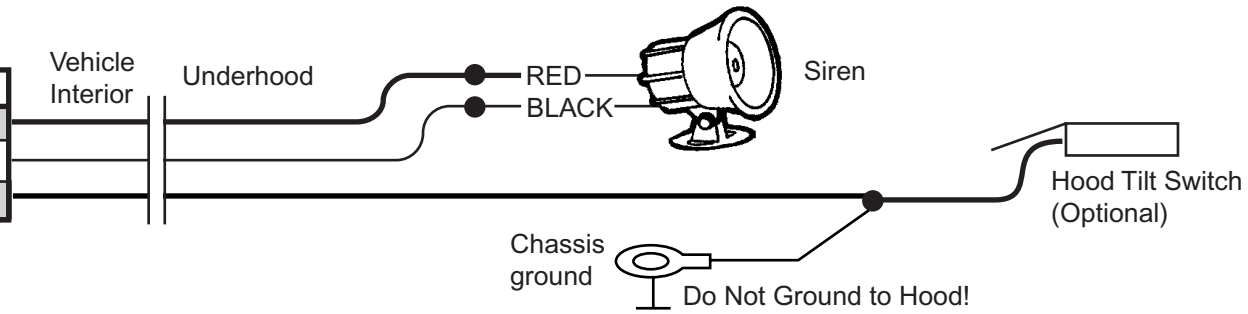
Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
Page **1 of 1**	Revision Date **5/30/03**

F-150 Classic (Classic Body Style)

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 F-150	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**Preload**
Page	Revision Date
1 of 1	**1/5/04**

F-150 Classic (Classic Body Style)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT.GREEN/BALCK	Perimeter Alarm Disarm

- Door Lock (PINK/YELLOW) (−)
- Door Unlock (PINK/GREEN) (−)
- Passenger Door Unlock (PINK/ORANGE) (+)
- Lock Motor (PINK/BLACK) (+)
- Driver Door Unlock Motor (RED/ORANGE) (+)

→ DRIVER DOOR JAMB BOOT HARNESS

- Driver Door Latch Switch (BLACK/YELLOW) (−) → DRIVER KICK PANEL

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

- Dome Light **MY 2002** (BLACK/BLUE) (+) → HARNESS ABOVE DRIVERS KICK PANEL
- Dome Light **MY 2003/2004** (BLACK/BLUE) (+) → PASSENGER SIDE KICK PANEL

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

- Park Lights (BROWN) (+) → HEADLIGHT SWITCH

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

MAKE THIS CONNECTION LAST!

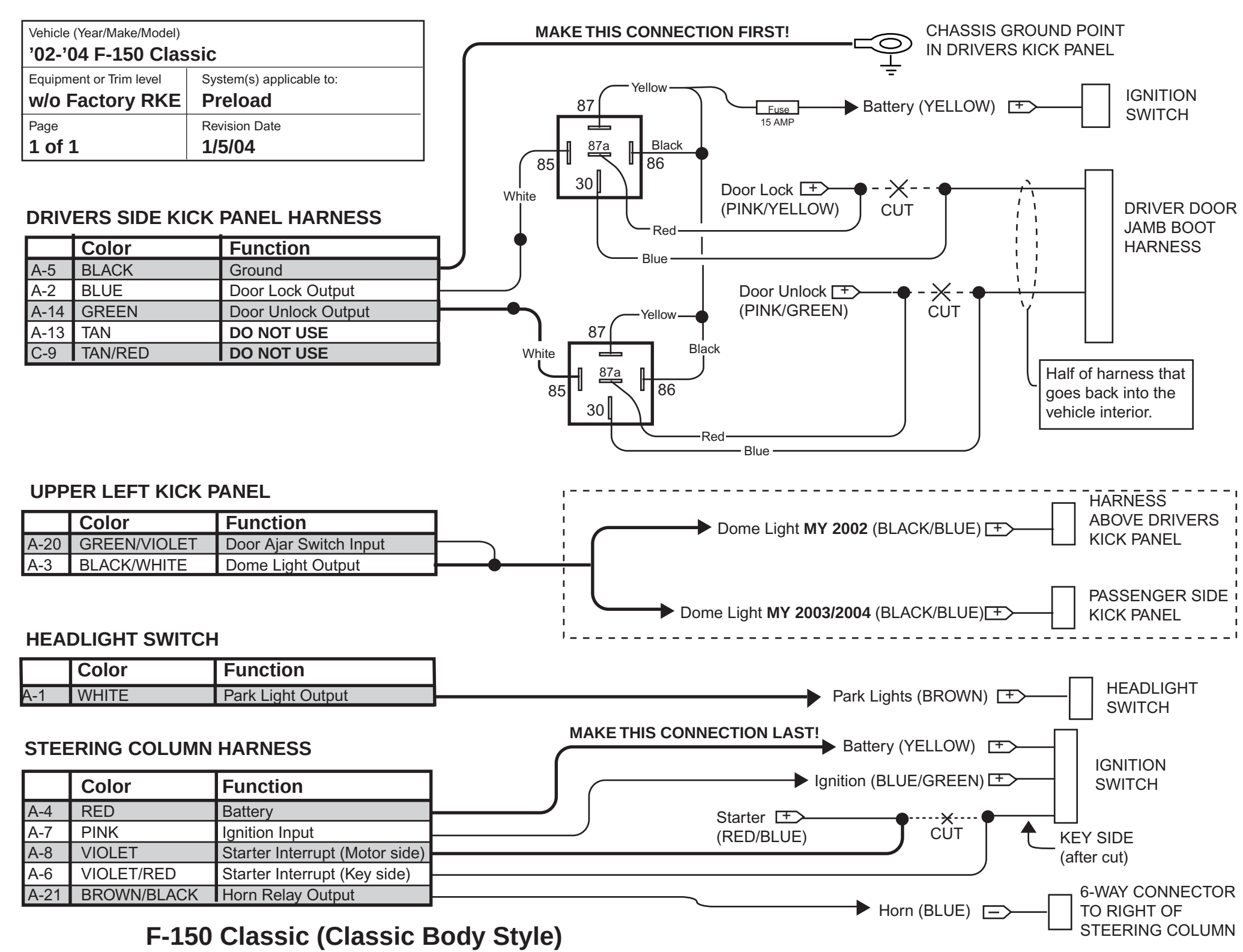
- Battery (YELLOW) (+)
- Ignition (BLUE/GREEN) (+)

→ IGNITION SWITCH

- Starter (RED/BLUE) (+) — CUT — KEY SIDE (after cut)
- Horn (BLUE) (−) → 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

F-150 Classic (Classic Body Style)

Vehicle (Year/Make/Model)	
'02-'04 F-150 Classic	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**Preload**
Page	Revision Date
1 of 1	**1/5/04**



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

UPPER LEFT KICK PANEL

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Park Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output

F-150 Classic (Classic Body Style)

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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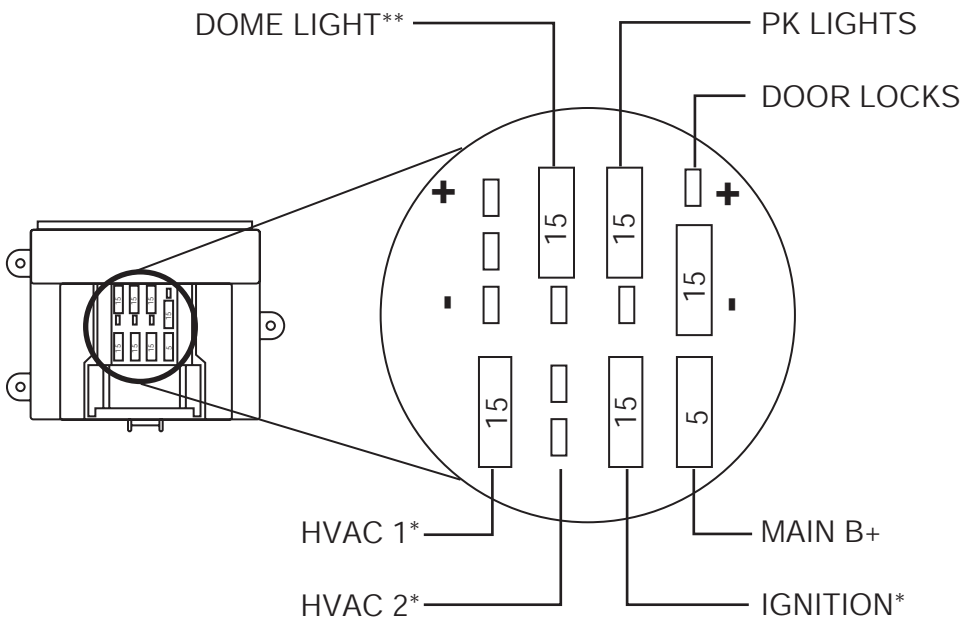
F-150 New Body Style

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

Important Note!
In order to access transmitter and option programming it will be necessary to manually turn the interior light to the ON position using the dimmer switch.

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2004-2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defroster	0.5 sec. (Default setting)

MODULE MOUNTING LOCATION:

Upper left kick panel, near parking brake assembly.

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 4**	Revision Date **7/6/04**

F-150 New Body Style

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

DRIVER SIDE KICK PANEL

Unlock Switch Sense (PINK/ORANGE) (+)

Optional Installation Feature
See Optional connections page

DRIVER SIDE REAR SILL PLATE HARNESS

Optional Installation Feature
See Optional connections page

****CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE****

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

RED
BLACK

Siren (w/VSS only)

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	System(s) applicable to:
ALL	RKE/VSS/RMST
Page	Revision Date
2 of 4	7/6/04

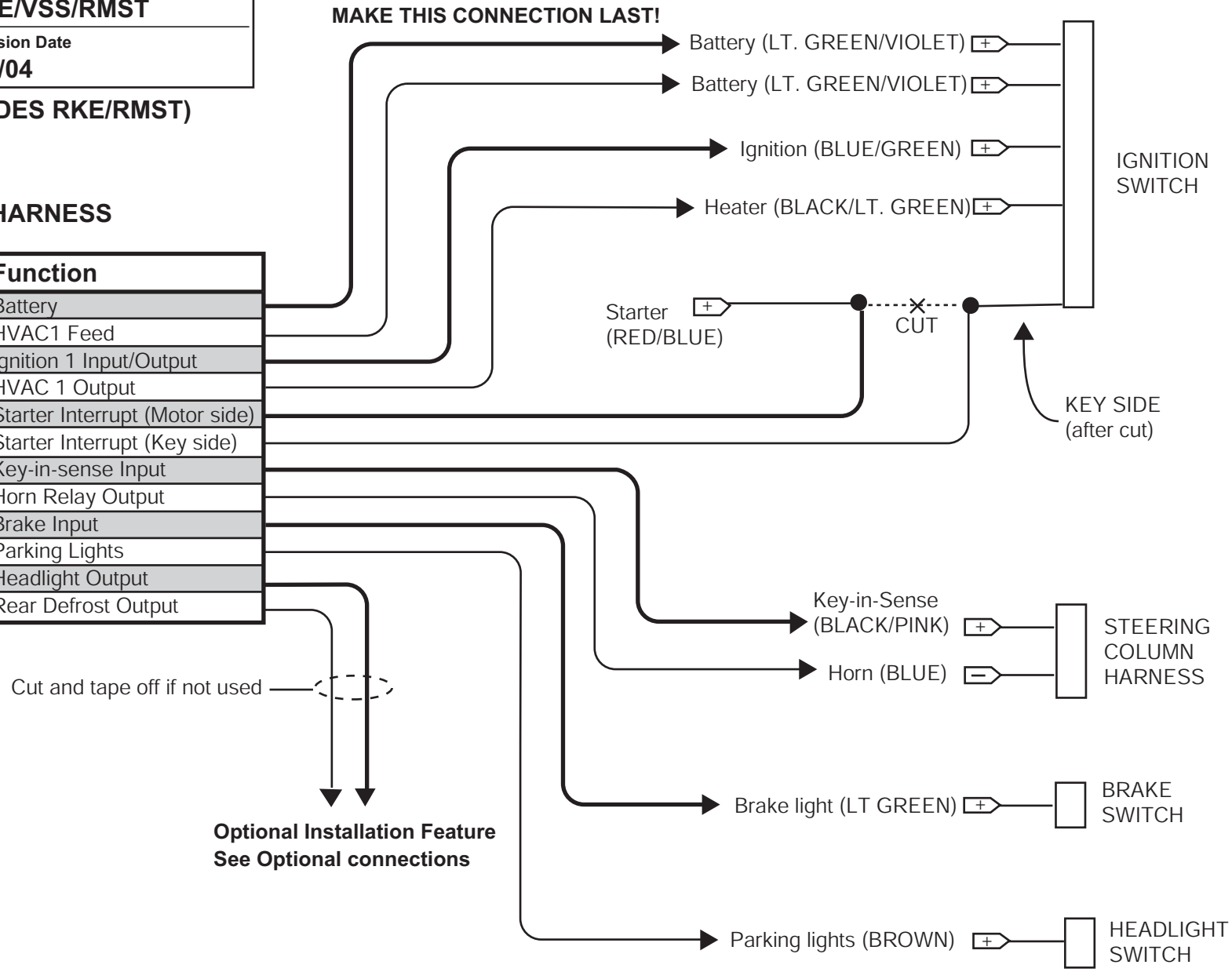
(NOTE: ALSO INCLUDES RKE/RMST)

F-150 New Body Style

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Lights
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defrost Output



Optional Installation Feature
See Optional connections

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 4	**7/6/04**

F-150 New Body Style

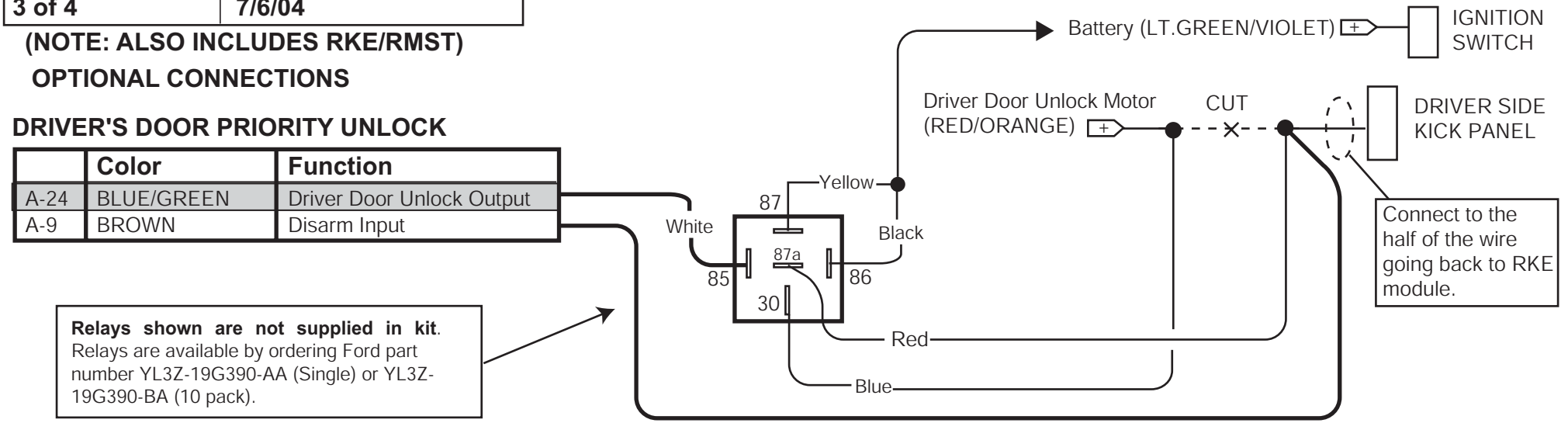
NOTE:
Program the "Driver's door priority unlock" (Option #1, Option bank #2) option to ON

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

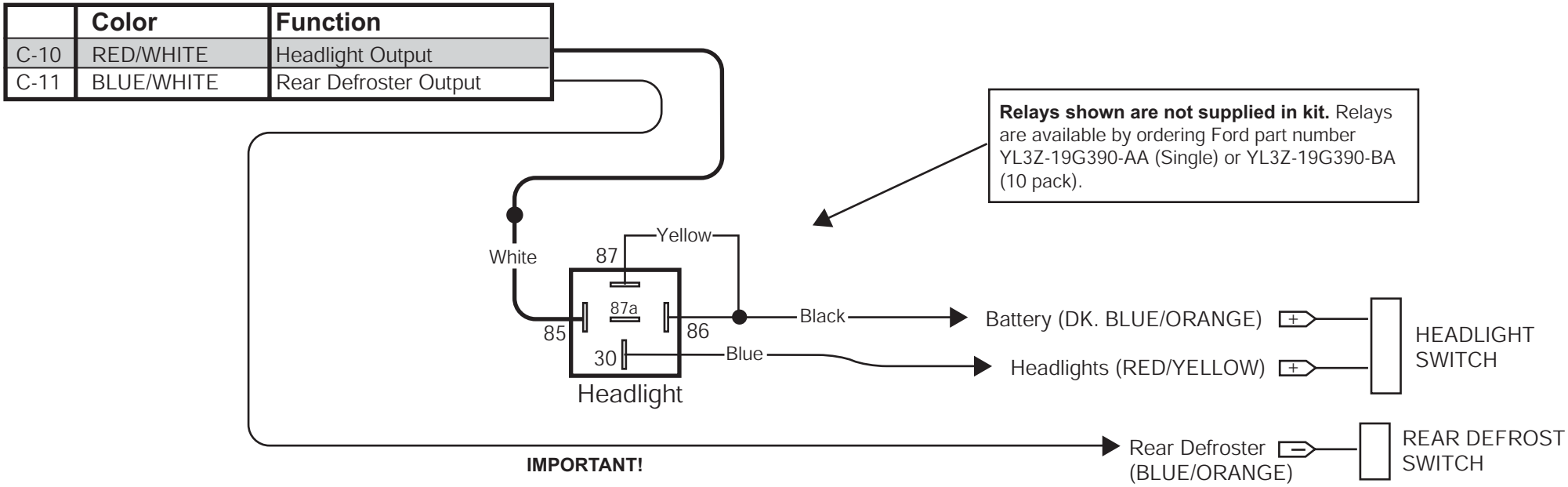
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	System(s) applicable to:
ALL	RKE/VSS/RMST
Page	Revision Date
4 of 4	7/6/04

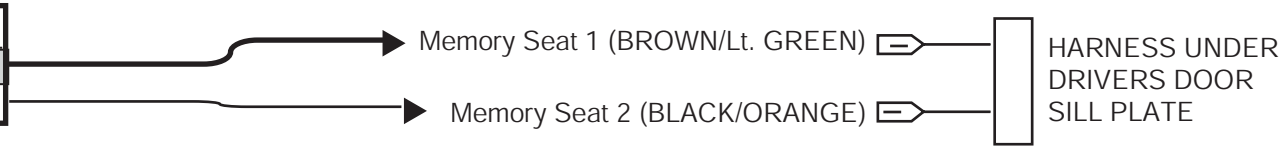
F-150 New Body Style

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS (con't)

MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2

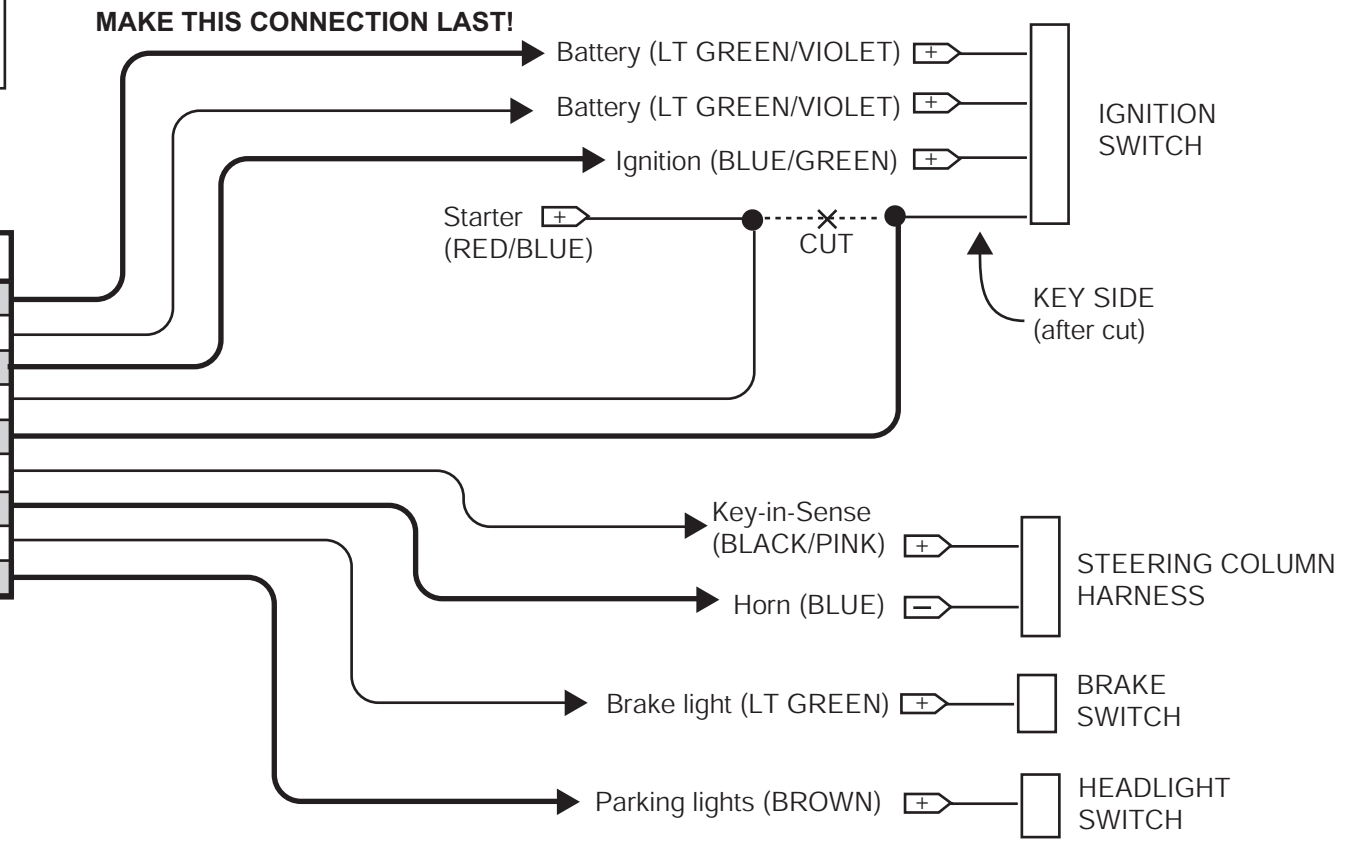


Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level ALL	System(s) applicable to: RMST
Page 1 of 1	Revision Date 7/6/04

F-150 New Body Style

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

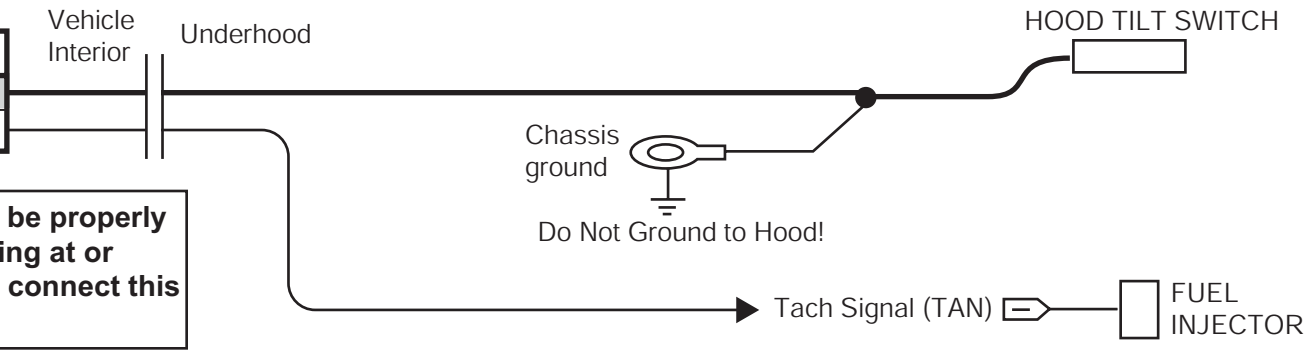


DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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F-150 New Body Style

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-8	BLUE	Trunk Ajar Input

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Driver Door Unlock Motor (RED/ORANGE) (+)

HARNESS UNDER DRIVERS SIDE DOOR SILL PLATE

Unlock Switch Sense (PINK/ORANGE) (+)

DRIVER'S SIDE REAR SILL PLATE HARNESS

Optional Installation Feature
See Optional connections page

****CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE****

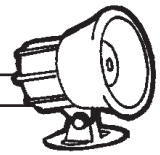
UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

BLACK



Siren

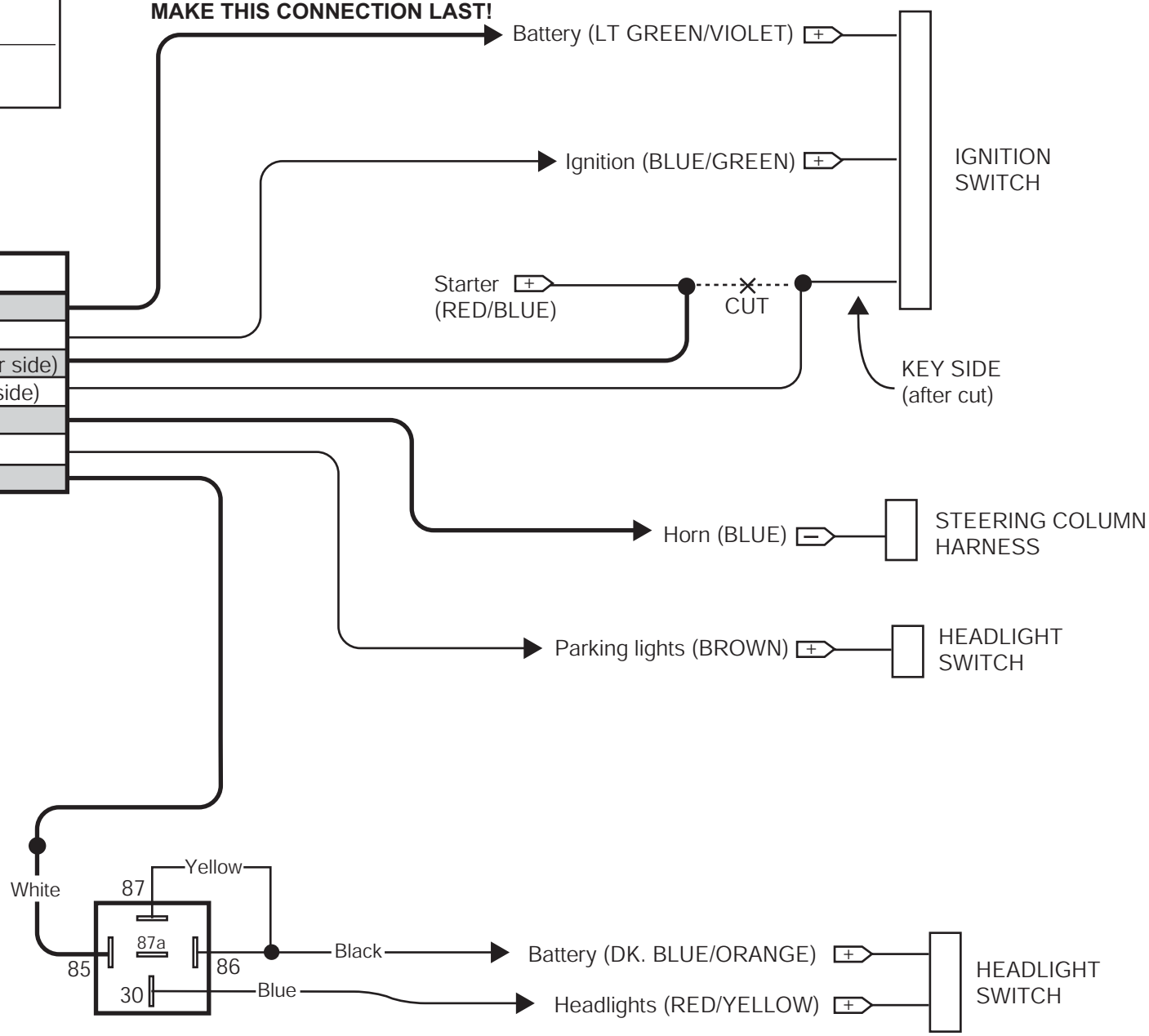
Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
2 of 3	**7/6/04**

F-150 New Body Style

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	Deluxe RKE/VSS
Page	**Revision Date**
3 of 3	7/5/04

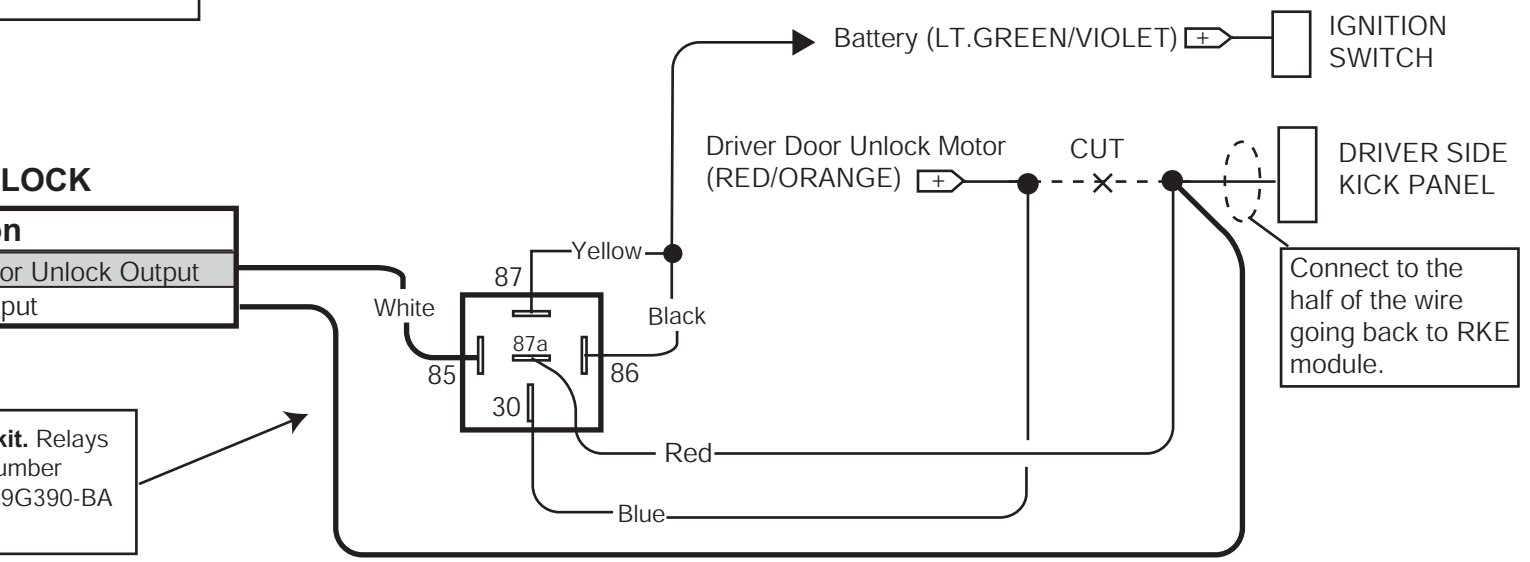
F-150 New Body Style

NOTE:
Program the "Driver's door priority unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

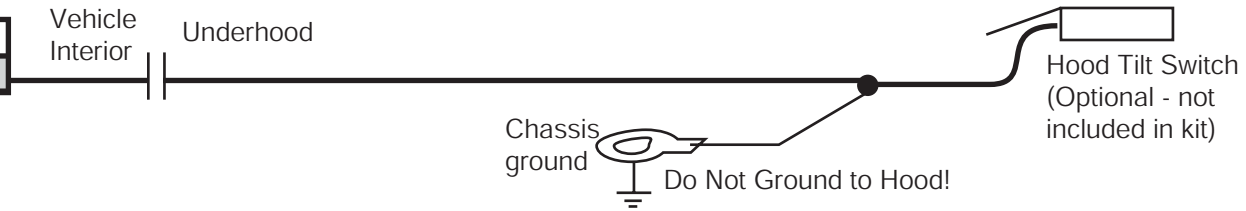
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



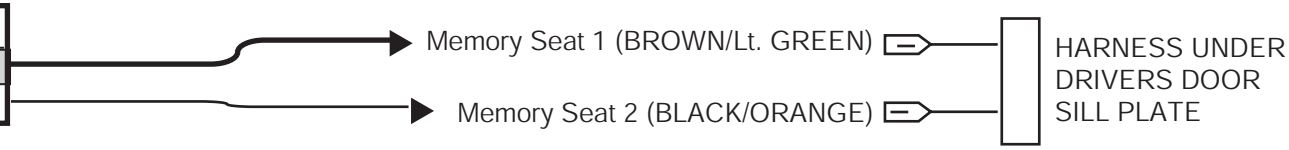
UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



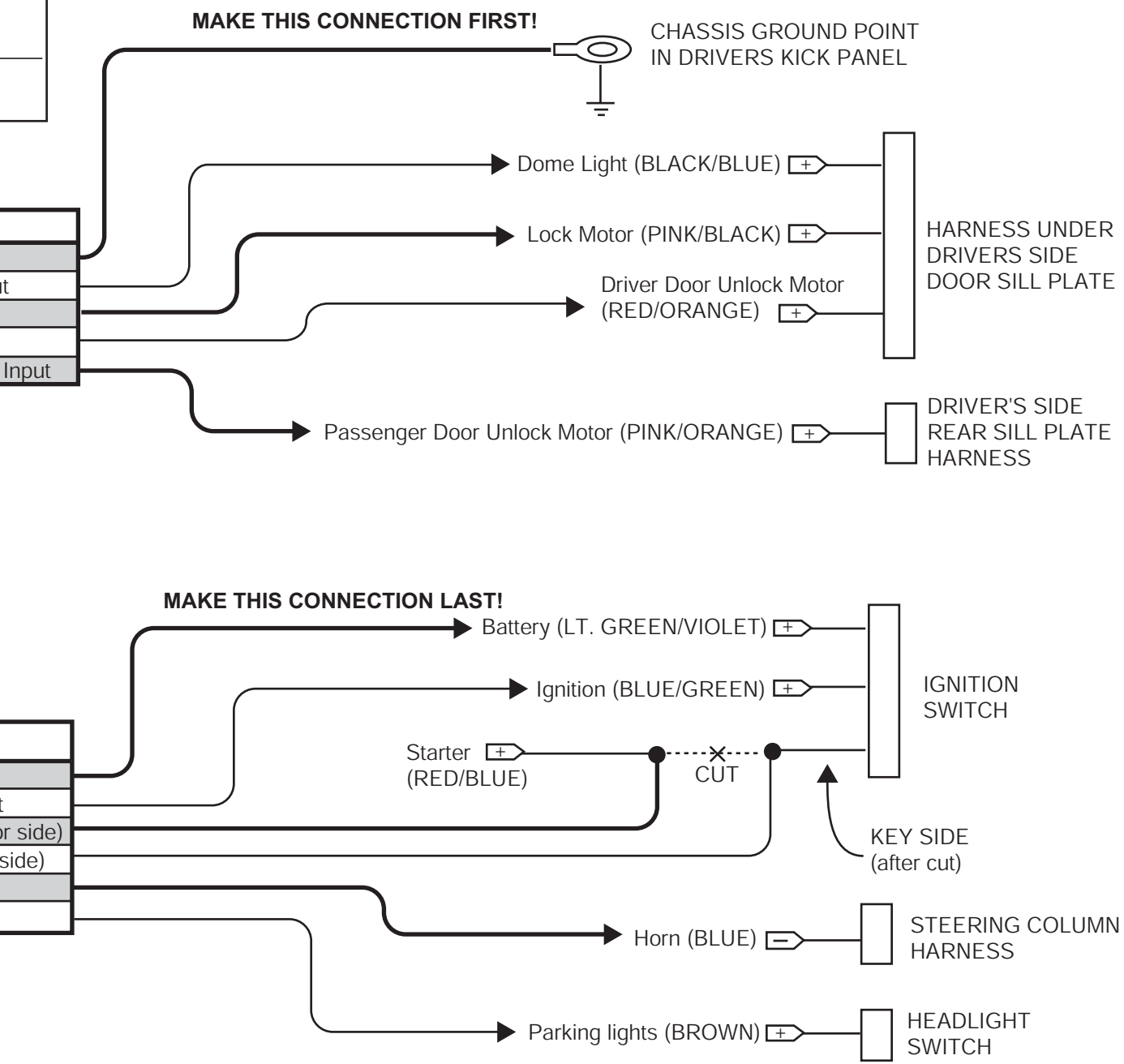
MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level ALL	System(s) applicable to: VSS
Page 1 of 2	Revision Date 7/6/04

F-150 New Body Style



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	System(s) applicable to:
ALL	VSS
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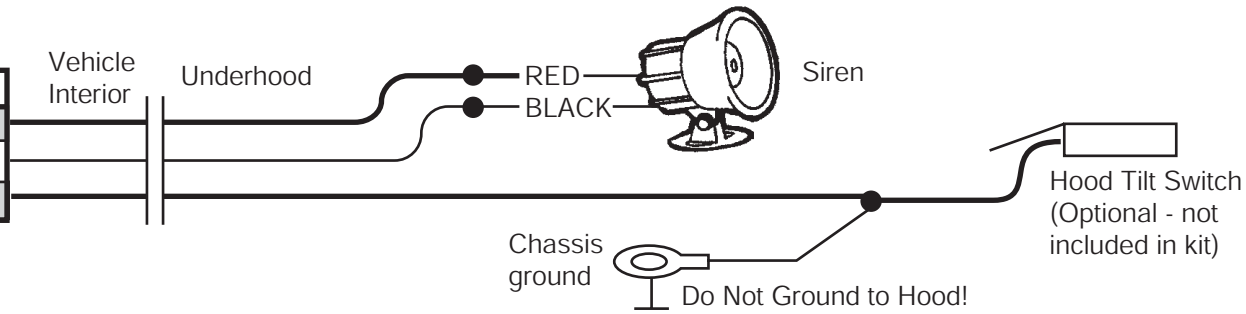
F-150 New Body Style

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

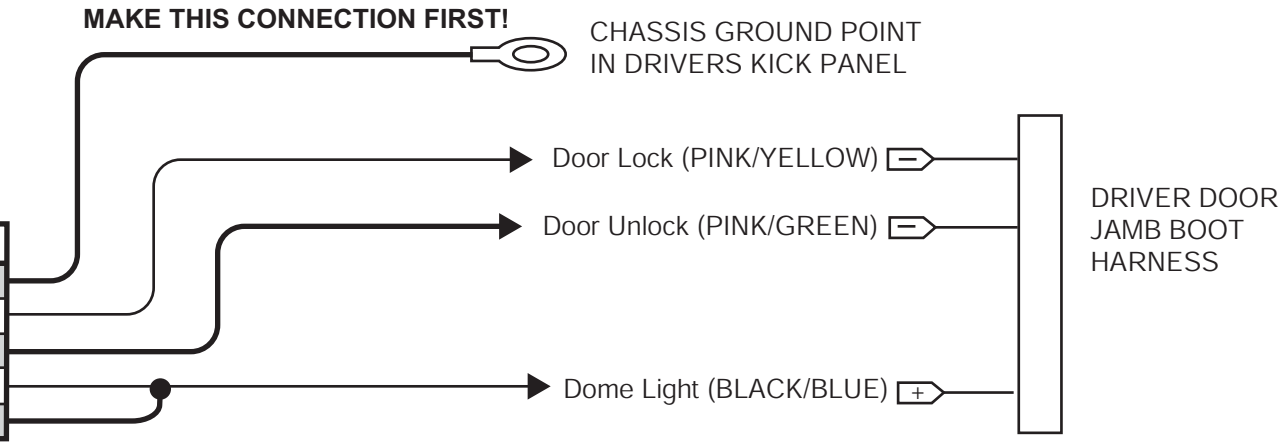


Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	RKE/VSS & RKE
Page	**Revision Date**
1 of 1	7/6/04

F-150 New Body Style

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

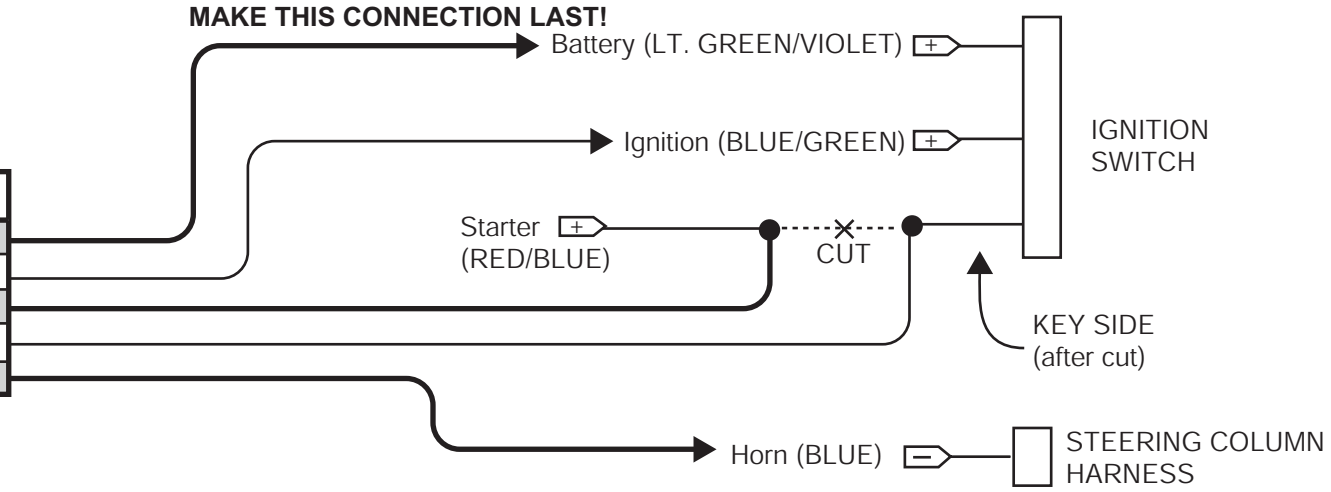


HEADLIGHT SWITCH

	Color	Function
A-1	WHITE	Parking Light Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output



Vehicle (Year/Make/Model)	
'04/'05 F-150 (NEW BODY STYLE)	
Equipment or Trim level	**System(s) applicable to:**
ALL	Preload
Page	**Revision Date**
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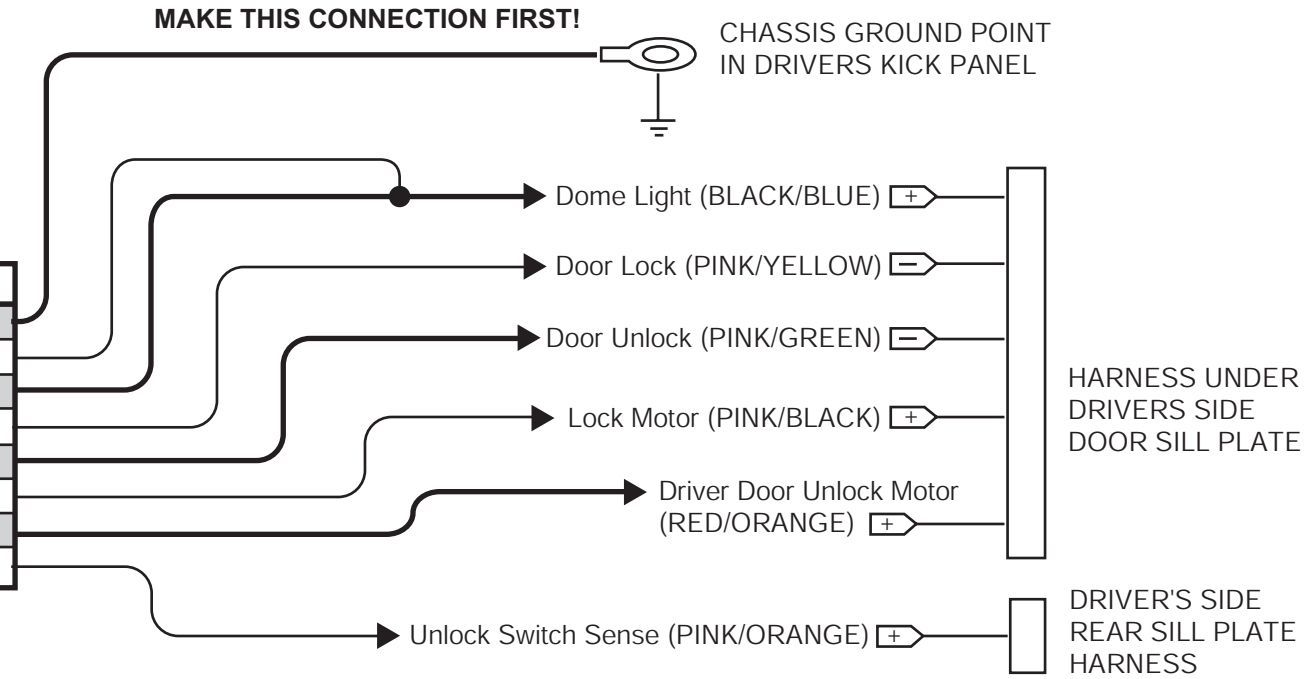
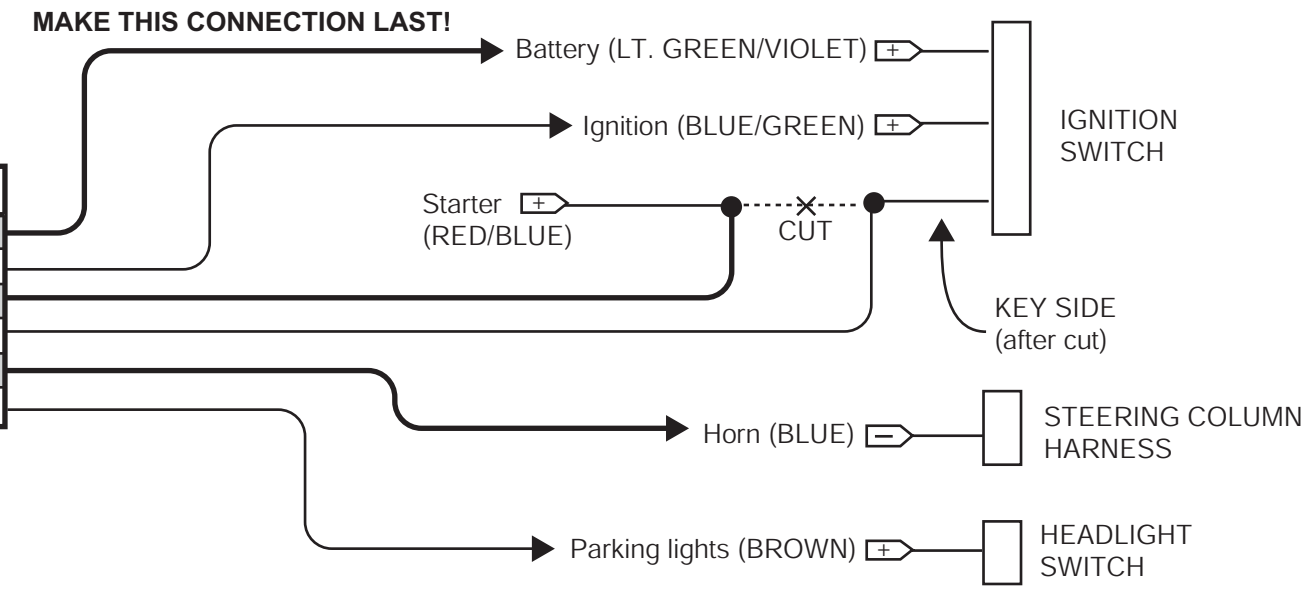
F-150 New Body Style



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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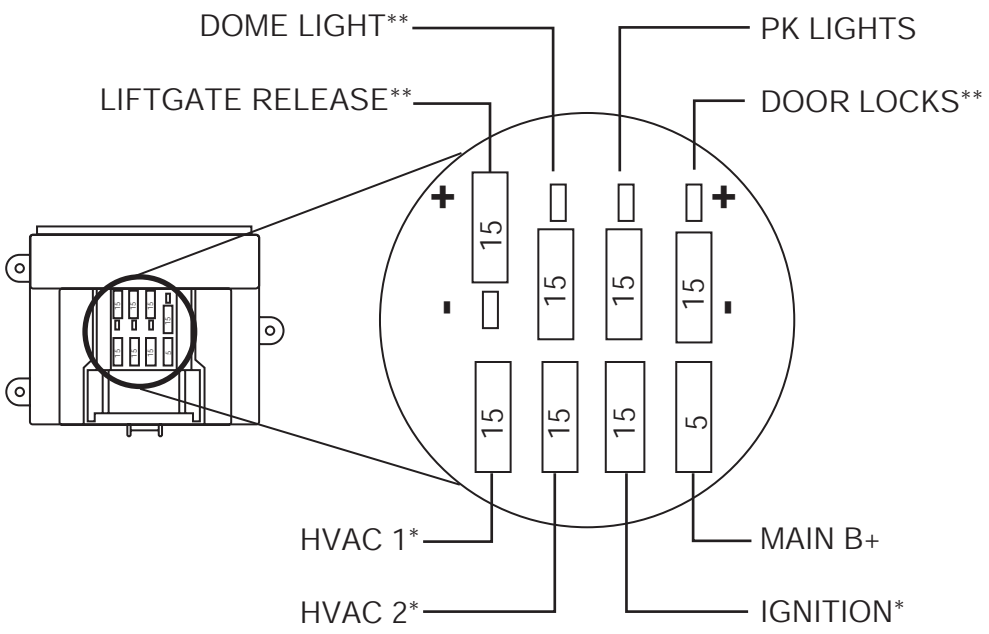
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

'04/'05: 1L2Z-19G365-AB (Required for systems with remote start)

RELAY REQUIREMENTS:

1 - PARKING LIGHTS (REQUIRED)

1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

1 - REAR WINDOW DEFROST (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock sensitivity polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)
Aux 2 (Rear Defrost)	10 min. output

MODULE MOUNTING LOCATION:

Driver's side kick panel, below headlight switch and behind knee blocker panel

IMPORTANT:

* **In the base vehicle**, Smart Junction Box (SJB) Software must be **Level 56 or higher**
* **Perform WDS** (or an equivalent Diagnostic tool, like NGS Plus) **Pre & Post system installation tests**
* **Clear any initially existing codes** (DTCs) and retest as necessary
* Vehicle must be **clean/clear of any abnormal codes** (DTSs) before any Dealer Channel product installation
* **Post installation codes testing** should be performed after clearing/resetting the vehicle's modules with the diagnostic tool
* There should be no **abnormal codes** set by remotely starting the vehicle or using any of the remote start functions
* **Any abnormal code(s) remaining** after two test cycles means there is a fault(s) in the installation of the system
* **Troubleshoot** the installation, fix and re-test with the diagnostic tool

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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NOTE: ALSO INCLUDES RKE/RMST

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2

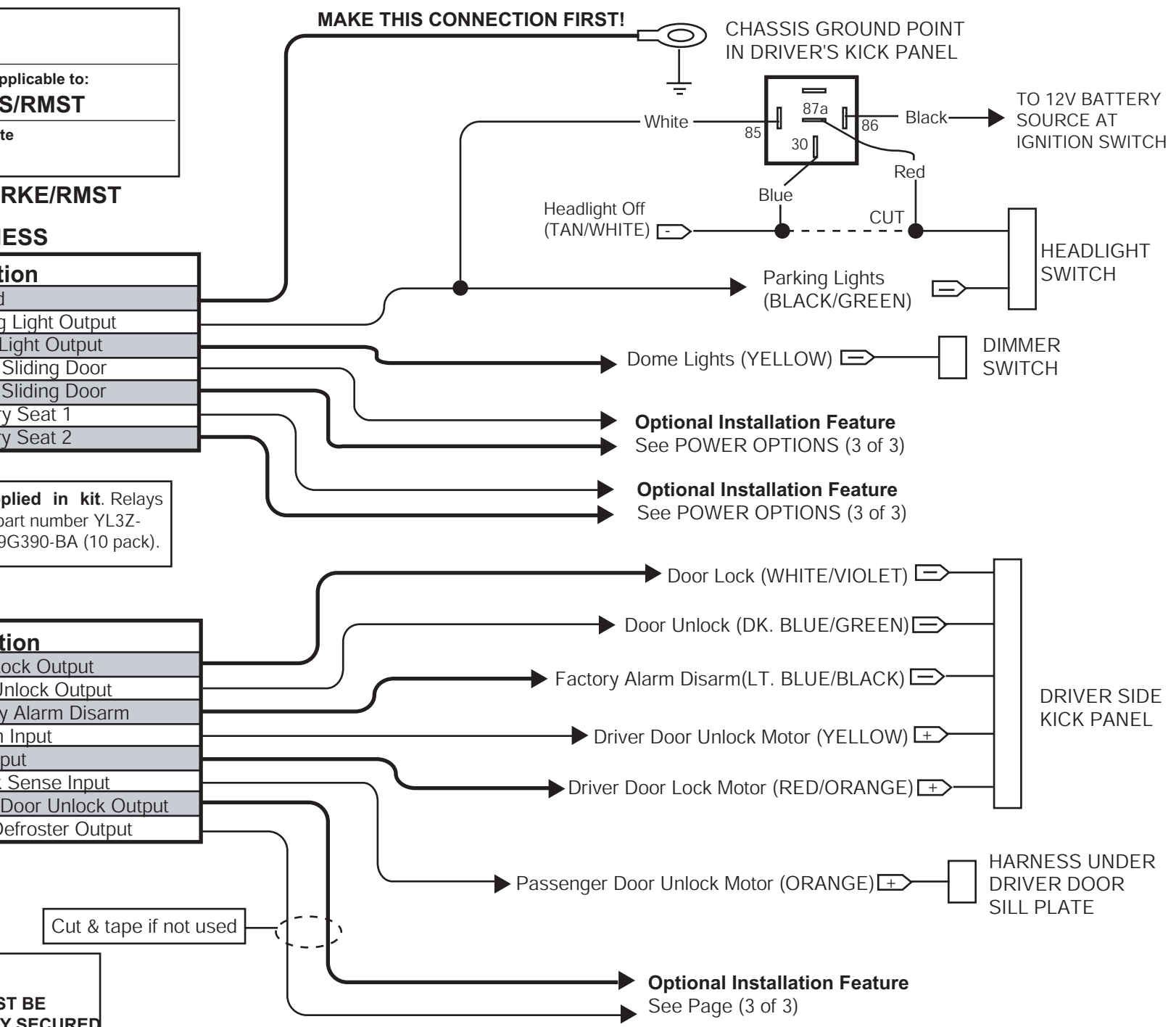
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

KICK PANEL HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT. GREEN/BLACK	Factory Alarm Disarm
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	LT. GREEN	Unlock Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-11	BLUE/WHITE	Rear Defroster Output

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!



Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMTST**
Page	**Revision Date**
2 of 3	**6/21/04**

NOTE: ALSO INCLUDES RKE/RMST

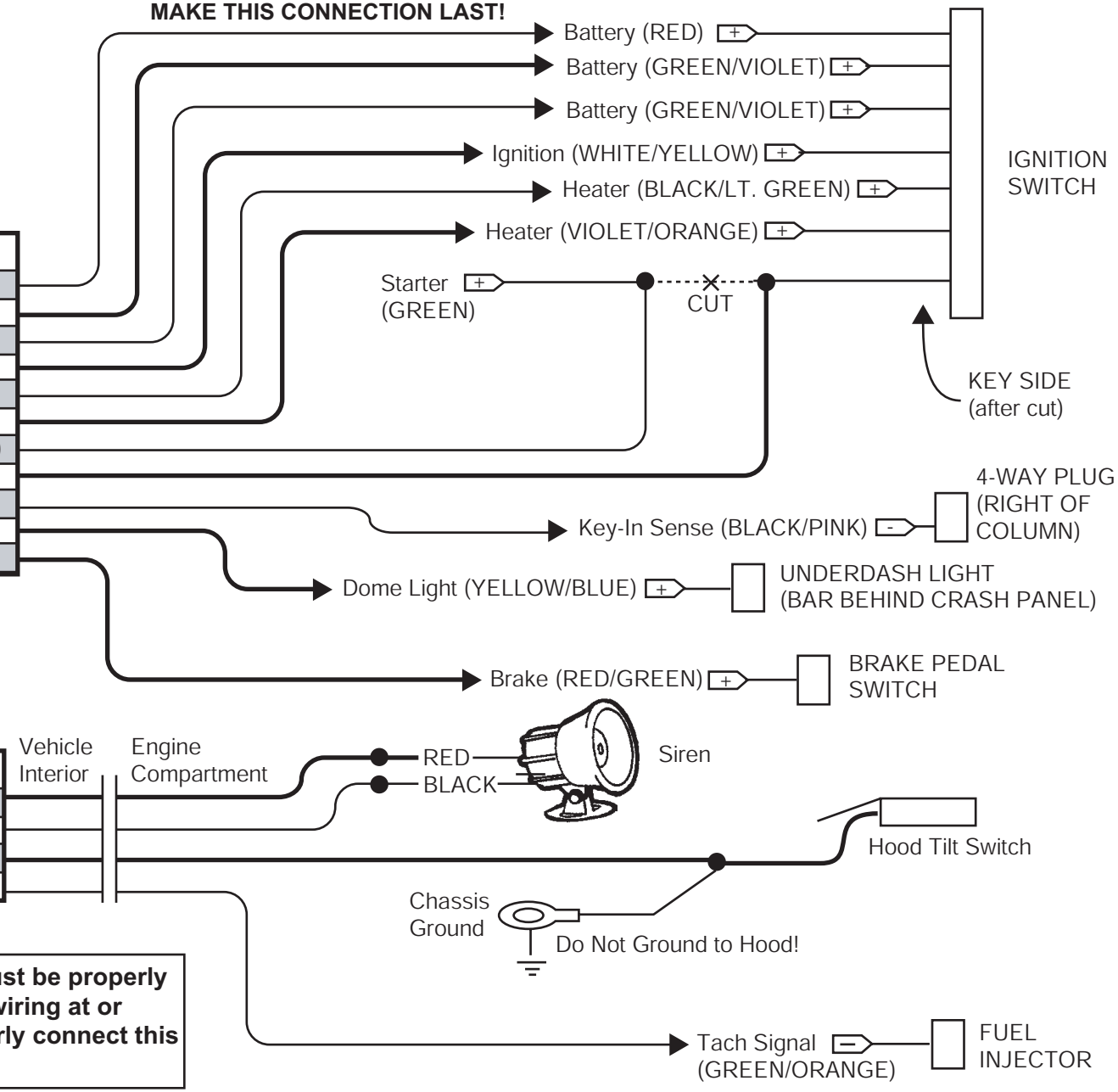
IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input



UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 3	**6/28/04**

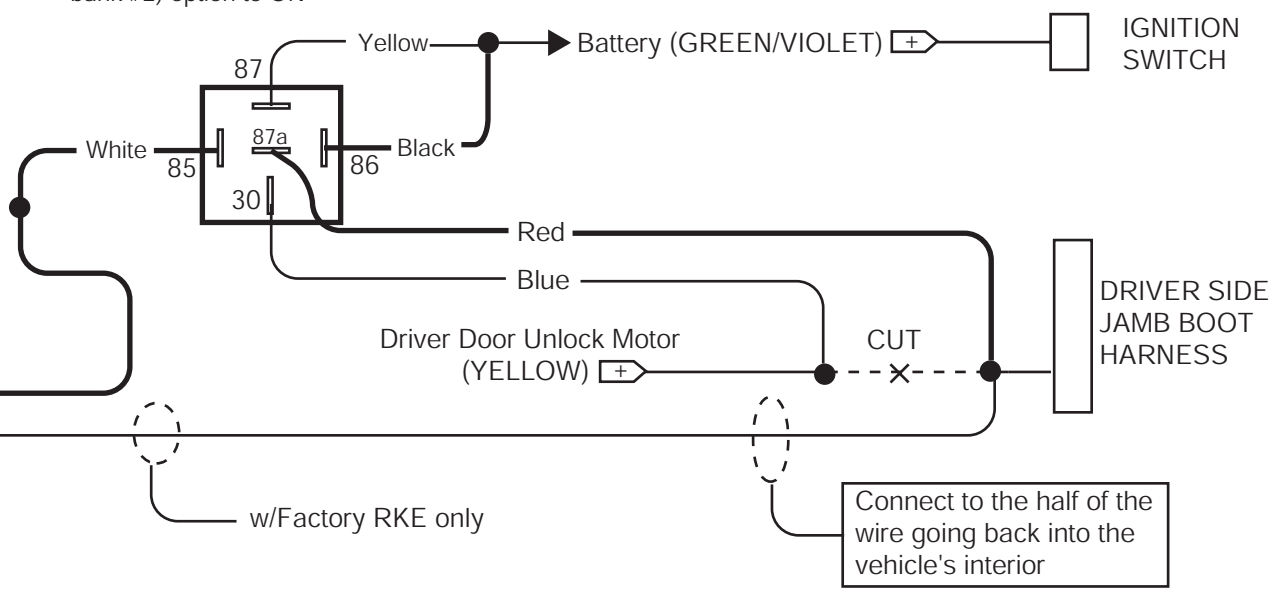
NOTE: ALSO INCLUDES RKE/RMST

OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

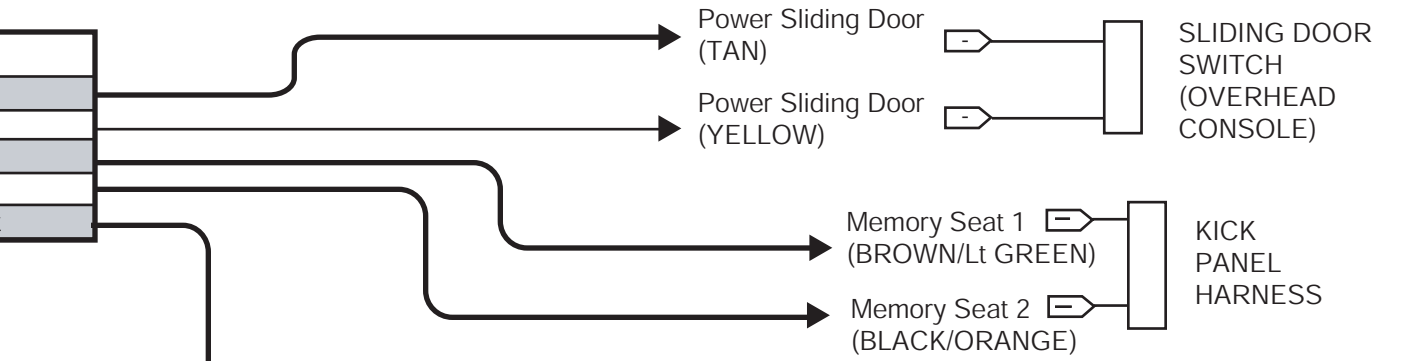
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



POWER OPTIONS

	Color	Function
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2
C-11	BLUE/WHITE	Rear Defroster Output

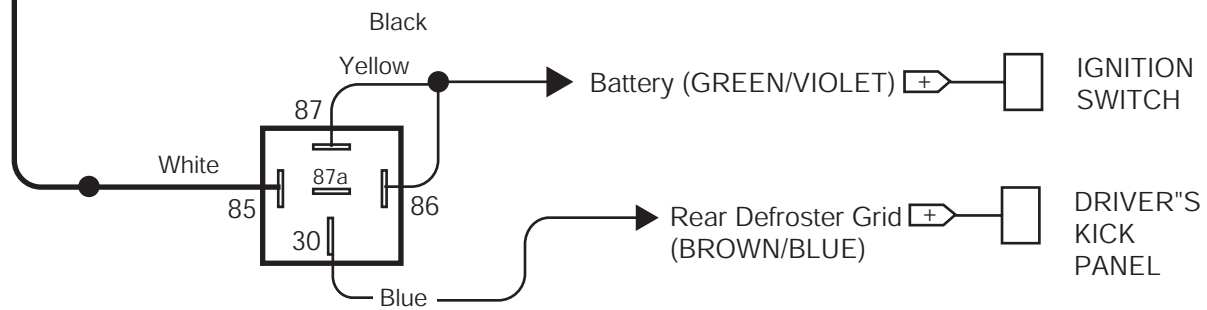


Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

NOTE: Power Sliding Doors
Program the "Aux 4 Remapped to Aux 1" (Option #5, Option bank #4) option to ON

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!



Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-7	BROWN	Brake Input
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

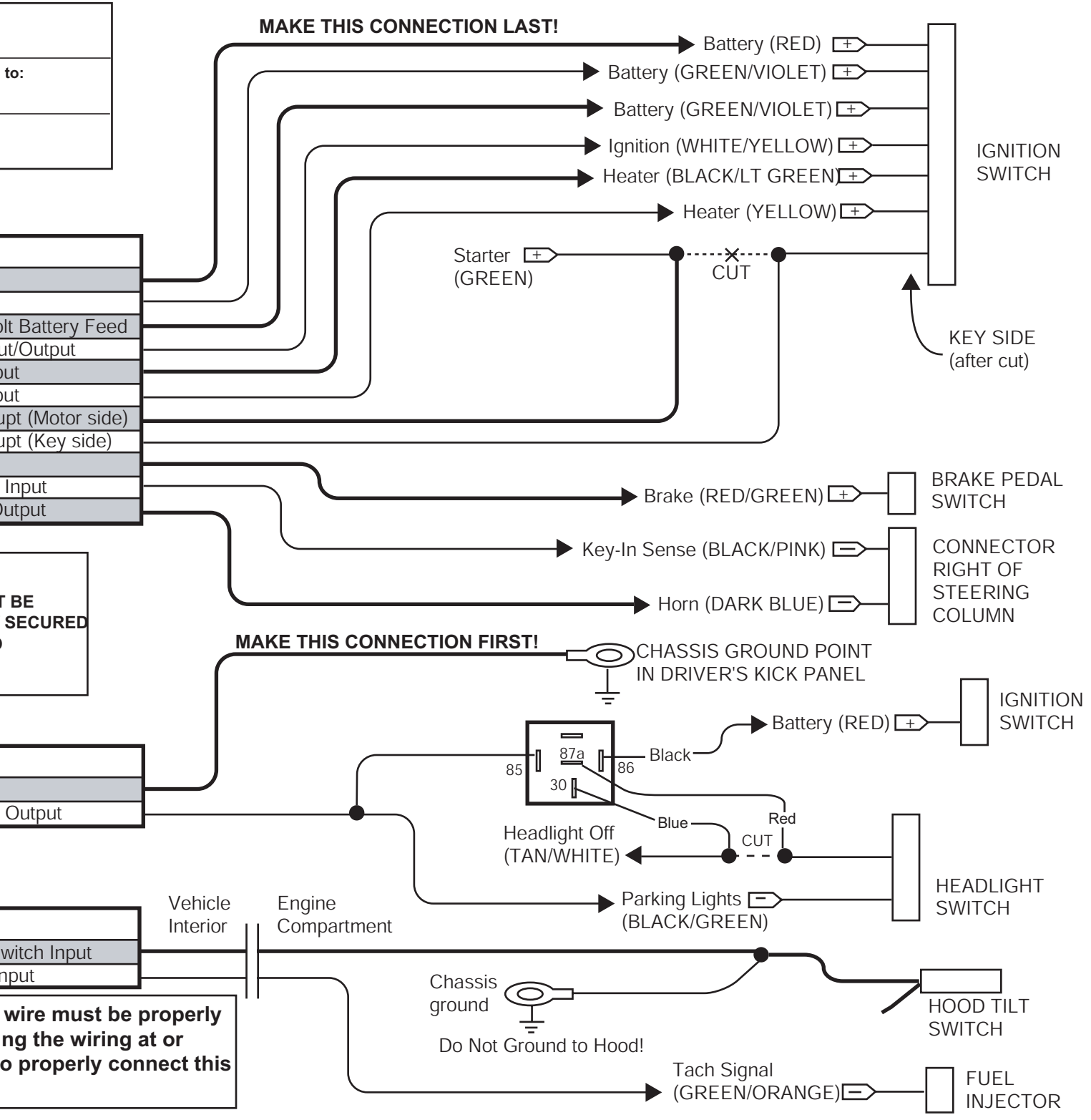
HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output

UNDER HOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!



Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level ALL	system(s) applicable to: DELUXE RKE/VSS
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (WHITE/YELLOW) (+)

Starter (+) (GREEN) — CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (DARK BLUE) (−)

HARNESS RIGHT OF STEERING COLUMN

Dome Light (YELLOW/WHITE) (+)

UNDERDASH LIGHT (BAR BEHIND CRASH PANEL)

KICK PANEL HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	Lt GREEN/BLACK	Factory Alarm Disarm
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	LT GREEN	Unlock Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	Power Liftgate

Door Lock (WHITE/VIOLET) (−)

Door Unlock (DK BLUE/GREEN) (−)

Perimeter Alarm (LT BLUE/BLACK) (−)

Driver Door Unlock Motor (+) (YELLOW)

Driver Door Lock Motor (+) (RED/ORANGE)

DRIVER SIDE KICK PANEL

Passenger Door Unlock Moror (+) (ORANGE)

HARNESS UNDER DRIVER DOOR SILL PLATE

Cut & tape if not used

Optional Installation Feature

See page 3 of 3

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**system(s) applicable to:**
ALL	**DELUXE RKE/VSS**
Page	**Revision Date**
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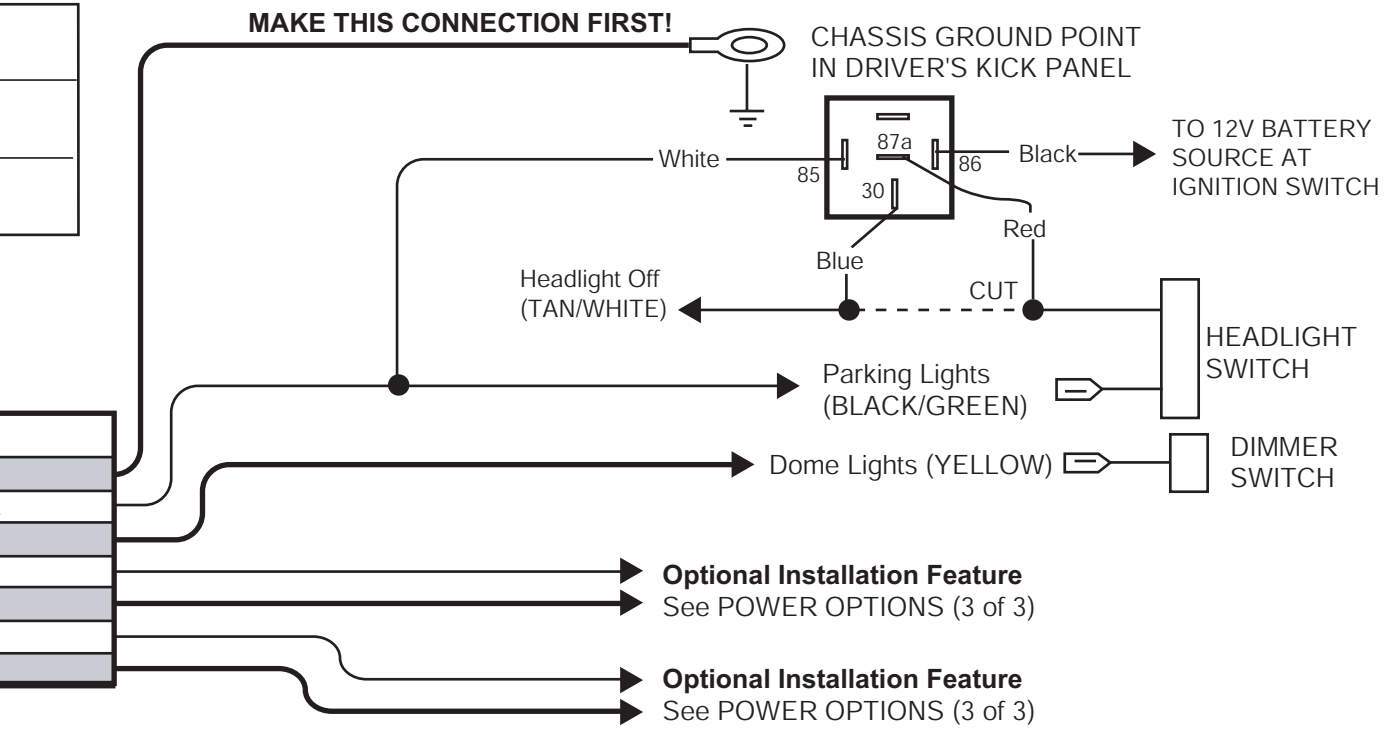
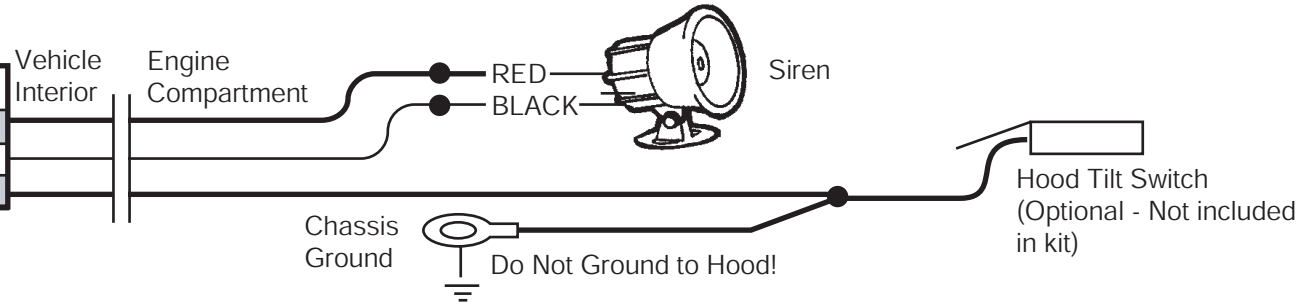


HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

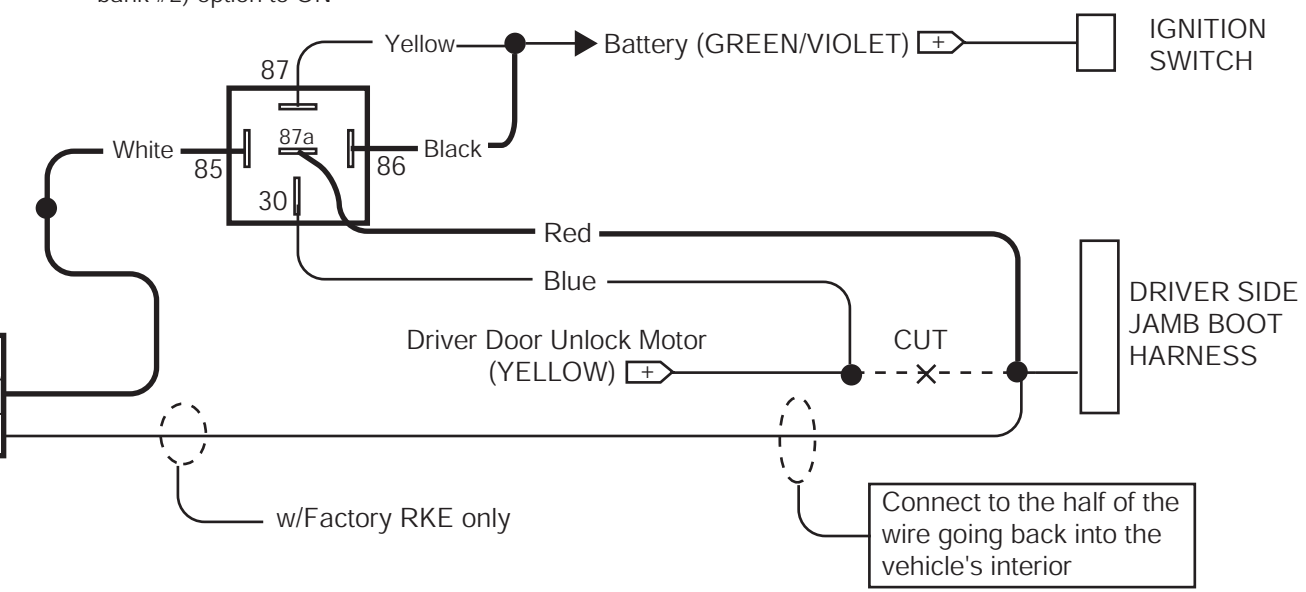
Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
3 of 3	**6/28/04**

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS

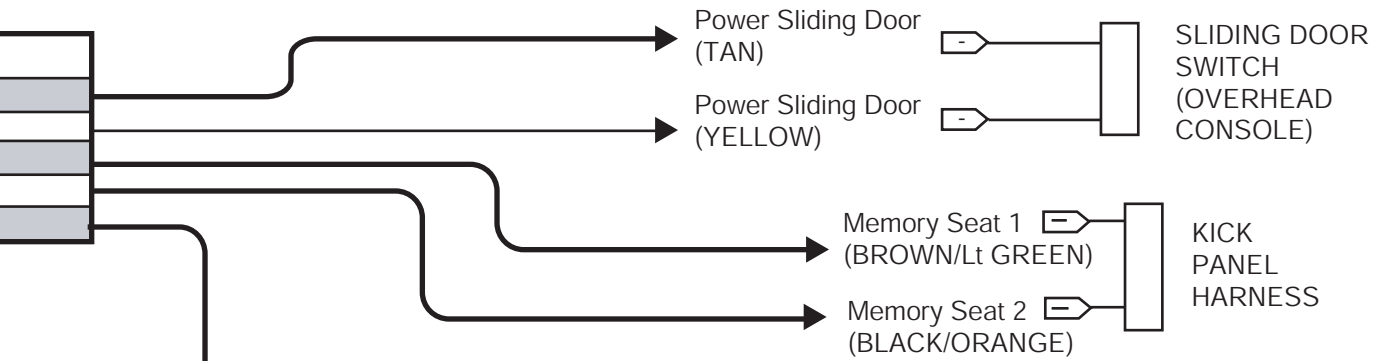
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



POWER OPTIONS

	Color	Function
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2
C-11	BLUE/WHITE	Rear Defroster Output

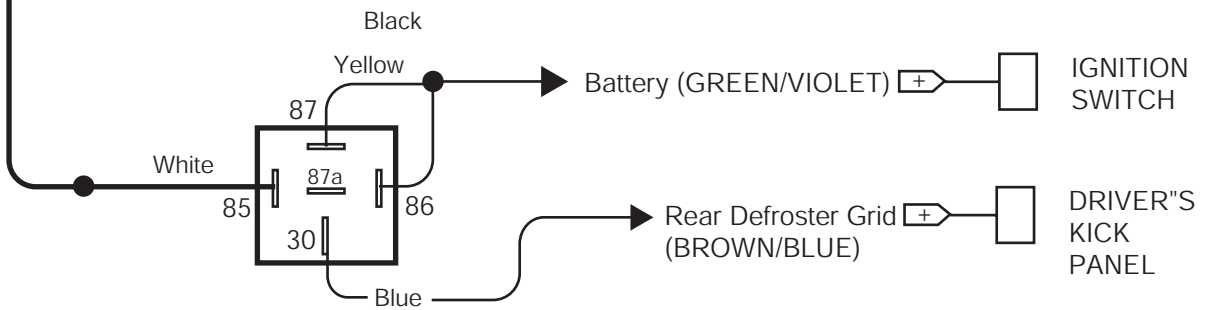


NOTE: Power Sliding Doors
Program the "Aux 4 Remapped to Aux 1" (Option #5, Option bank #4) option to ON

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!



Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE & RKE/VSS**
Page	**Revision Date**
1 of 1	**6/28/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

KICK PANEL HARNESS

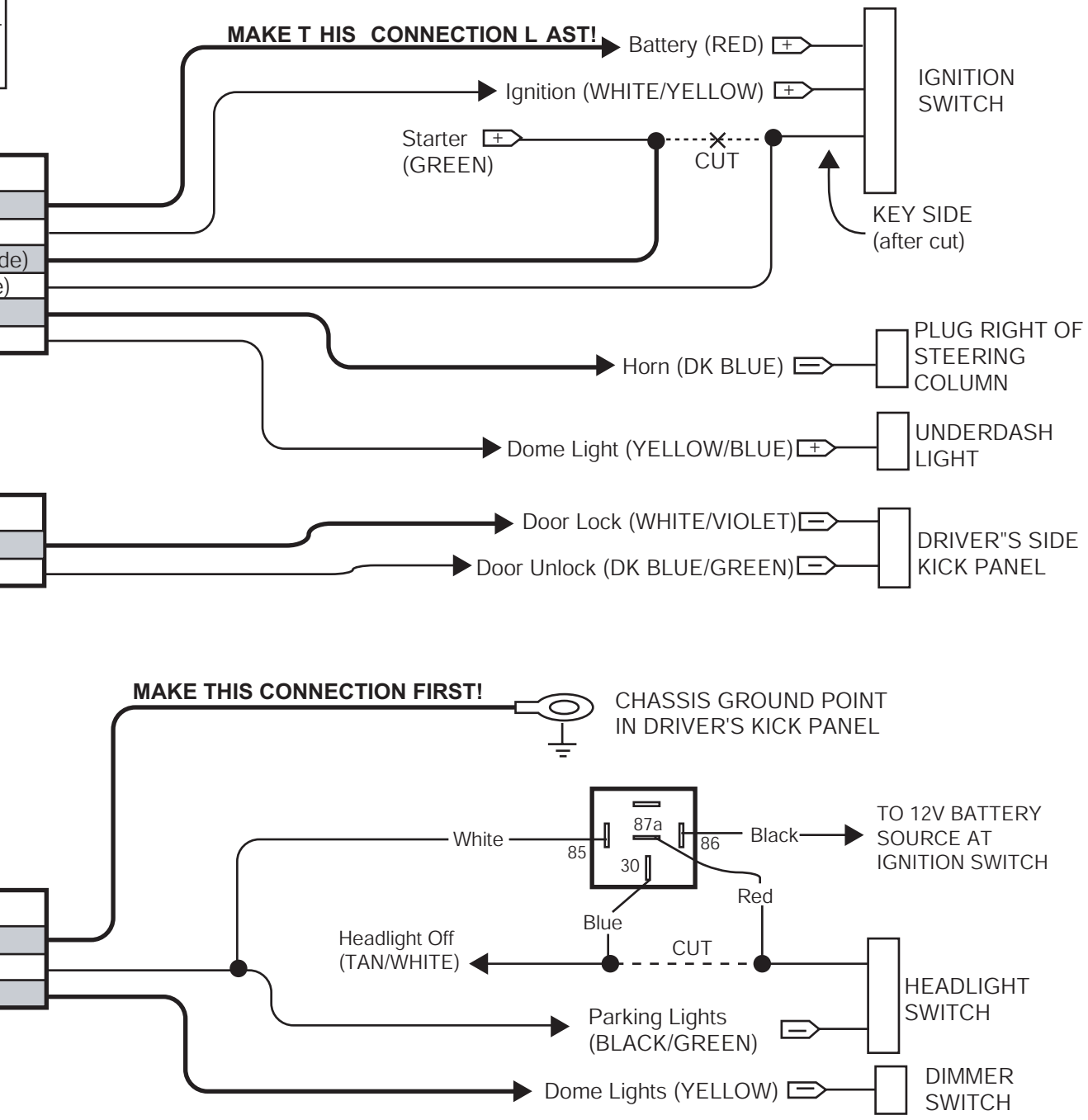
	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output



Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
Page	**Revision Date**
1 of 1	**6/29/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (WHITE/YELLOW) (+)

IGNITION SWITCH

Starter (GREEN) (+)

CUT

KEY SIDE (after cut)

Horn (DK BLUE) (−)

PLUG RIGHT OF STEERING COLUMN

Dome Light (YELLOW/WHITE) (+)

UNDERDASH LIGHT (BAR BEHIND CRASH PANEL)

KICK PANEL HARNESS

	Color	Function
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Sense Input

Driver Door Unlock Motor (YELLOW) (+)

Driver Door Lock Motor (RED/ORANGE) (+)

DRIVER'S SIDE KICK PANEL

Passenger Door Unlock Motor (ORANGE) (+)

DRIVER'S SIDE SILL PLATE HARNESS

IMPORTANT!

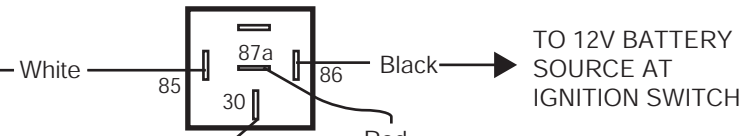
ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER'S KICK PANEL

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output



TO 12V BATTERY SOURCE AT IGNITION SWITCH

Headlight Off (TAN/WHITE)

CUT

HEADLIGHT SWITCH

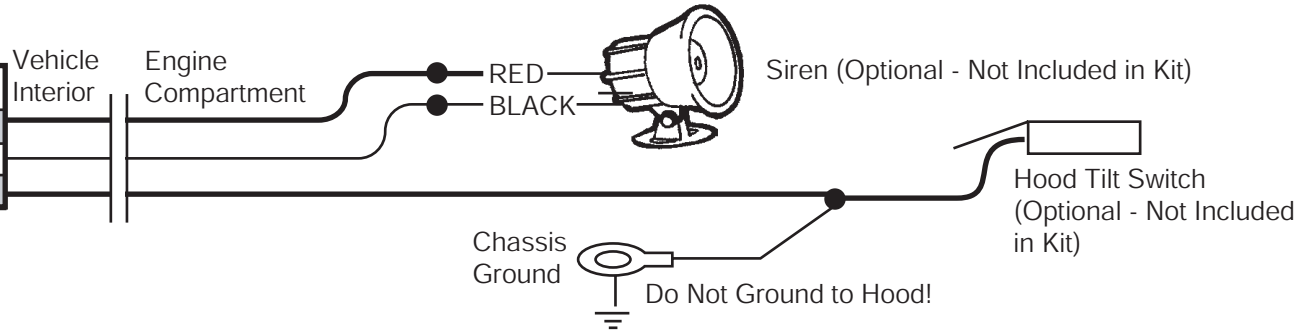
Parking Lights (BLACK/GREEN) (−)

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level All	System(s) applicable to: VSS & RKE/VSS
Page **1 of 1**	Revision Date **6/30/04**

OPTIONAL CONNECTIONS

UNDER HOOD HARNESS (OPTIONAL)

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



IMPORTANT!

ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

Vehicle (Year/Make/Model)	
'04/'05 Freestar/Monterey	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **PRELOAD**
Page **1 of 1**	Revision Date **6/30/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE T HIS CONNECTION L AST!

Battery (RED) (+)

Ignition (WHITE/YELLOW) (+)

Starter (GREEN) (+) — CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (DK BLUE) (−)

PLUG RIGHT OF STEERING COLUMN

Dome Light (YELLOW/WHITE) (+)

UNDERDASH LIGHT

KICK P ANEL HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Perimeter Alarm Disarm
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Sense Input

Door Lock (WHITE/VIOLET) (−)

Door Unlock (DK BLUE/GREEN) (−)

Perimeter Alarm (LT BLUE/BLACK) (−)

Driver Door Unlock Motor (YELLOW) (+)

Driver Door Lock Motor (RED/ORANGE) (+)

DRIVER'S SIDE KICK PANEL

Passenger Door Unlock Motor (ORANGE) (+)

DRIVER'S SIDE SILL PLATE HARNESS

IMPORTANT!

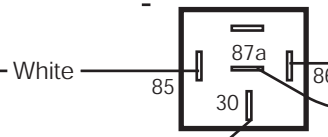
ALL CUT AND SPLICED WIRES MUST BE CAREFULLY TAPED AND PROPERLY SECURED PER GOOD WIRING PRACTICES. NO EXCEPTIONS!

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER'S KICK PANEL



TO 12V BATTERY SOURCE AT IGNITION SWITCH

Headlight Off (TAN/WHITE)

CUT

HEADLIGHT SWITCH

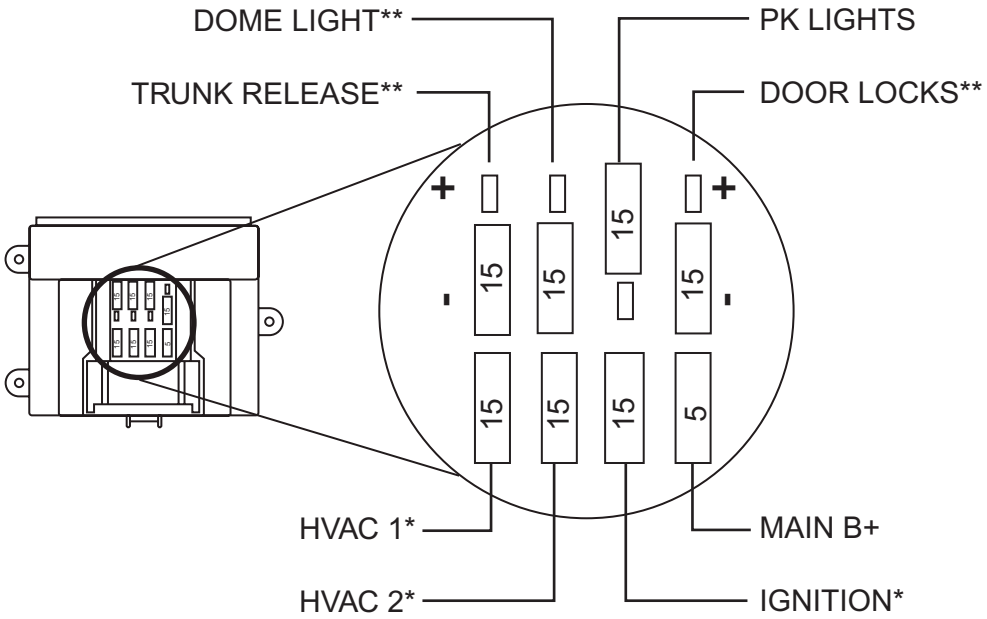
Parking Lights (BLACK/GREEN)

Dome Lights (YELLOW)

DIMMER SWITCH

Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **3/19/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002-2005: 1S4Z-19G365-AB

RELAY REQUIREMENTS:

1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

1 - TRIM SWITCH DISABLE OVERRIDE

1 - HEADLIGHT ILLUMINATION (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive

MODULE MOUNTING LOCATION:

Behind fuse panel

Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
1 of 3	**3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (−) — OVERHEAD DOMELIGHT

Door Lock (BLACK/RED) (−)

Door Unlock (BLACK/YELLOW) (−)

Factory Disarm* (BLACK/WHITE) (−)

Lock Motor (YELLOW/BLACK) (+)

Driver Door Unlock Motor (WHITE/BLACK) (+)

DRIVER KICK PANEL

Passenger Door Unlock Motor (WHITE/BLACK) (+) — G.E.M.

Connect only on vehicles with factory RKE

Cut and tape off if not used

Optional Installation Feature
See Optional connections page

* Note: If vehicle is equipped with factory RKE, but no factory perimeter alarm, a relay (not supplied) must be wired to by-pass the trim switch disable feature. Relay wiring diagram on page 3 of this drawing.

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

RED
BLACK

Siren (w/VSS only)

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

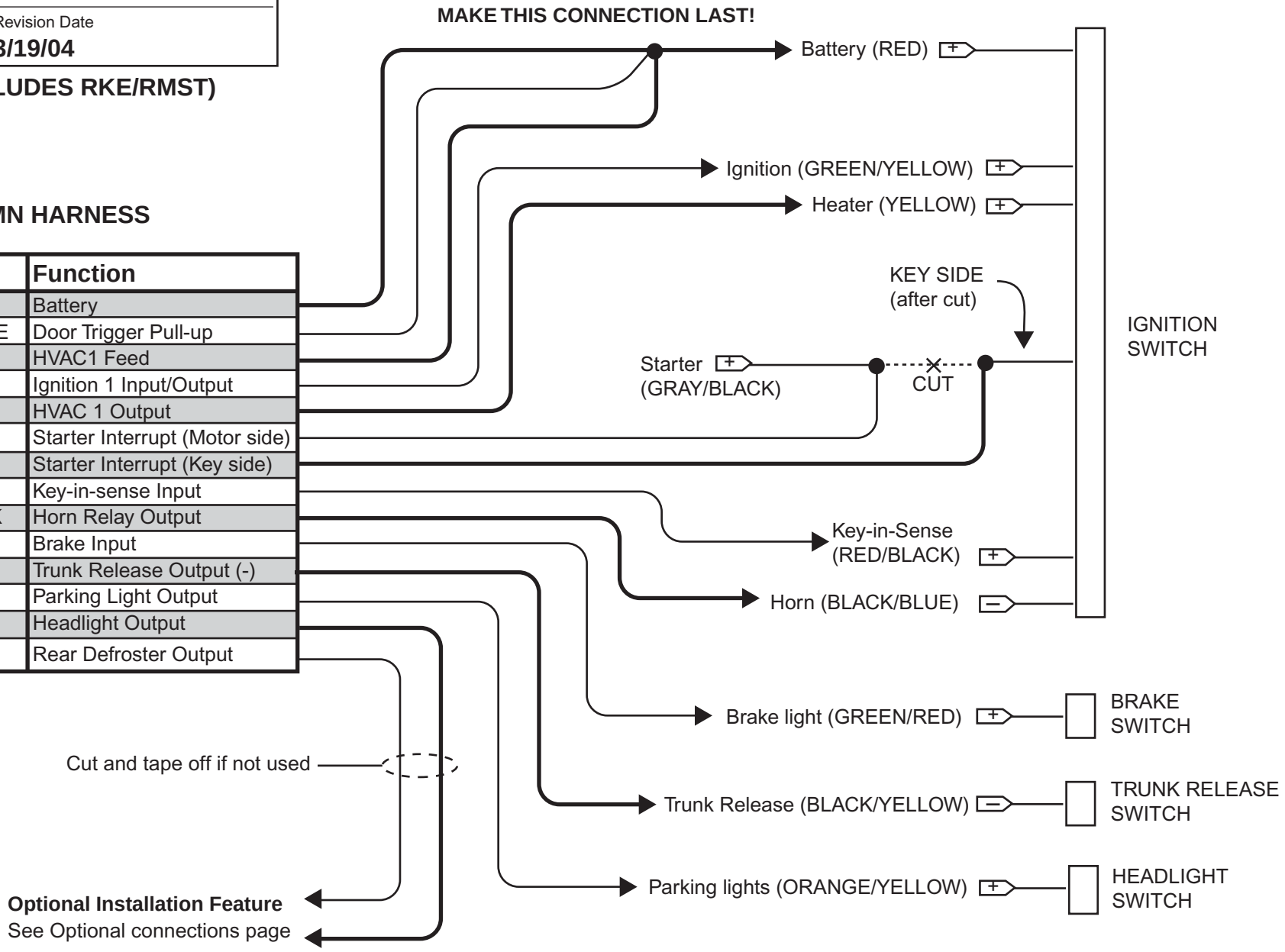
Tach Signal (BLACK/GREEN) (−) — IGNITION COIL

Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
2 of 3	**3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-13	TAN	Trunk Release Output (-)
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



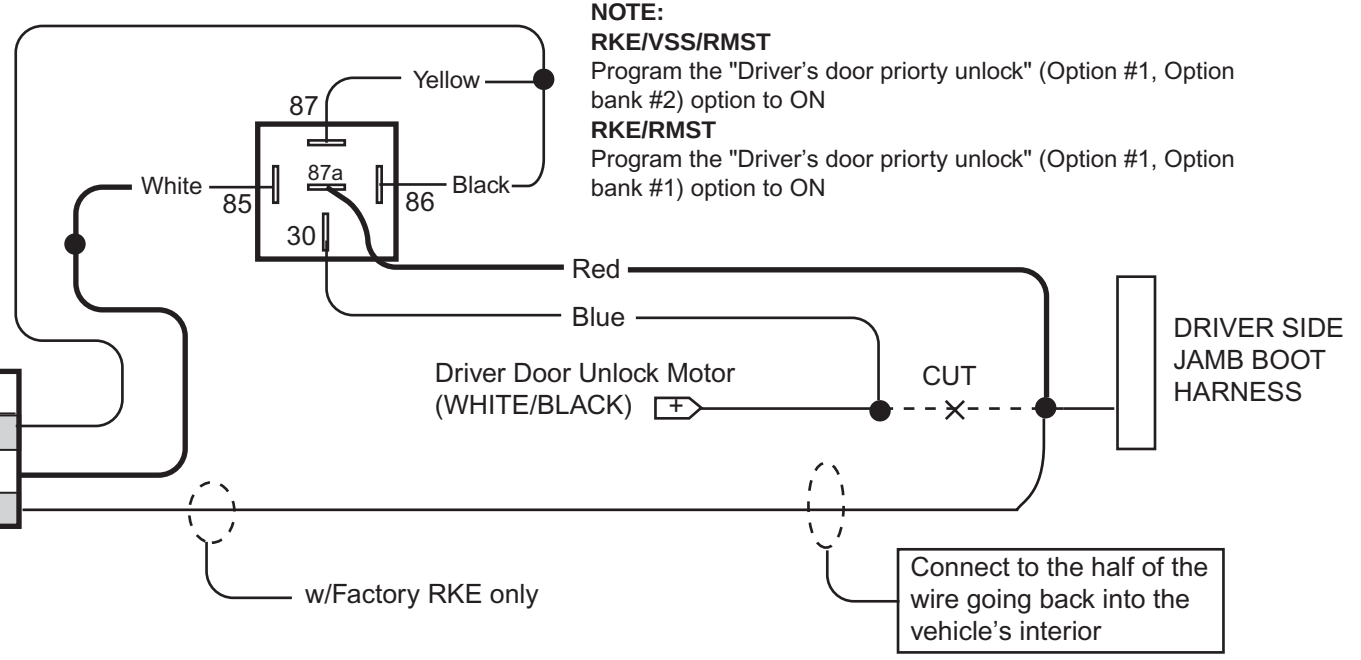
Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
3 of 3	**3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

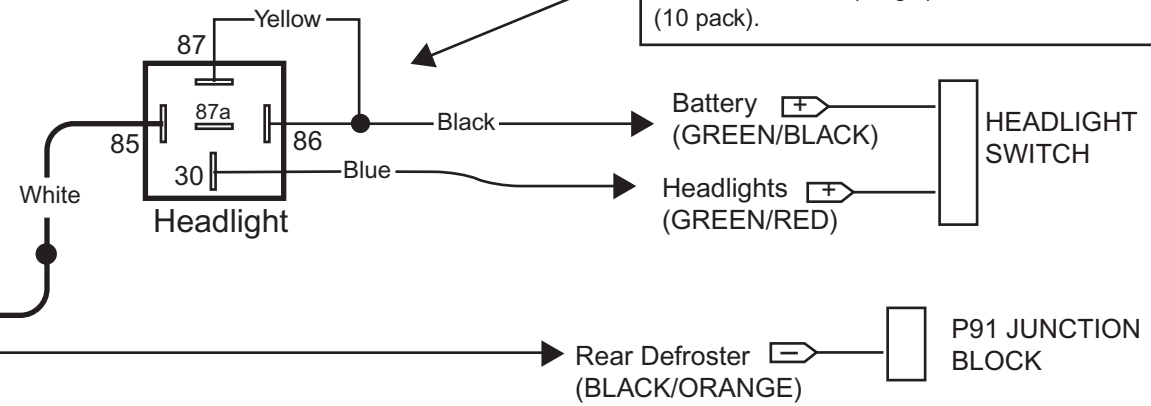
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

HEADLIGHT ILLUMINATION / REAR DEFROSTER

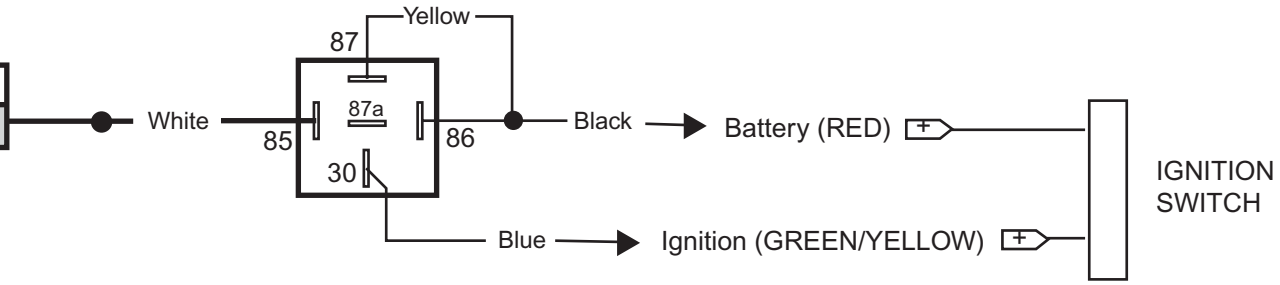
	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



TRIM SWITCH DISABLE BY-PASS RELAY

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output

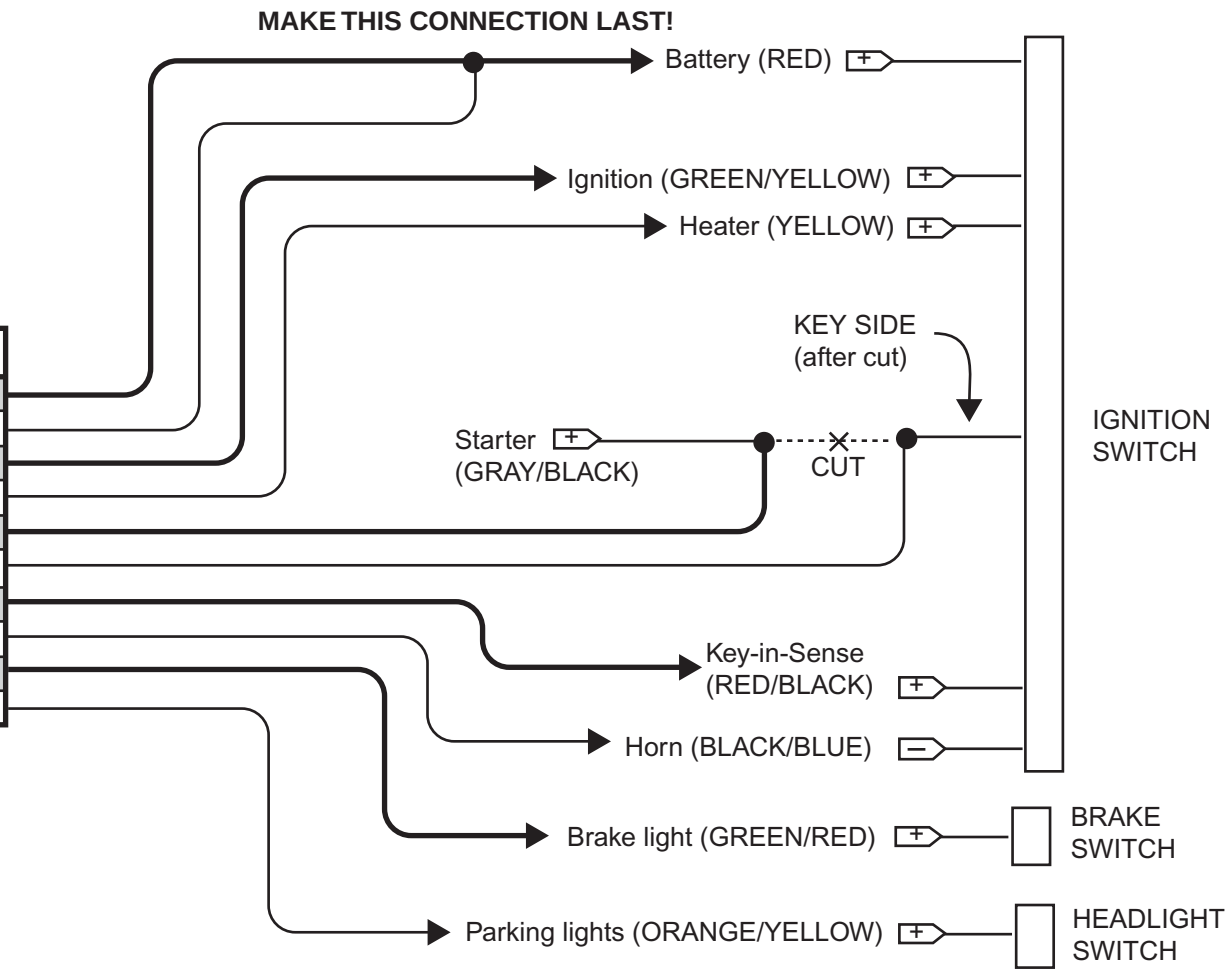
Required on Focus without factory perimeter alarm



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
Page **1 of 1**	Revision Date **3/19/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

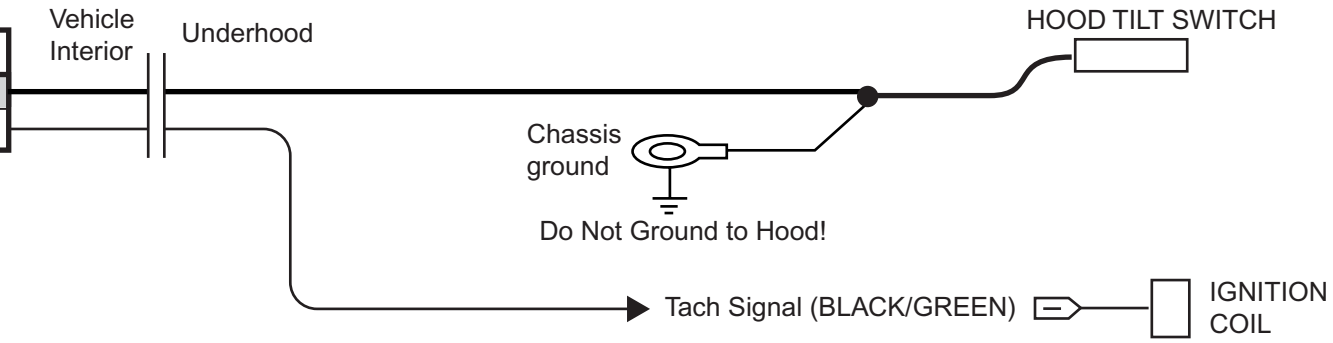


DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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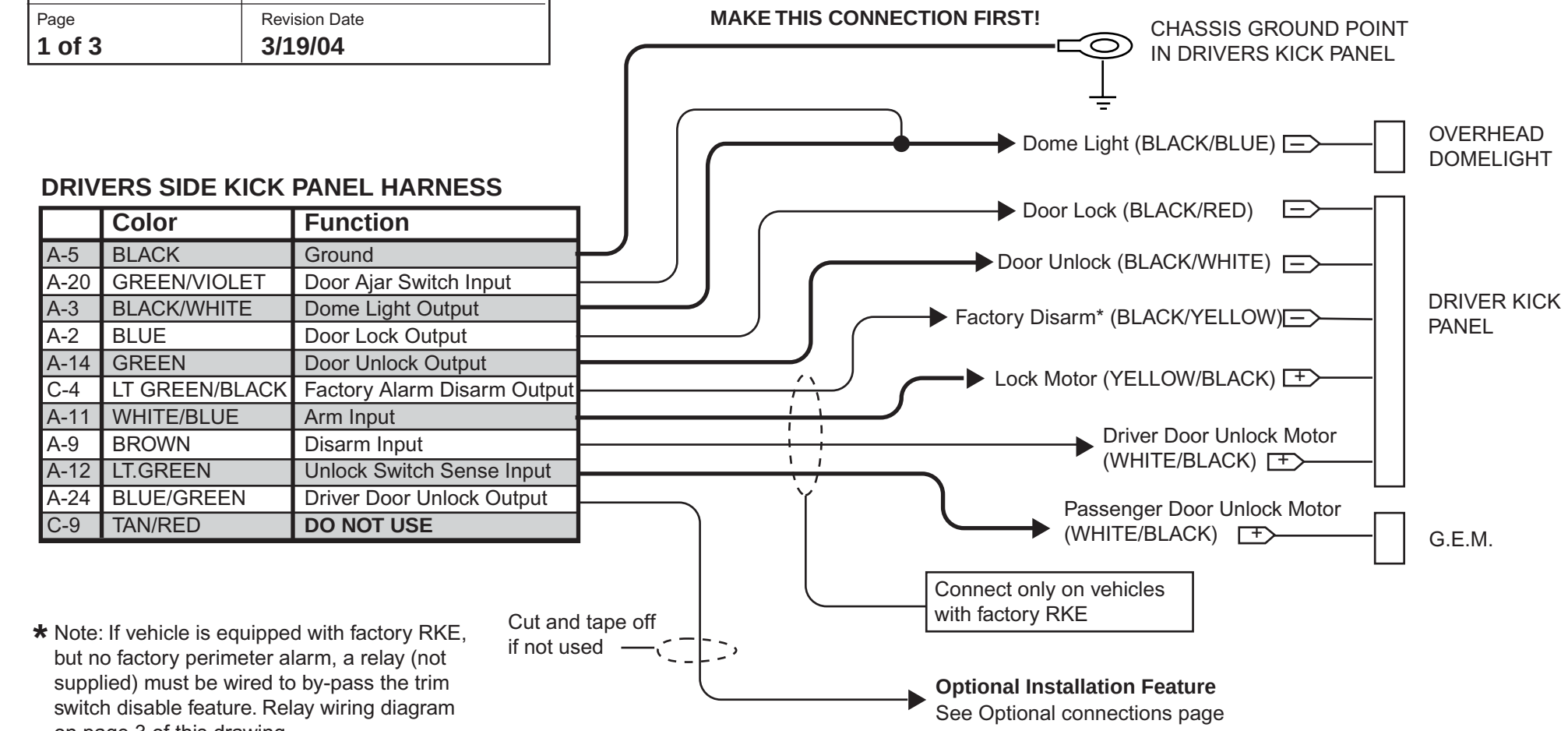


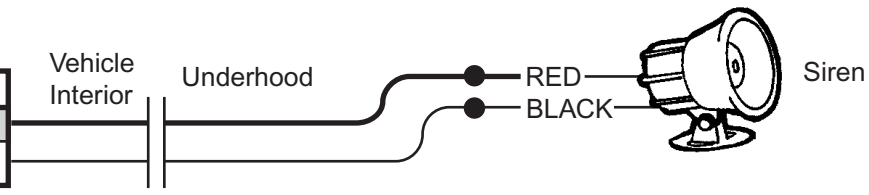
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**

* Note: If vehicle is equipped with factory RKE, but no factory perimeter alarm, a relay (not supplied) must be wired to by-pass the trim switch disable feature. Relay wiring diagram on page 3 of this drawing.

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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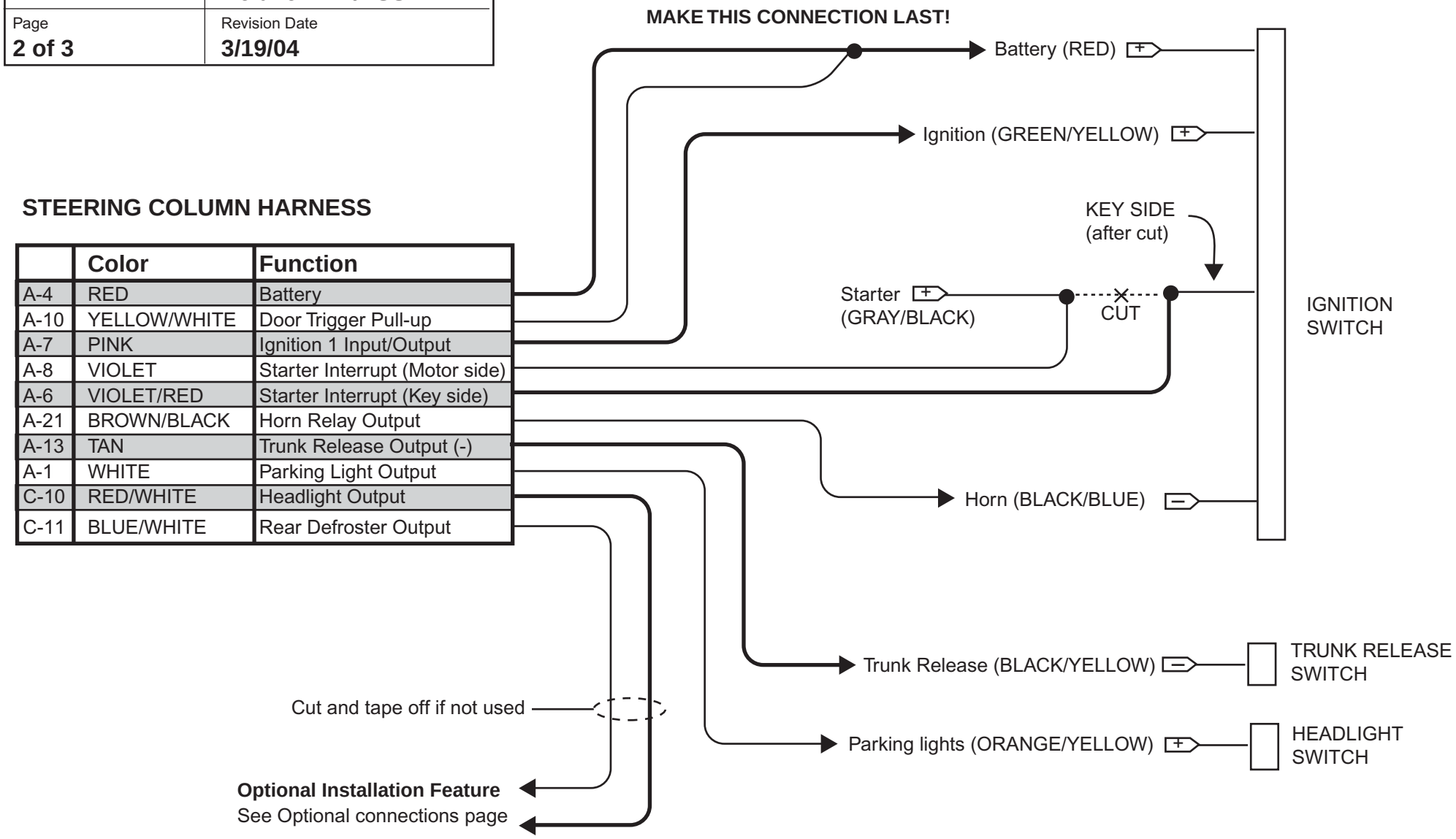

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output (-)
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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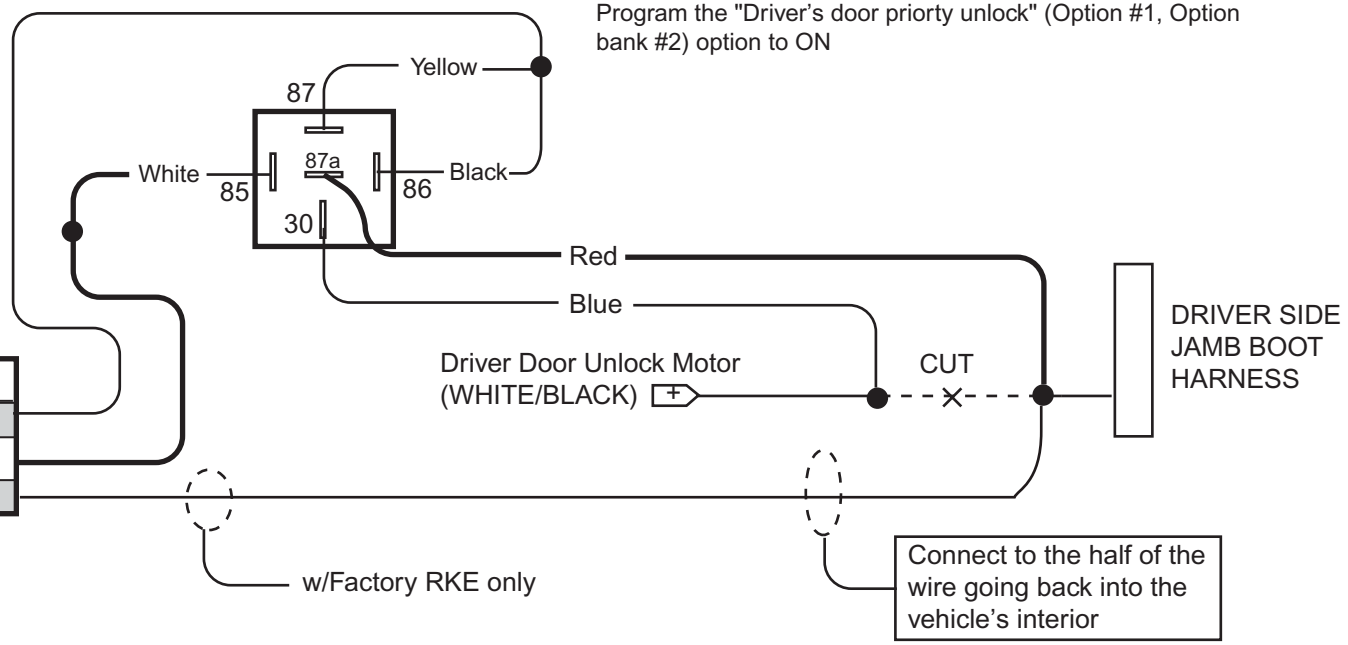
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

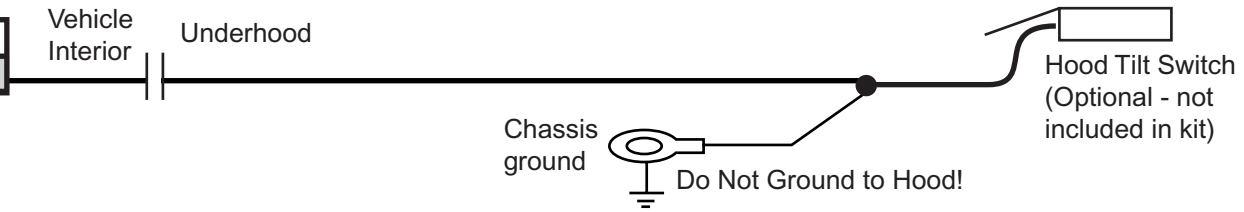
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



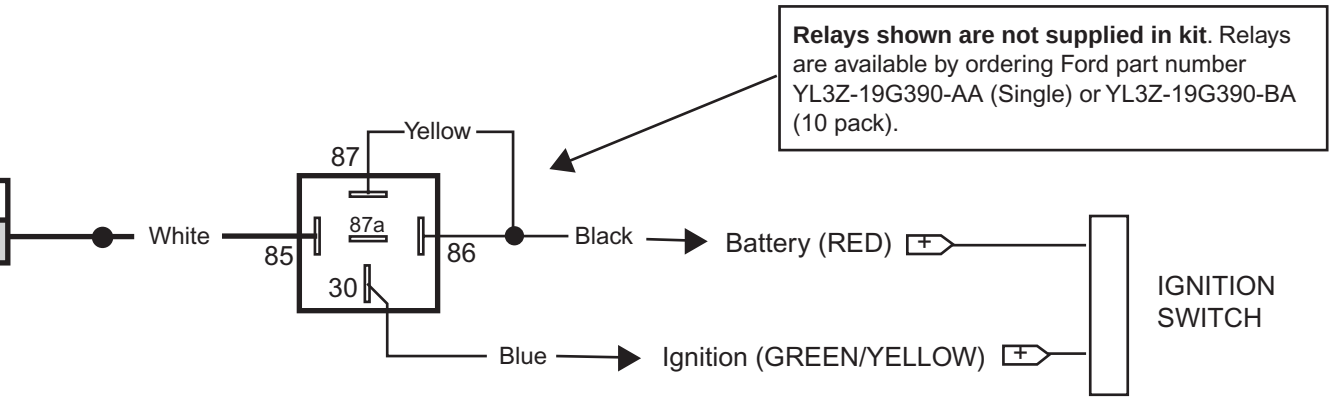
TRIM SWITCH DISABLE BY-PASS RELAY

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output

Required on Focus without factory perimeter alarm

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**VSS/RKE & RKE**
Page	Revision Date
1 of 1	**3/19/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

Dome Light (BLACK/BLUE) → OVERHEAD DOMELIGHT

Door Lock (BLACK/RED) → DRIVER KICK PANEL

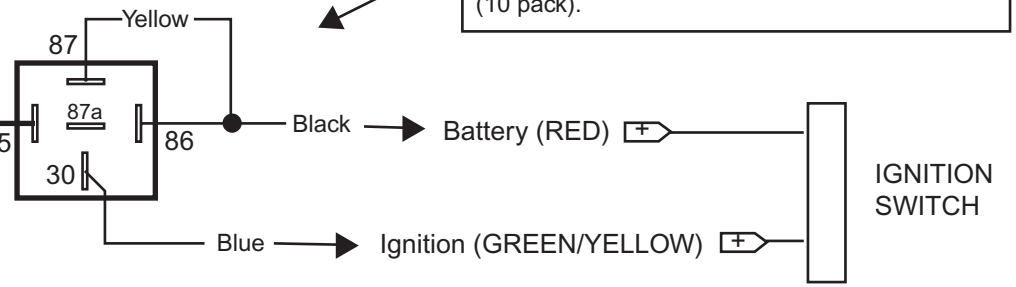
Door Unlock (BLACK/YELLOW) → DRIVER KICK PANEL

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

TRIM SWITCH DISABLE BY-PASS RELAY

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output

Required on Focus without factory perimeter alarm

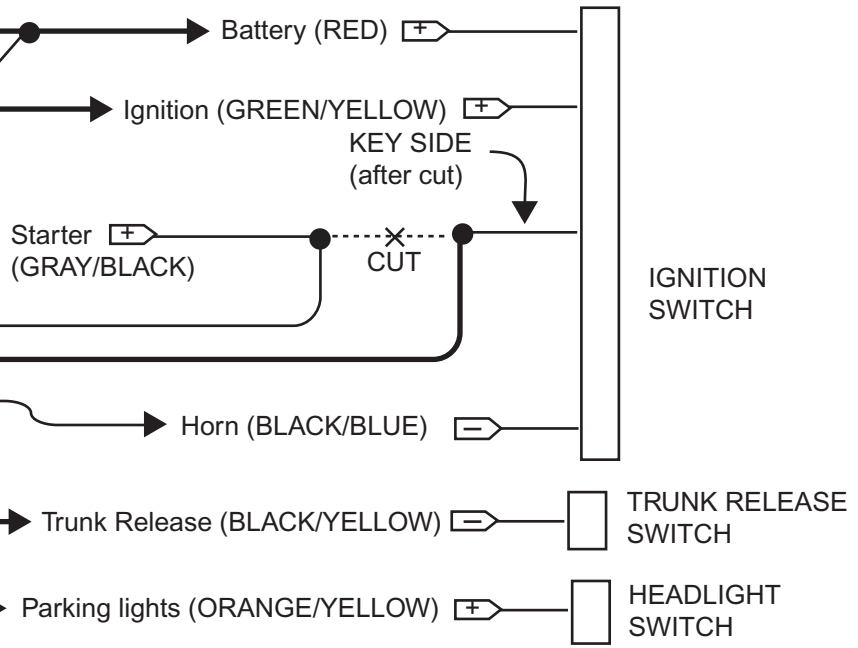


***NOTE:Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Alarm Disarm Output.**

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output (-)
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
Page	Revision Date
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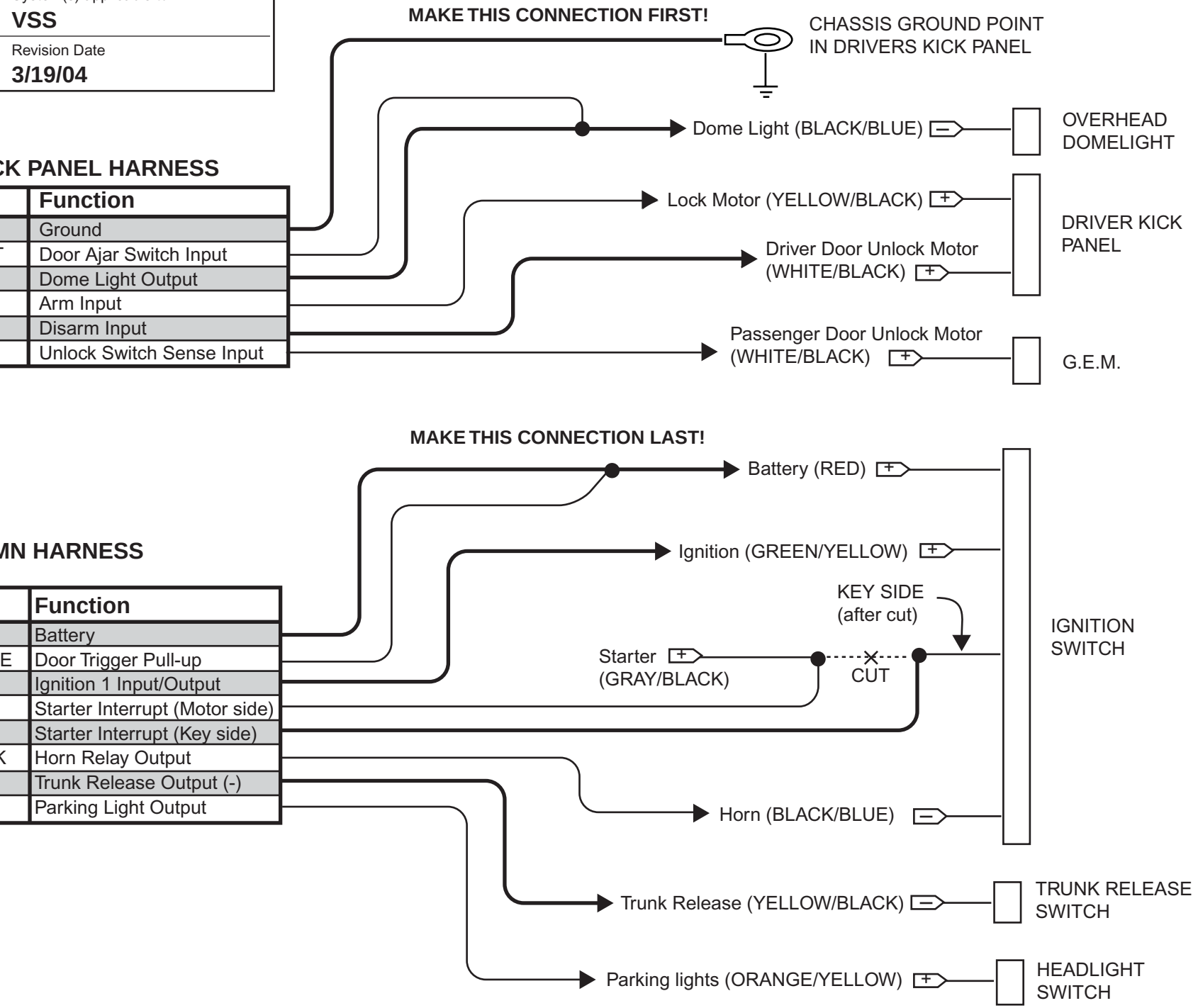
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output (-)
A-1	WHITE	Parking Light Output

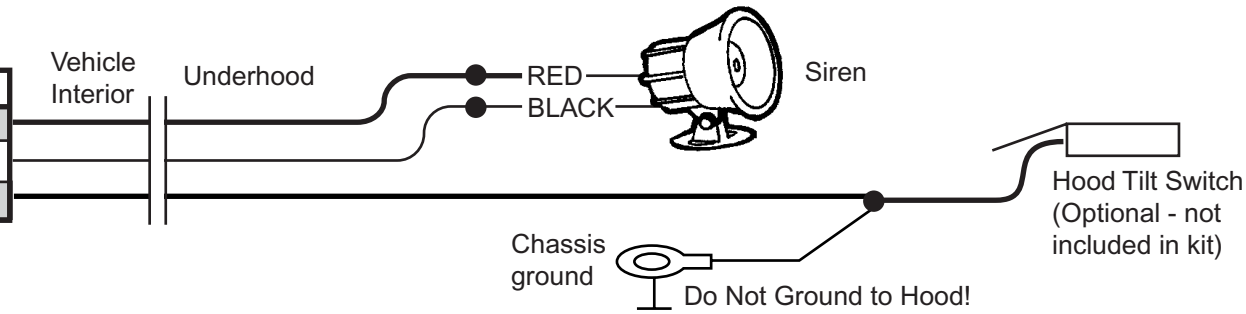


Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**VSS & RKE/VSS**
Page	Revision Date
1 of 1	**3/19/04**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**Preload**
Page	Revision Date
1 of 2	**3/19/04**

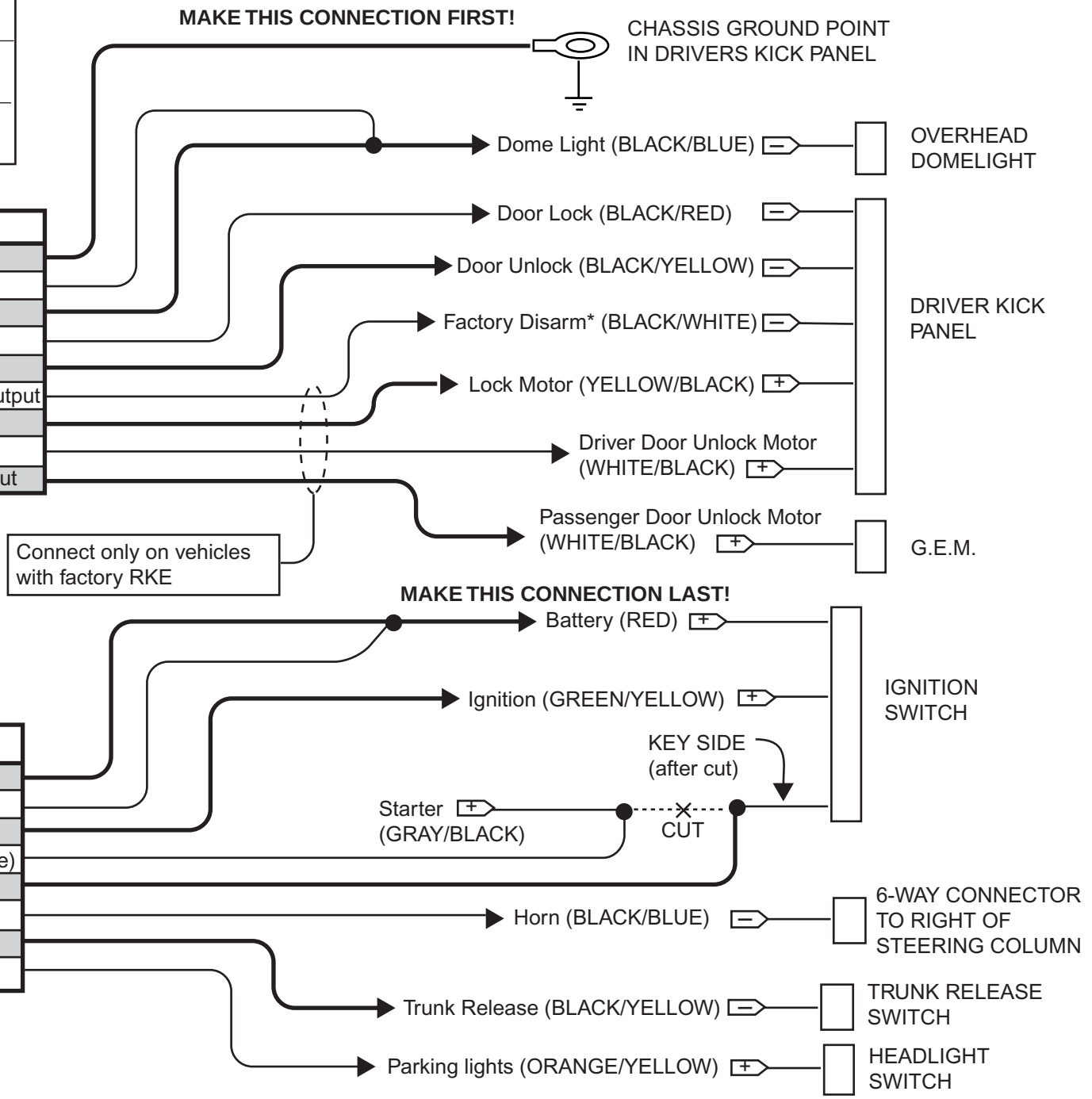
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input

* Note: If vehicle is equipped with factory RKE, but no factory perimeter alarm, a relay (not supplied) must be wired to by-pass the trim switch disable feature. See page 2 of 2 for diagram.

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output (-)
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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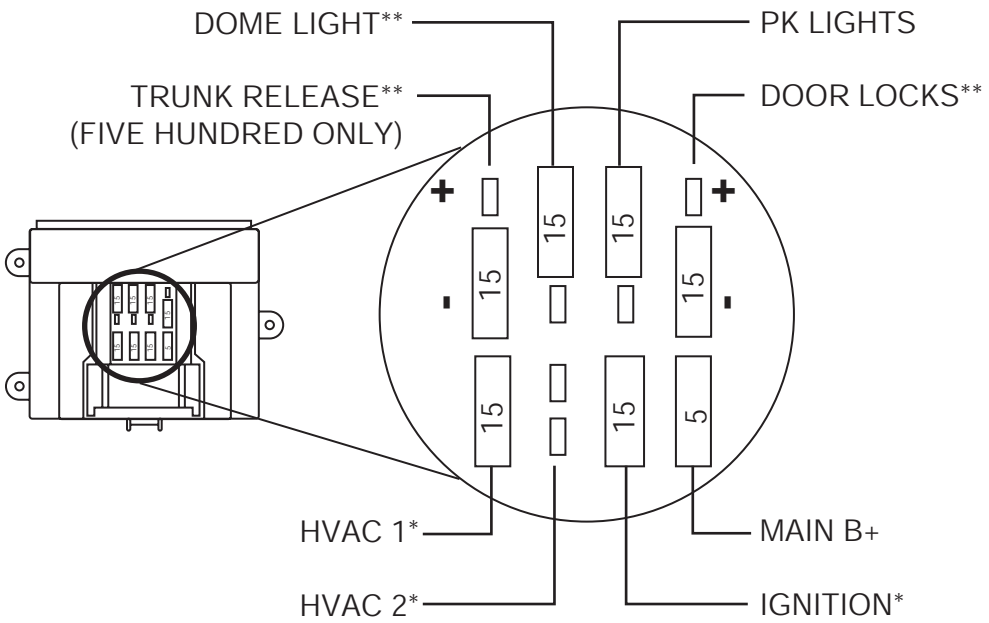
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2005: 1L2Z-19G365-AB (Kit 3)

RELAY REQUIREMENTS:

1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

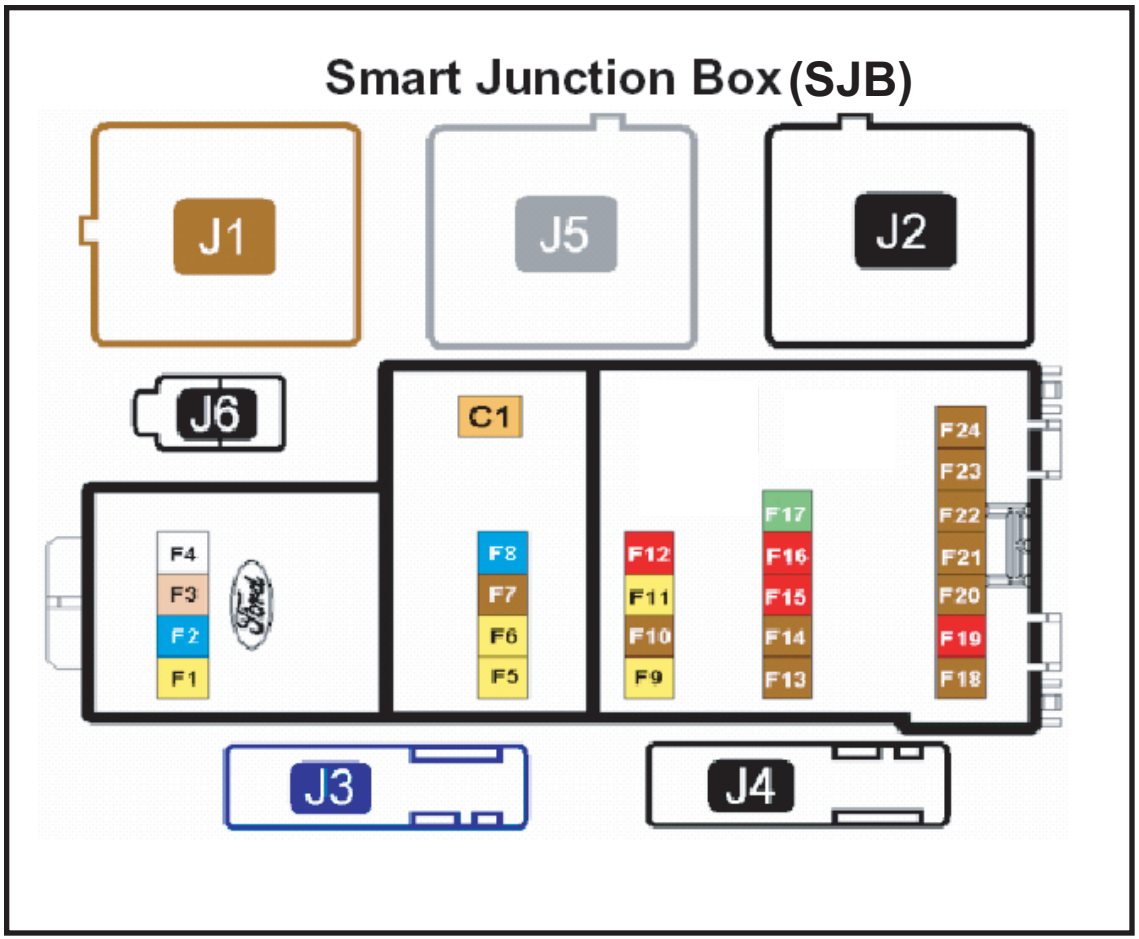
VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defrost (Aux 2) Time	0.5 Sec. (Default Setting)

MODULE MOUNTING LOCATION:

Left side of dashboard behind headlight switch

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level ALL	System(s) applicable to: ALL
Page 1 of 1	Revision Date 5/24/04



Location: Behind Driver's Side Lower Dashboard Crash Panel

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
1 of 3	**5/24/04**

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Optional Installation Feature see Optional Connections page 3 of 3

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC1 Output
B-8	BLACK/WHITE	Key-in-sense Input
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Battery (RED) (+)

Ignition (LT GREEN/VIOLET) (+)

Heater (GRAY/YELLOW) (+)

Key-in-Sense (YELLOW) (+)

Starter (DK GREEN) (+) — X CUT — (+)

Key Side After Cut

IGNITION SWITCH HARNESS

UNDERHOOD HARNESS

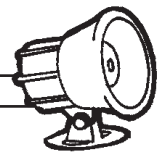
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

Siren (w/VSS only)

RED

BLACK



HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (UNCOMMON SIDE) (−)

FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wirewill result in vehicle damage!

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	System(s) applicable to:
ALL	RKE/VSS/RMST
Page	Revision Date
2 of 3	5/24/04

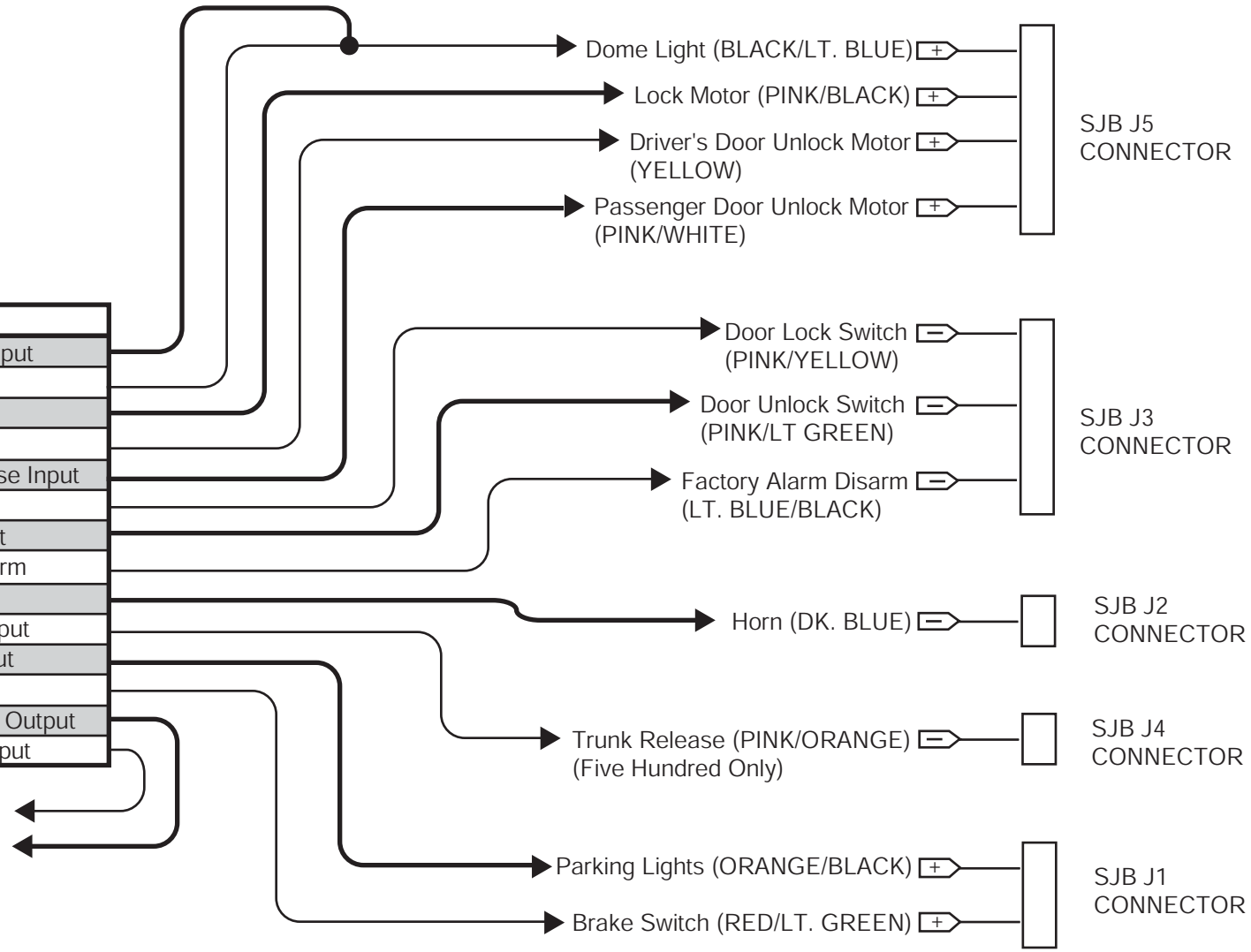
(NOTE: ALSO INCLUDES RKE/RMST)

See "SJB Layout" page for connector locations.

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-11	BLUE/WHITE	Rear Defroster Output

Optional Installation Feature
See Optional connections

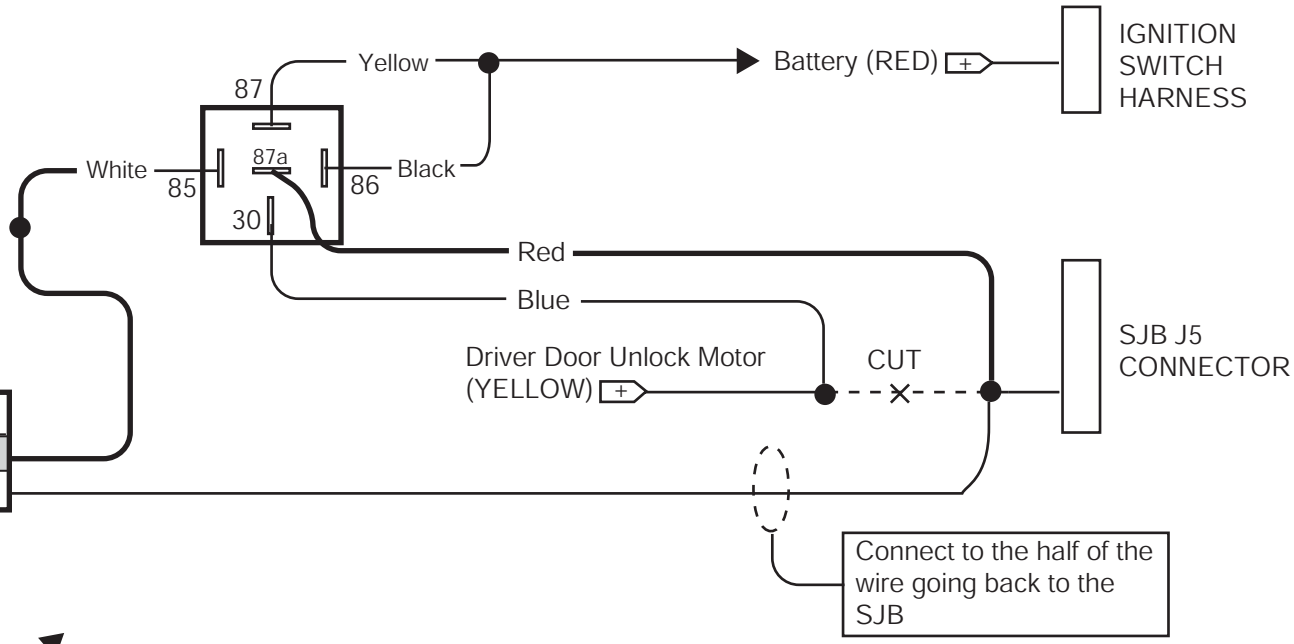


Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 3	**5/24/04**

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

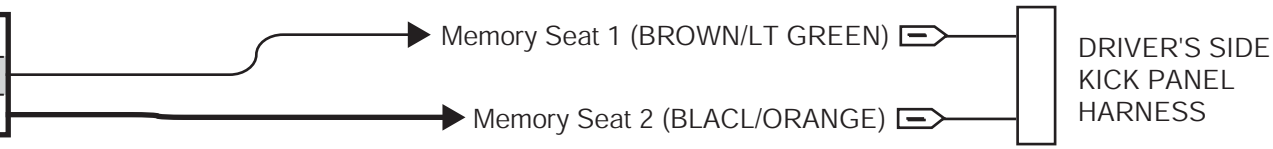
Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

REAR DEFROSTER

	Color	Function
C-11	BLUE/WHITE	Rear Defroster Output

MEMORY SEATS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output



Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
1 of 1	**5/24/04**

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

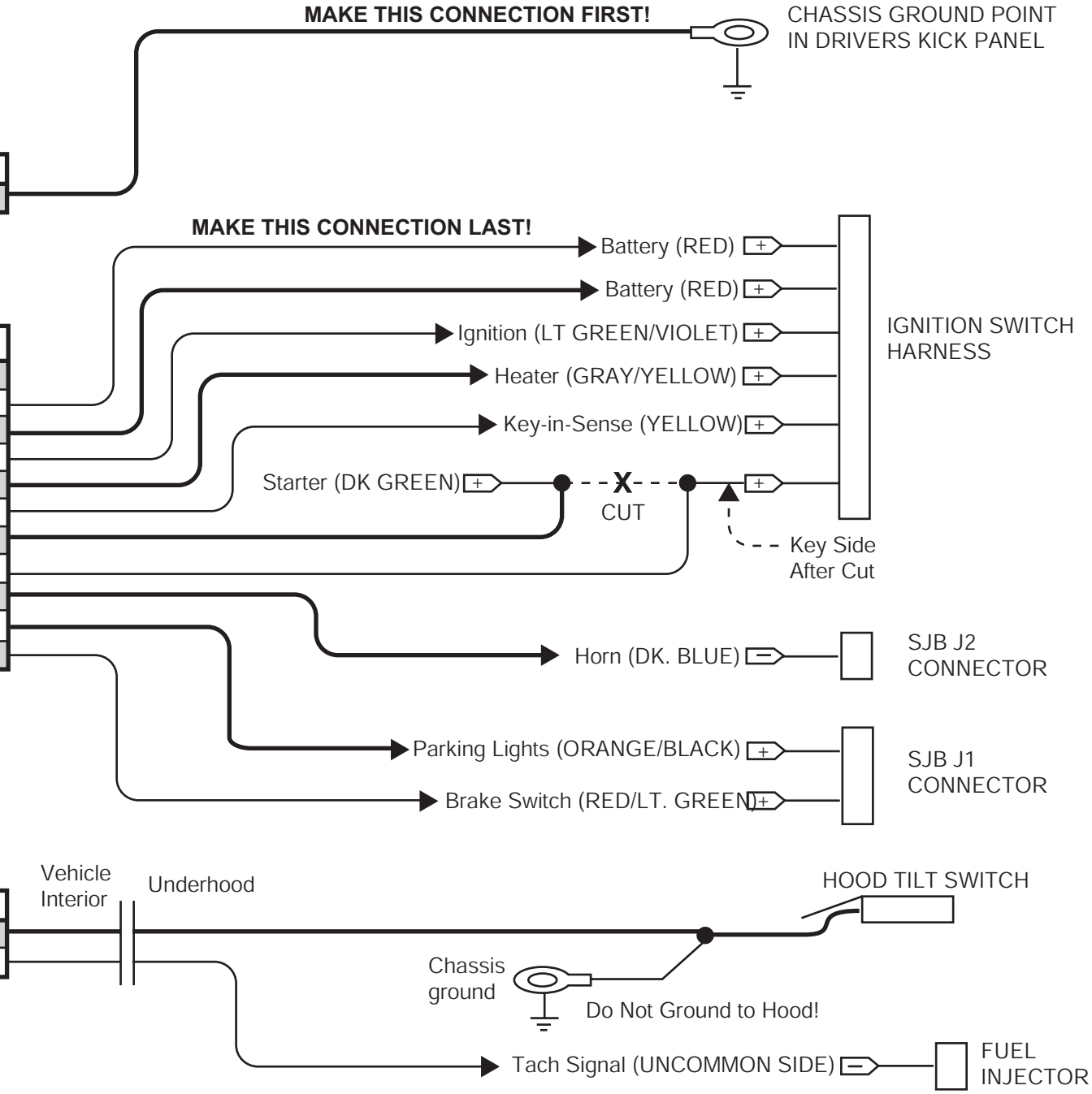
STEERING COLUMN HARNESS

	Color	Function
A-5	BLACK	Ground
A-4	RED	Battery
B-2	RED	HVAC1 Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC1 Output
B-8	BLACK/WHITE	Key-in-sense Input
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
1 of 3	**5/24/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output

Optional Installation Feature see
Optional Connections page 3 of 3

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery Feed
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side

Battery (RED) (+)
Ignition (LT GREEN/VIOLET) (+)
Starter (DK GREEN) (+)
X CUT
(+)
Key Side After Cut

IGNITION SWITCH HARNESS

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

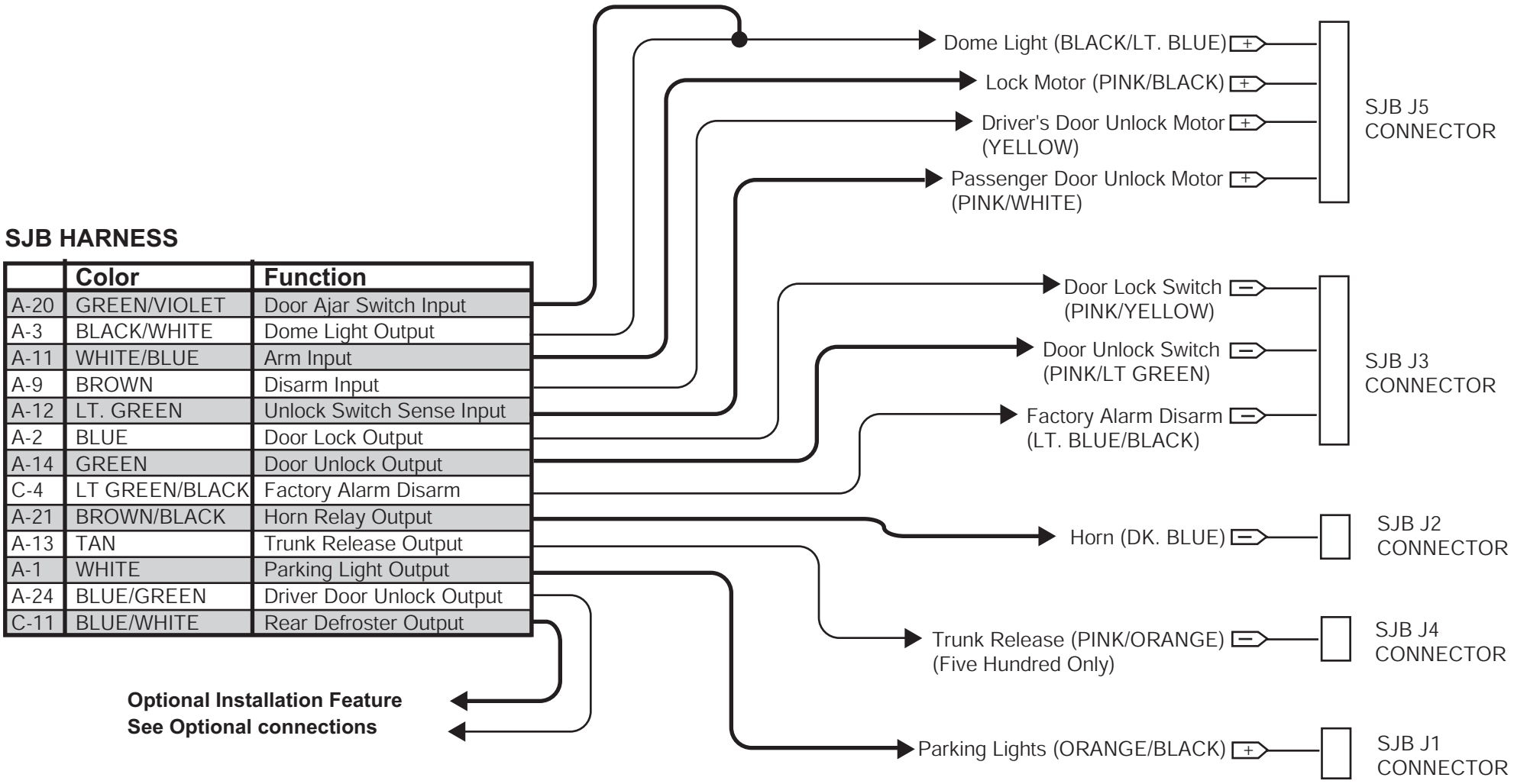
Vehicle Interior | Underhood

RED
BLACK

Siren

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
2 of 3	**5/24/04**

See "SJB Layout" page for connector locations.



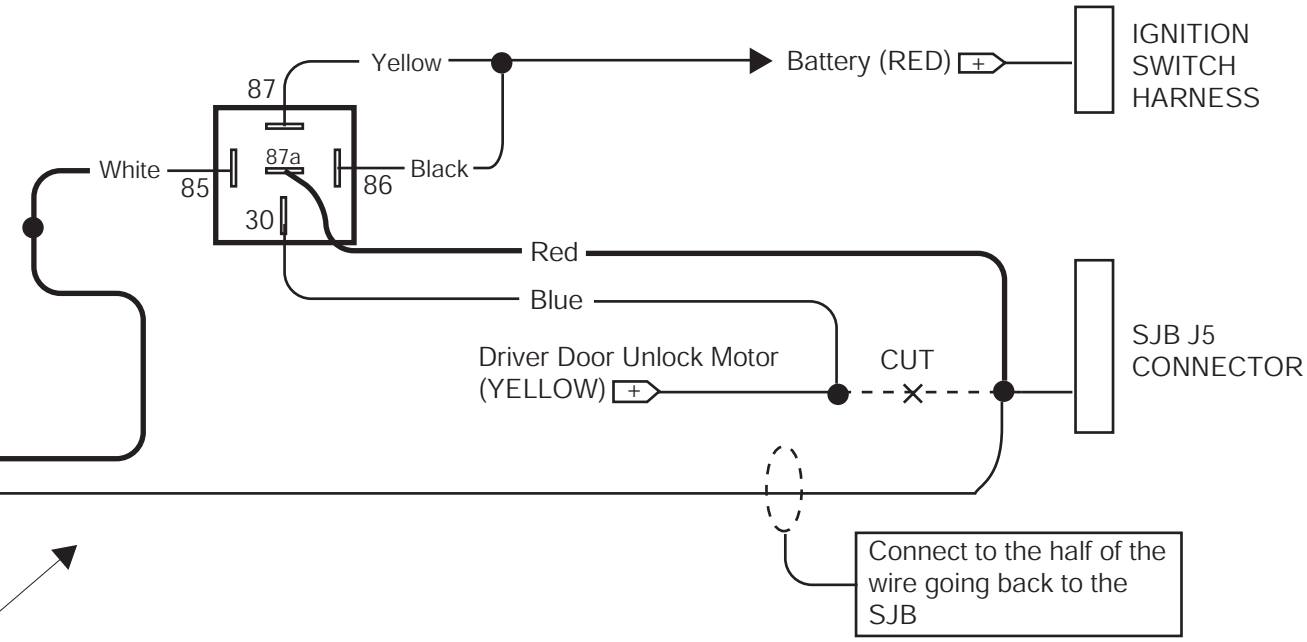
SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-11	BLUE/WHITE	Rear Defroster Output

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
3 of 3	**5/24/04**

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

OPTIONAL CONNECTIONS



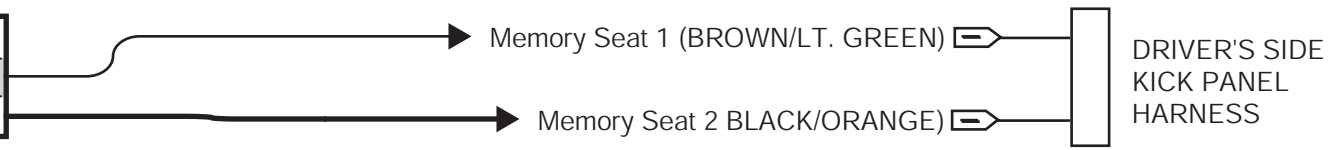
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

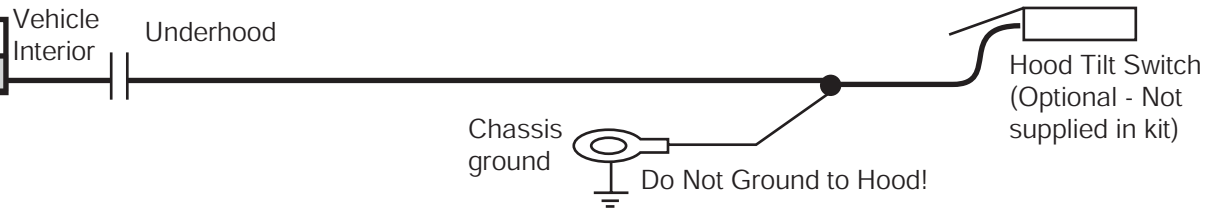
MEMORY SEATS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output



UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS & RKE**
Page	Revision Date
1 of 1	**5/24/04**

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery Feed
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (LT GREEN/VIOLET) (+)

Starter (DK GREEN) (+) — X — CUT — (+)

Key Side After Cut

IGNITION SWITCH HARNESS

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/LT. BLUE) (+) — SJB J5 CONNECTOR

Door Lock Switch (PINK/YELLOW) (−)

Door Unlock Switch (PINK/LT GREEN) (−)

Factory Alarm Disarm (LT. BLUE/BLACK) (−)

SJB J3 CONNECTOR

Horn (DK. BLUE) (−) — SJB J2 CONNECTOR

Trunk Release (PINK/ORANGE) (−)
(Five Hundred Only) — SJB J4 CONNECTOR

Parking Lights (ORANGE/BLACK) (+) — SJB J1 CONNECTOR

See "SJB Layout" page for connector locations.

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
1 of 1	**5/24/04**

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery Feed
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (LT GREEN/VIOLET) (+)

Starter (DK GREEN) (+) — X — CUT — (+)

Key Side After Cut

IGNITION SWITCH HARNESS

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/LT. BLUE) (+)

Lock Motor (PINK/BLACK) (+)

Driver's Door Unlock Motor (YELLOW) (+)

Passenger Door Unlock Motor (PINK/WHITE) (+)

SJB J5 CONNECTOR

Horn (DK. BLUE) (−)

SJB J2 CONNECTOR

Parking Lights (ORANGE/BLACK) (+)

SJB J1 CONNECTOR

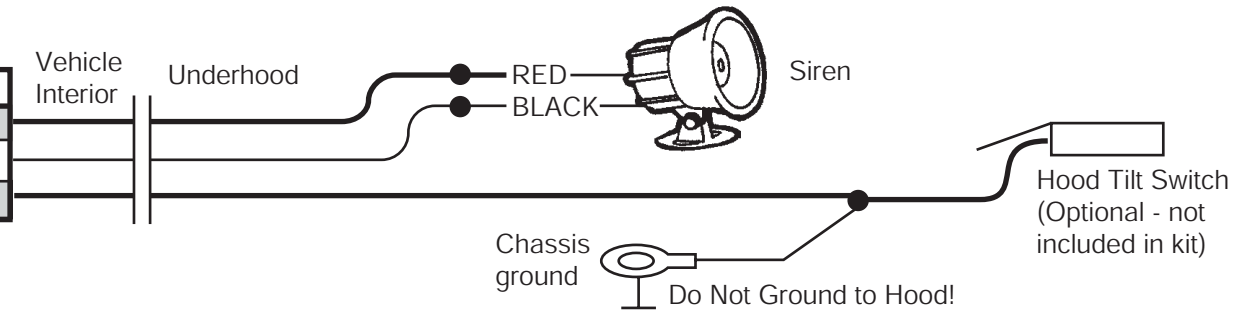
See "SJB Layout" page for connector locations.

Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS & RKE/VSS**
Page	**Revision Date**
1 of 1	**5/24/04**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Five Hundred/Freestyle	
Equipment or Trim level ALL	System(s) applicable to: PRELOAD
Page 1 of 1	Revision Date 5/24/04

See "SJB Layout" page for connector locations.

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery Feed
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (LT GREEN/VIOLET) (+)

Starter (DK GREEN) (+) — X — CUT — (+)

IGNITION SWITCH HARNESS

Key Side After Cut

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output

Dome Light (BLACK/LT. BLUE) (+)

Lock Motor (PINK/BLACK) (+)

Driver's Door Unlock Motor (YELLOW) (+)

Passenger Door Unlock Motor (PINK/WHITE) (+)

SJB J5 CONNECTOR

Door Lock Switch (PINK/YELLOW) (−)

Door Unlock Switch (PINK/LT GREEN) (−)

Factory Alarm Disarm (LT. BLUE/BLACK) (−)

SJB J3 CONNECTOR

Horn (DK. BLUE) (−)

SJB J2 CONNECTOR

Trunk Release (PINK/ORANGE) (−)
(Five Hundred Only)

SJB J4 CONNECTOR

Parking Lights (ORANGE/BLACK) (+)

SJB J1 CONNECTOR

***NOTE:Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Alarm Disarm Output.**

Vehicle (Year/Make/Model)	
'02-'05 Focus	
Equipment or Trim level	System(s) applicable to:
ALL	**Preload**
Page	Revision Date
2 of 2	**3/19/04**

***NOTE:Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Alarm Disarm Output.**

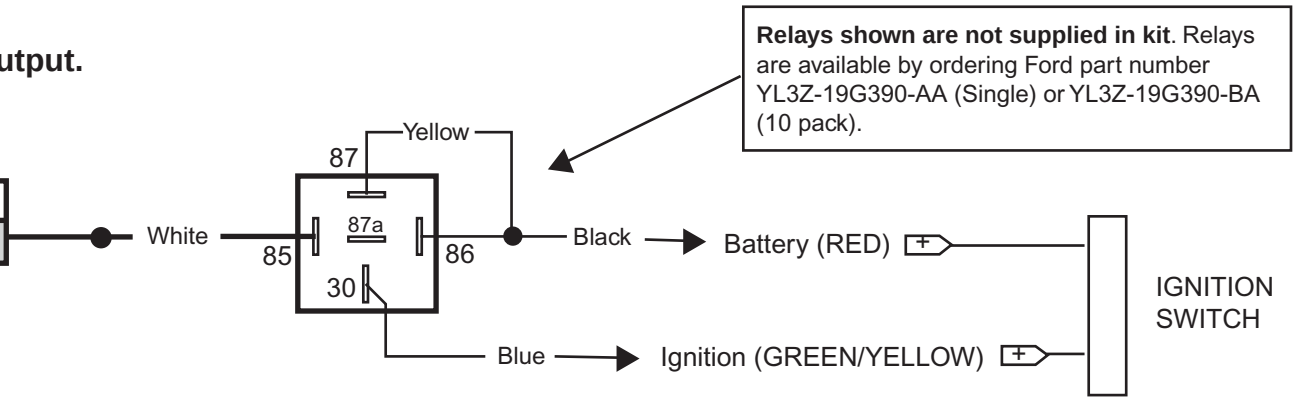
TRIM SWITCH DISABLE BY-PASS RELAY

	Color	Function
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output

Required on Focus without factory perimeter alarm

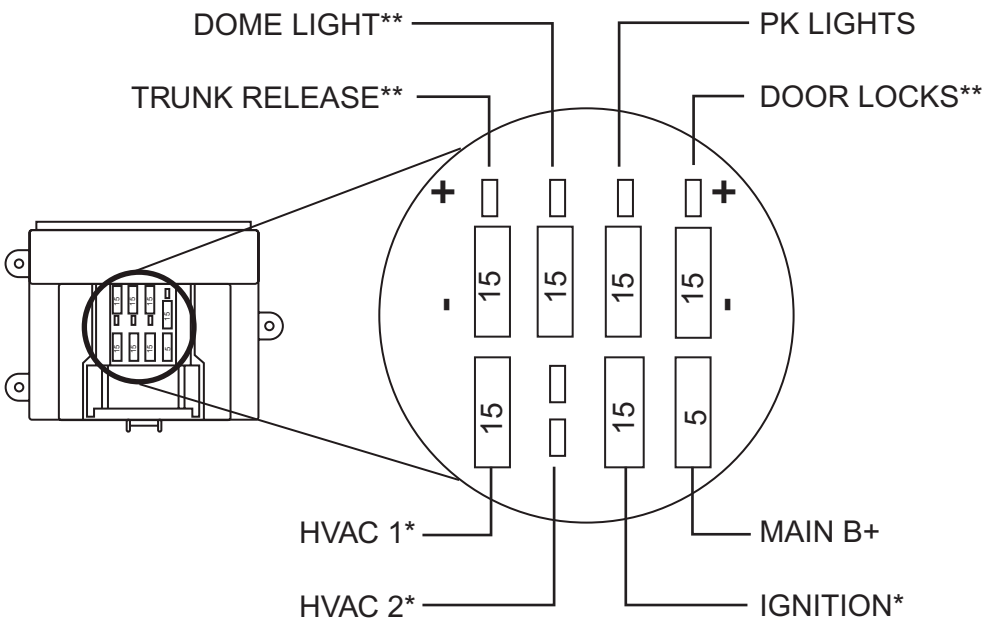
IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **1/5/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

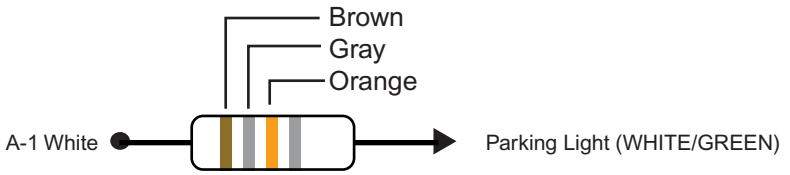
SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

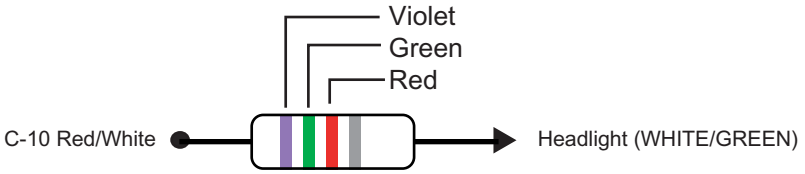
2002: 1S4Z-19G365-AB

RESISTOR REQUIREMENTS:

Parking Lights- 1.8k ohm required on all systems



Headlights (optional)- 750 ohm required on all systems



VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defroster	10 Min.

MODULE MOUNTING LOCATION:

Behind headlight switch panel

Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Trunk Release Output
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-2	BLACK/GREEN	Windows Down Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/WHITE) (−) — DRIVERS SIDE UNDERDASH LIGHT

Door Lock (BLACK/BLUE) (−)

Door Unlock (BLACK/WHITE) (−)

Lock Motor (YELLOW/BLACK) (+)

Driver Door Unlock Motor (WHITE/VIOLET) (+)

DDM INSIDE DRIVERS DOOR

Unlock Switch Sense (WHITE/BLACK) (+) — UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Trunk Release (WHITE) (−) — TRUNK RELEASE SWITCH

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (BROWN/GREEN) (−) — FUEL INJECTOR

Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
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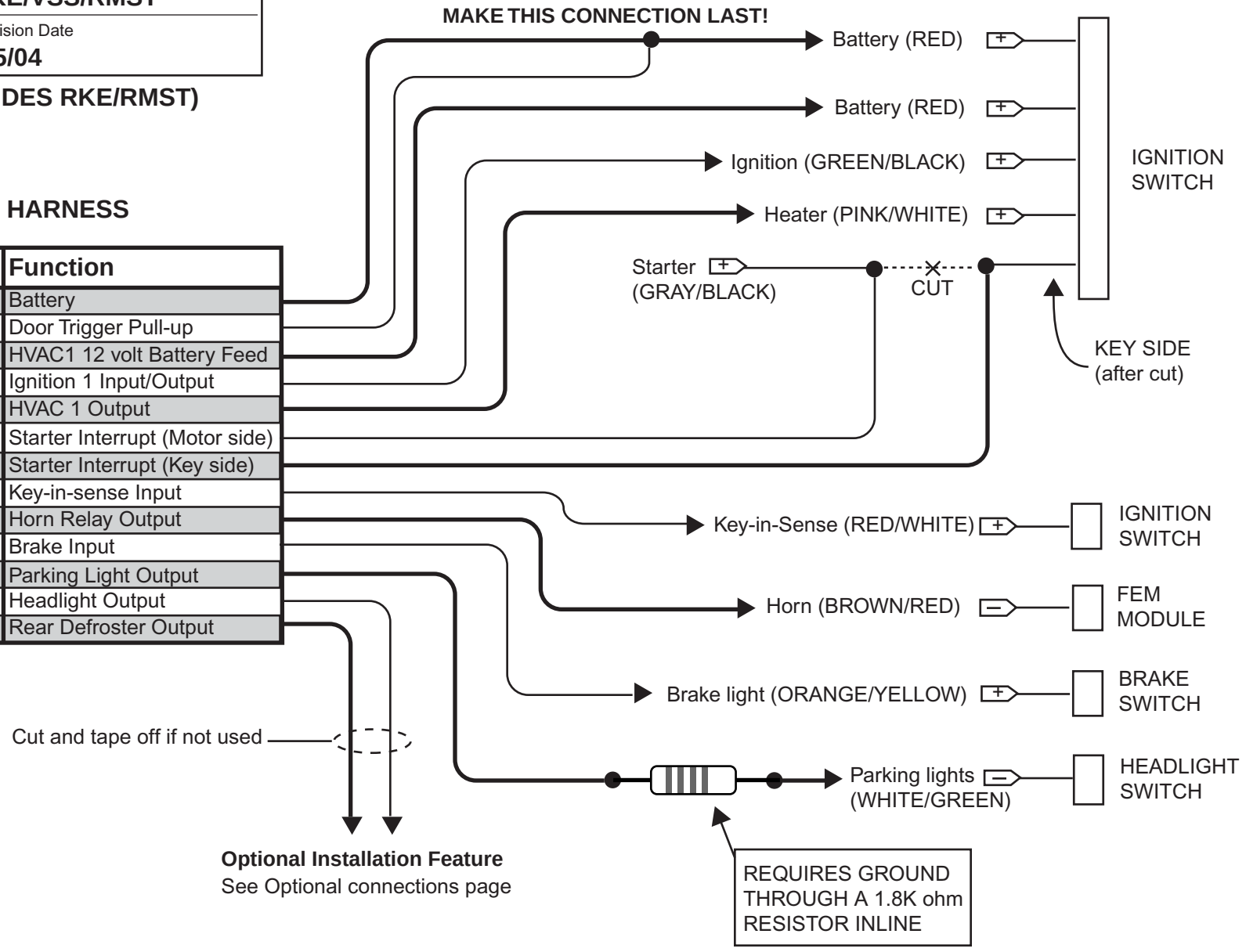
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
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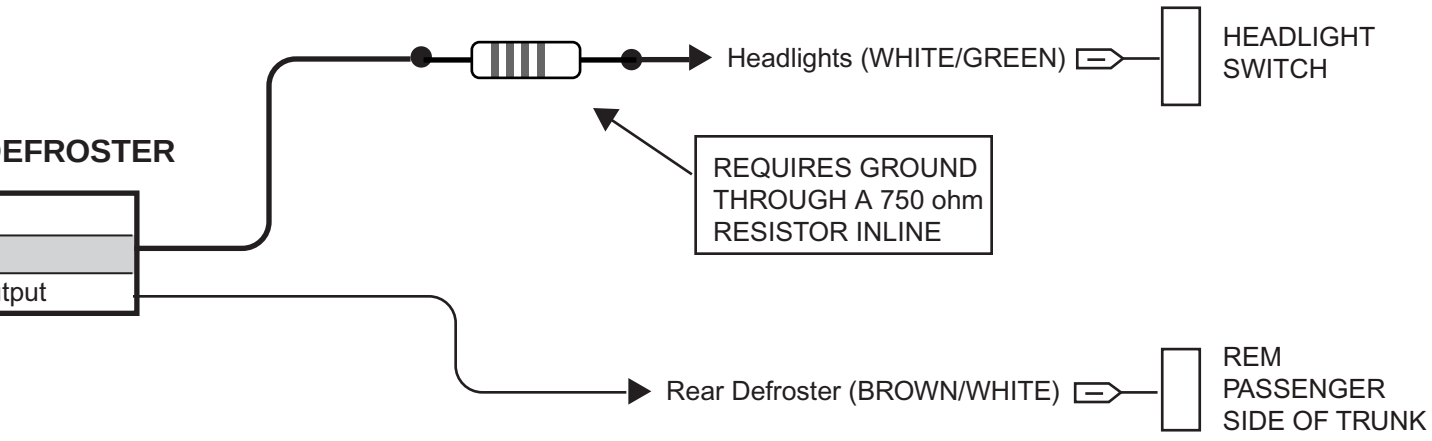
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



NOTE:

Program the "Aux 2 (Rear Defroster) time" (Option #2, Option Bank #4) option to ON.

DRIVER DOOR UNLOCK NOTE:

Driver door only or All door unlock on the first press of unlock is controlled by the programming of the DDM (same as with the factory RKE system). To change the behavior of this feature refer to the vehicle service manual.

Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
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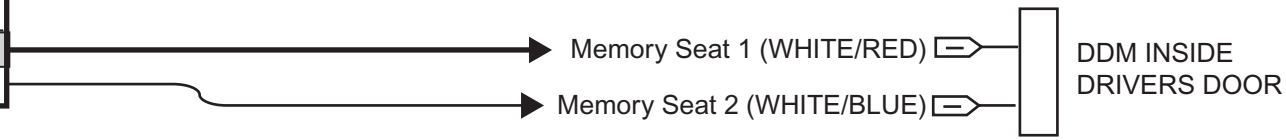
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS Contd

MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output



EXPRESS WINDOWS DOWN (IF EQUIPPED)

	Color	Function
A-14	GREEN	Door Unlock Output
C-2	BLACK/GREEN	Windows Down Output

NOTE:

Program the "Aux 3 time" (Option #3, Option Bank #4) option to OFF.

Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
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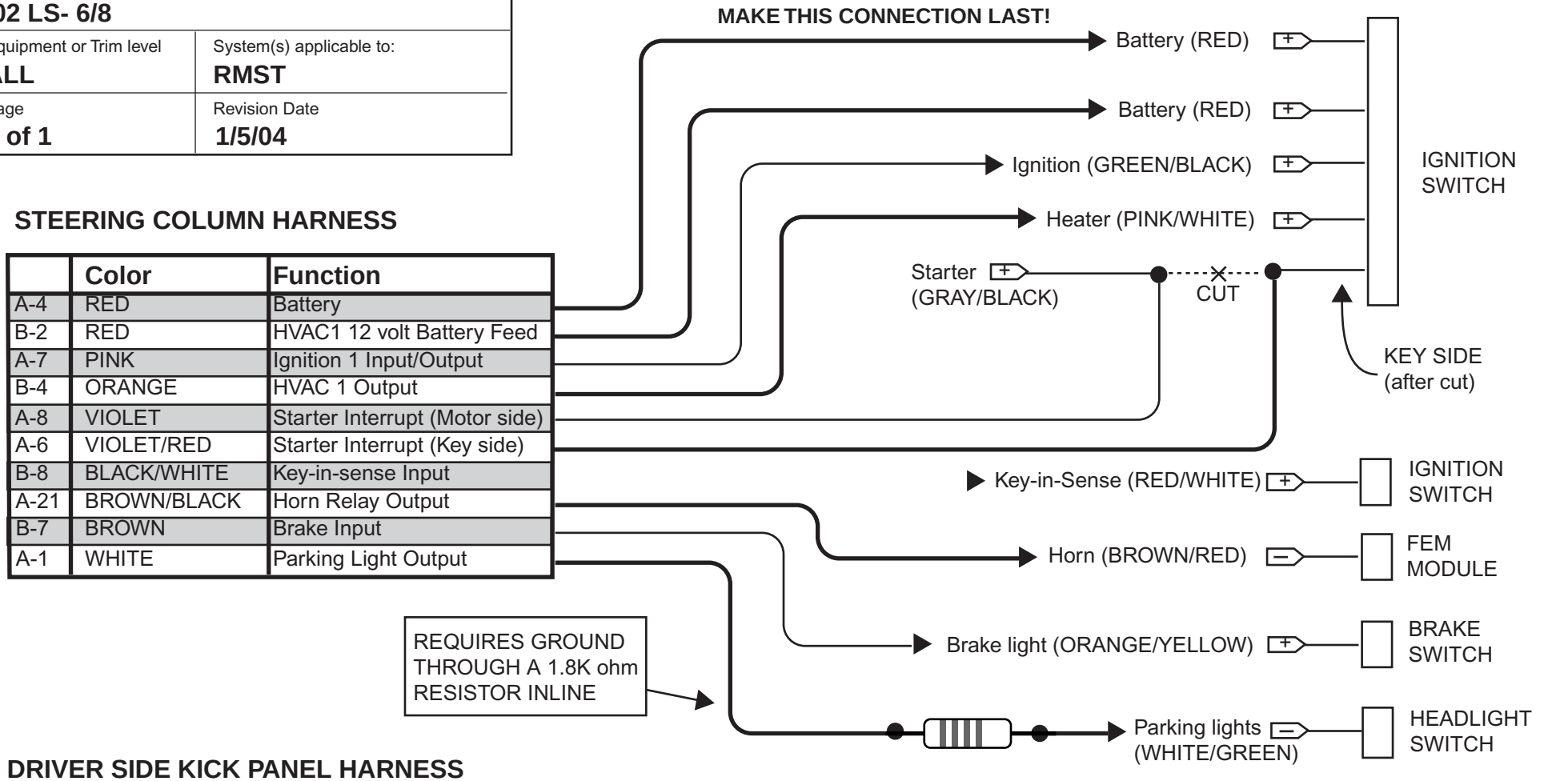
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

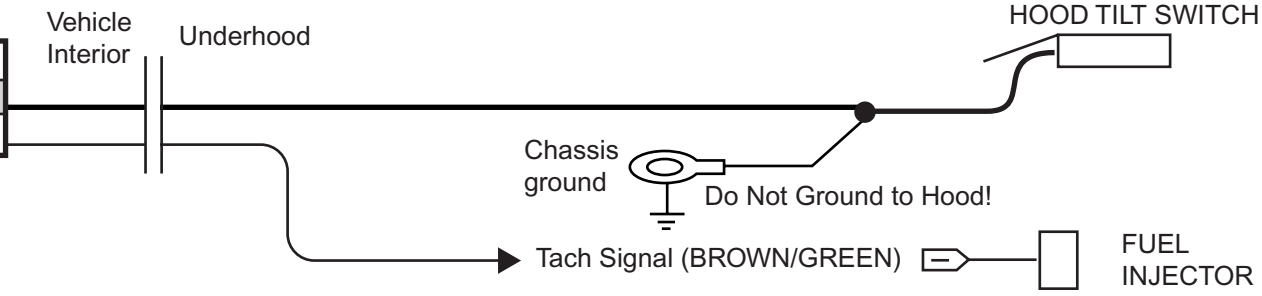


DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-2	BLACK/GREEN	Windows Down Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Trunk Release Output

Dome Light (BLACK/WHITE) (−) → DRIVERS SIDE UNDERDASH LIGHT

Door Lock (BLACK/BLUE) (−)

Door Unlock (BLACK/WHITE) (−)

Lock Motor (YELLOW/BLACK) (+)

Driver Door Unlock Motor (WHITE/VIOLET) (+)

Memory Seat 1 (WHITE/RED) (−)

Memory Seat 2 (WHITE/BLUE) (−)

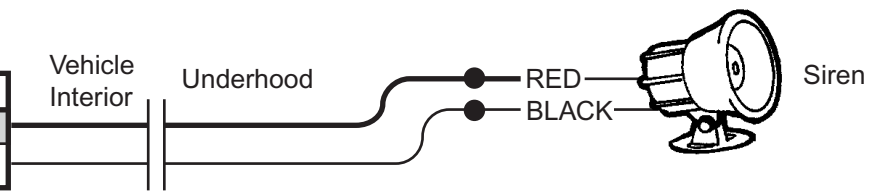
→ DDM INSIDE DRIVERS DOOR

Unlock Switch Sense (WHITE/BLACK) (+) → UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Trunk Release (WHITE) (−) → TRUNK RELEASE SWITCH

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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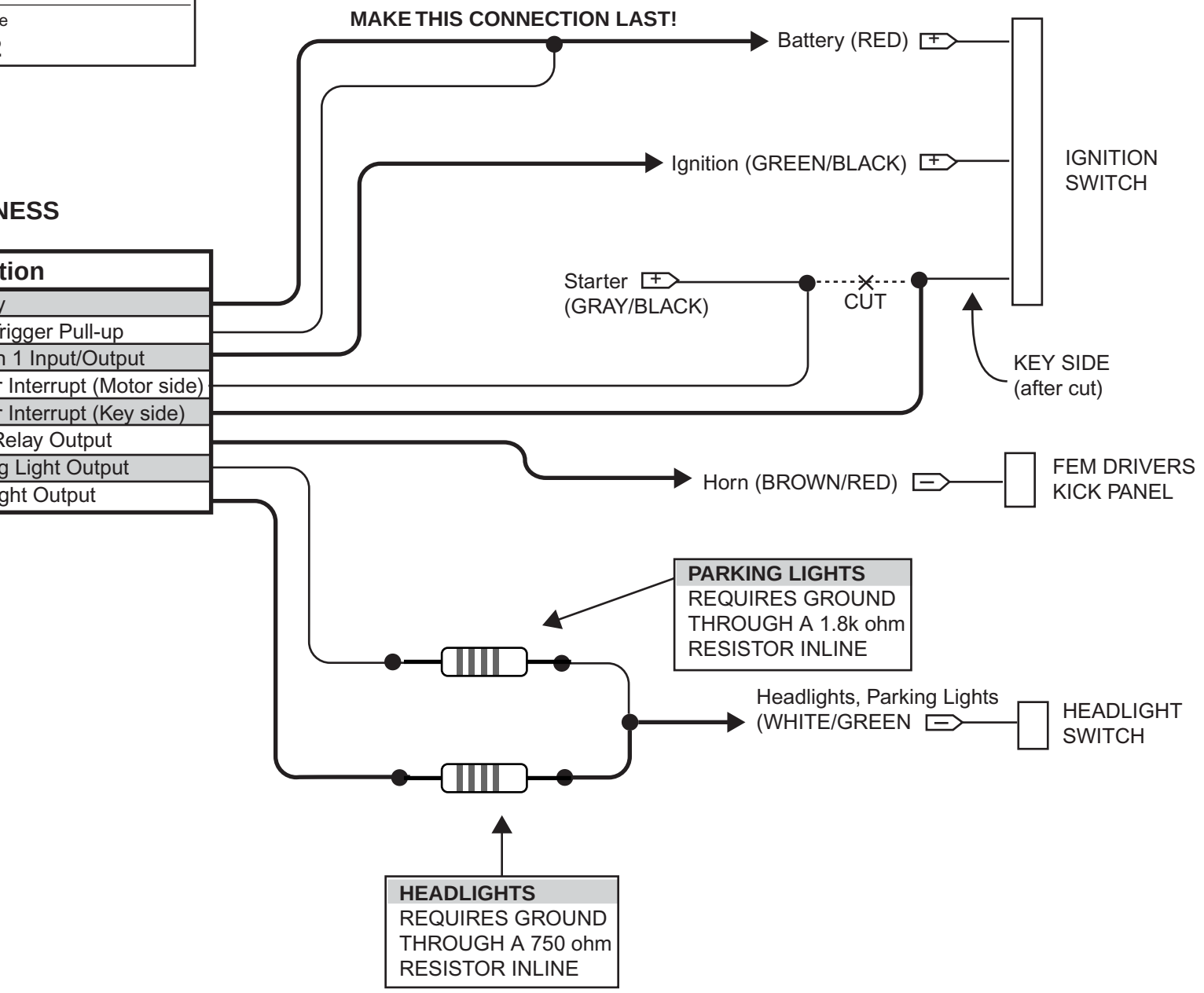
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
’02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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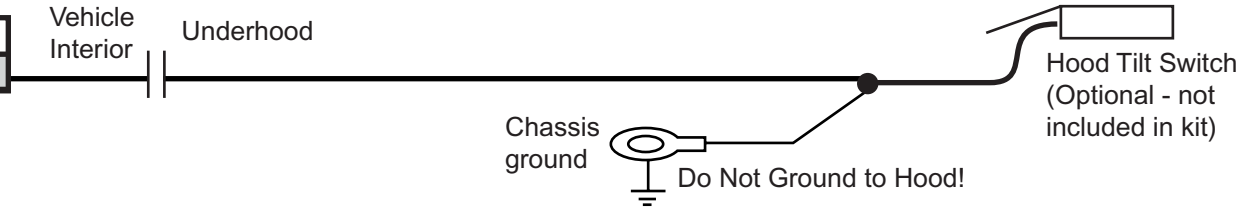
OPTIONAL CONNECTIONS

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**VSS**
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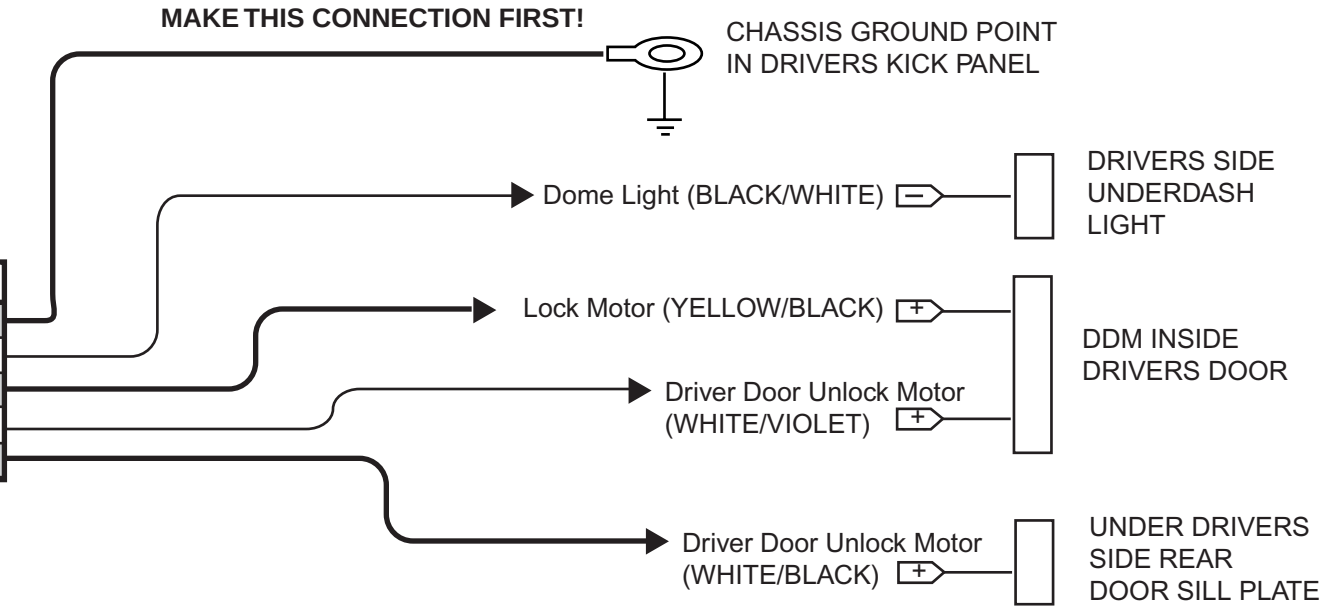
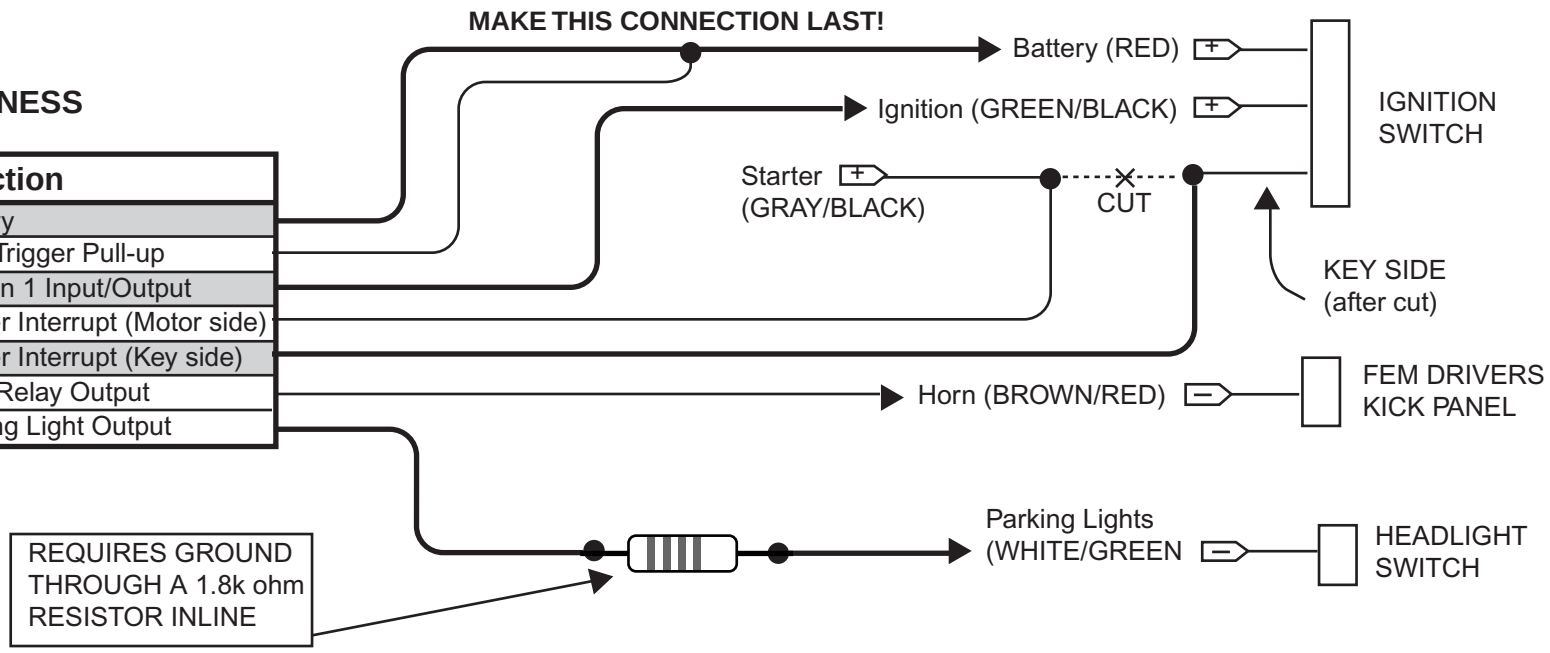
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense



STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Vehicle (Year/Make/Model)	
’02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**VSS & RKE/VSS**
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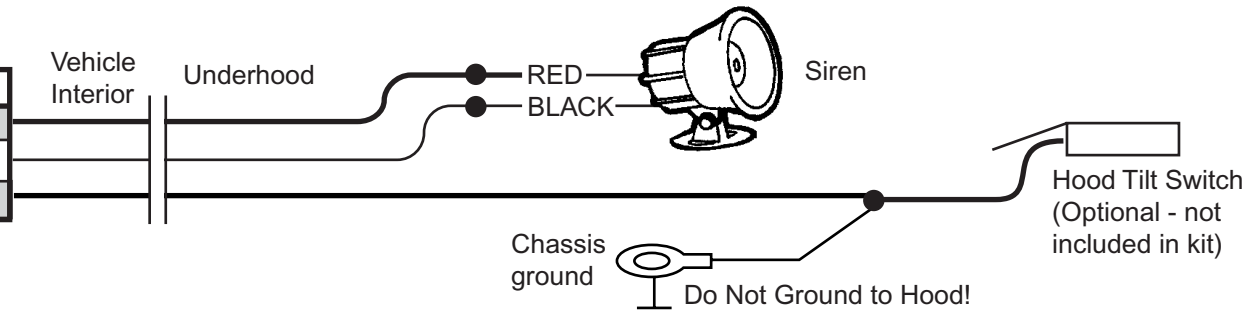
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02 LS- 6/8	
Equipment or Trim level	System(s) applicable to:
ALL	**Preload**
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DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-24	BLUE/GREEN	Trunk Release Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

Dome Light (BLACK/WHITE) (−) — DRIVERS SIDE UNDERDASH LIGHT

Door Lock (BLACK/BLUE) (−)

Door Unlock (BLACK/WHITE) (−)

Lock Motor (YELLOW/BLACK) (+)

Driver Door Unlock Motor (WHITE/VIOLET) (+)

DDM INSIDE DRIVERS DOOR

Unlock Switch Sense (WHITE/BLACK) (+) — UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Trunk Release (WHITE) (−) — TRUNK RELEASE SWITCH

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (RED) (+)

Ignition (GREEN/BLACK) (+) — IGNITION SWITCH

Starter (GRAY/BLACK) (+) — CUT

KEY SIDE (after cut)

Horn (BROWN/RED) (−) — FEM DRIVERS KICK PANEL

REQUIRES GROUND THROUGH A 1.8k ohm RESISTOR INLINE

Parking Lights (WHITE/GREEN (−) — HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
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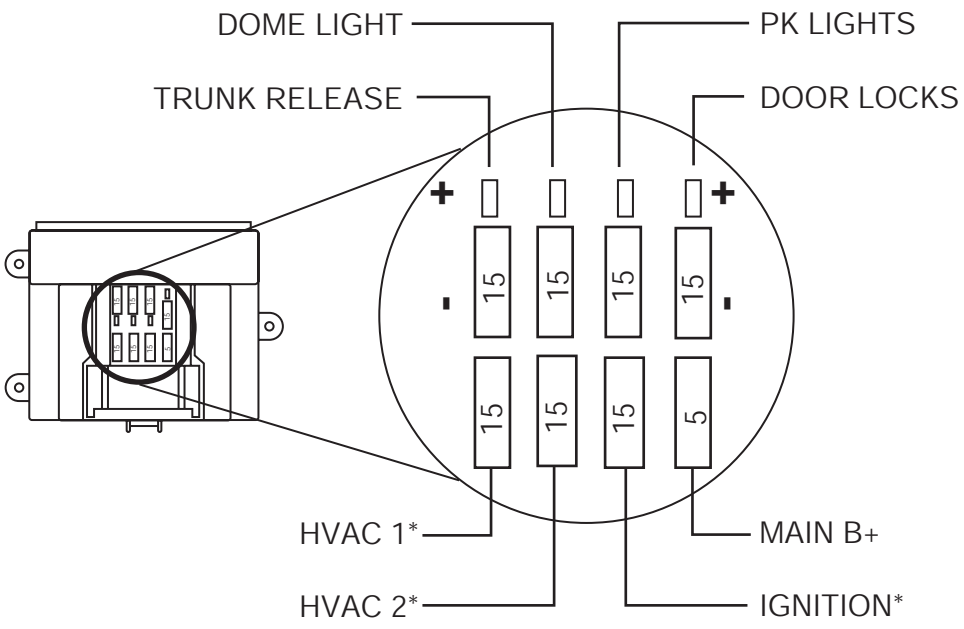
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

REMOTE START REQUIRED PARTS:

SecuriLock (PATS) Interface 2003-05: 1L2Z-19G365-AB
In-line Diode Harness 2003-05: 5W4Z-14A604-AA

ADDITIONAL PARTS NEEDED

1-Relay-Parking Lights Part # YL3Z-19G390-AA
1-Relay-Headlights (Optional) Part # YL3Z-19G390-AA

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Aux 2 (Rear Defroster Time)	10 minute

MODULE MOUNTING LOCATION:

Behind headlight switch panel

Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/RMST**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT GREEN	Unlock Switch Sense
A-13	TAN	Trunk Release Output
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output
C-2	BLACK/GREEN	Windows Down Output

Dome Light (BLACK/WHITE) (−) — DRIVERS SIDE UNDERDASH LIGHT

Door Lock (BLACK/BLUE) (−)

Door Unlock (BLACK/WHITE) (−)

Lock Motor (YELLOW/BLACK) (+)

Driver Door Unlock Motor (WHITE/VIOLET) (+)

— DDM INSIDE DRIVERS DOOR

Unlock Switch Sense (WHITE/BLACK) (+) — UNDER DRIVERS SIDE REAR DOOR SILL PLATE

Trunk Release (WHITE) (−) — TRUNK RELEASE SWITCH

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (BROWN/GREEN) (−) — FUEL INJECTOR

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/RMST**
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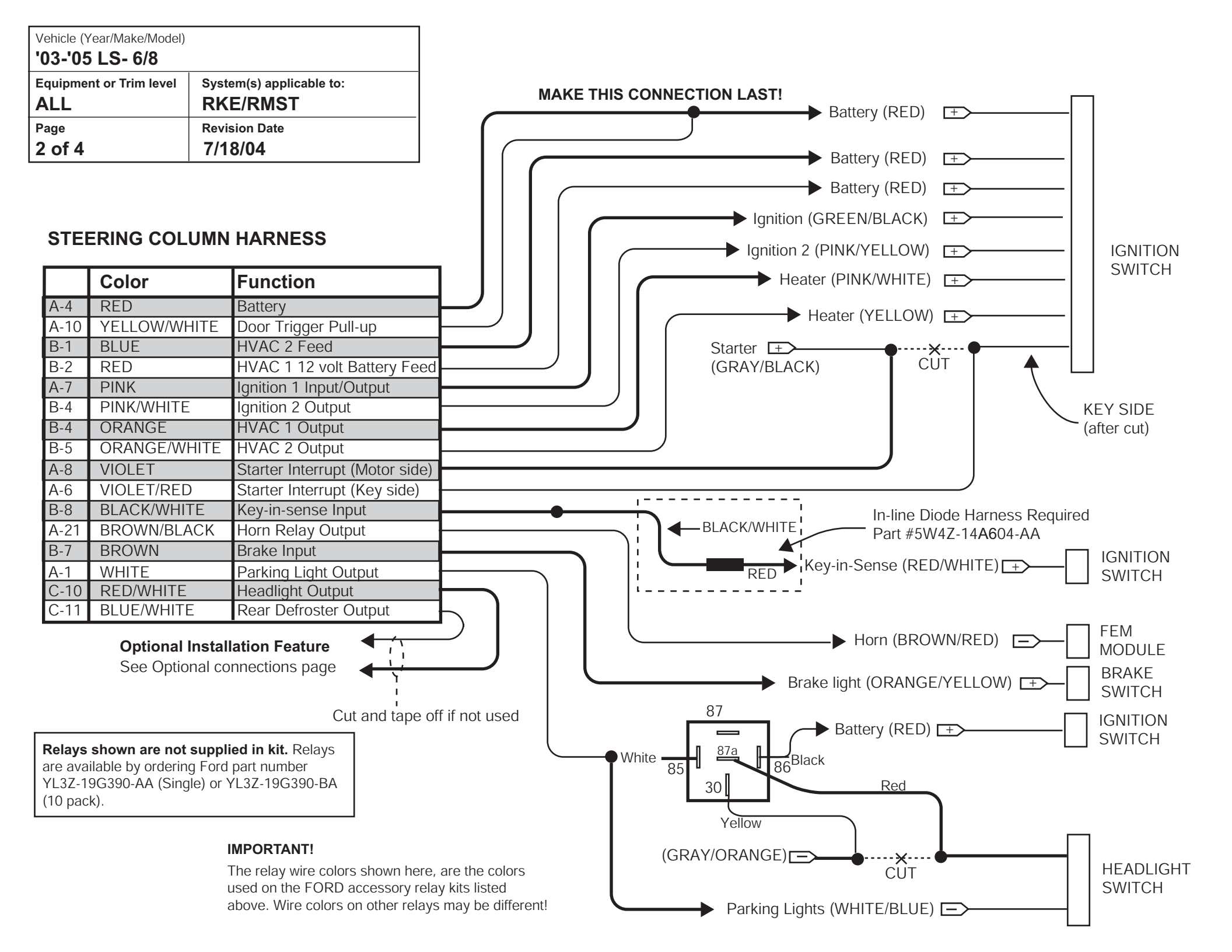

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
B-1	BLUE	HVAC 2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/RMST**
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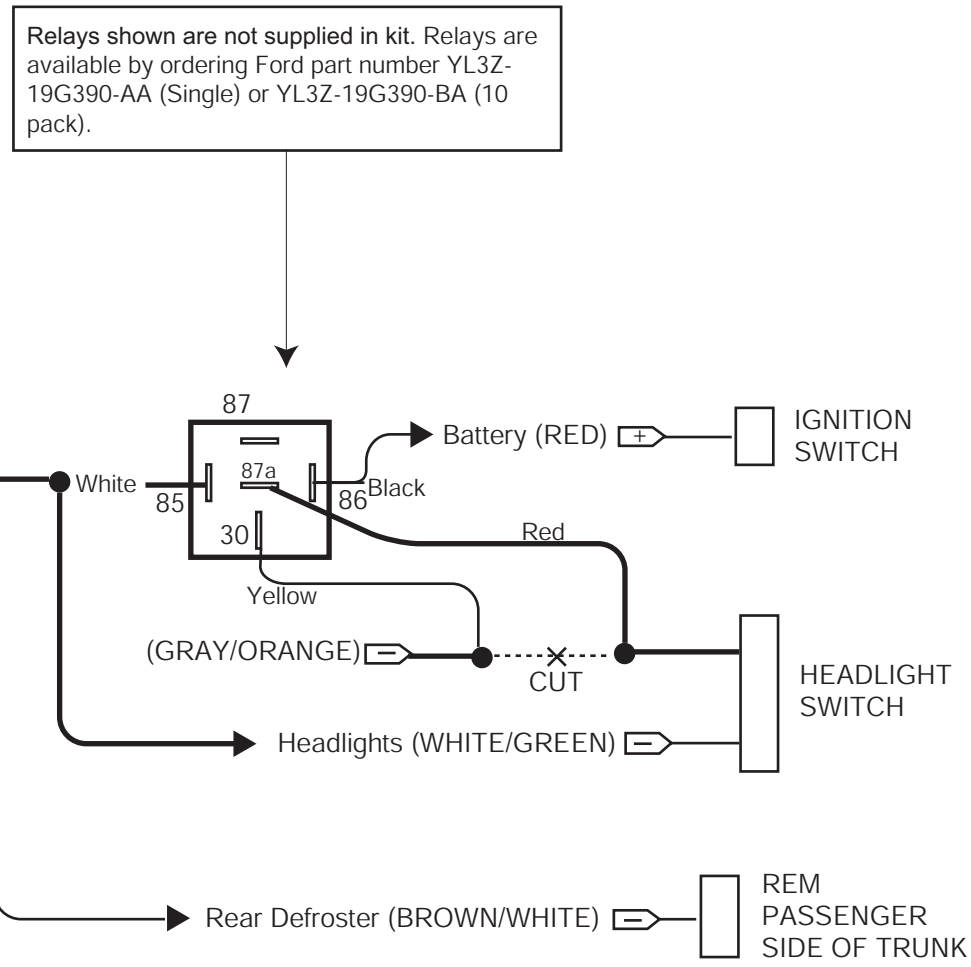
OPTIONAL CONNECTIONS

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



NOTE:

Program the "Aux 2 (Rear Defroster) time" (Option #2, Option Bank #4) option to ON.

DRIVER DOOR UNLOCK NOTE:

Driver door only or All door unlock on the first press of unlock is controlled by the programming of the DDM (same as with the factory RKE system). To change the behavior of this feature refer to the vehicle service manual.

Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/RMST**
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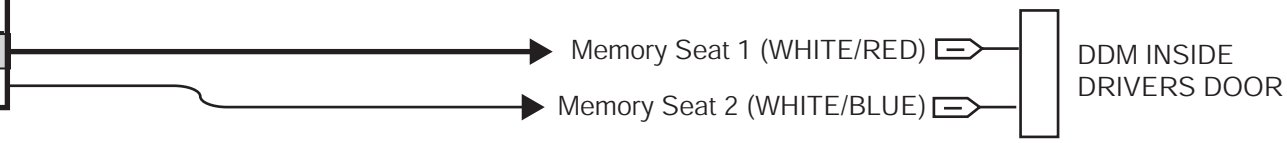
OPTIONAL CONNECTIONS Contd

MEMORY SEATS (IF EQUIPPED)

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1 Output
C-13	YELLOW/GREEN	Memory Seat 2 Output

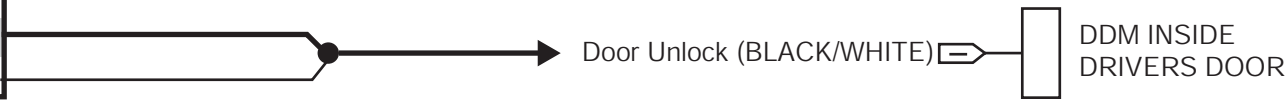


EXPRESS WINDOWS DOWN (IF EQUIPPED)

NOTE:

Program the "Aux 3 time" (Option #3, Option Bank #4) option to OFF.

	Color	Function
A-14	GREEN	Door Unlock Output
C-2	BLACK/GREEN	Windows Down Output



Vehicle (Year/Make/Model)	
'03-'05 LS- 6/8	
Equipment or Trim level	**System(s) applicable to:**
ALL	RMST
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC 2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

MAKE T HIS CONNECTION L AST!

Battery (RED)
Battery (RED)
Ignition (GREEN/BLACK)
Ignition 2 (PINK/YELLOW)
Heater (PINK/WHITE)
Heater (YELOW/WHITE)
Starter (GRAY/BLACK)
CUT
IGNITION SWITCH
KEY SIDE (after cut)

BLACK/WHITE
RED
In-line Diode Harness Required
Part #5W4Z-14A604-AA
Key-in-Sense (RED/WHITE)
IGNITION SWITCH

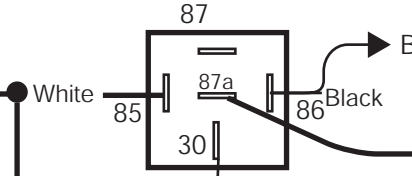
Horn (BROWN/RED)
FEM MODULE

Brake light (ORANGE/YELLOW)
BRAKE SWITCH

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Battery (RED)
IGNITION SWITCH

(GRAY/ORANGE)
CUT
HEADLIGHT SWITCH
Parking Lights (WHITE/BLUE)

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!
CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

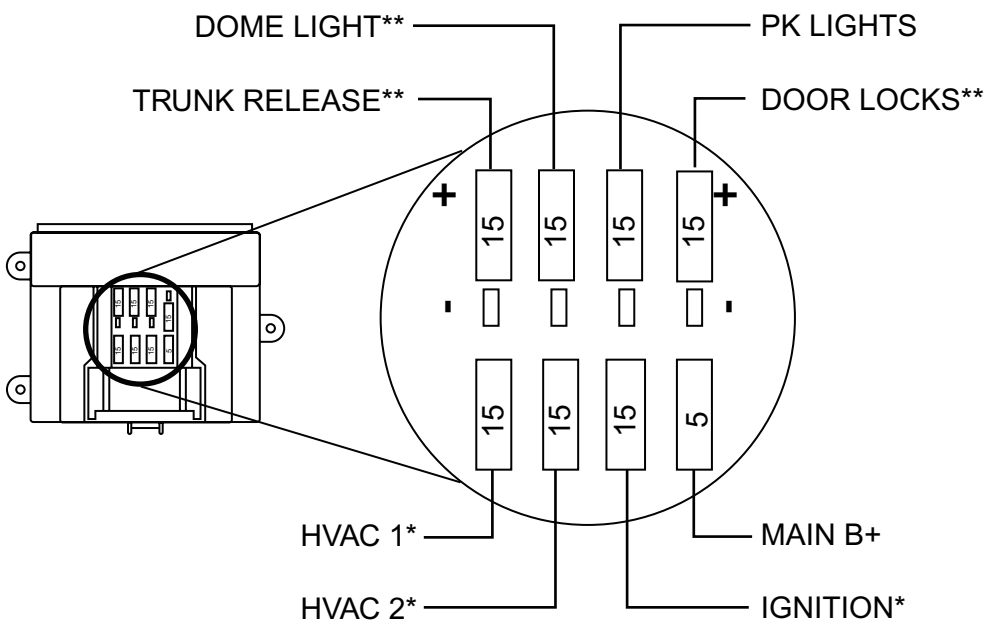
HOOD TILT SWITCH
Chassis ground
Do Not Ground to Hood!

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Tach Signal (BROWN/GREEN)
FUEL INJECTOR

Vehicle (Year/Make/Model)	
’02-’04 Mustang	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **7/15/03**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002-04: 1L3Z-19G365-AB

RELAY REQUIREMENTS:

1 - DRIVERS DOOR PRIORITY UNLOCK
1 - REAR DEFROST (OPTIONAL)
1 - HEADLIGHT ILLUMINATION (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive
Key in Sense polarity	Negative (Default setting)
Rear Defroster	0.5 sec pulse (Default)

MODULE MOUNTING LOCATION:

Above fuse box near upper drivers side kick panel.

Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
All	**RKE/VSS/RMST**
Page	Revision Date
1 of 3	**7/15/03**

(NOTE: ALSO INCLUDES RKE/RMTSTR)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREN	Driver Door Unlock Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/WHITE) +

Door Lock (GREEN) +

Door Unlock (VIOLET) +

Lock Motor (RED/WHITE) +

Driver Door Unlock Motor (RED/ORANGE) +

Factory Alarm Disarm (GREEN/VIOLET) −

GEM MODULE DRIVERS KICK PANEL

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

Trunk Release (VIOLET/YELLOW) +

DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

Siren (w/VSS only)

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN/BLACK) −

PASSENGER FRONT FUEL INJECTOR

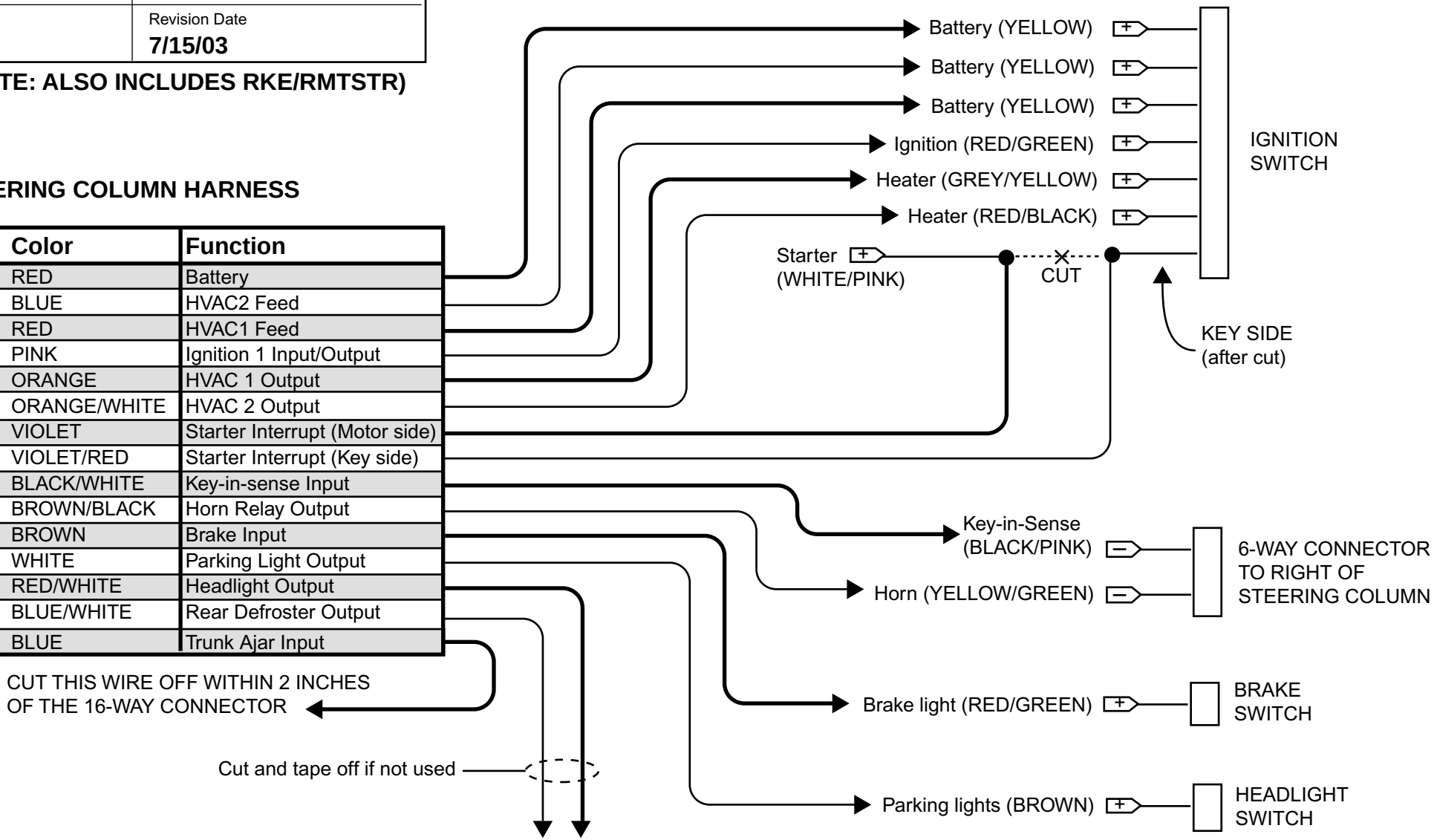
Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMTSTR**
Page **2 of 3**	Revision Date **7/15/03**

(NOTE: ALSO INCLUDES RKE/RMTSTR)

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input



Optional Installation Feature
See Optional connections page

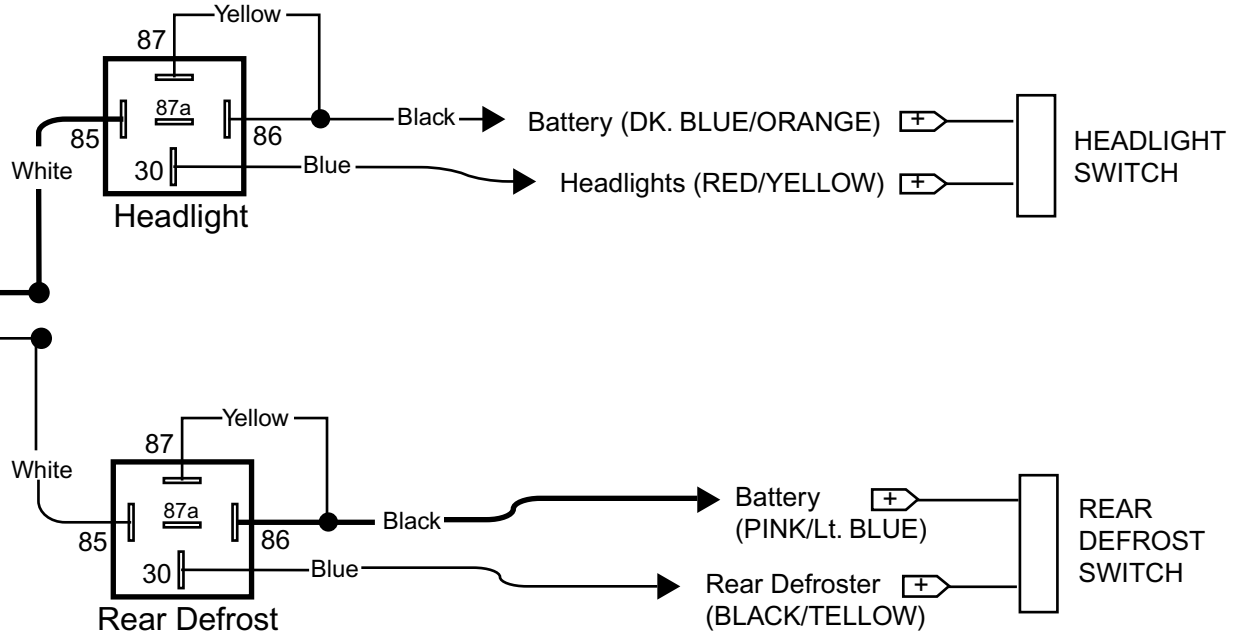
Note:
Parking light circuit can also be found in the wiring harness that runs underneath the driver's side door sill plate.

Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMTSTR**
Page **3 of 3**	Revision Date **7/15/03**

OPTIONAL CONNECTIONS

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

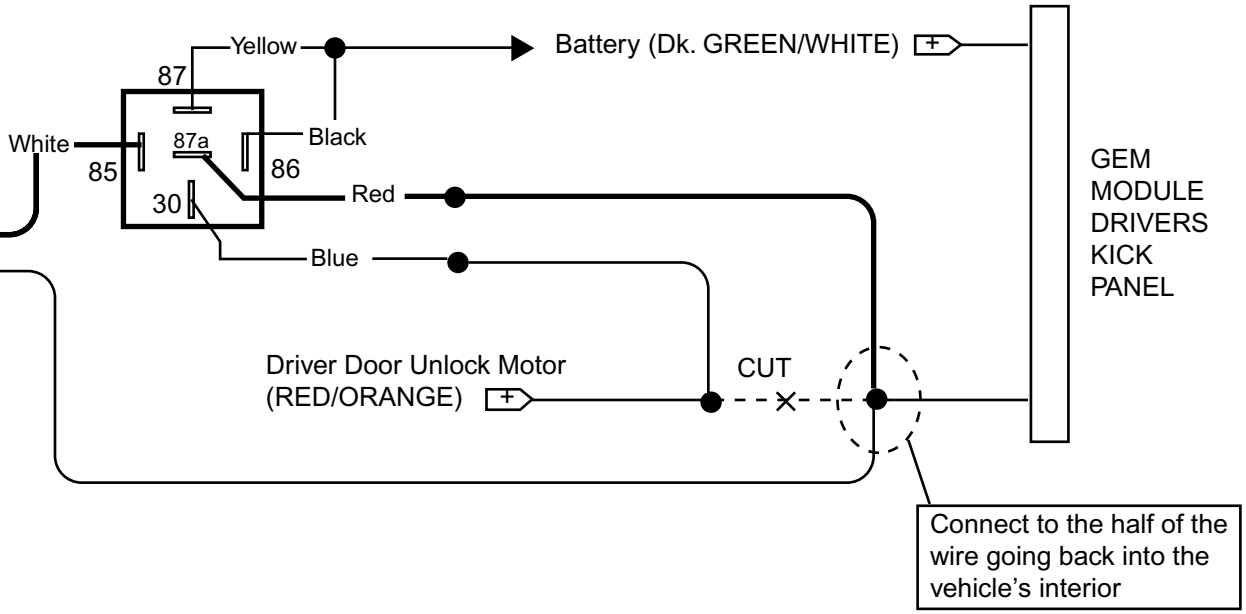


Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output (-)
A-9	BROWN	Disarm Input

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2)



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

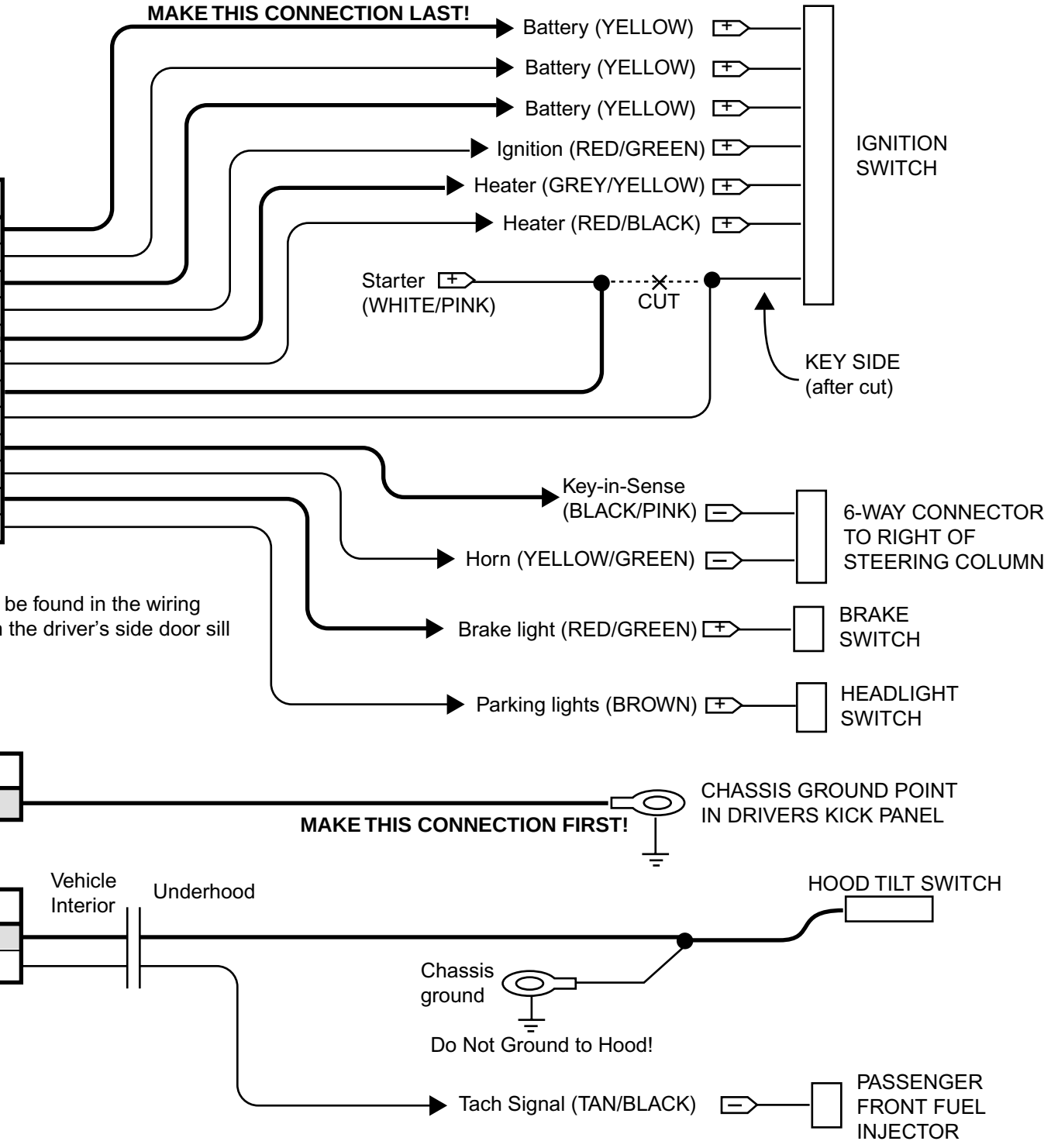
Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate.

DRIVER SIDE KICK PANEL

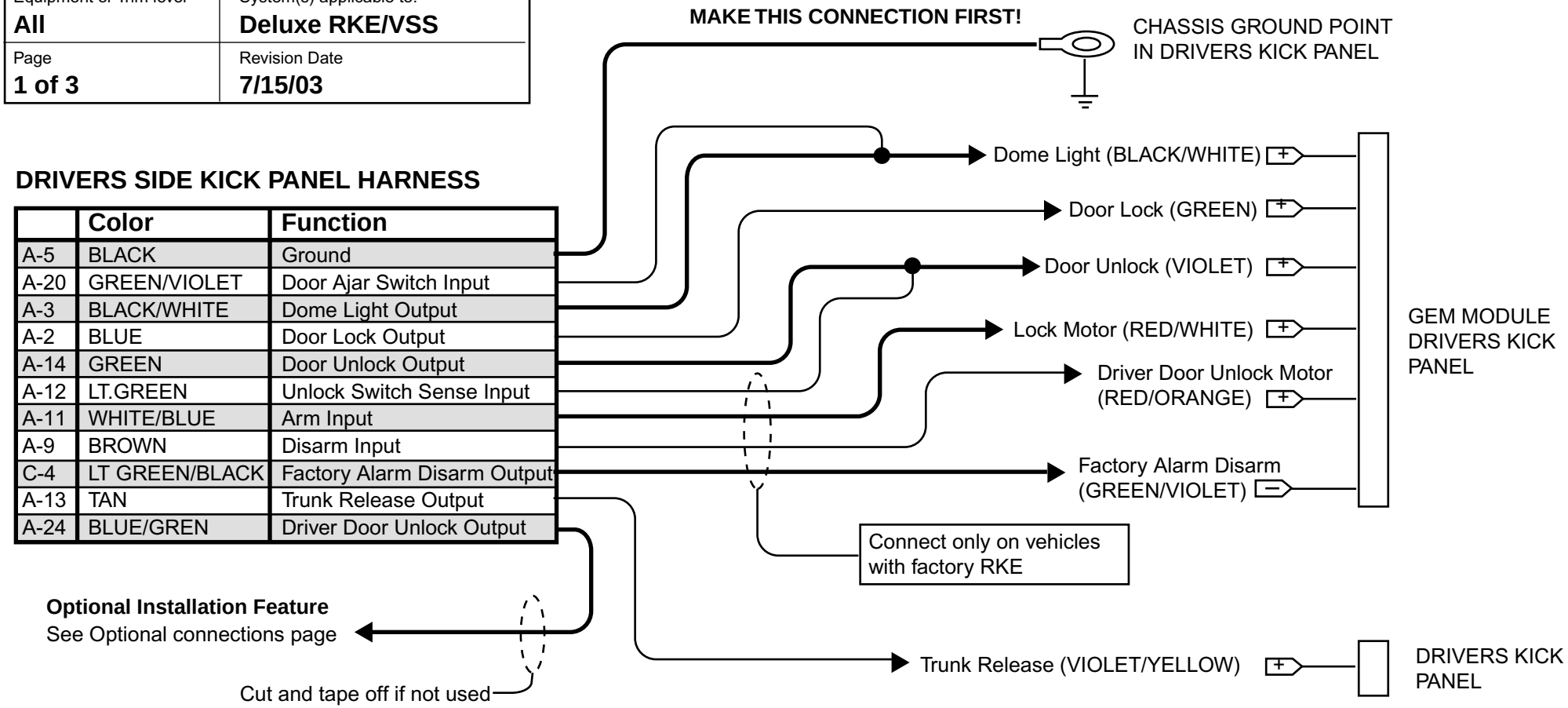
	Color	Function
A-5	BLACK	Ground

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

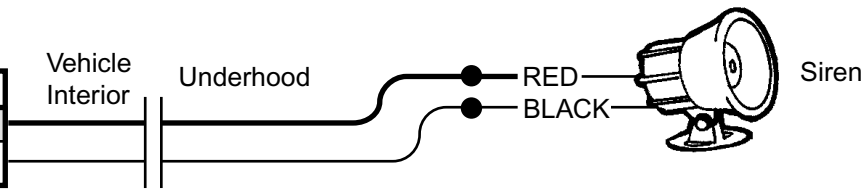


Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
All	**Deluxe RKE/VSS**
Page	Revision Date
1 of 3	**7/15/03**



DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-13	TAN	Trunk Release Output
A-24	BLUE/GREN	Driver Door Unlock Output



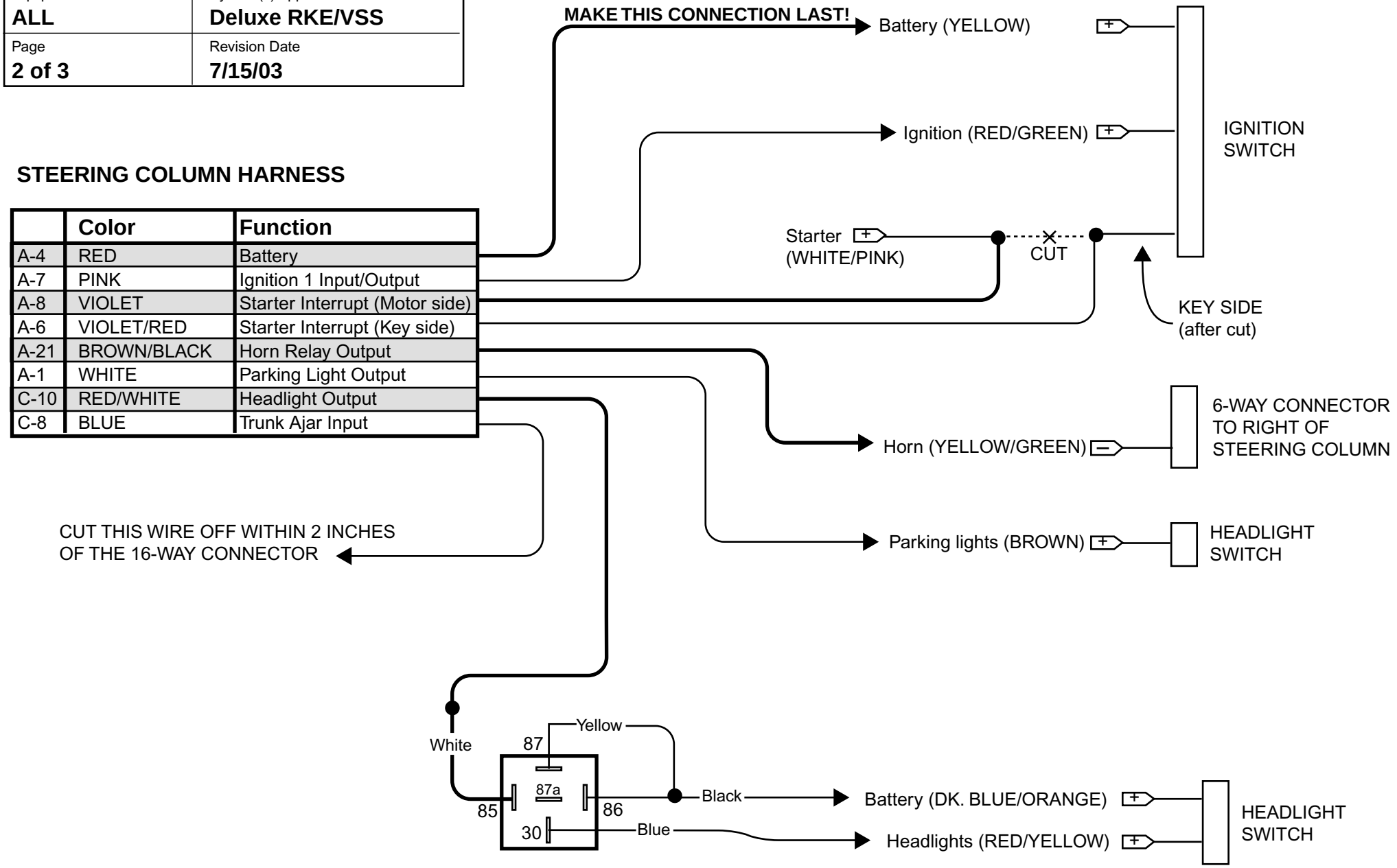
UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
2 of 3	**7/15/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-8	BLUE	Trunk Ajar Input



Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
Page **3 of 3**	Revision Date **7/15/03**

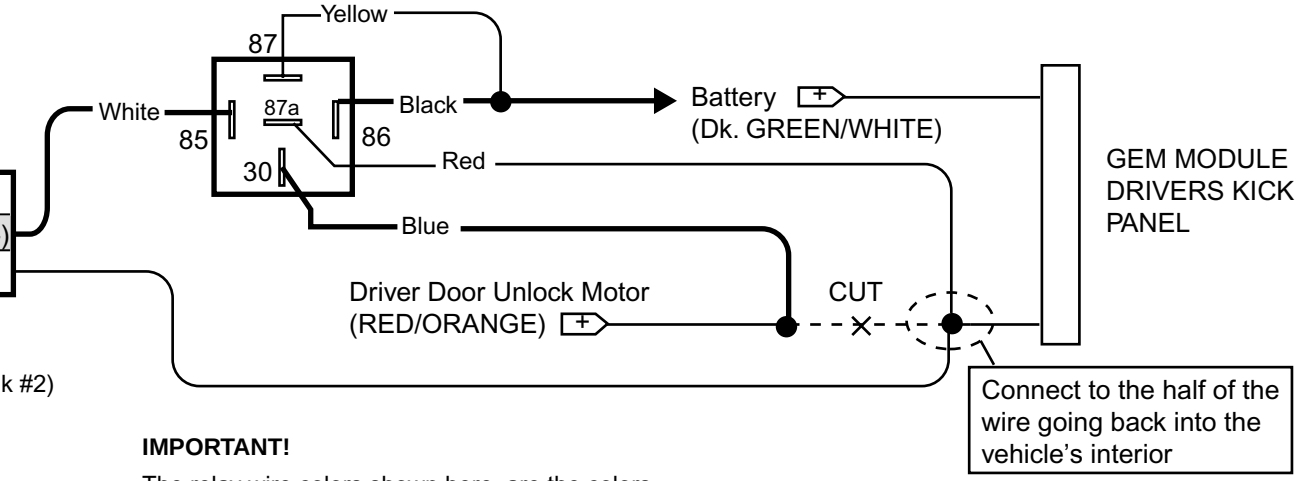
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output (-)
C-4	BROWN	Disarm Input

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

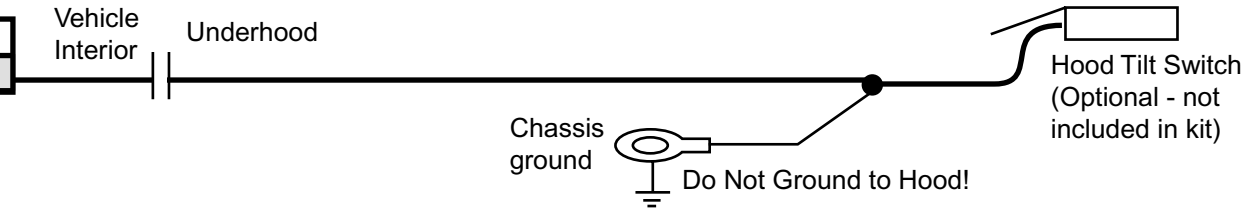


IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



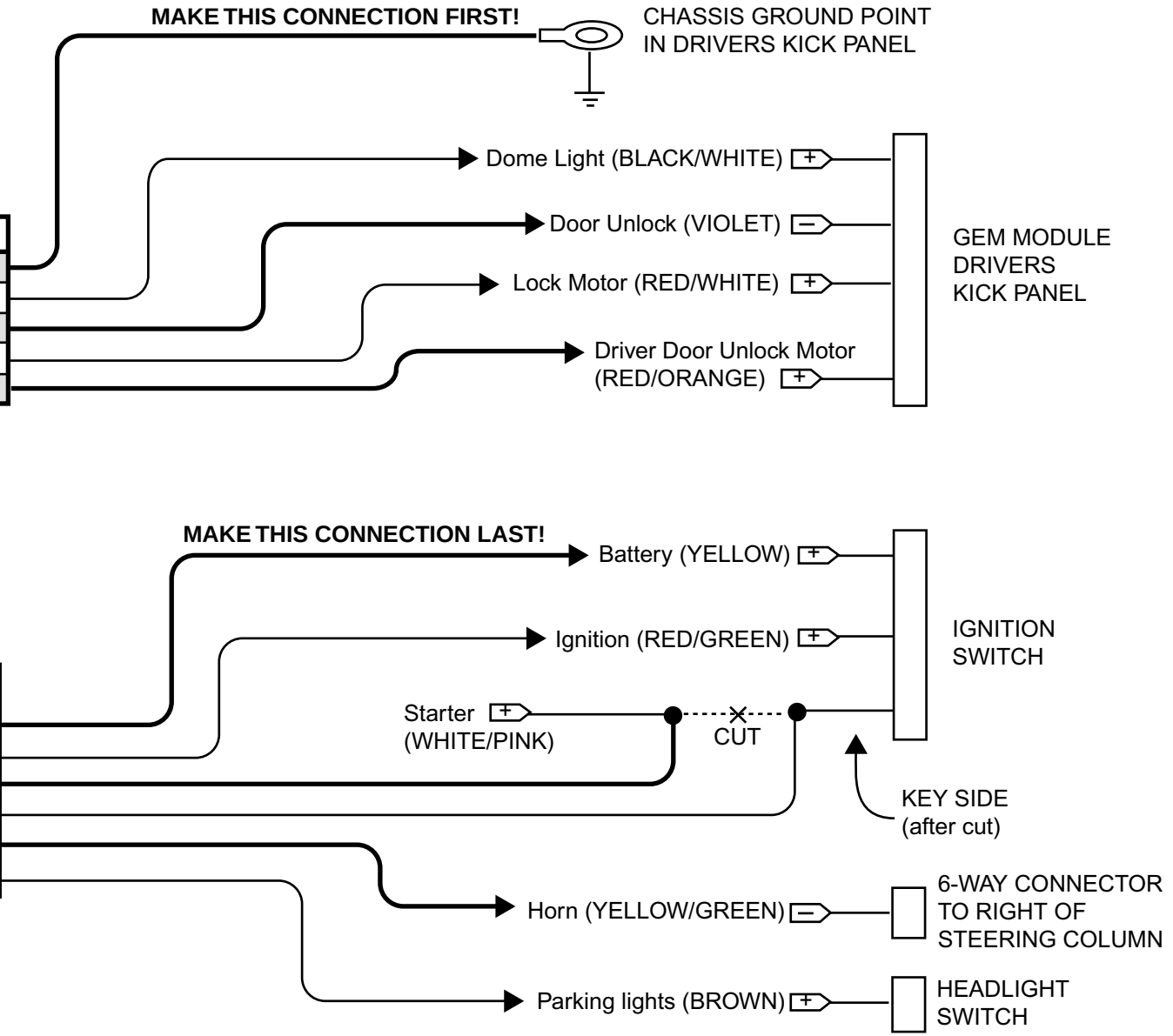
Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
w/ Factory RKE	**VSS**
Page	Revision Date
1 of 1	**7/15/03**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate.

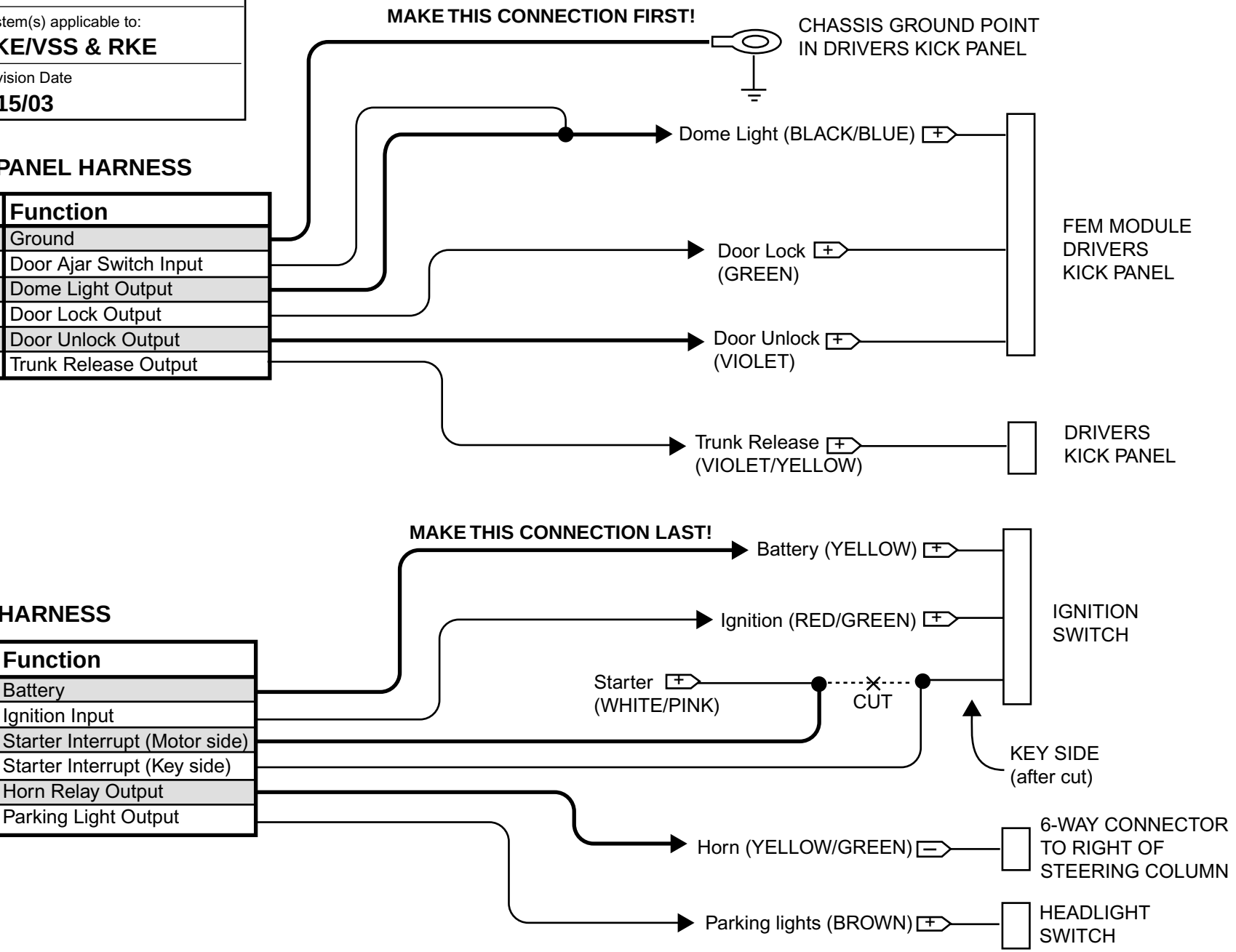
Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE/VSS & RKE**
Page	Revision Date
1 of 1	**7/15/03**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-13	TAN	Trunk Release Output

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output



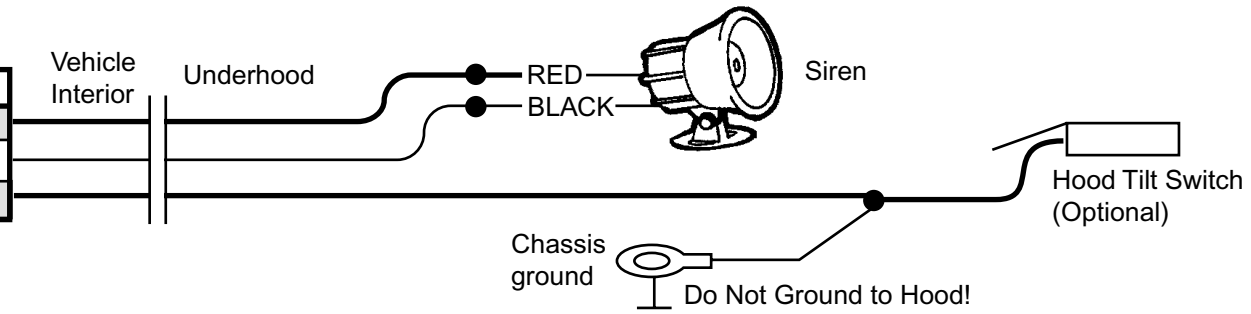
Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate.

Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
Page **1 of 1**	Revision Date **7/15/03**

OPTIONAL CONNECTIONS

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

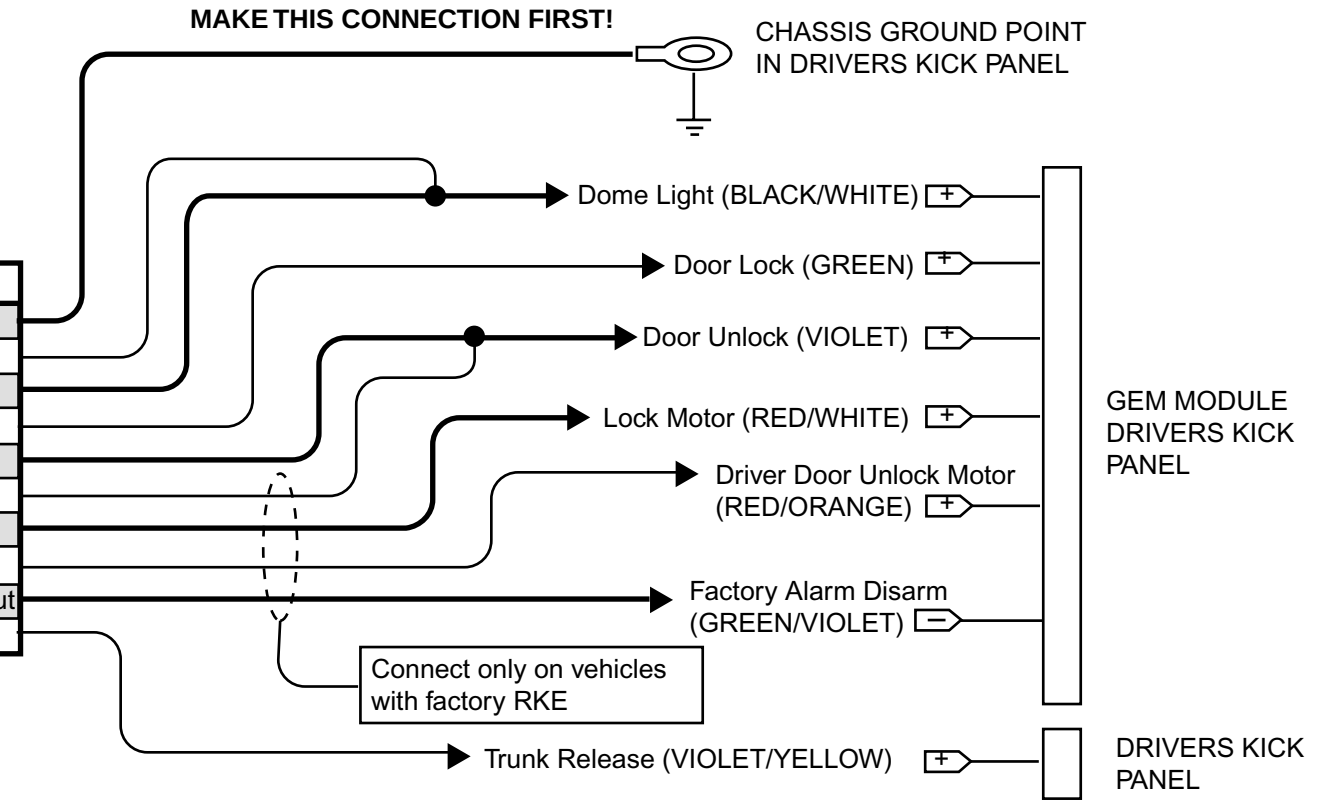


Vehicle (Year/Make/Model)	
'02-'04 Mustang	
Equipment or Trim level **All**	System(s) applicable to: **Preload**
Page **1 of 1**	Revision Date **7/15/03**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-13	TAN	Trunk Release Output

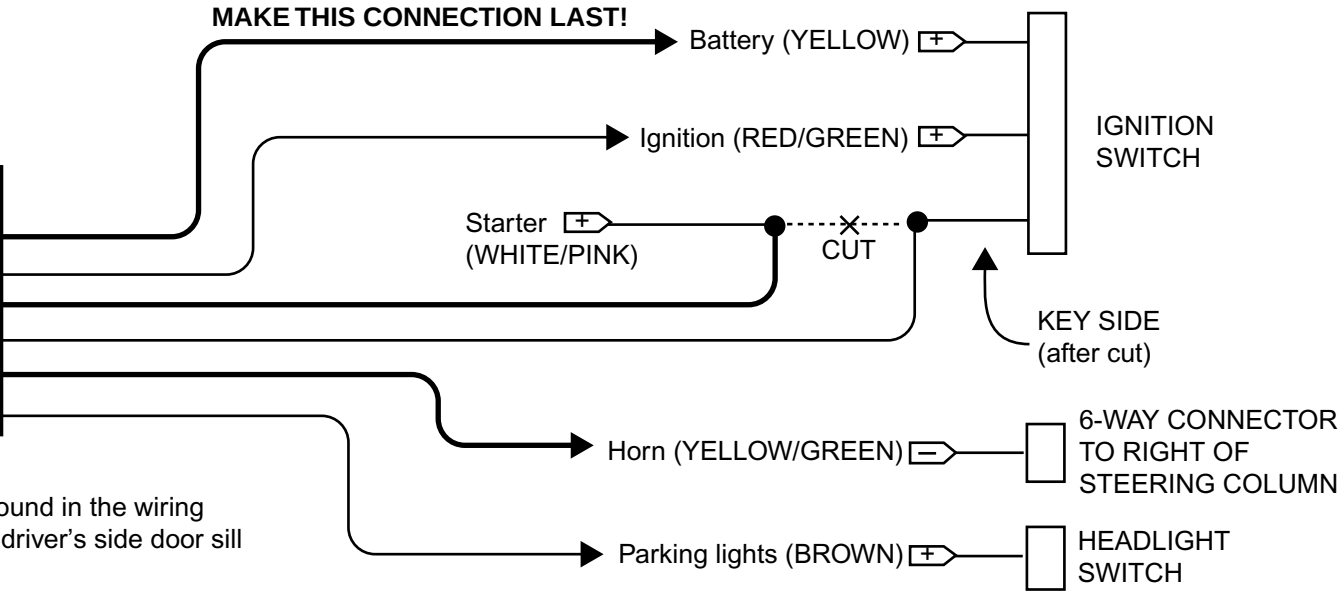
Note: C-4 connection only required on vehicles with factory perimeter alarm



STEERING COLUMN HARNESS

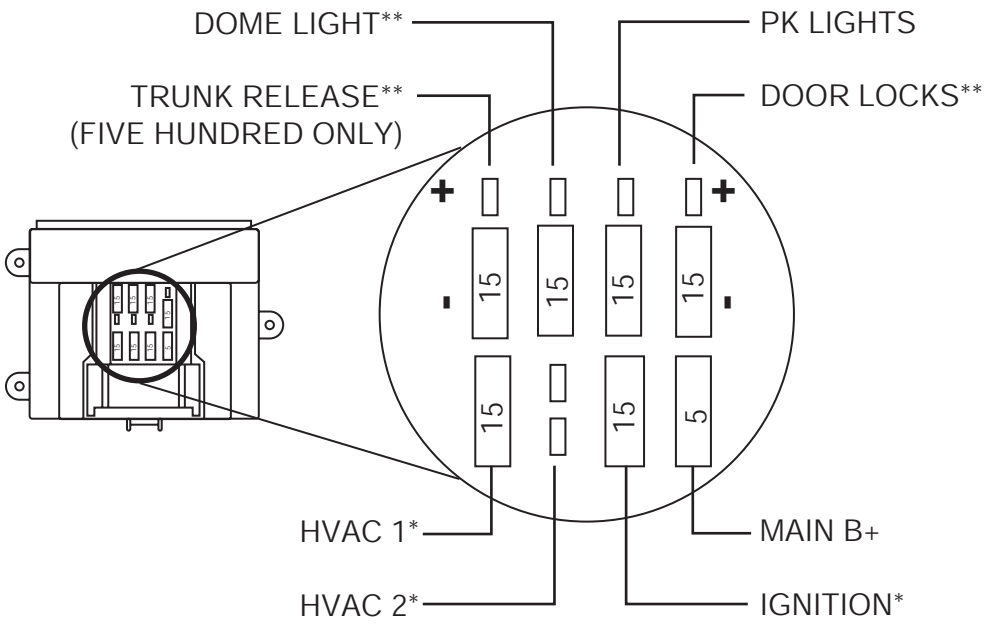
	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Note:
Parking light circuit can also be found in the wiring harness that runs underneth the driver's side door sill plate.



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
1 of 1	**7/21/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START REQUIRED PARTS

SecuriLock (PATS) Interface 2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - Driver Door Priority Unlock (Optional) Part#YL3Z-19G390-AA

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Negative
Key in Sense polarity	Positive
Rear Defrost (Aux 2) Time	0.5 Sec. (Default Setting)

MODULE MOUNTING LOCATION:

Left side of dashboard behind headlight switch

Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
1 of 3	**7/21/04**

(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Input Pull-up
B-2	RED	HVAC1 Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC1 Output
B-8	BLACK/WHITE	Key-in-sense Input
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Battery (LT GREEN/VIOLET) (+)

Battery (LT GREEN/VIOLET) (+)

Ignition (WHITE/YELLOW) (+)

Heater (BLACK/PINK) (+)

Key-in-Sense (LT. GREEN/VIOLET) (+)

Note: The Key-in-Sense wire is the same color and guage as the Battery wire. Properly test and verify this circuit prior to connection

Starter (GREEN) (+) — X CUT — (+)

Key Side After Cut

Horn (BLUE) (−)

Parking Lights (BLACK/GREEN) (−)

DRIVER'S CENTER UNDERDASH HARNESS

Brake Light (LT. GREEN) (+)

BRAKE SWITCH

Optional Installation Feature
See Optional Connections Page

Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
2 of 3	**7/21/04**

(NOTE: ALSO INCLUDES RKE/RMST)

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-14	GREEN	Door UnLock Output
A-2	BLUE	Door Lock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock Output

Optional Installation Feature
See Optional connections page

Dome Light (LT.GREEN/YELLOW) — SJB J6 GRAY CONNECTOR

Lock Motor (RED/ORANGE) (+)

Driver's Door Unlock Motor (YELLOW) (+)

Door Unlock Switch (BLUE/GREEN)

Door Lock Switch (WHITE/VIOLET)

Factory Alarm Disarm (LT. BLUE/BLACK)

HARNESS ABOVE GAS PEDAL

Trunk Release (WHITE/VIOLET) — SJB J3 BLACK CONNECTOR

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

Siren (w/VSS only)

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wirewill result in vehicle damage!

4.0 LiterTach Signal (PINK/WHITE) — COIL PACK

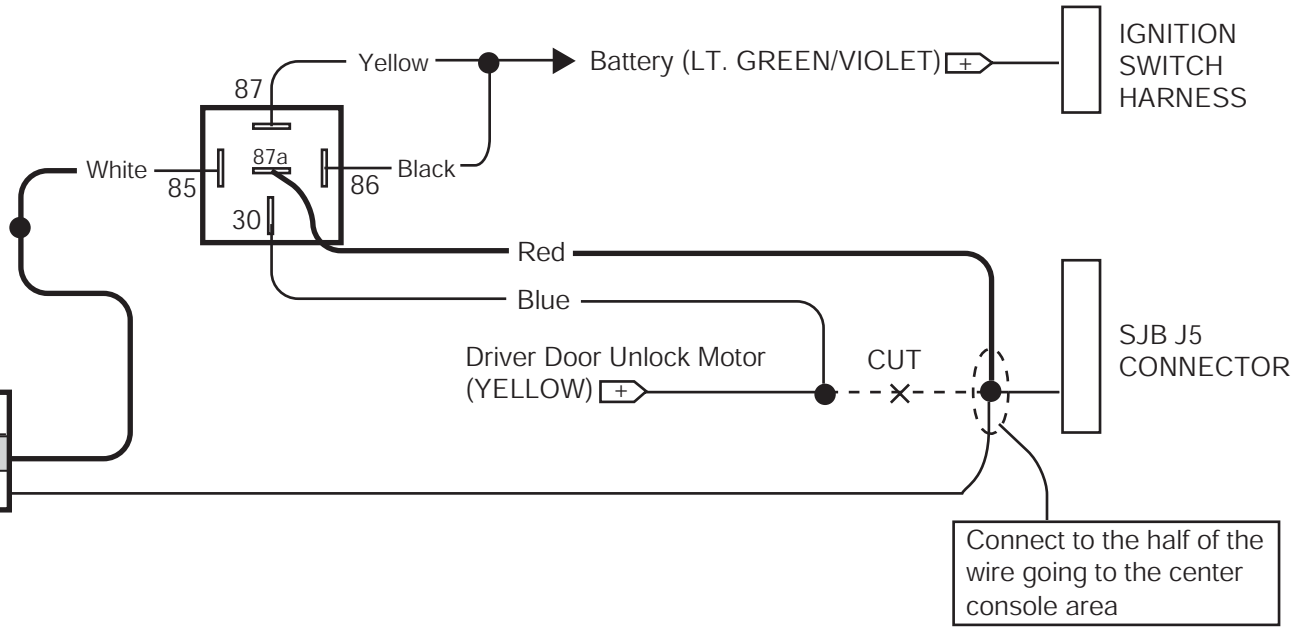
4.6 LiterTach Signal (TAN/BLACK) — FUEL INJECTOR

Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 3	**7/21/04**

(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



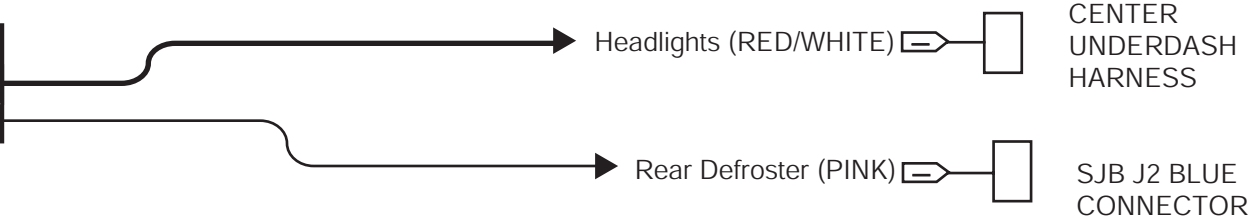
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

HEADLIGHTS / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
1 of 1	**7/21/04**

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

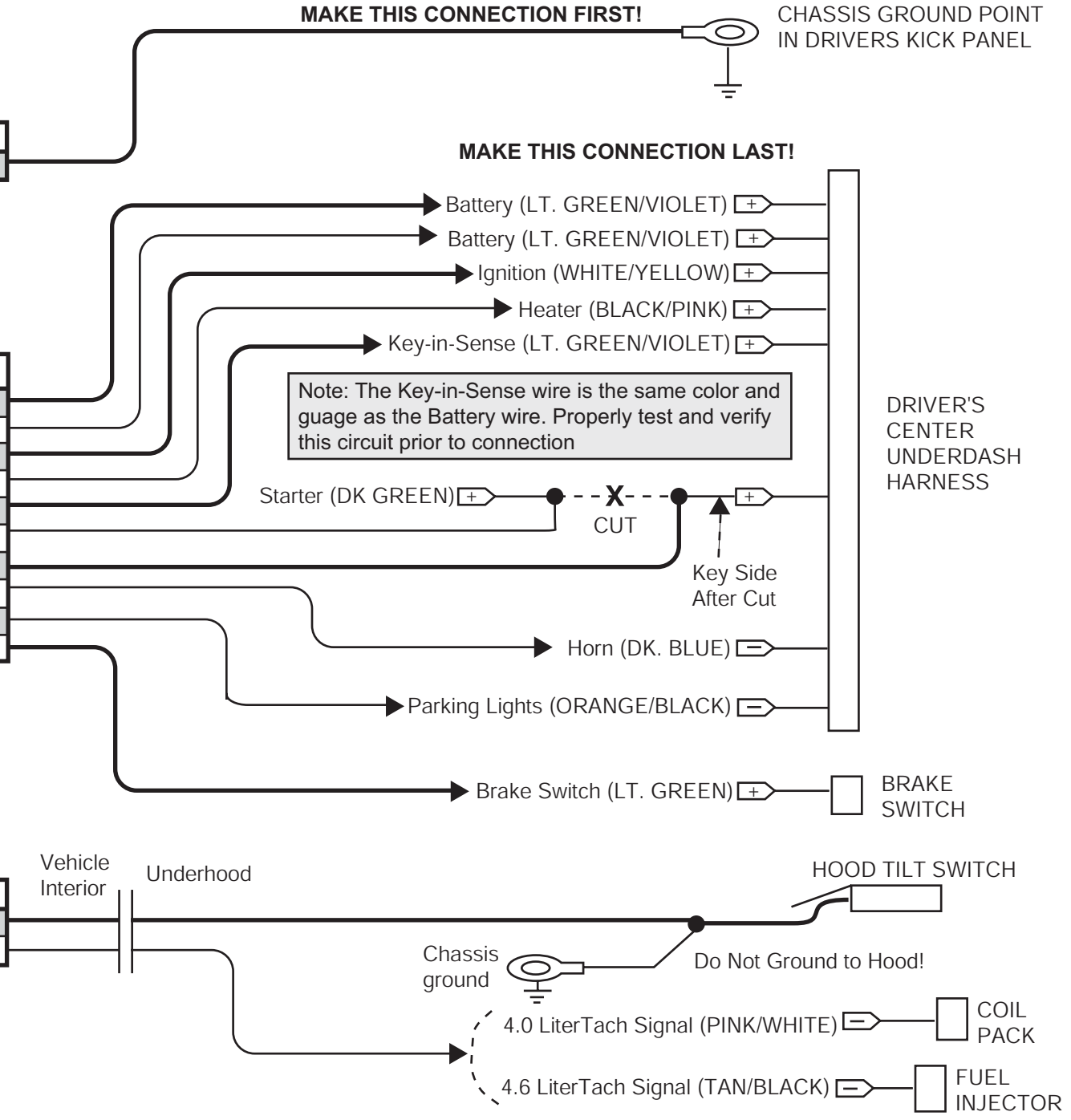
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC1 Output
B-8	BLACK/WHITE	Key-in-sense Input
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
1 of 3	**7/21/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

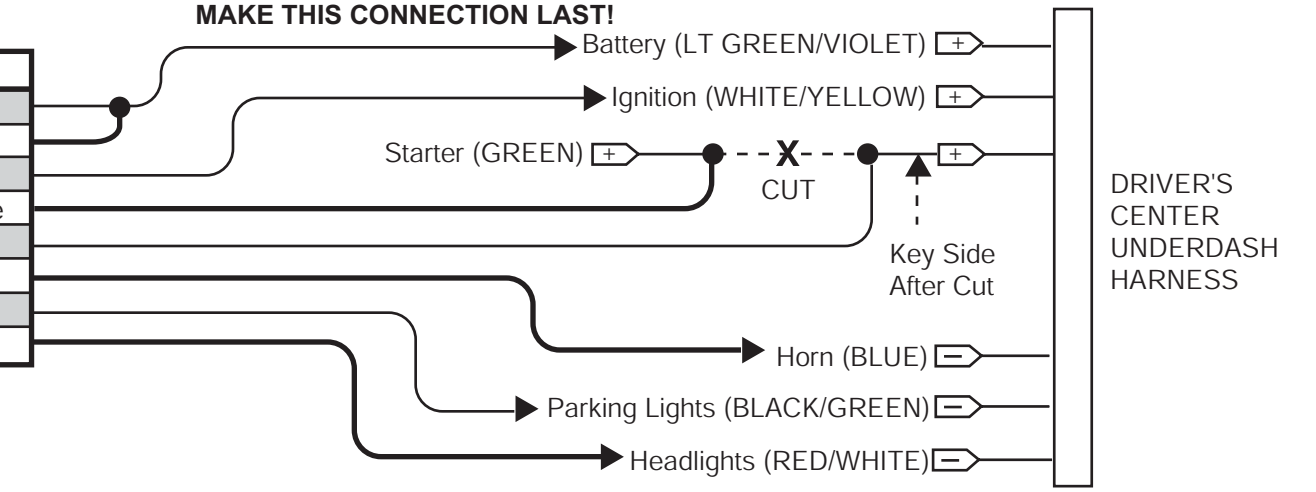
DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

STEERING COLUMN HARNESS

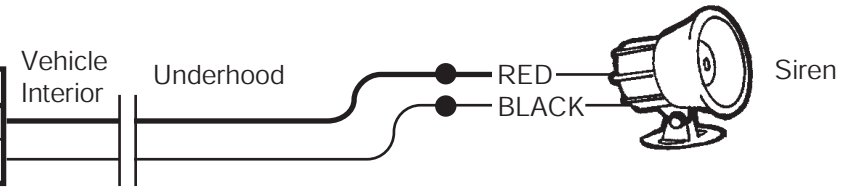
MAKE THIS CONNECTION LAST!

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Input Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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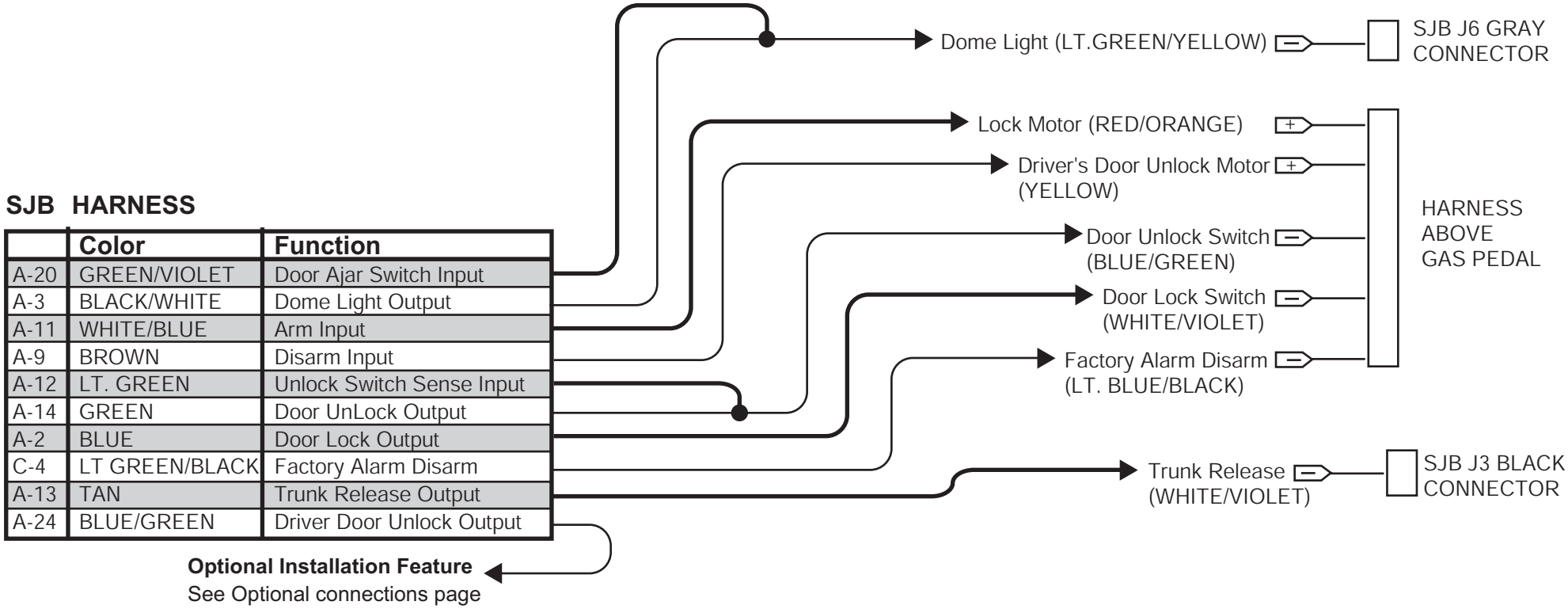

Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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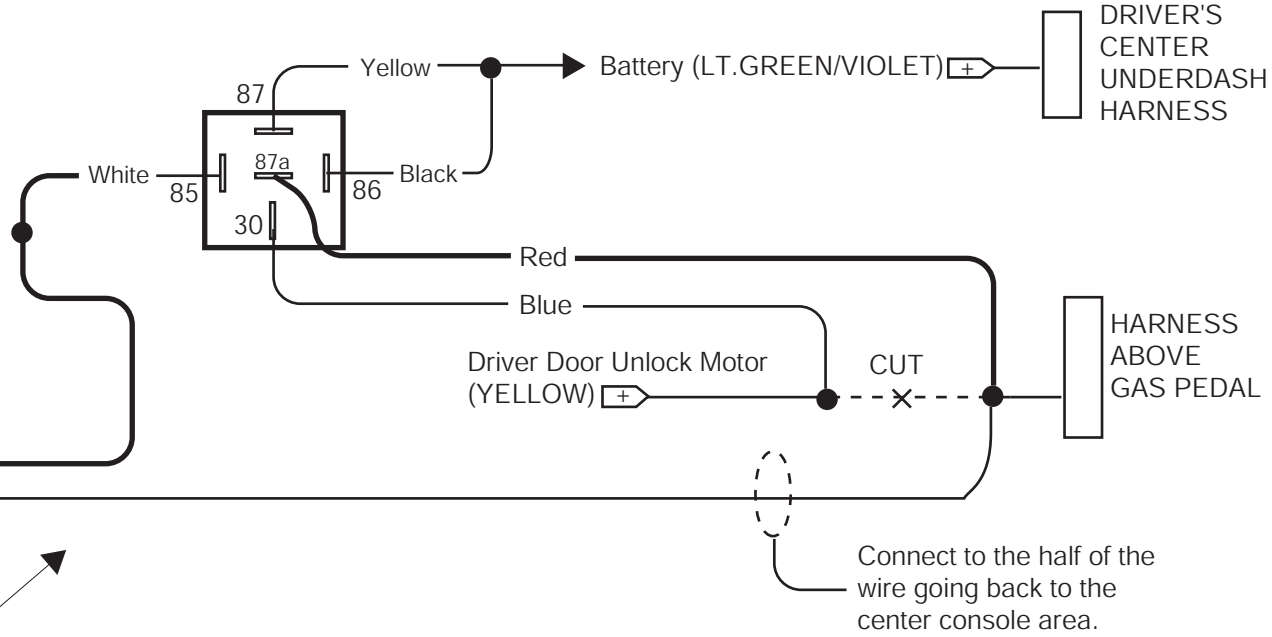
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



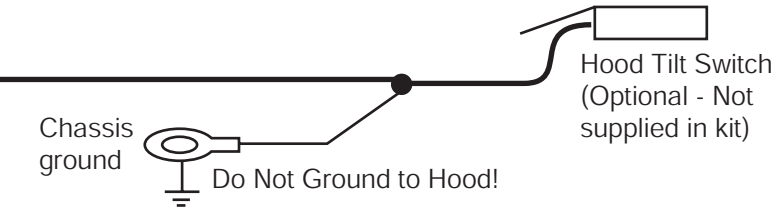
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

STEERING COLUMN HARNESS

MAKE THIS CONNECTION LAST!

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Doopr Trigger Input Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (LT GREEN/VIOLET) (+)

Ignition (WHITE/YELLOW) (+)

Starter (GREEN) (+) — X — CUT — (+)

Key Side After Cut

Horn (BLUE) (−)

Parking Lights (BLACK/GREEN) (−)

DRIVER'S CENTER UNDERDASH HARNESS

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input

Dome Light (LT.GREEN/YELLOW) (−)

SJB J6 GRAY CONNECTOR

Lock Motor (RED/ORANGE) (+)

Driver's Door Unlock Motor (YELLOW) (+)

Door Unlock Switch (BLUE/GREEN) (−)

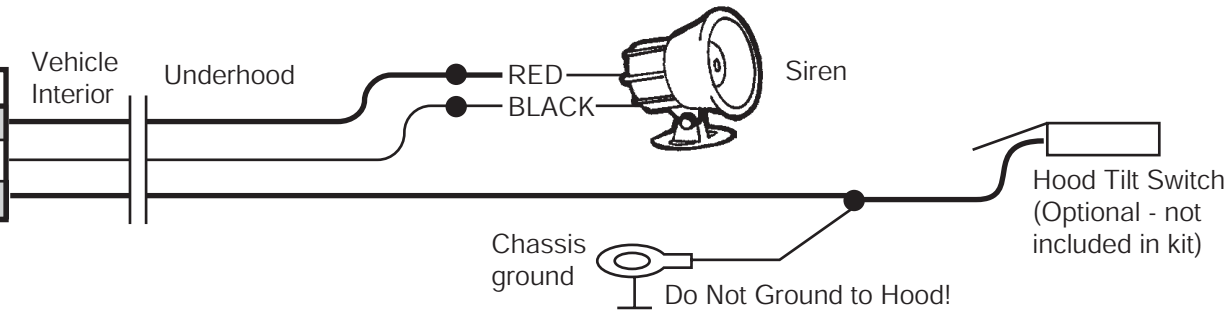
HARNESS ABOVE GAS PEDAL

Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
2 of 2	**7/21/04**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Mustang (S197)	
Equipment or Trim level	**System(s) applicable to:**
ALL	**PRELOAD**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVER'S SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

STEERING COLUMN HARNESS

MAKE THIS CONNECTION LAST!

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Doopr Trigger Input Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt Motor Side
A-6	VIOLET/RED	Starter Interrupt Key Side
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (LT GREEN/VIOLET) (+)

Ignition (WHITE/YELLOW) (+)

Starter (GREEN) (+) — X CUT — (+)

Key Side After Cut

Horn (BLUE) (−)

Parking Lights (BLACK/GREEN) (−)

DRIVER'S CENTER UNDERDASH HARNESS

SJB HARNESS

	Color	Function
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT. GREEN	Unlock Switch Sense Input
A-14	GREEN	Door UnLock Output
A-2	BLUE	Door Lock Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Trunk Release Output

Dome Light (LT.GREEN/YELLOW) (−) — SJB J6 GRAY CONNECTOR

Lock Motor (RED/ORANGE) (+)

Driver's Door Unlock Motor (YELLOW) (+)

Door Unlock Switch (BLUE/GREEN) (−)

Door Lock Switch (WHITE/VIOLET) (−)

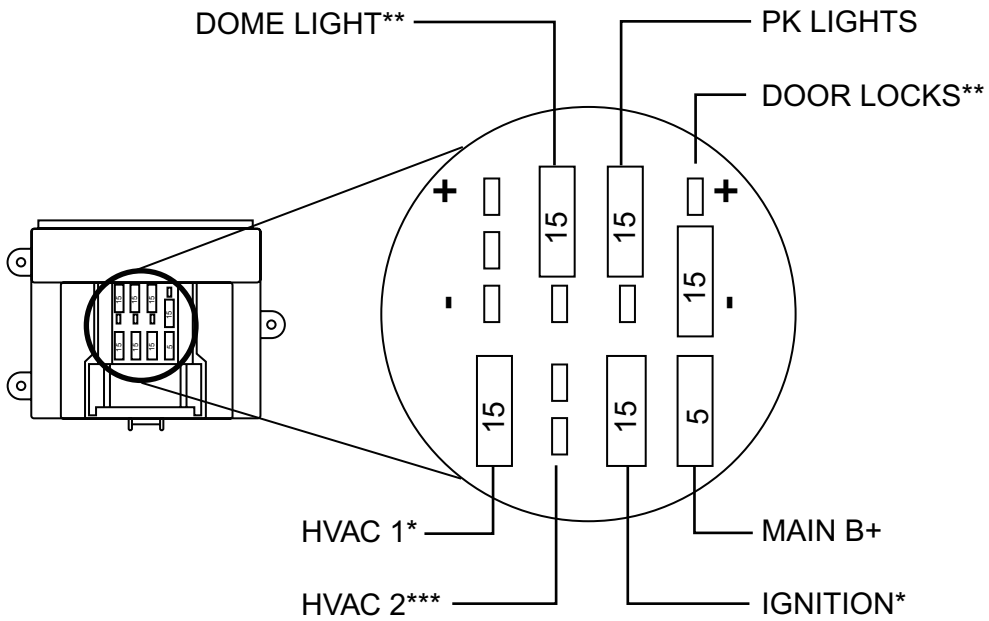
Factory Alarm Disarm (LT. BLUE/BLACK) (−)

HARNESS ABOVE GAS PEDAL

Trunk Release (WHITE/VIOLET) (−) — SJB J3 BLACK CONNECTOR

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **6/2/03**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system
*** HVAC2 circuit not used on Ranger

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L2Z-19G365-AB
2003: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Negative
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

High on driver side kick panel near bulkhead panel

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

HARNESS TO THE RIGHT OF GAS PEDAL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

UPPER DRIVERS KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)

Connect only on vehicles with factory RKE

Driver Door Ajar Switch

'02 (BLACK/YELLOW)

'03 (YELLOW/BLACK)

DRIVER DOOR JAMB BOOT HARNESS

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Siren (w/VSS only)

Vehicle Interior

Underhood

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Note: Tach Signal wire can also be located at the Bulkhead harness inside the vehicle - TAN/YELLOW

Tach Signal (TAN/WHITE) (−)

COIL PACK

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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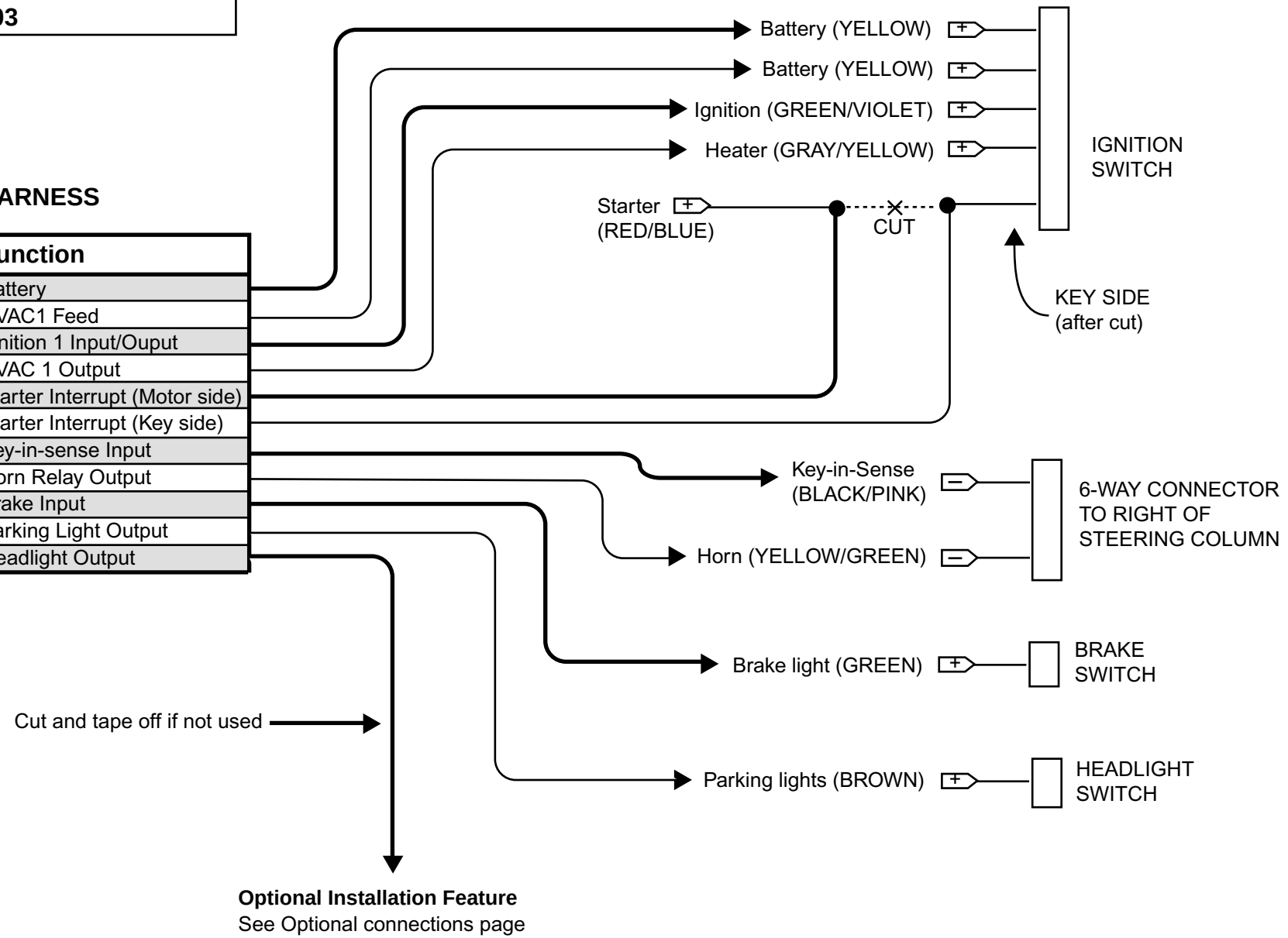
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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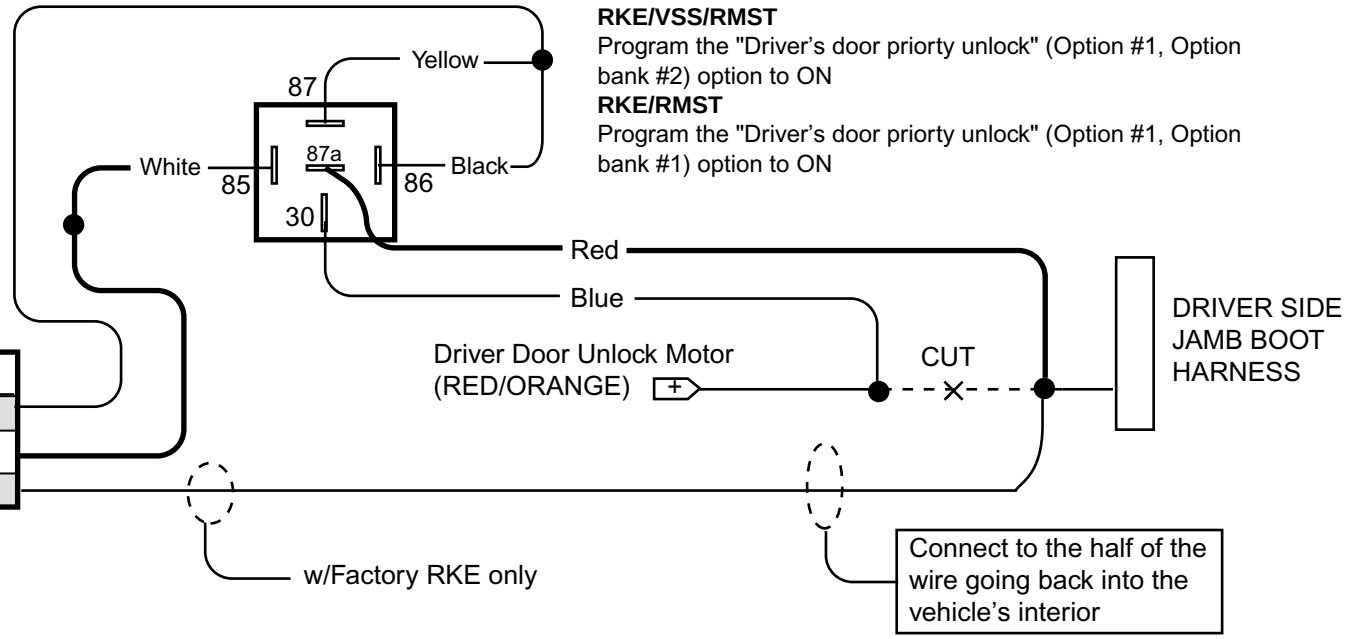
OPTIONAL CONNECTIONS

NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

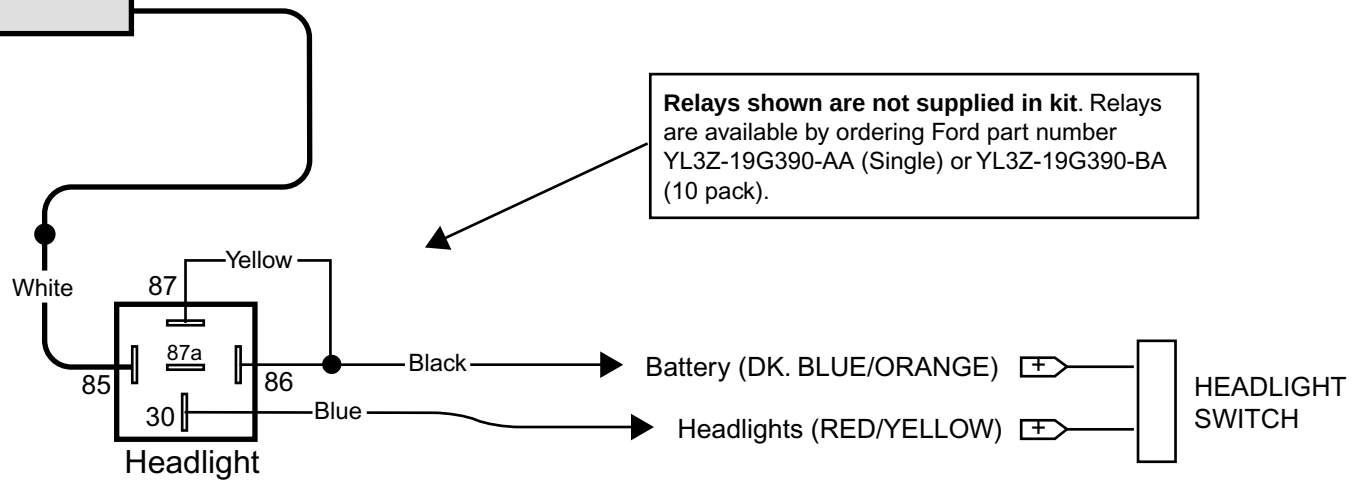
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



HEADLIGHT

	Color	Function
C-10	RED/WHITE	Headlight Output



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
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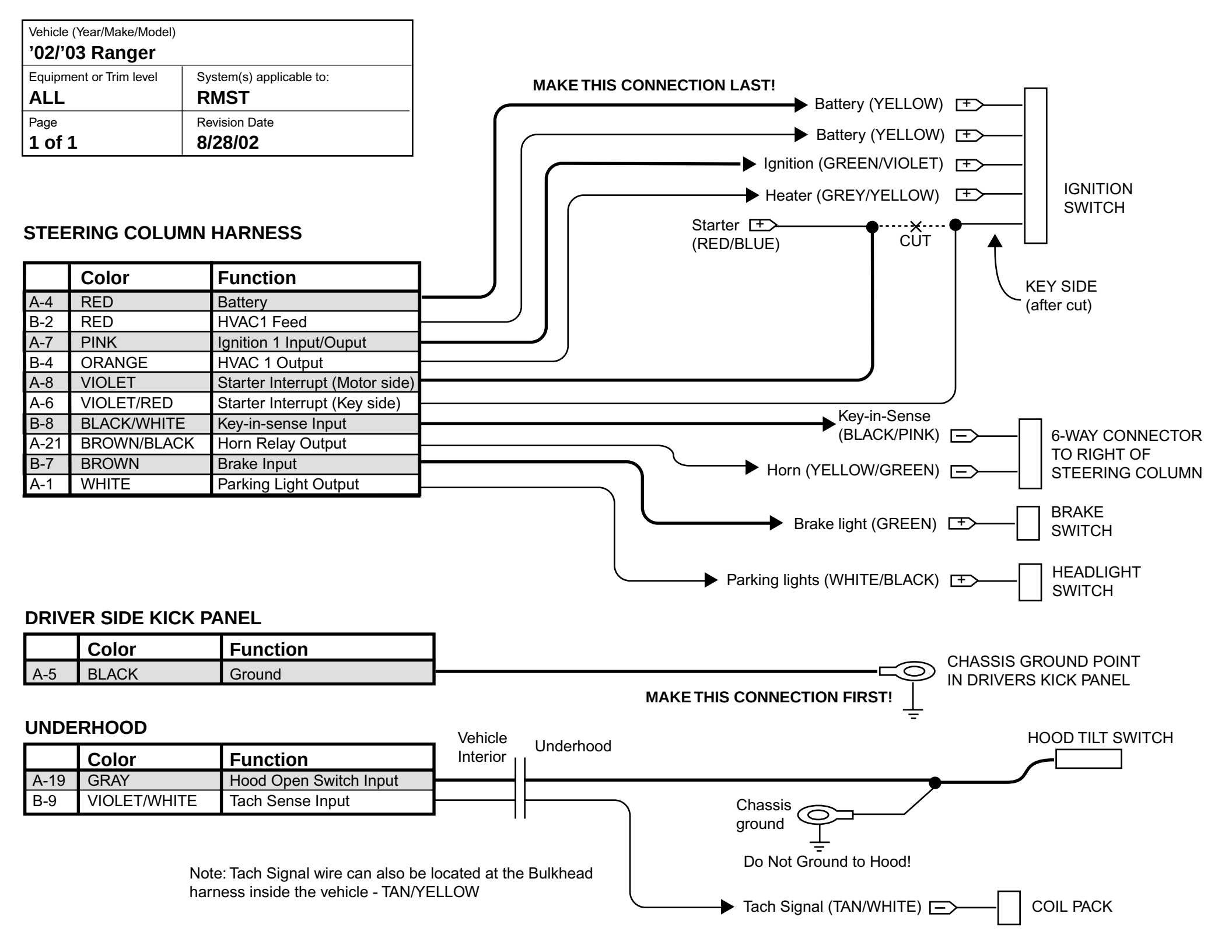

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

DRIVER SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Note: Tach Signal wire can also be located at the Bulkhead harness inside the vehicle - TAN/YELLOW

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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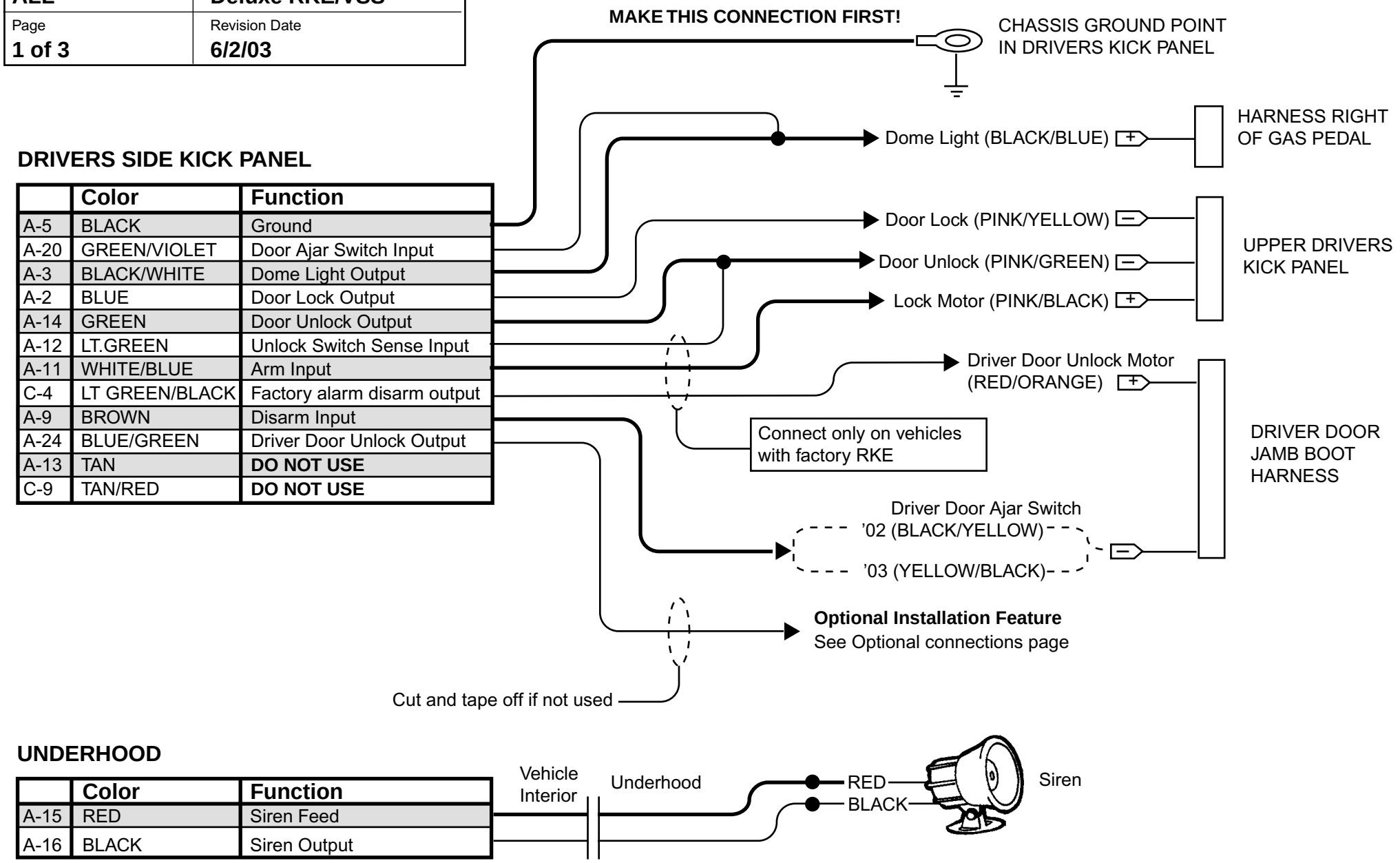

DRIVERS SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output
A-9	BROWN	Disarm Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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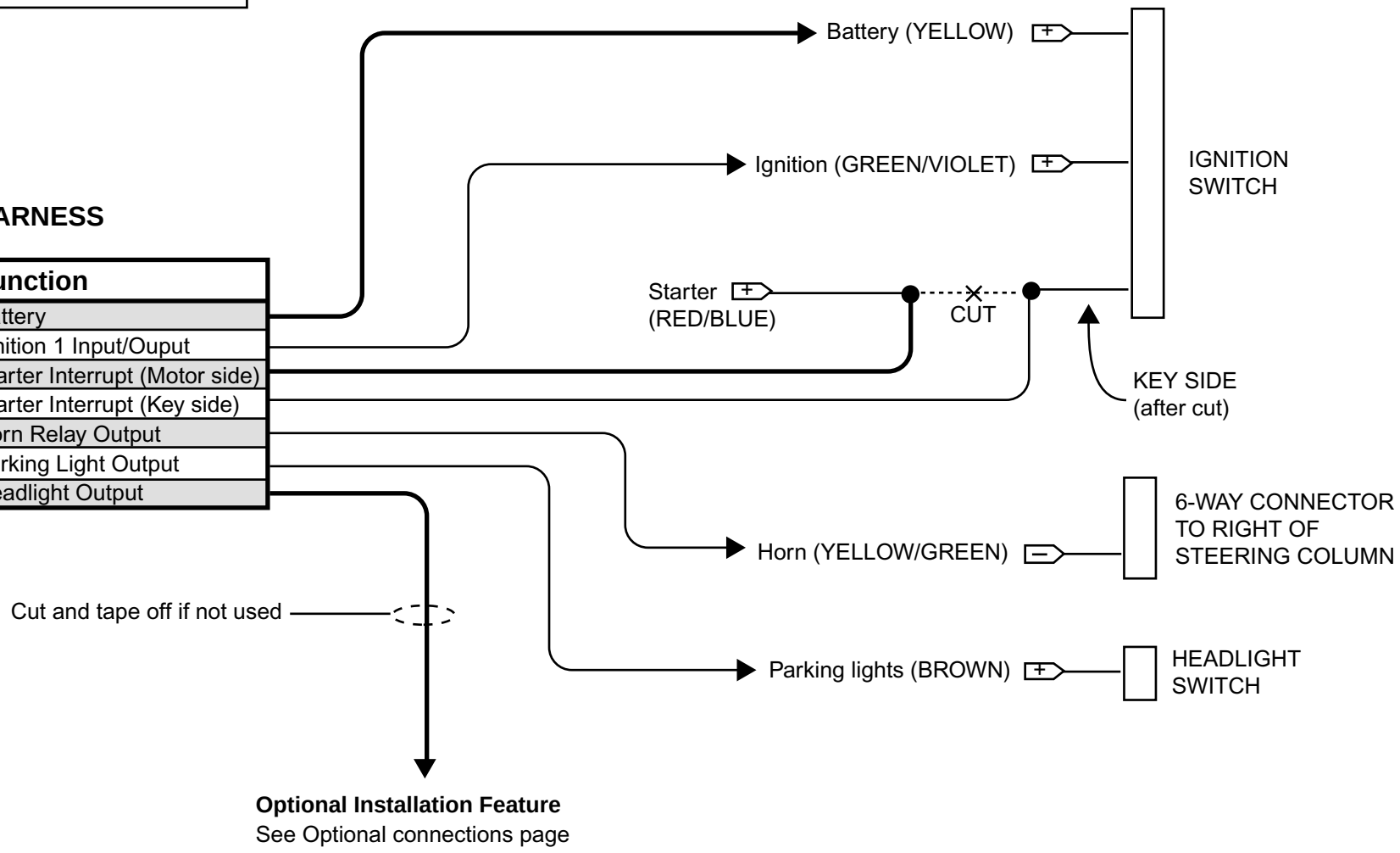
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Ouput
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Optional Installation Feature

See Optional connections page

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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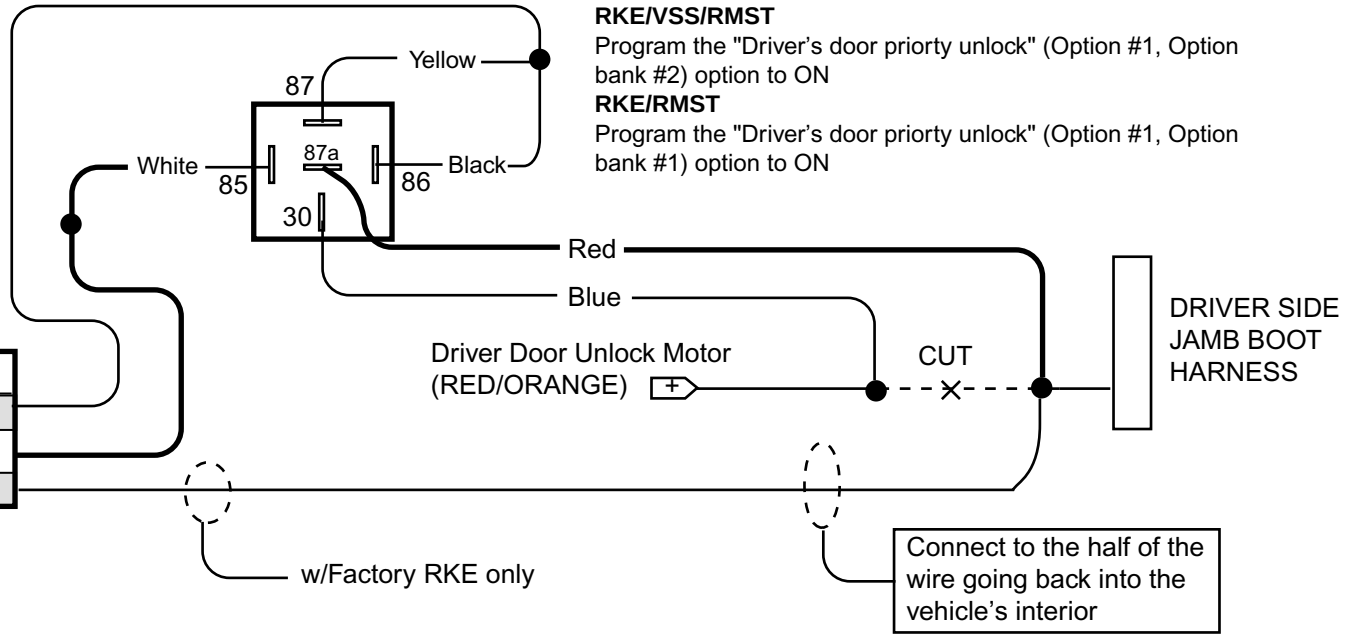
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

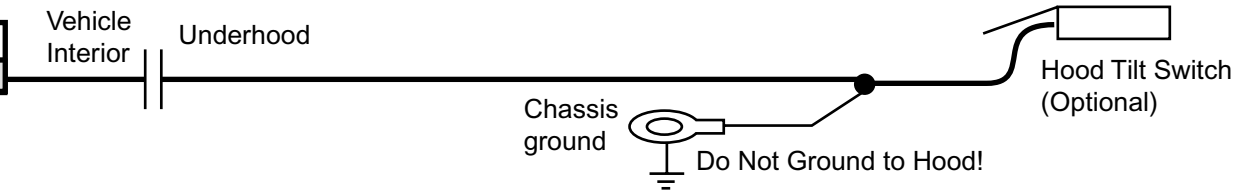
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input

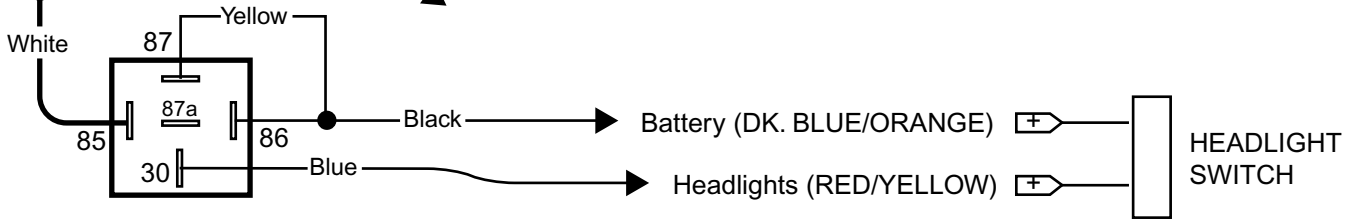


HEADLIGHT ILLUMINATION

	Color	Function
C-10	RED/WHITE	Headlight Output

Relay shown is not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **VSS**
Page **1 of 1**	Revision Date **6/2/03**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output

Dome Light (BLACK/BLUE) (+) — HARNESS RIGHT OF GAS PEDAL

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+) — UPPER DRIVERS KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)

Driver Door Ajar Switch
'02 (BLACK/YELLOW)
'03 (YELLOW/BLACK)
(−) — DRIVER DOOR JAMB BOOT HARNESS

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+) — IGNITION SWITCH

Starter (RED/BLUE) (+) — CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−) — 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (BROWN) (+) — HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**VSS & RKE/VSS**
Page	Revision Date
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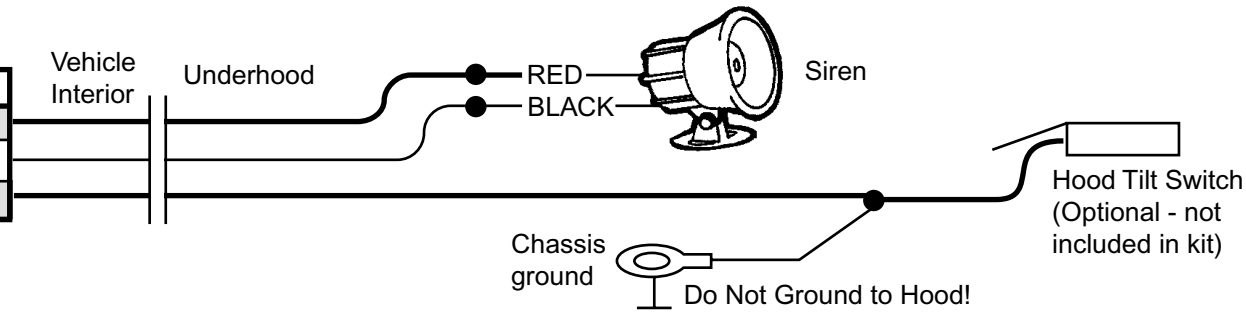
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Ranger	
Equipment or Trim level **w/Factory RKE**	System(s) applicable to: **Preload**
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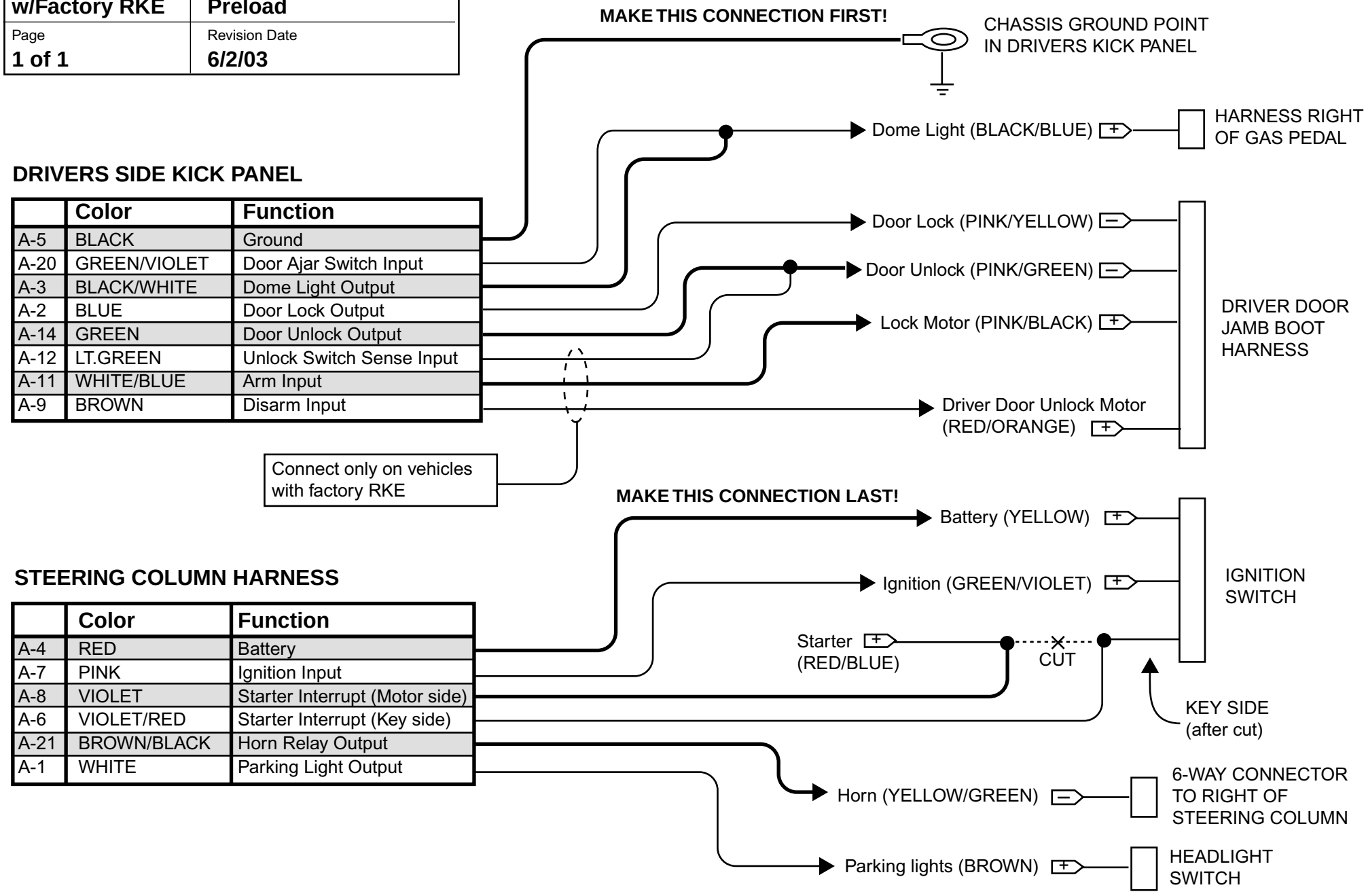

DRIVERS SIDE KICK PANEL

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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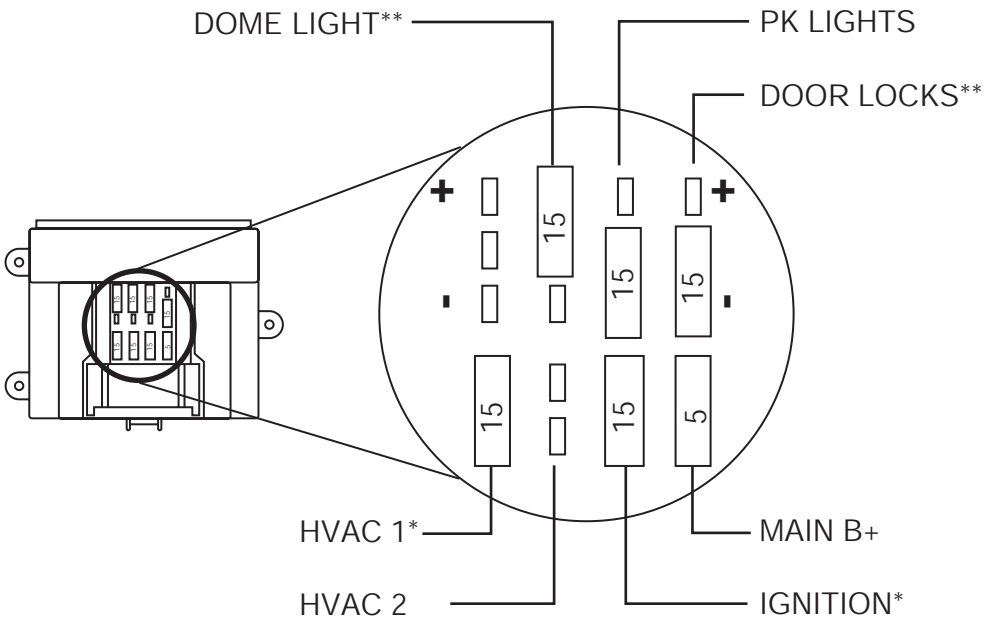
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START (RMST) PARTS REQUIRED

Securilock (PATS) Interface:
2004- 1L2Z-19G365-AB
2005- Not Equipped With PATS

REMOTE START (RMST) SPECIFIC PROGRAMMING

Key in Sense polarity	Negative (Default setting)
Learn Tachometer	Required On All Vehicles

RELAY REQUIREMENTS:

1 - Headlight Illumination (Optional)
1 - Driver's Door Priority Unlock (Optional)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Negative
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

High on driver side kick panel near bulkhead panel

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
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(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trink Ajar Input
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

HARNESS TO THE RIGHT OF GAS PEDAL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (RED) (+)

Driver Door Unlock Motor (LT. BLUE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

Driver Door Ajar Switch (YELLOW/BLACK) (−)

CUT HIS WIRE OFF WITHIN 2 INCHES OF THE 16-WAY CONNECTOR

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

Siren (w/VSS only)

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN/WHITE) (−)

COIL PACK

Note: 2005 Ranger is not equipped with PATS

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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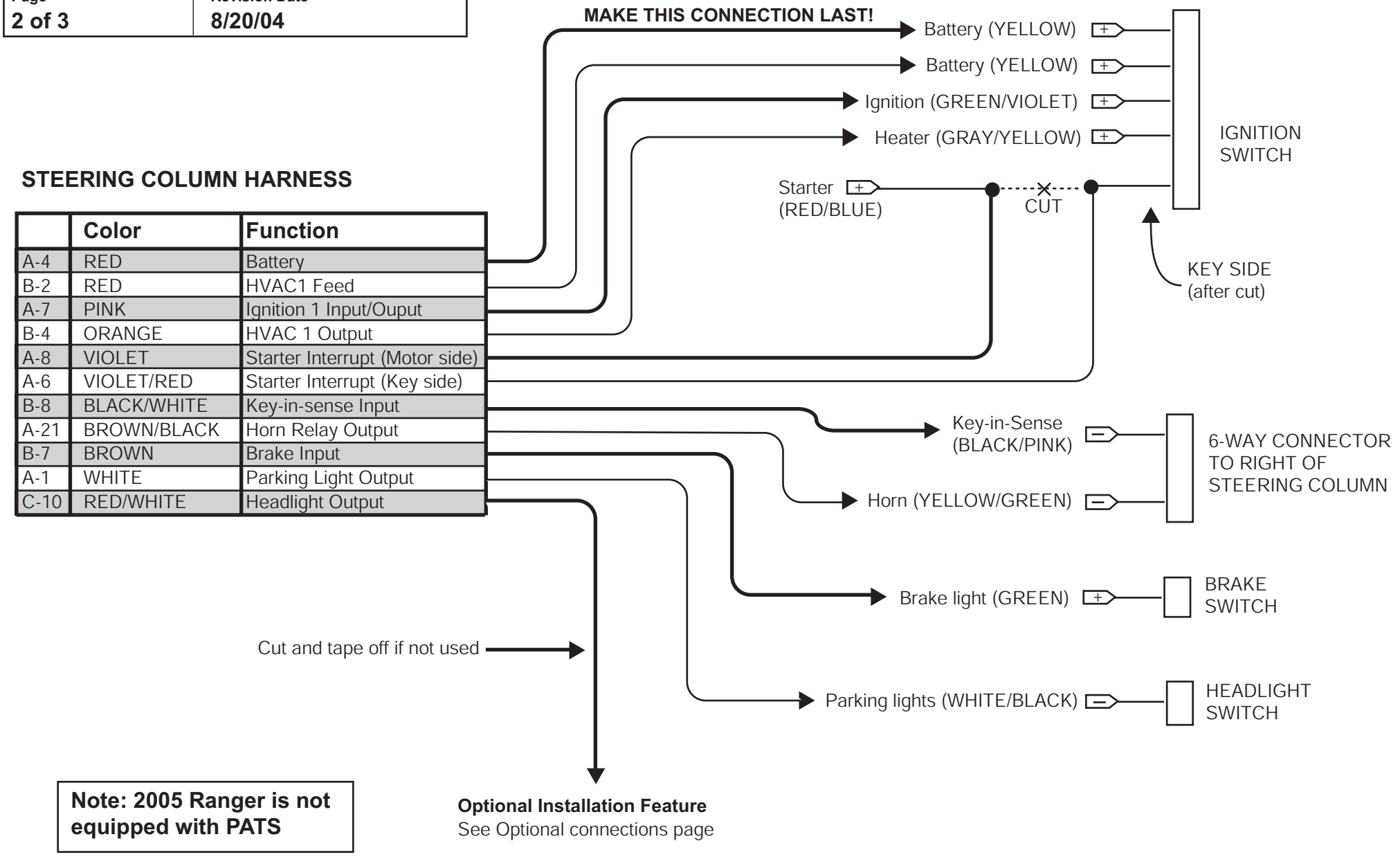

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

Note: 2005 Ranger is not equipped with PATS

Optional Installation Feature
See Optional connections page

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

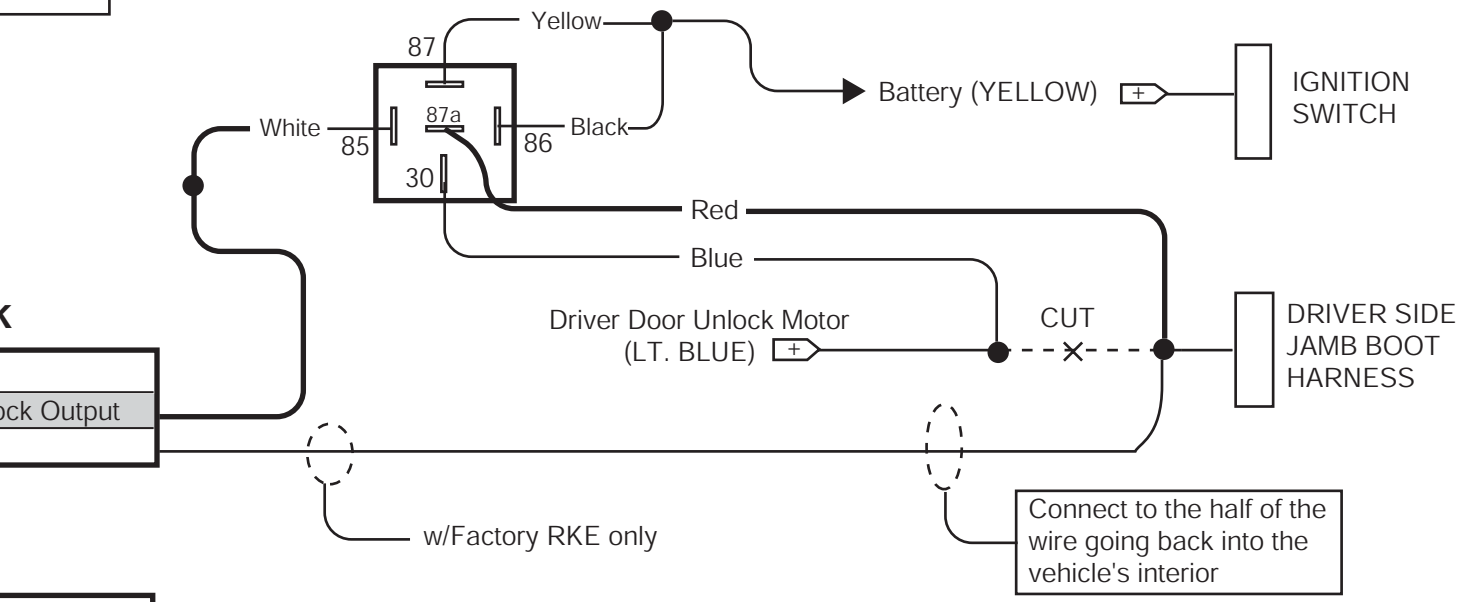
OPTIONAL CONNECTIONS

DRIVER'S DOOR PRIORITY UNLOCK

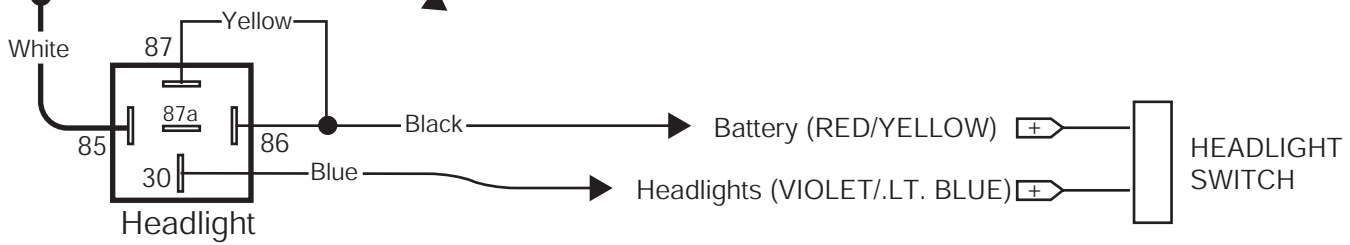
	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

HEADLIGHT

	Color	Function
C-10	RED/WHITE	Headlight Output



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



Note: 2005 Ranger is not equipped with PATS

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
Page	**Revision Date**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Ouput
B-4	ORANGE	HVAC 1 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

Note: 2005 Ranger is not equipped with PATS

MAKE THIS CONNECTION LAST!

Battery (YELLOW) (+)
Battery (YELLOW) (+)
Ignition (GREEN/VIOLET) (+)
Heater (GREY/YELLOW) (+)
Starter (RED/BLUE) (+) — CUT
IGNITION SWITCH
KEY SIDE (after cut)

Key-in-Sense (BLACK/PINK) (−)
Horn (YELLOW/GREEN) (−)
6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Brake light (GREEN) (+)
BRAKE SWITCH

Parking lights (WHITE/BLACK) (−)
HEADLIGHT SWITCH

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN/WHITE) (−)
COIL PACK

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
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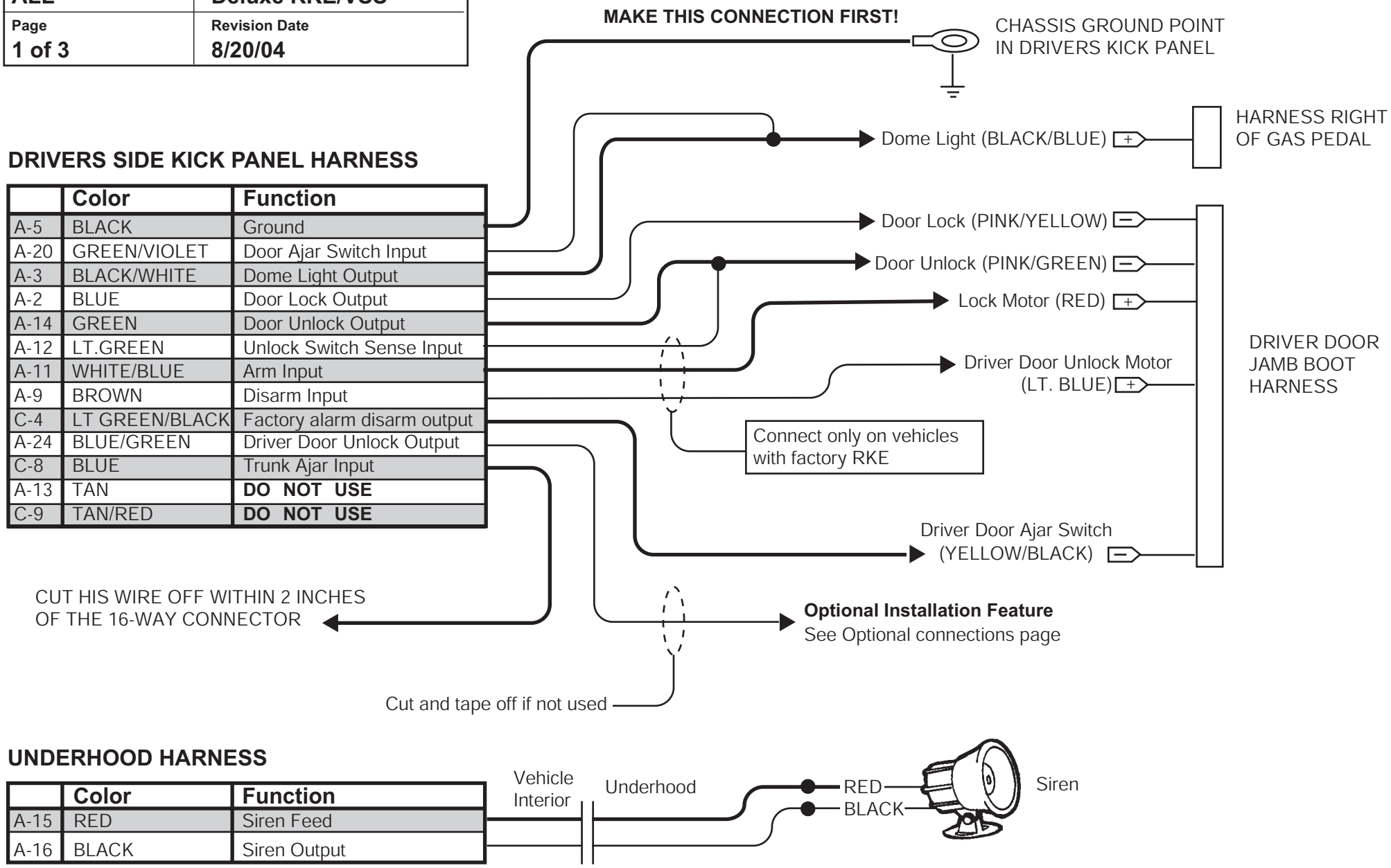


DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**

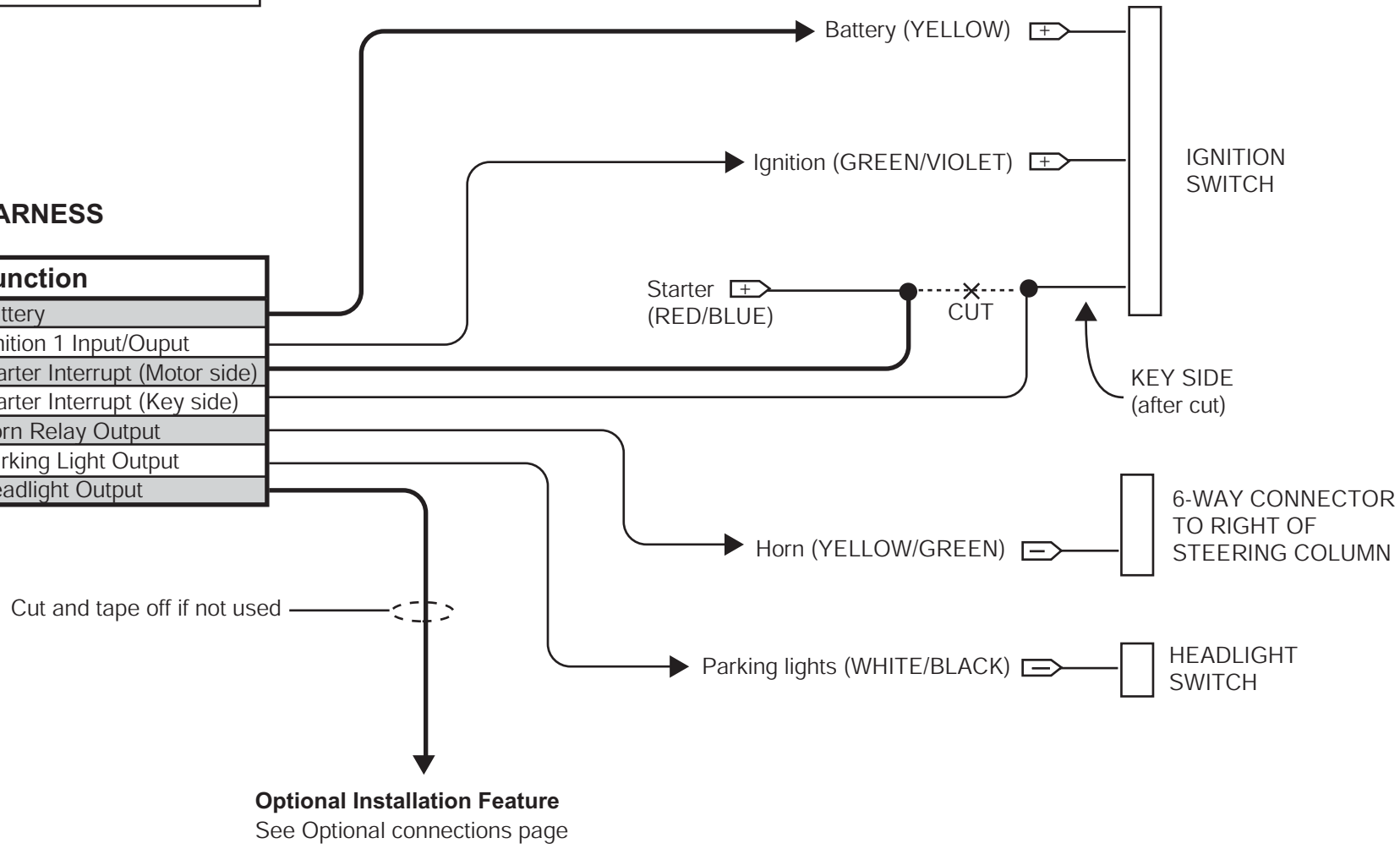
UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
Page	**Revision Date**
2 of 3	**8/20/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Ouput
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Optional Installation Feature

See Optional connections page

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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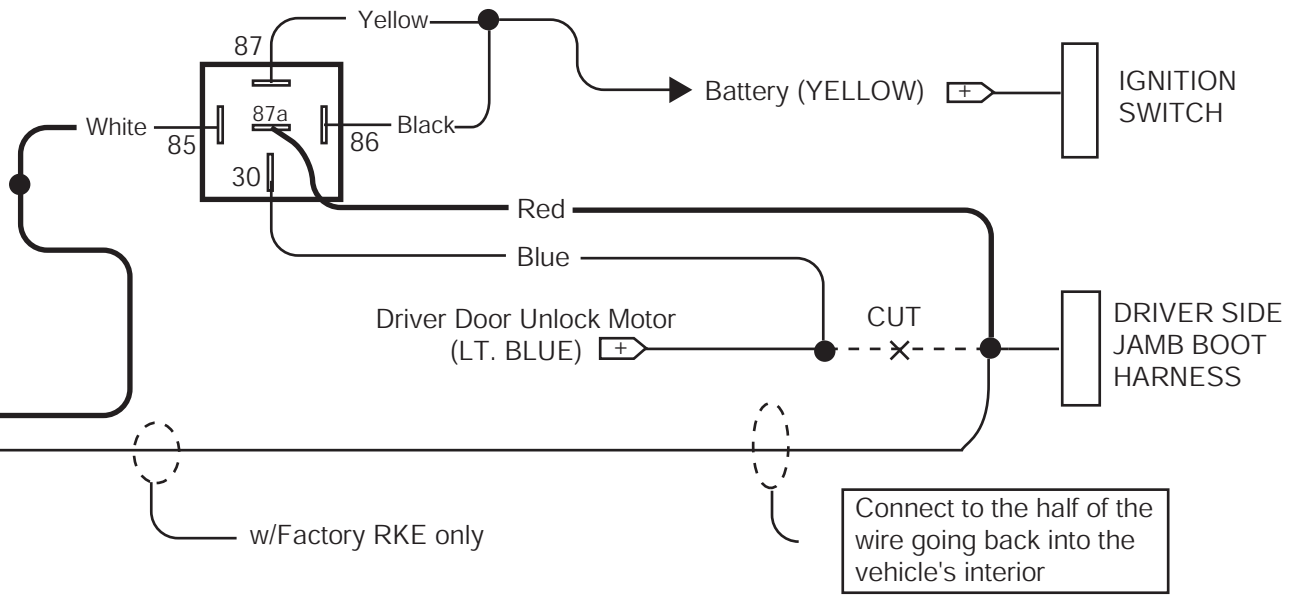
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

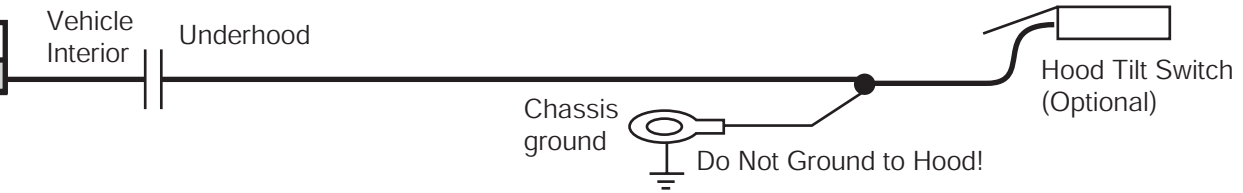


DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



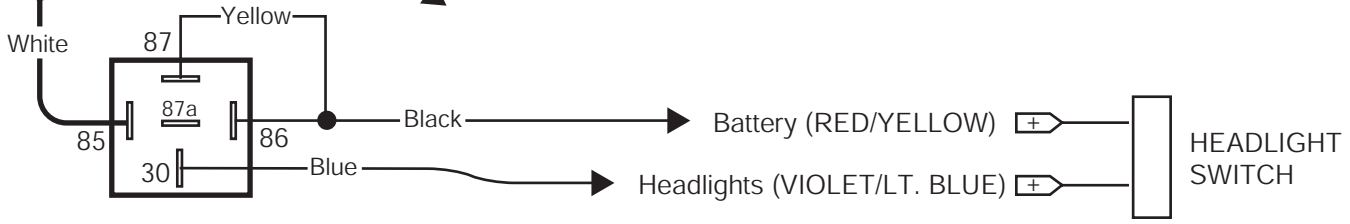
HEADLIGHT ILLUMINATION

	Color	Function
C-10	RED/WHITE	Headlight Output

Relay shown is not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
w/o Factory RKE	**RKE/VSS & RKE**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	LT GREEN/BLACK	Factory alarm disarm output

Dome Light (BLACK/BLUE) (+) — HARNESS TO THE RIGHT OF GAS PEDAL

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Driver Door Ajar Switch (YELLOW/BLACK) (−)

DRIVER DOOR JAMB BOOT HARNESS

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+)

IGNITION SWITCH

Starter (+) (RED/BLUE) — CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−) — 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (WHITE/BLACK) (−) — HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
w/Factory RKE	**VSS**
Page	**Revision Date**
1 of 1	**8/20/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory alarm disarm output

Dome Light (BLACK/BLUE) (+) — HARNESS RIGHT OF GAS PEDAL

Door Unlock (PINK/GREEN) (−)

Lock Motor (RED) (+)

Driver Door Unlock Motor (LT. BLUE) (+)

Driver Door Ajar Switch (YELLOW/BLACK) (−)

DRIVER DOOR JAMB BOOT HARNESS

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+)

IGNITION SWITCH

Starter (RED/BLUE) (+) — CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−) — 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

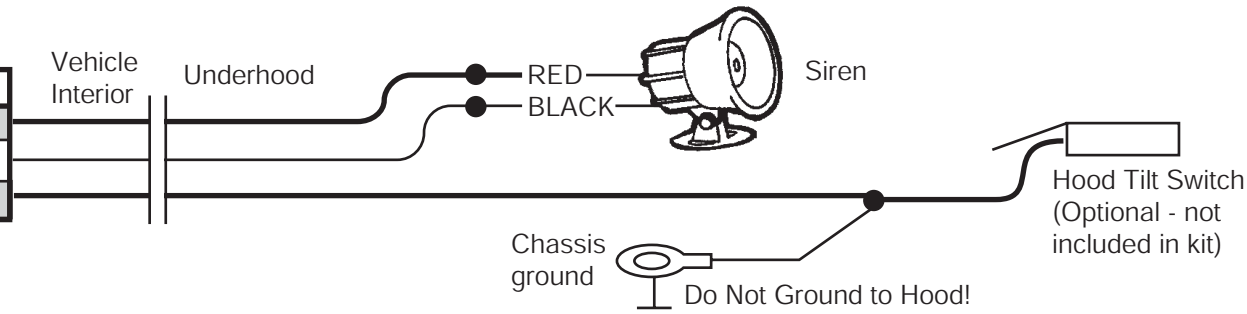
Parking lights (WHITE/BLACK) (−) — HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS & RKE/VSS**
Page	**Revision Date**
1 of 1	**8/20/04**

OPTIONAL CONNECTIONS

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04-'05 Ranger	
Equipment or Trim level **ALL**	System(s) applicable to: **PRELOAD**
Page **1 of 1**	Revision Date **8/20/04**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-12	LT.GREEN	Unlock Switch Sense Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

Dome Light (BLACK/BLUE) (+) — HARNESS RIGHT OF GAS PEDAL

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (RED) (+)

Driver Door Unlock Motor (LT. BLUE) (+)

DRIVER DOOR JAMB BOOT HARNESS

Connect only on vehicles with factory RKE

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (YELLOW) (+)

Ignition (GREEN/VIOLET) (+)

IGNITION SWITCH

Starter (+) (RED/BLUE) — CUT

KEY SIDE (after cut)

Horn (YELLOW/GREEN) (−) — 6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (WHITE/BLACK) (−) — HEADLIGHT SWITCH

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Driver Door Ajar Switch (YELLOW/BLACK) (−) — DRIVER DOOR JAMB BOOT HARNESS

This connection only needed if vehicle is equipped with "Trim Switch Disable"

Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
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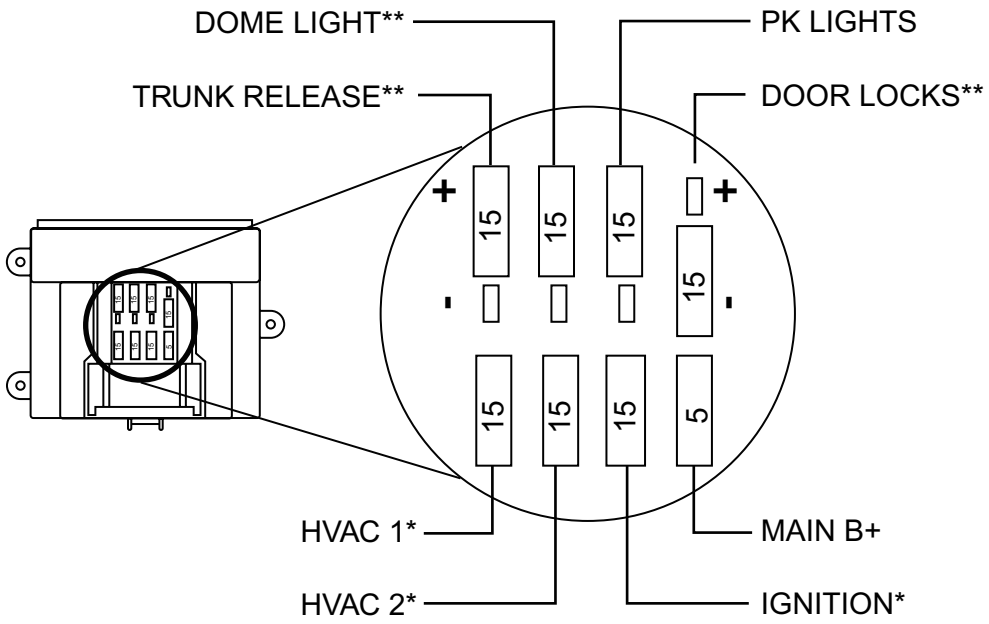
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L2Z-19G365-AB
2003: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

On dash bracket above gas pedal and to right of steering column.

Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) +

Factory Alarm Disarm (PINK/WHITE) −

Door Lock (PINK/YELLOW) −

Door Unlock (PINK/GREEN) −

Lock Motor (PINK/BLACK) +

Unlock Motor (RED/WHITE) +

DRIVER SIDE KICK PANEL

Passenger Door Unlock Motor (PINK/ORANGE) +

PASSENGER SIDE KICK PANEL

Connect only on vehicles with factory RKE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior

Underhood

Siren (w/VSS only)

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (WHITE/YELLOW) −

IGNITION COIL

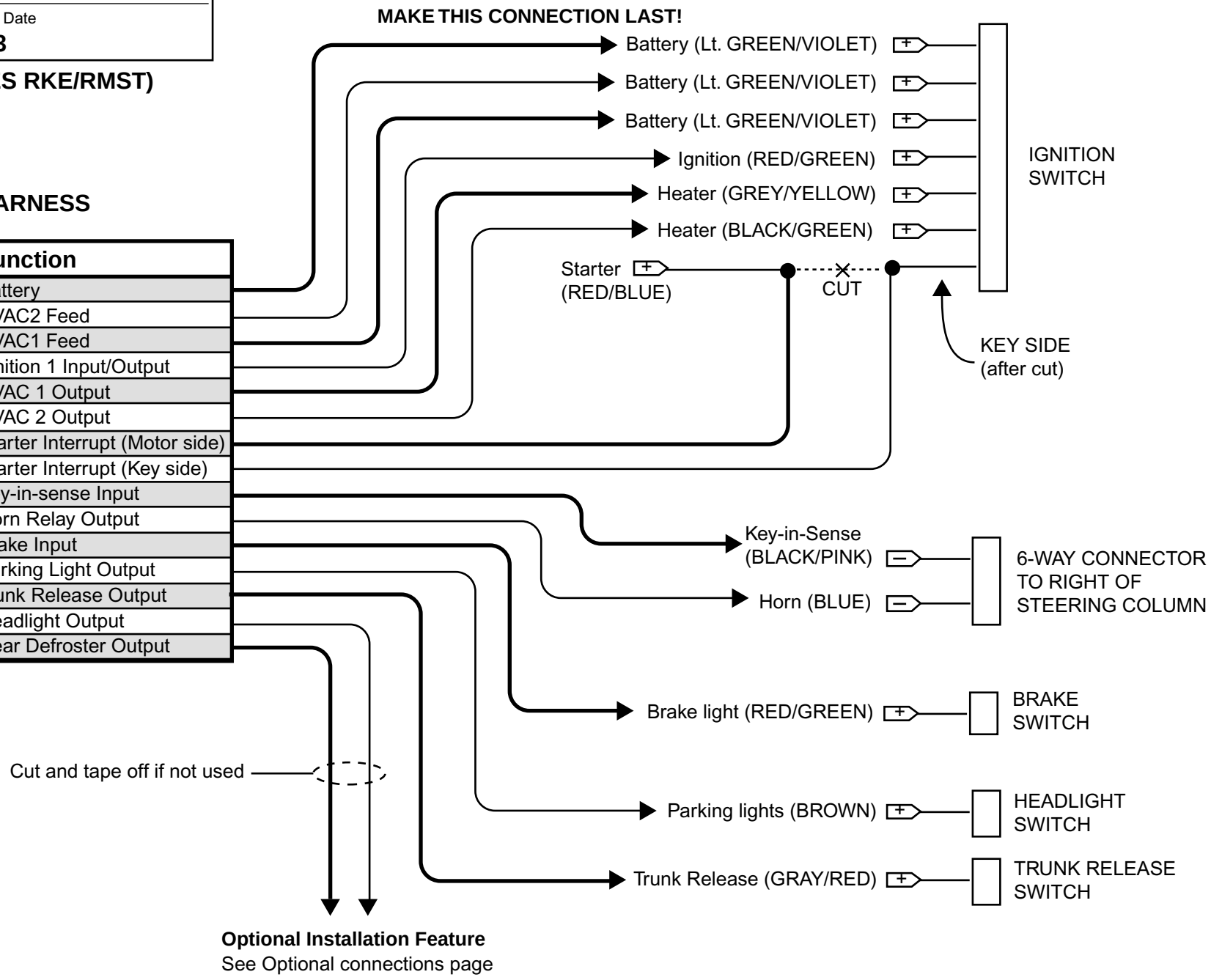
Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **2 of 3**	Revision Date **6/2/03**

(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
A-13	TAN	Trunk Release Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

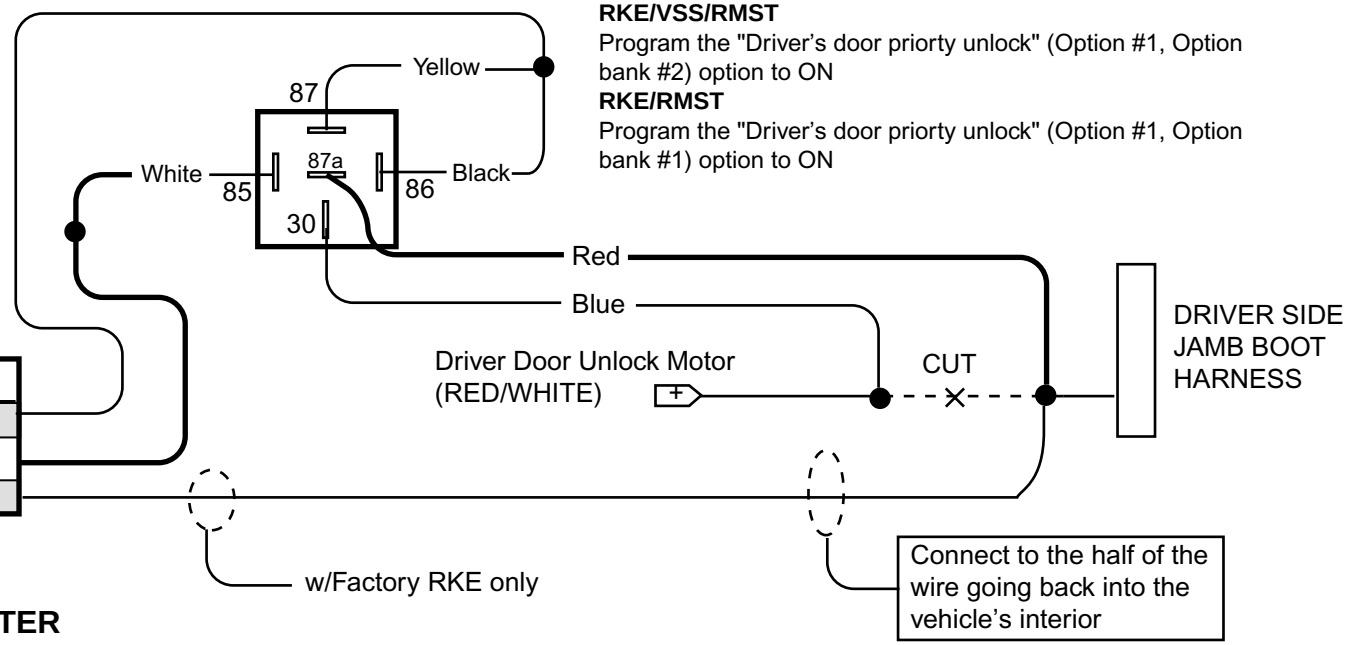
Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
3 of 3	**9/2/03**

(NOTE: ALSO INCLUDES RKE/RMST) OPTIONAL CONNECTIONS

NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

DRIVER'S DOOR PRIORITY UNLOCK

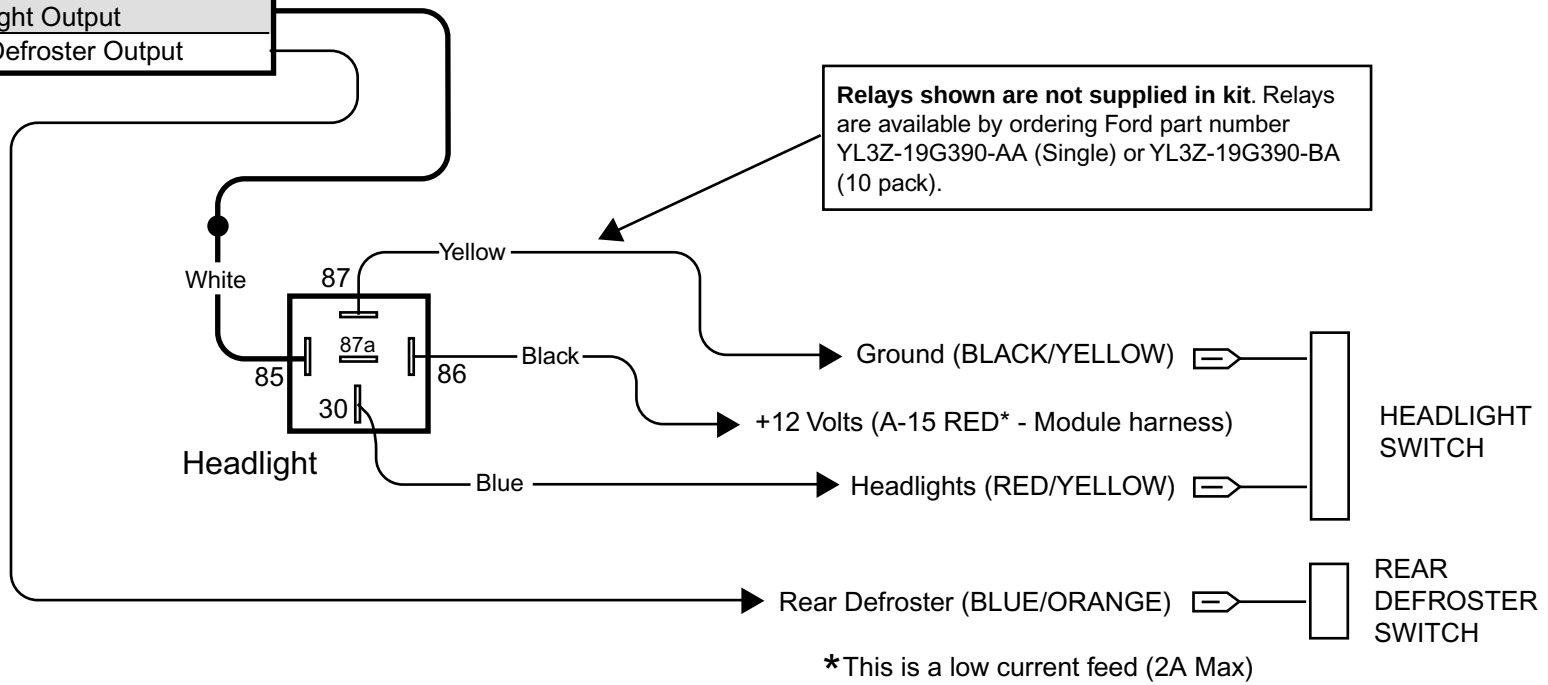
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
Page **1 of 1**	Revision Date **6/2/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (Lt. GREEN/VIOLET) (+)
Battery (Lt. GREEN/VIOLET) (+)
Battery (Lt. GREEN/VIOLET) (+)
Ignition (RED/GREEN) (+)
Heater (GREY/YELLOW) (+)
Heater (BLACK/GREEN) (+)
Starter (RED/BLUE) (+) — CUT

IGNITION SWITCH

KEY SIDE (after cut)

Key-in-Sense (BLACK/PINK) (−)
Horn (BLUE) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Brake light (RED/GREEN) (+)

BRAKE SWITCH

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

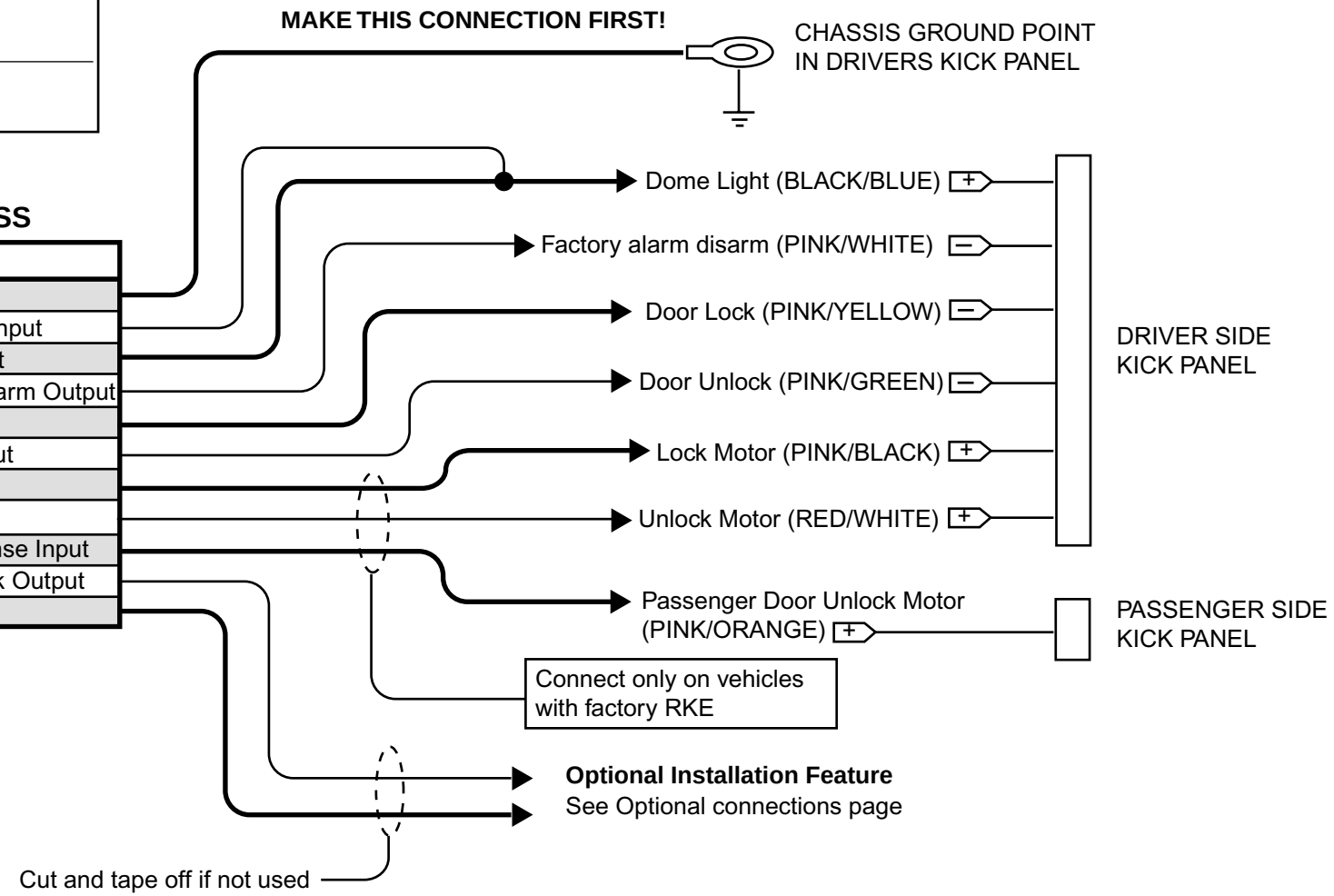
Tach Signal (WHITE/YELLOW) (−)

IGNITION COIL

Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
Page **1 of 3**	Revision Date **8/26/02**

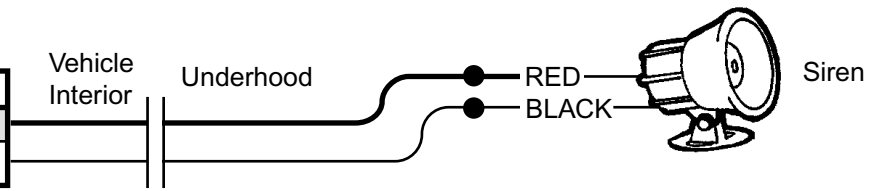
DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**



UNDERHOOD HARNESS

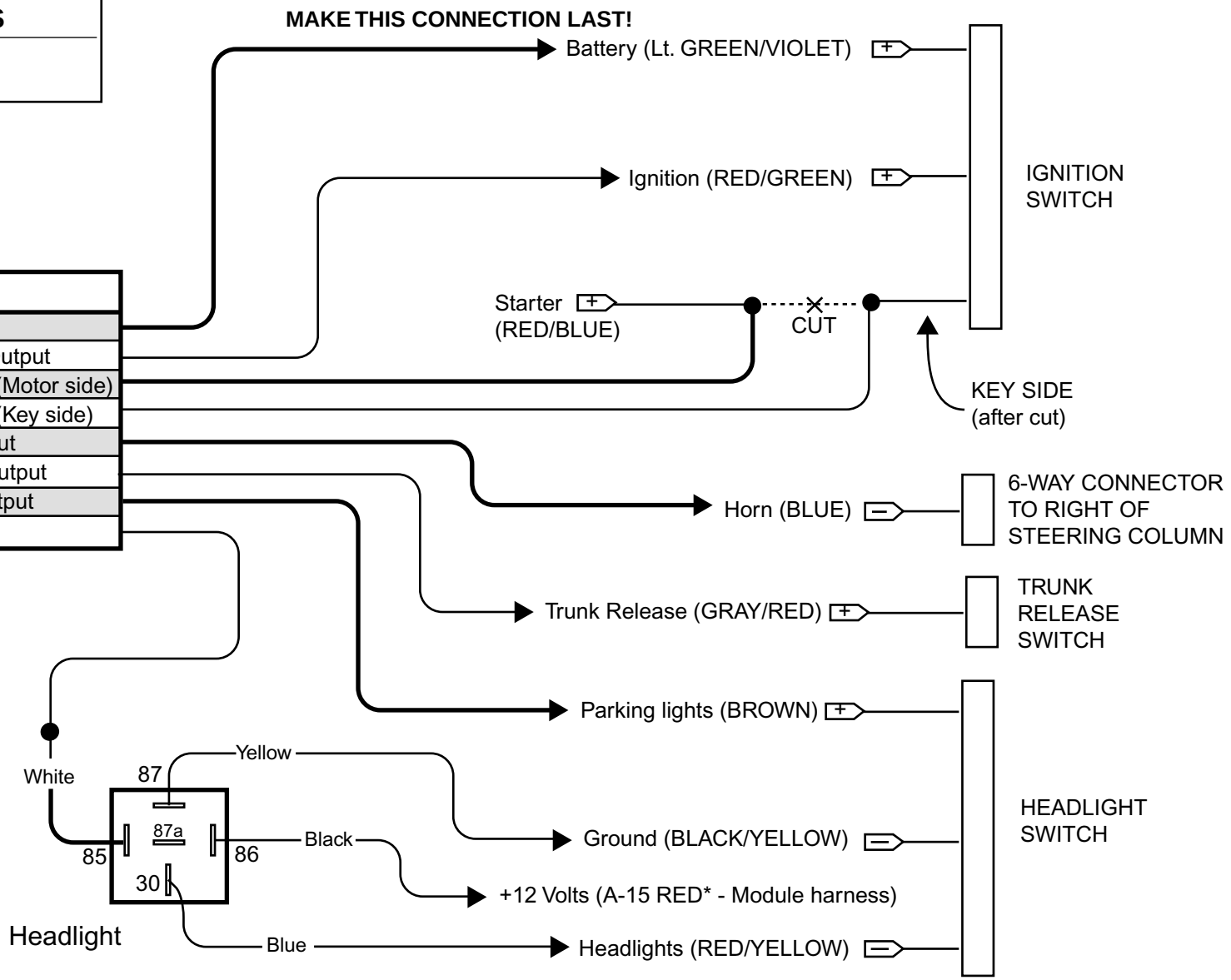
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output



Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
2 of 3	**6/2/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

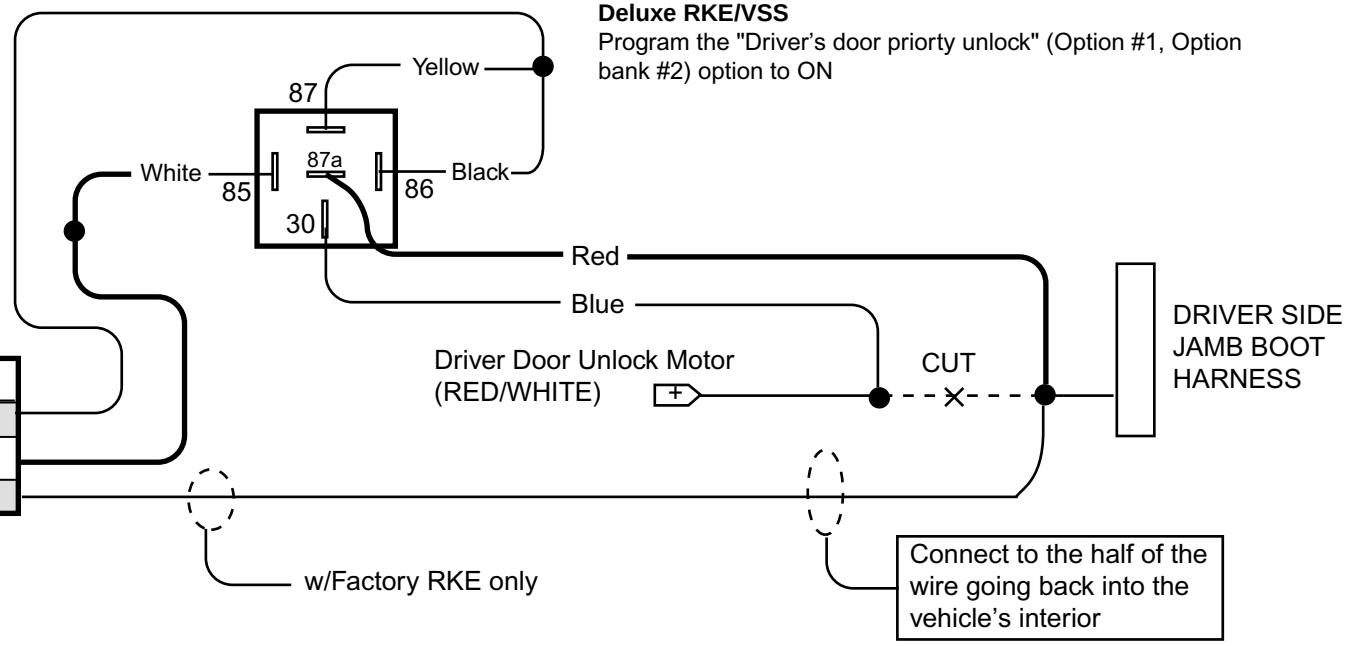


Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
3 of 3	**9/2/03**

NOTE:
Deluxe RKE/VSS
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

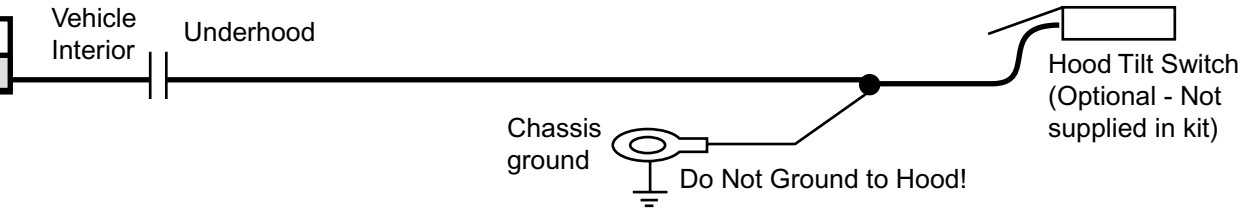
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **w/o Factory RKE**	System(s) applicable to: **VSS/RKE & RKE**
Page **1 of 1**	Revision Date **6/2/03**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

Dome Light (BLACK/BLUE) +

Door Lock (PINK/YELLOW) −

Door Unlock (PINK/GREEN) −

DRIVER SIDE
KICK PANEL

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (Lt. GREEN/VIOLET) +

Ignition (RED/GREEN) +

Starter (RED/BLUE) +

CUT

IGNITION
SWITCH

KEY SIDE
(after cut)

Horn (BLUE) −

6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Parking lights (BROWN) +

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
Page	Revision Date
1 of 1	**6/2/03**

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input

Dome Light (BLACK/BLUE) (+)

Lock Motor (PINK/BLACK) (+)

Unlock Motor (RED/WHITE) (+)

DRIVER SIDE
KICK PANEL

Passenger Door Unlock Motor
(PINK/ORANGE) (+)

PASSENGER SIDE
KICK PANEL

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

Battery (Lt. GREEN/VIOLET) (+)

Ignition (RED/GREEN) (+)

Starter (+)
(RED/BLUE)

CUT

IGNITION
SWITCH

KEY SIDE
(after cut)

Horn (BLUE) (−)

6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Parking lights (BROWN) (+)

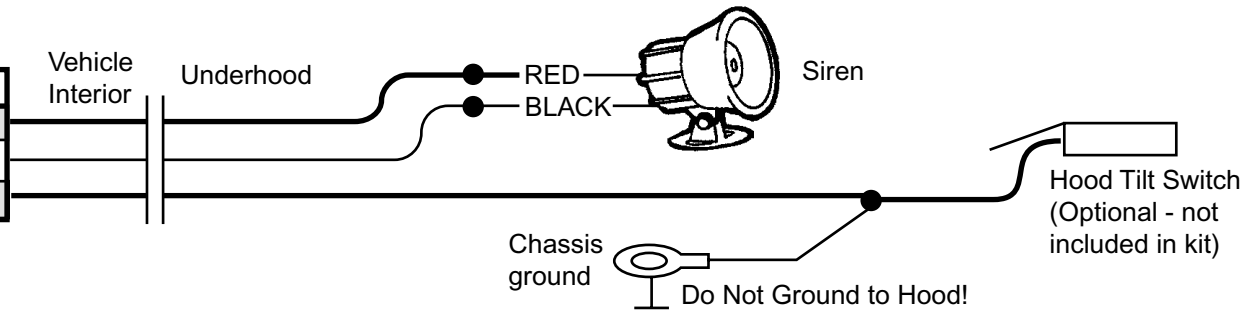
HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
Page **1 of 1**	Revision Date **6/2/03**

OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **Preload**
Page **1 of 1**	Revision Date **6/2/03**

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Factory alarm disarm (PINK/WHITE) (−)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Unlock Motor (RED/WHITE) (+)

DRIVER SIDE
KICK PANEL

Connect only on vehicles
with factory RKE

Passenger Door Unlock Motor
(PINK/ORANGE) (+)

PASSENGER SIDE
KICK PANEL

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (Lt. GREEN/VIOLET) (+)

Ignition (RED/GREEN) (+)

Starter (+)
(RED/BLUE)

CUT

IGNITION
SWITCH

KEY SIDE
(after cut)

Horn (BLUE) (−)

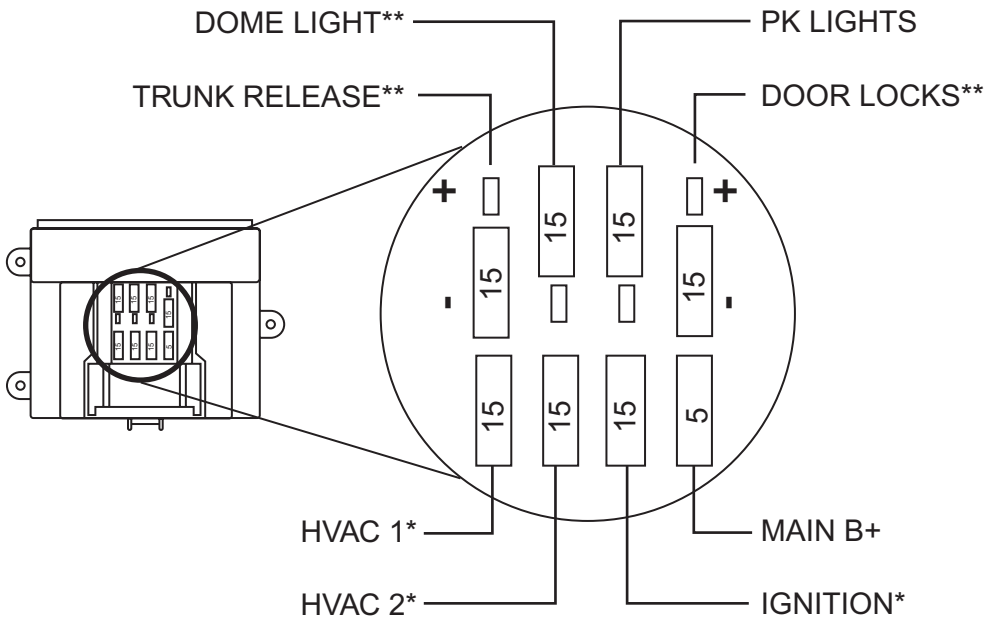
6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Parking lights (BROWN) (+)

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **3/19/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2004: 1L2Z-19G365-AB
2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - HEADLIGHT ILLUMINATION (OPTIONAL)
1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

On dash bracket above gas pedal and to right of steering column.

Vehicle (Year/Make/Model)	
'04-05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
1 of 3	**3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-9	BROWN	Disarm Input
C-4	Lt GREEN/BLACK	Factory Alarm Disarm
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Passenger Door Unlock Motor (+)
(PINK/ORANGE)

Unlock Motor (RED/WHITE) (+)

DRIVER SIDE
KICK PANEL

Factory Alarm Disarm (PINK/WHITE) (−)

Connect on vehicles equipped with OE perimeter alarm

Driver's Door Latch (YELLOW/BLACK) (−)

Connect on vehicles equipped w/o OE perimeter alarm

DRIVER SIDE
DOOR JAMB
BOOT HARNESS

CUT THIS WIRE OFF AS CLOSE
TO THE CONNECTOR AS POSSIBLE

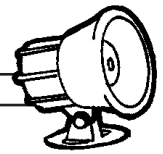
Cut and tape off if not used

Optional Installation Feature
See Optional connections page

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Siren (w/VSS only)



Vehicle Interior | Underhood

RED

BLACK

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR

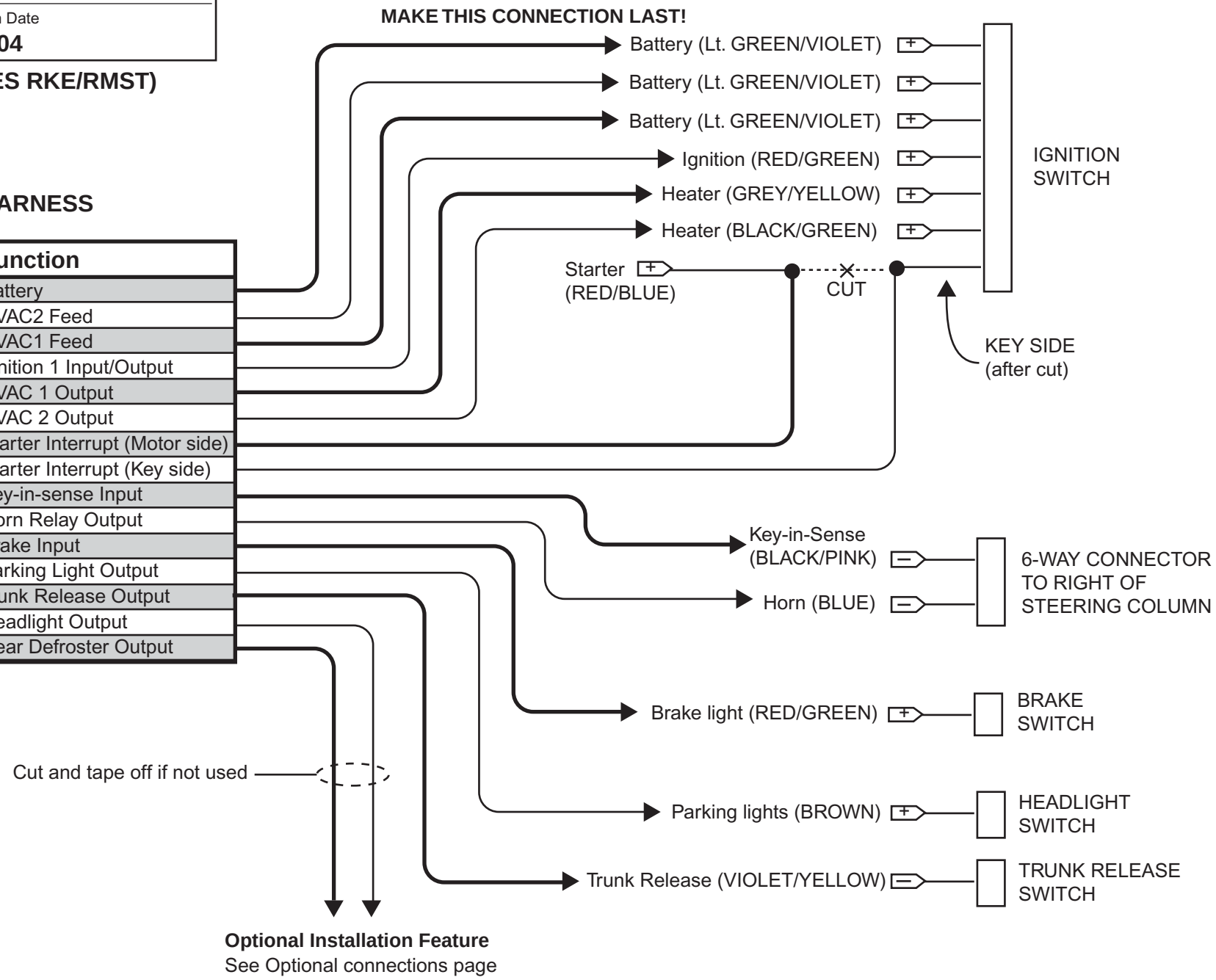
Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **2 of 3**	Revision Date **3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
A-13	TAN	Trunk Release Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Optional Installation Feature
See Optional connections page

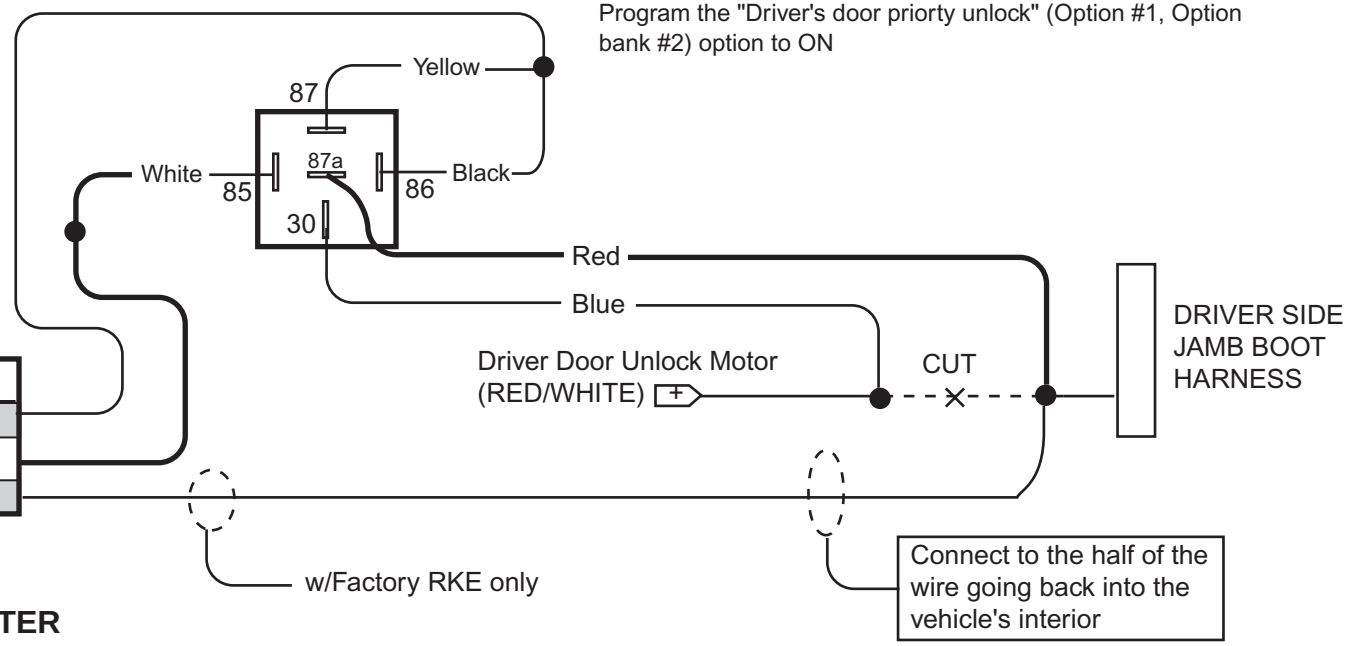
Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
3 of 3	**3/19/04**

(NOTE: ALSO INCLUDES RKE/RMST)
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

DRIVER'S DOOR PRIORITY UNLOCK

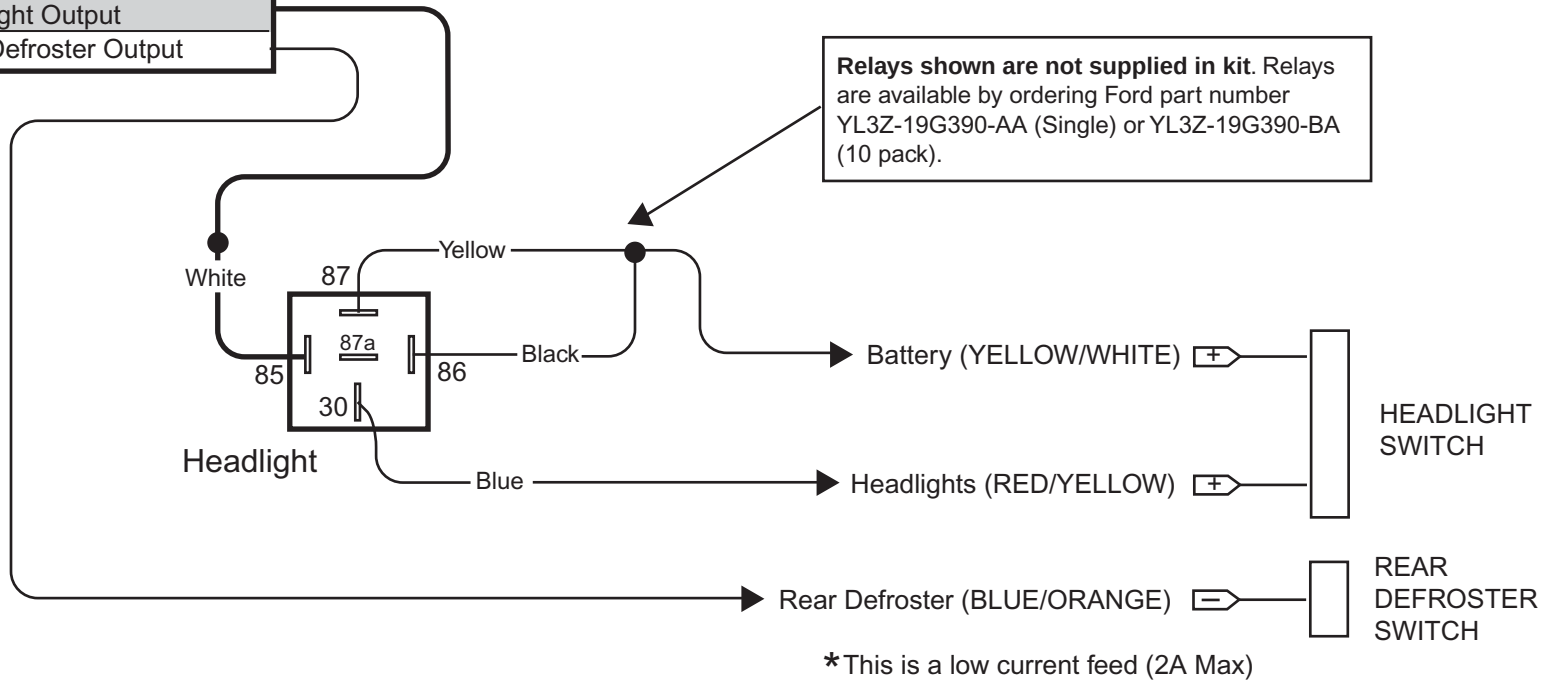
	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!



*This is a low current feed (2A Max)

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **RMST**
Page **1 of 1**	Revision Date **3/19/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

MAKE THIS CONNECTION LAST!

Battery (Lt. GREEN/VIOLET) (+)
Battery (Lt. GREEN/VIOLET) (+)
Battery (Lt. GREEN/VIOLET) (+)
Ignition (RED/GREEN) (+)
Heater (GREY/YELLOW) (+)
Heater (BLACK/GREEN) (+)
Starter (RED/BLUE) (+) — CUT

IGNITION SWITCH

KEY SIDE (after cut)

Key-in-Sense (BLACK/PINK) (−)
Horn (BLUE) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Brake light (RED/GREEN) (+)

BRAKE SWITCH

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Underhood

HOOD TILT SWITCH

Chassis ground

Do Not Ground to Hood!

Tach Signal (TAN) (−)

FUEL INJECTOR

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **Deluxe RKE/VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-9	BROWN	Disarm Input
C-4	Lt GREEN/BLACK	Factory Alarm Disarm
A-24	BLUE/GREEN	Driver Door Unlock Output
C-8	BLUE	Trunk Ajar Input

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Passenger Door Unlock Motor (PINK/ORANGE) (+)

Unlock Motor (RED/WHITE) (+)

DRIVER SIDE KICK PANEL

Factory Alarm Disarm (PINK/WHITE) (−)

Connect on vehicles equipped with OE perimeter alarm

Driver's Door Latch (YELLOW/BLACK) (−)

Connect on vehicles equipped w/o OE perimeter alarm

DRIVER SIDE DOOR JAMB BOOT HARNESS

CUT THIS WIRE OFF AS CLOSE TO THE CONNECTOR AS POSSIBLE

Optional Installation Feature
See Optional connections page

Cut and tape off if not used

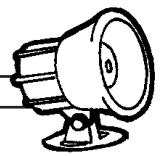
UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle Interior | Underhood

RED

BLACK



Siren

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
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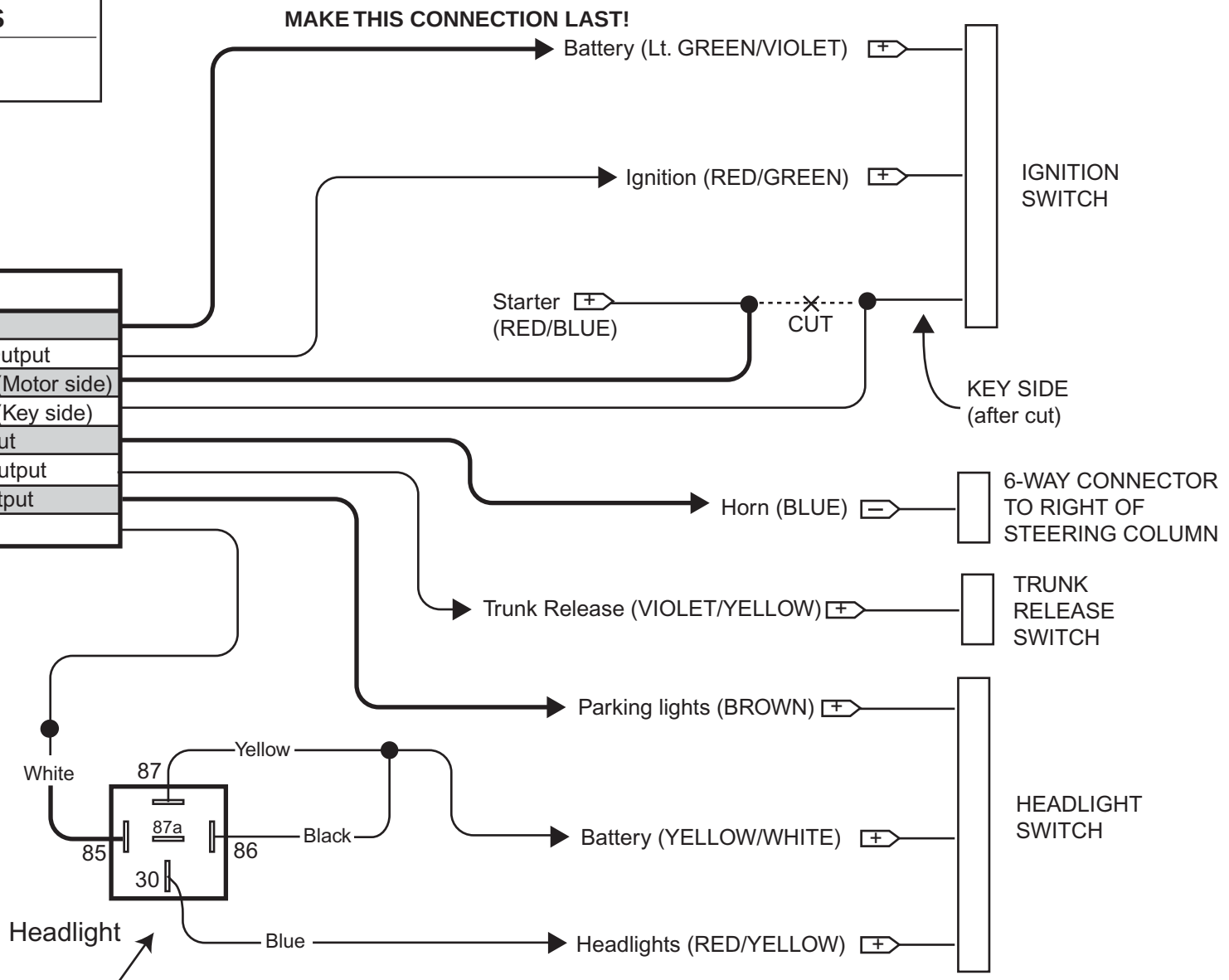
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-13	TAN	Trunk Release Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Vehicle (Year/Make/Model)	
'04-05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
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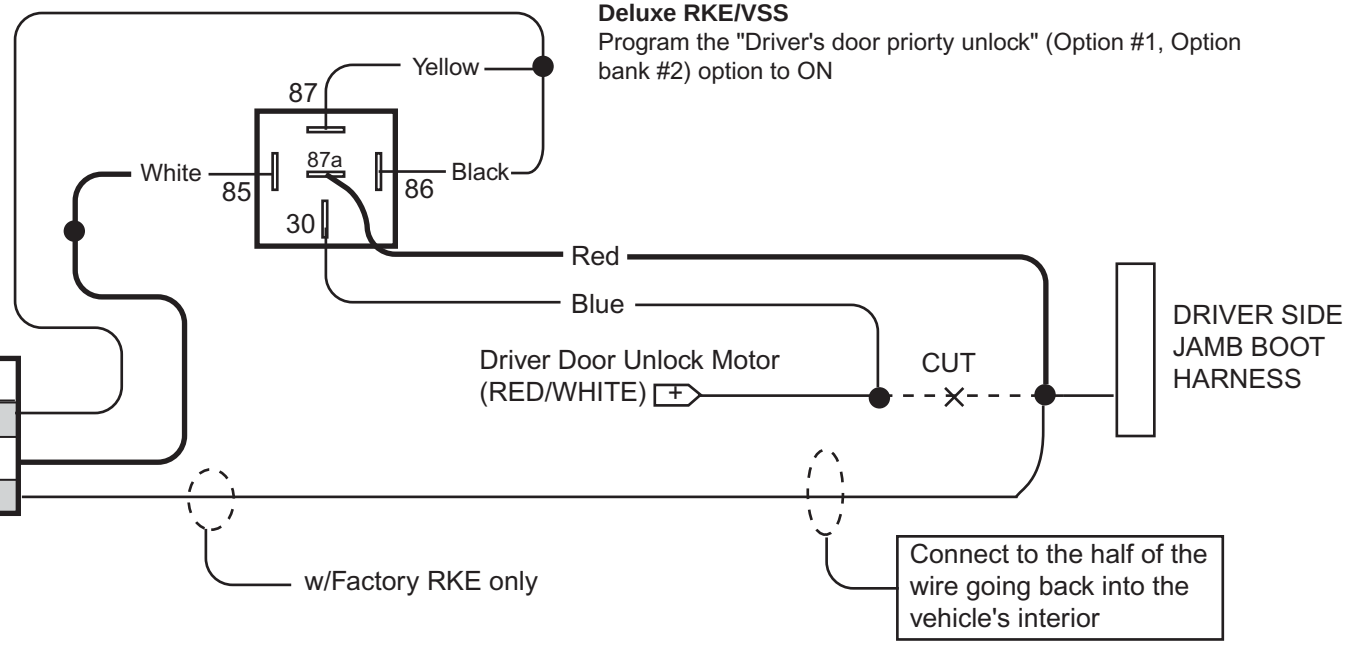
NOTE:
Deluxe RKE/VSS
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

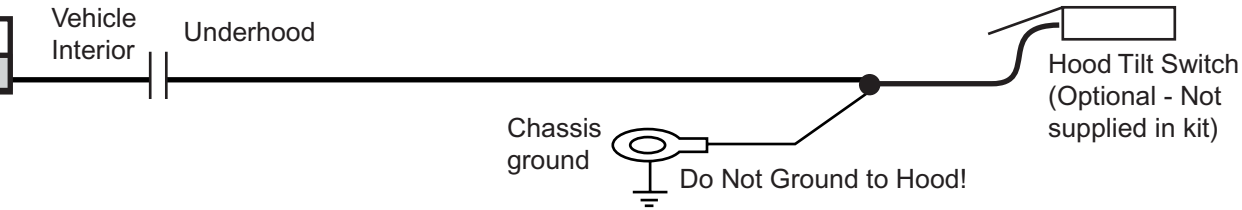
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



UNDERHOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**VSS/RKE & RKE**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

DRIVER SIDE
KICK PANEL

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Driver's Door Latch (YELLOW/BLACK) (-)

DRIVER'S DOOR
JAMB BOOT
HARNESS

***NOTE: This connection is needed to interface with vehicles equipped with "Trim Switch Disable"**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered.

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (Lt. GREEN/VIOLET) (+)

Ignition (RED/GREEN) (+)

Starter (+)
(RED/BLUE)

CUT

IGNITION
SWITCH

KEY SIDE
(after cut)

Horn (BLUE) (−)

6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Parking lights (BROWN) (+)

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-12	LT.GREEN	Unlock Switch Sense Input

Dome Light (BLACK/BLUE) +

Lock Motor (PINK/BLACK) +

Unlock Motor (RED/WHITE) +

Passenger Door Unlock Motor
(PINK/ORANGE) +

DRIVER SIDE
KICK PANEL

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output

Battery (Lt. GREEN/VIOLET) +

Ignition (RED/GREEN) +

Starter +
(RED/BLUE)

CUT

IGNITION
SWITCH

KEY SIDE
(after cut)

Horn (BLUE) −

6-WAY CONNECTOR
TO RIGHT OF
STEERING COLUMN

Parking lights (BROWN) +

HEADLIGHT
SWITCH

Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS & RKE/VSS**
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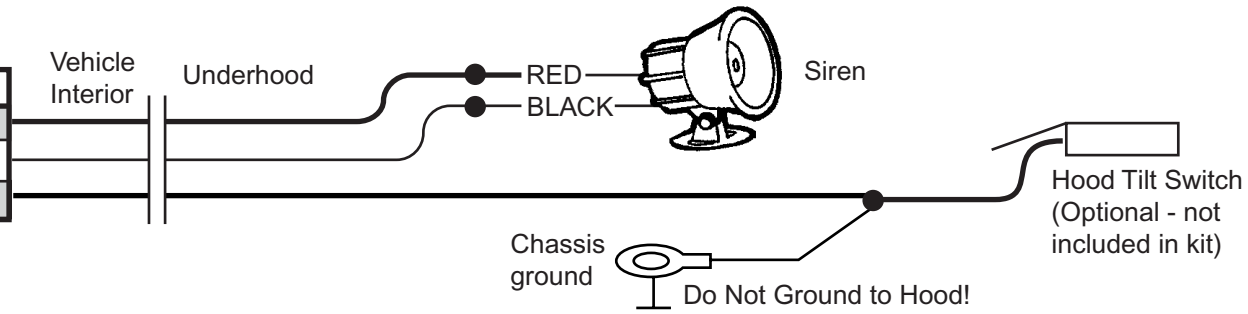
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'04-'05 Sable / Taurus	
Equipment or Trim level **ALL**	System(s) applicable to: **Preload**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVERS KICK PANEL

DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-12	LT.GREEN	Unlock Switch Sense Input
A-9	BROWN	Disarm Input
C-4	Lt GREEN/BLACK	Factory Alarm Disarm

Dome Light (BLACK/BLUE) (+)

Door Lock (PINK/YELLOW) (−)

Door Unlock (PINK/GREEN) (−)

Lock Motor (PINK/BLACK) (+)

Passenger Door Unlock Motor (PINK/ORANGE) (+)

DRIVER SIDE KICK PANEL

Unlock Motor (RED/WHITE) (+)

Factory Alarm Disarm (PINK/WHITE) (−)

Connect on vehicles equipped with OE perimeter alarm

Driver's Door Latch (YELLOW/BLACK) (−)

Connect on vehicles equipped w/o OE perimeter alarm

DRIVER SIDE DOOR JAMB BOOT HARNESS

***NOTE:Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Alarm Disarm Output.**

MAKE THIS CONNECTION LAST!

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Battery (Lt. GREEN/VIOLET) (+)

Ignition (RED/GREEN) (+)

Starter (RED/BLUE) (+)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (−)

6-WAY CONNECTOR TO RIGHT OF STEERING COLUMN

Parking lights (BROWN) (+)

HEADLIGHT SWITCH

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
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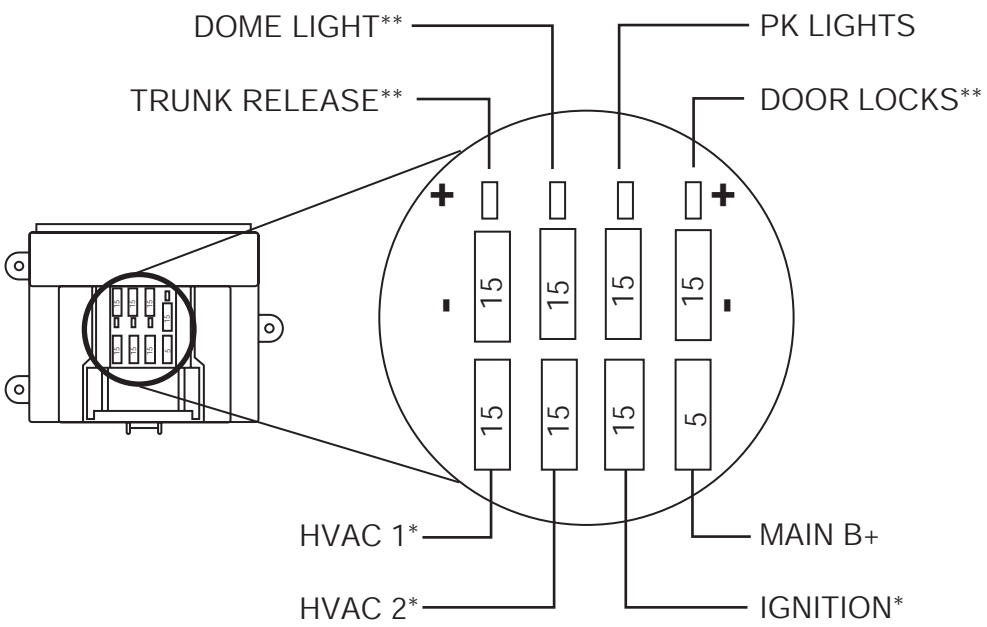
FUSE PLACEMENT CHART



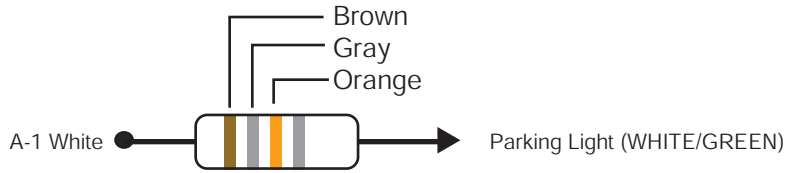
*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

REMOTE START REQUIRED PARTS

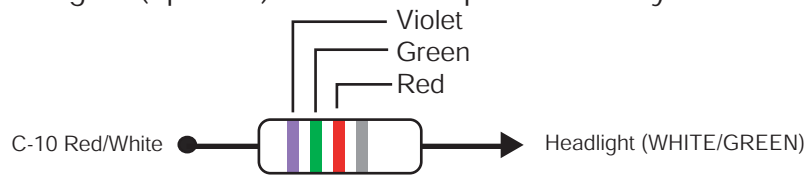
SecuriLock (PATS) Interface 2002: 1S4Z-19G365-AB
Securilock (PATS) Interface 2003-05: 1L2Z-19G365-AB
In-line Diode Harness 2002-05: 5W4Z-14B501-AA

RESISTOR REQUIREMENTS:

Parking Lights- 1.8k ohm required on all systems



Headlights (optional)- 750 ohm required on all systems



ADDITIONAL PARTS REQUIREMENTS:

1 - Driver Door Priority Unlock (Optional) Part # YL3Z-19G390-AA

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative
Unlock switch sense polarity	Positive(default)
Key in Sense polarity	Positive
Rear Defroster	10 Min.

MODULE MOUNTING LOCATION:

Behind headlight switch panel

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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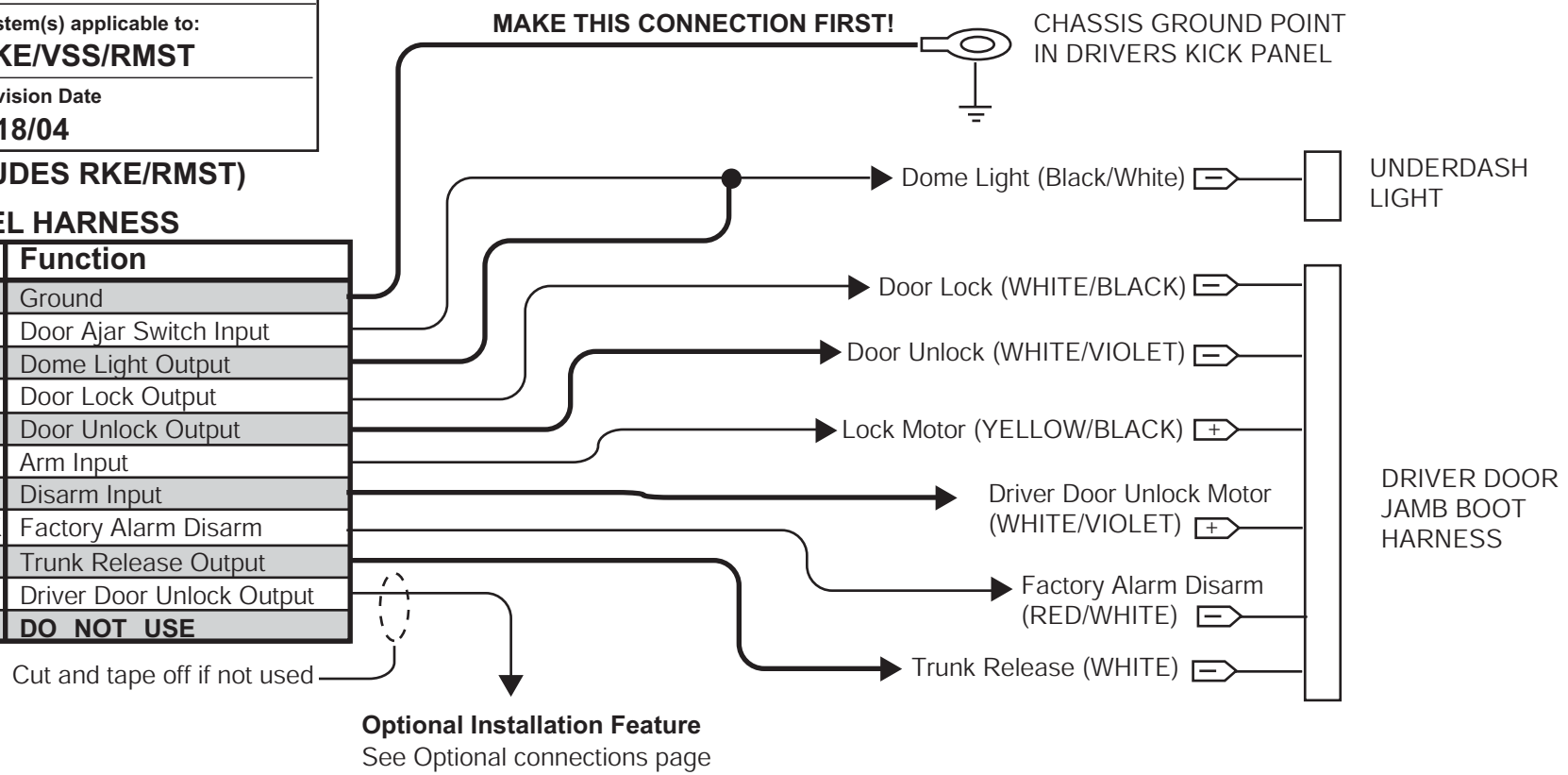
(NOTE: ALSO INCLUDES RKE/RMST)

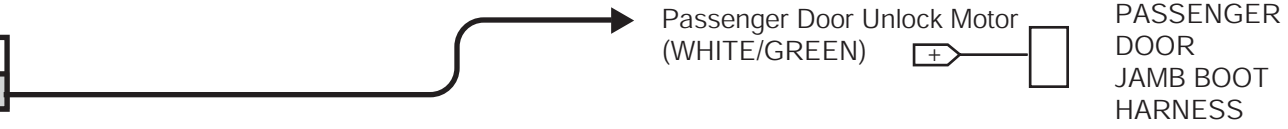
DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**



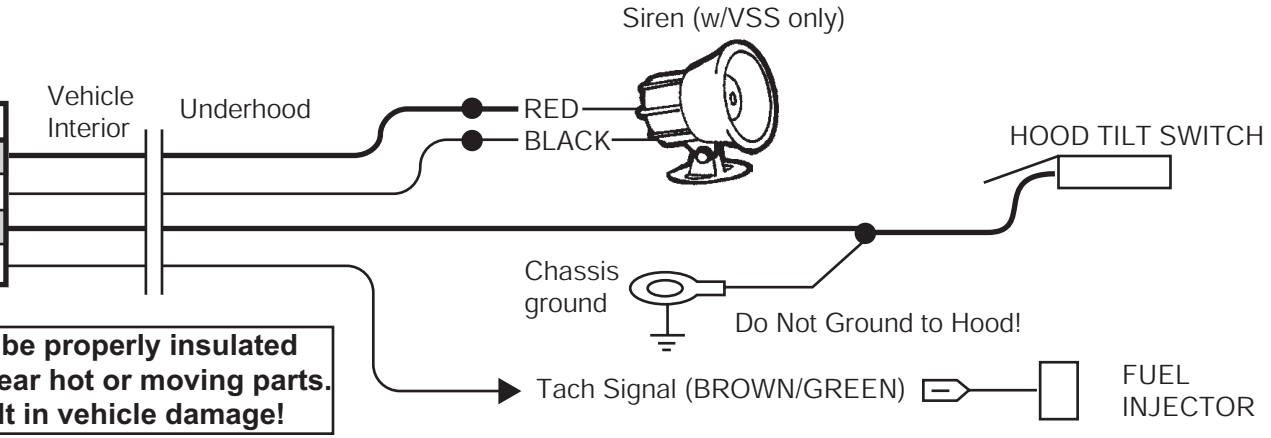
PASSENGERS KICKPANEL HARNESS

	Color	Function
A-12	LT GREEN	Unlock Switch Sense



UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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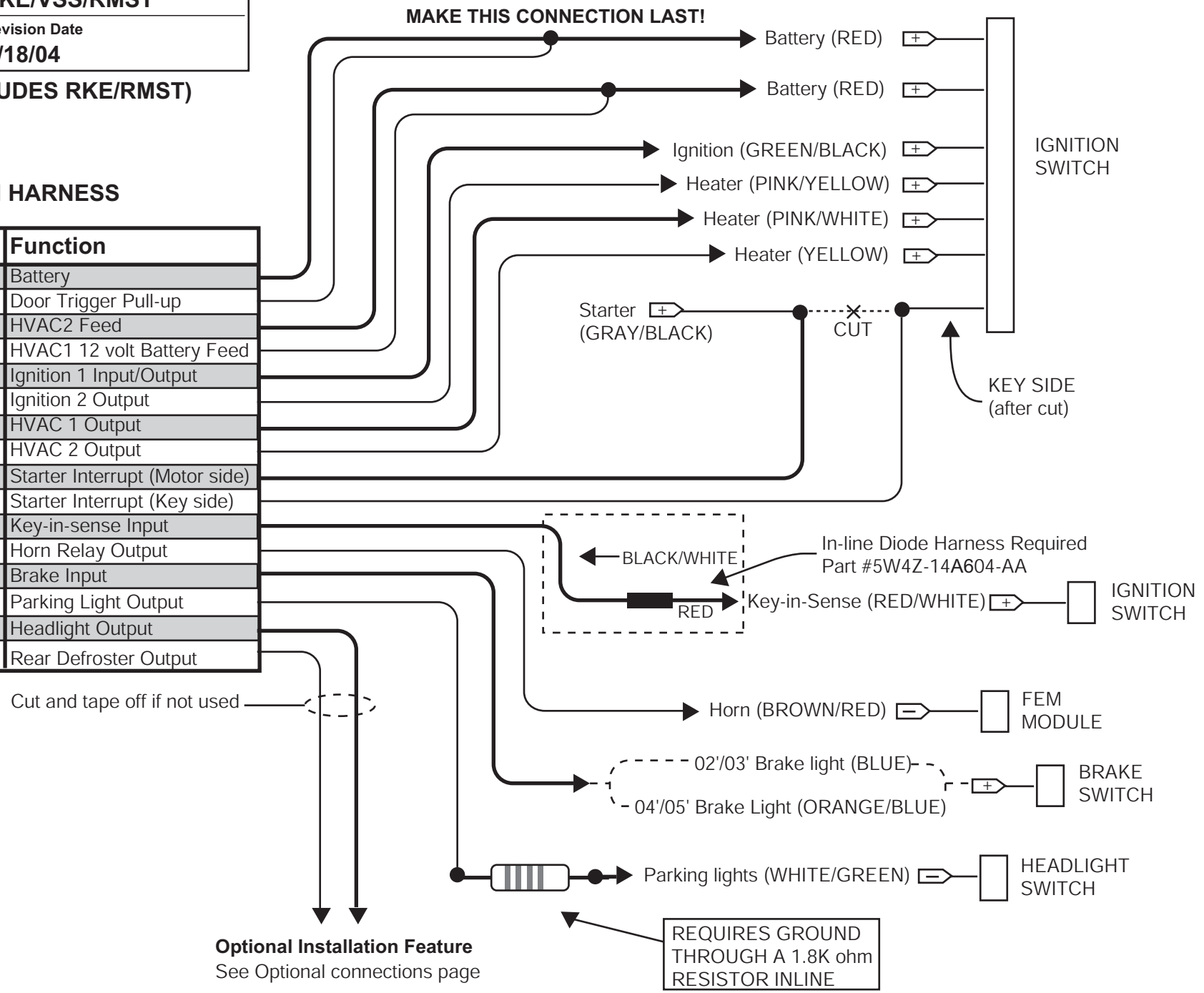
(NOTE: ALSO INCLUDES RKE/RMST)

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output



Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
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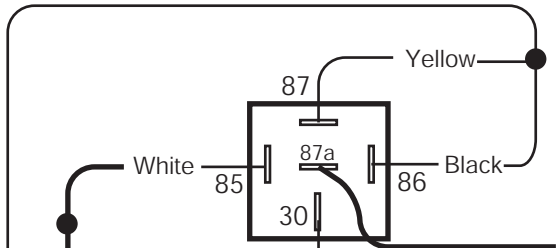
(NOTE: ALSO INCLUDES RKE/RMST)

OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



Red

Blue

Driver Door Unlock Motor
(WHITE/VIOLET) +

CUT

DRIVER SIDE JAMB BOOT HARNESS

DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

w/Factory RKE only

Connect to the half of the wire going back into the vehicle's interior

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Headlights (WHITE/GREEN) −

HEADLIGHT SWITCH

REQUIRES GROUND THROUGH A 750 ohm RESISTOR INLINE

HEADLIGHT ILLUMINATION / REAR DEFROSTER

	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

Rear Defroster (BROWN/WHITE) −

HARNESS BEHIND REAR SPEAKER

IMPORTANT!
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

NOTE:
Program the "Aux 2 (Rear Defroster) time (Option #2, Option Bank #4) option to ON.

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RMST**
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
B-7	BROWN	Brake Input
A-1	WHITE	Parking Light Output

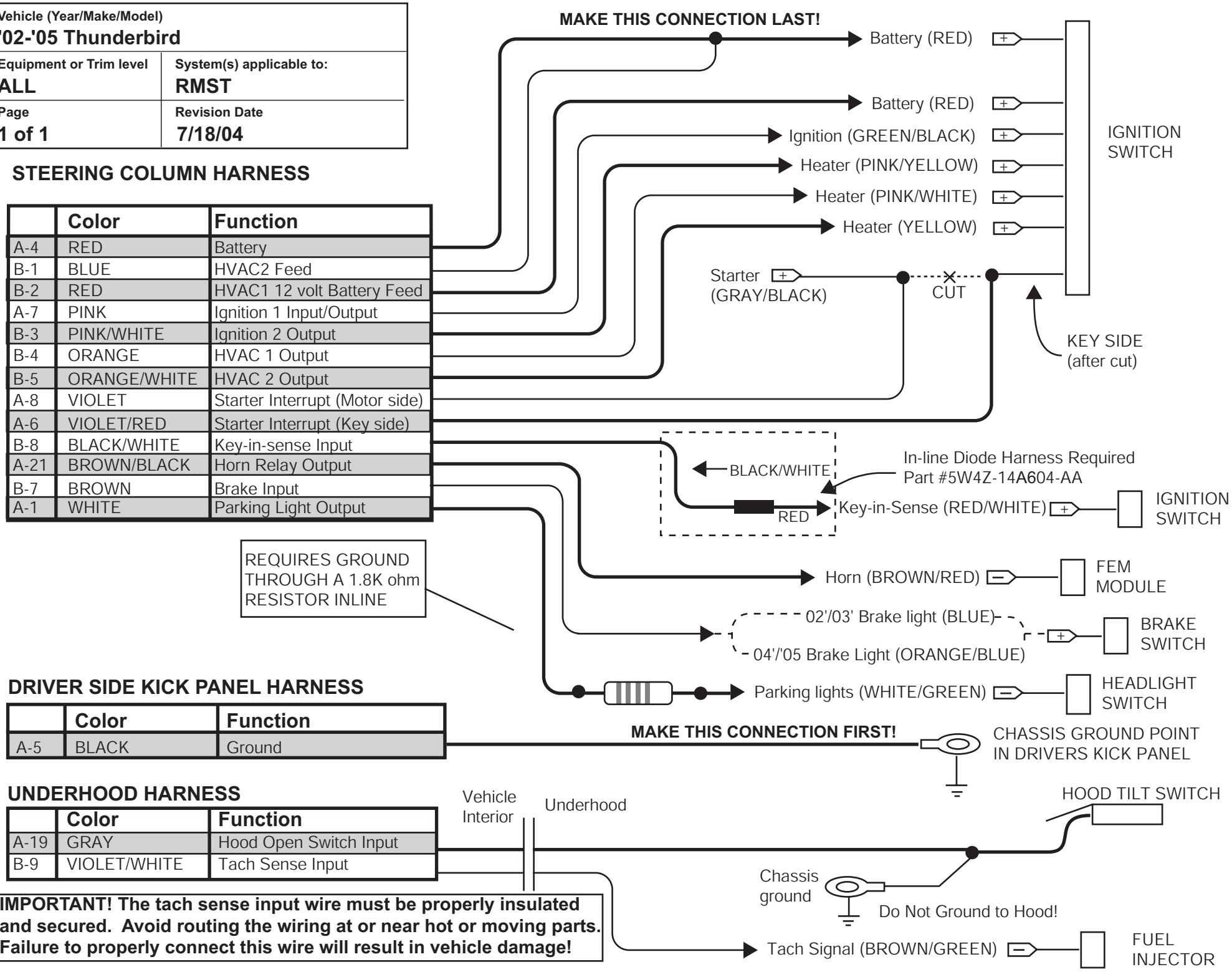
DRIVER SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!



Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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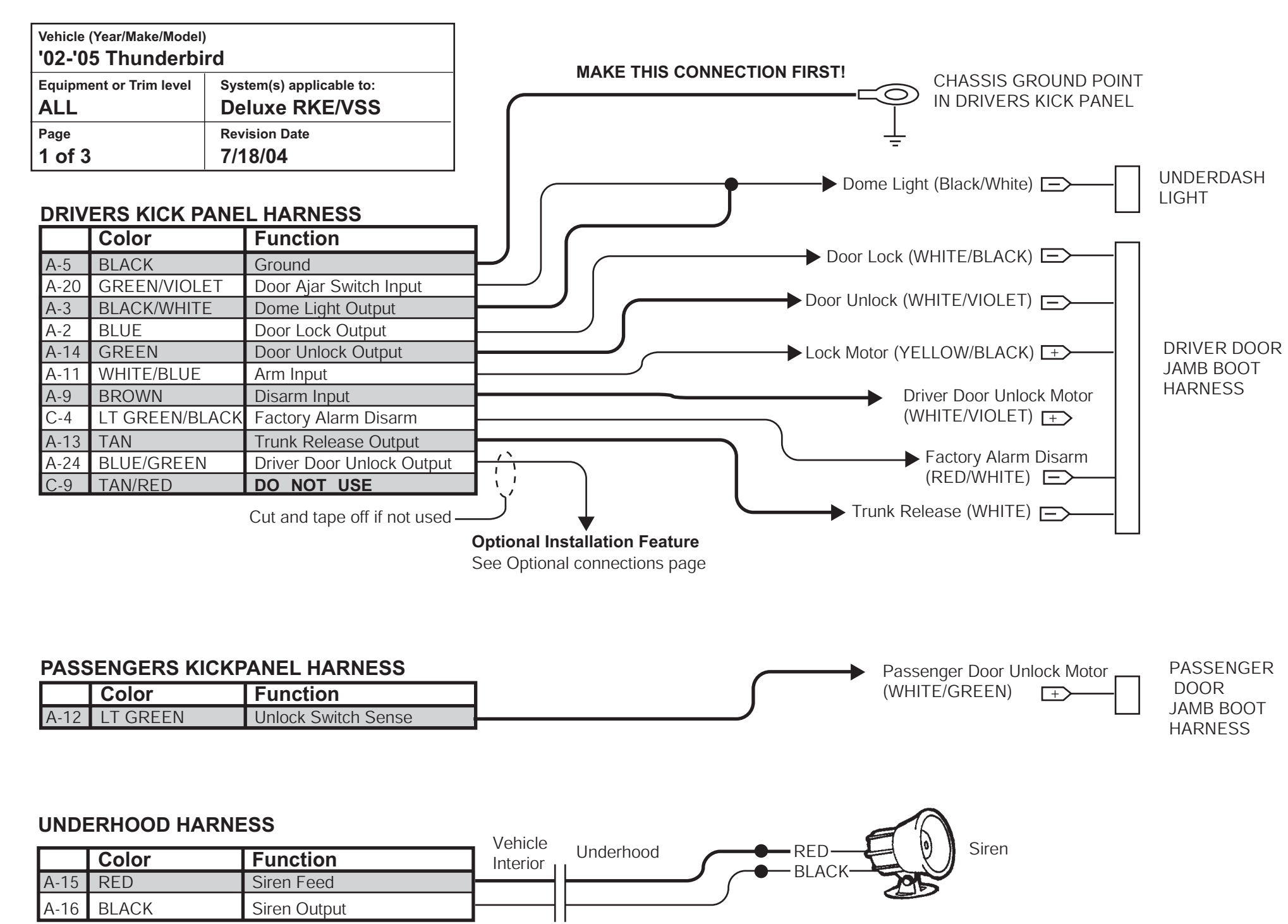

DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
C-4	LT GREEN/BLACK	Factory Alarm Disarm
A-13	TAN	Trunk Release Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-9	TAN/RED	**DO NOT USE**

PASSENGERS KICKPANEL HARNESS

	Color	Function
A-12	LT GREEN	Unlock Switch Sense

UNDERHOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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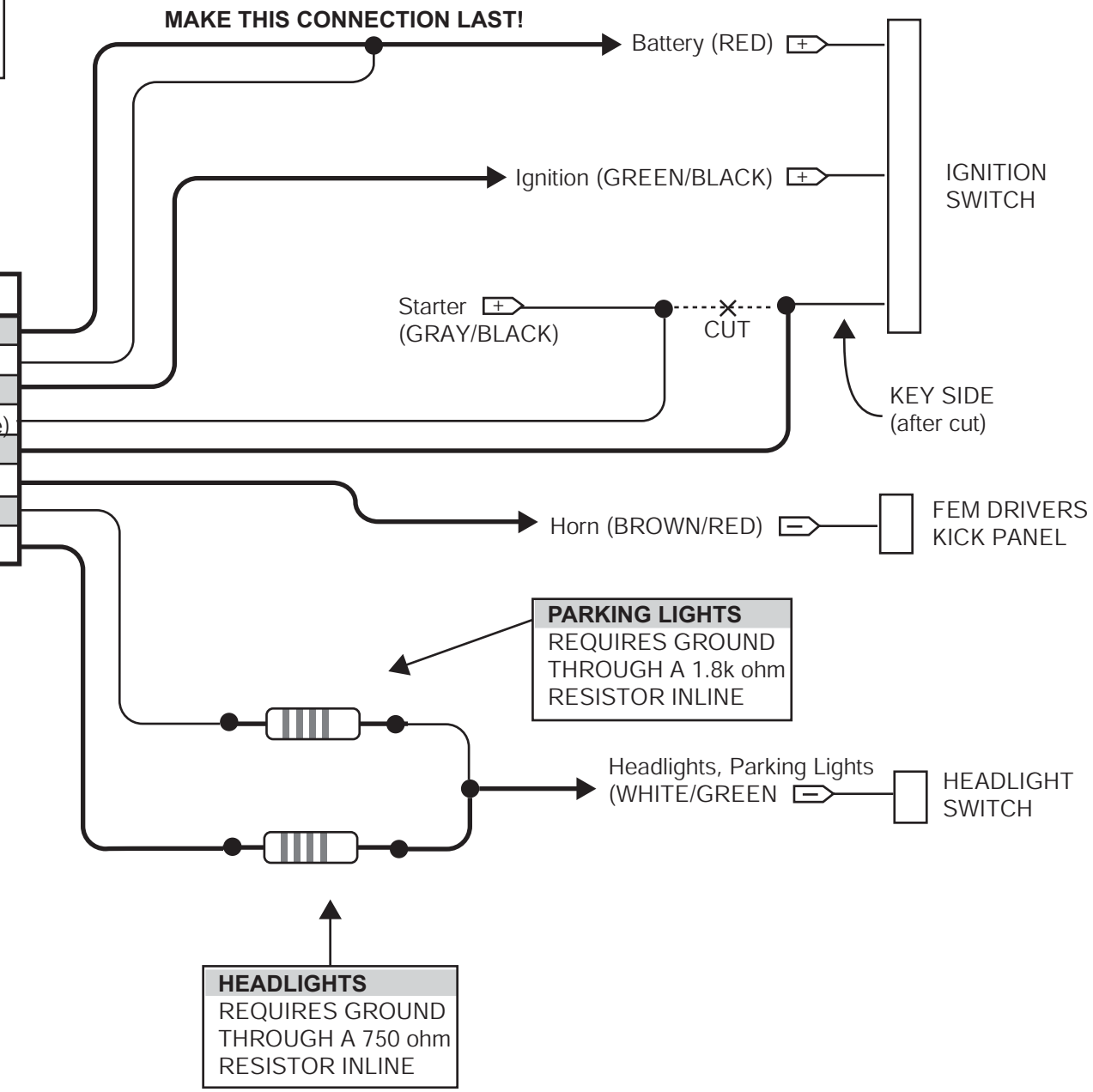
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output



Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Deluxe RKE/VSS**
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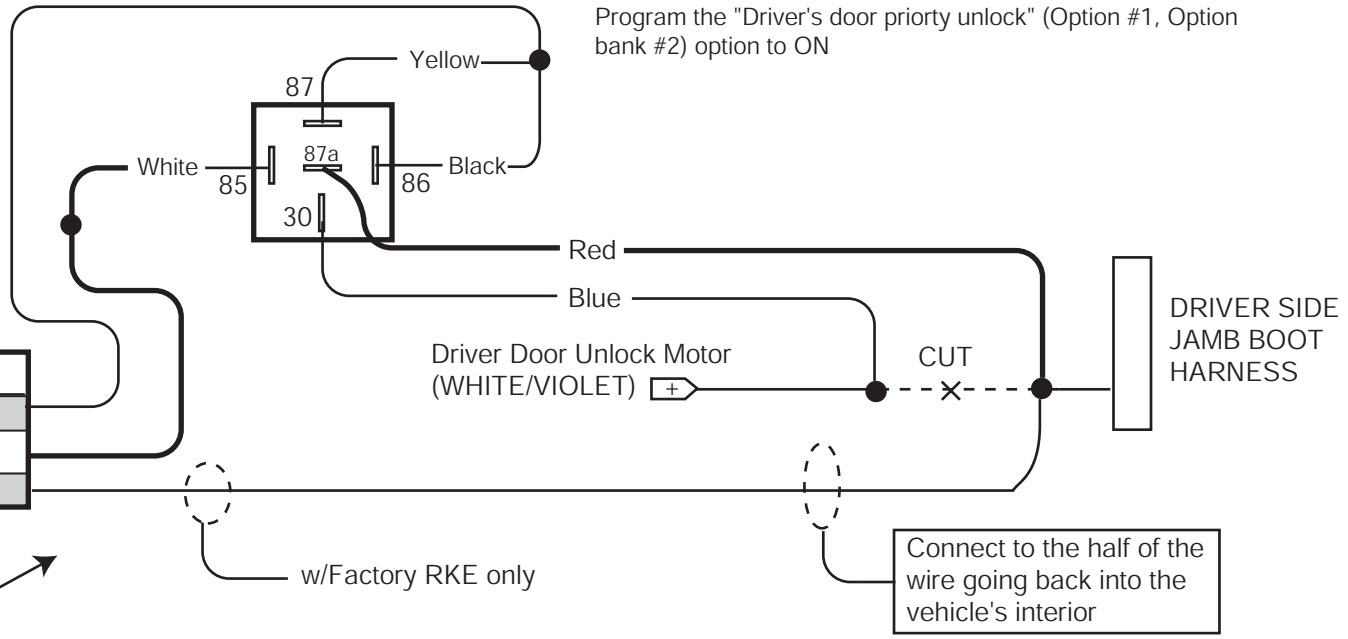
OPTIONAL CONNECTIONS

NOTE:
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



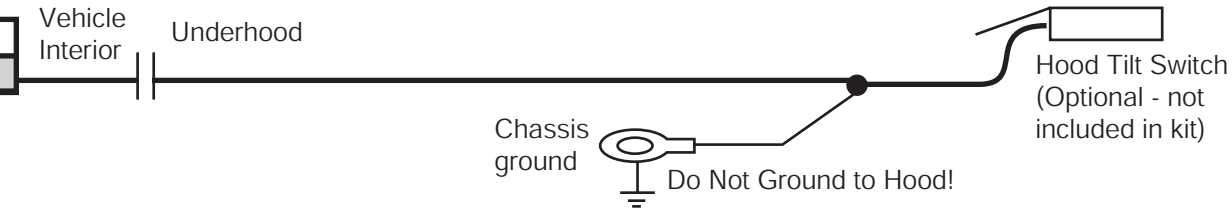
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

UNDERHOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input



IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
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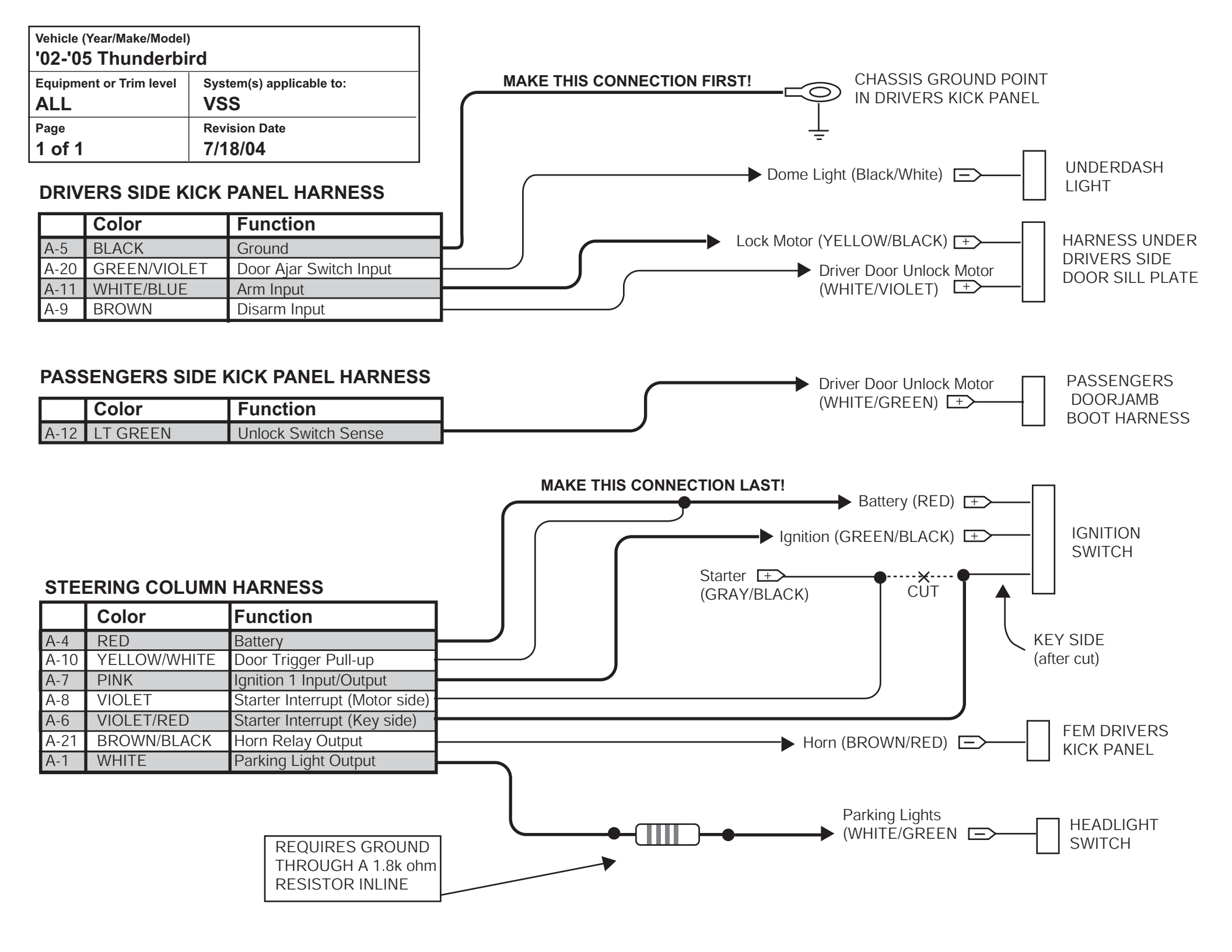


DRIVERS SIDE KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input

PASSENGERS SIDE KICK PANEL HARNESS

	Color	Function
A-12	LT GREEN	Unlock Switch Sense

STEERING COLUMN HARNESS

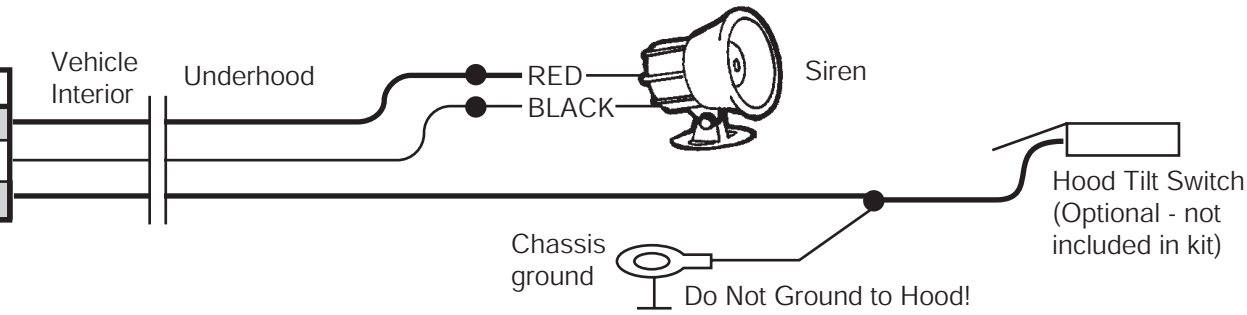
	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**VSS**
Page	**Revision Date**
1 of 1	**7/18/04**

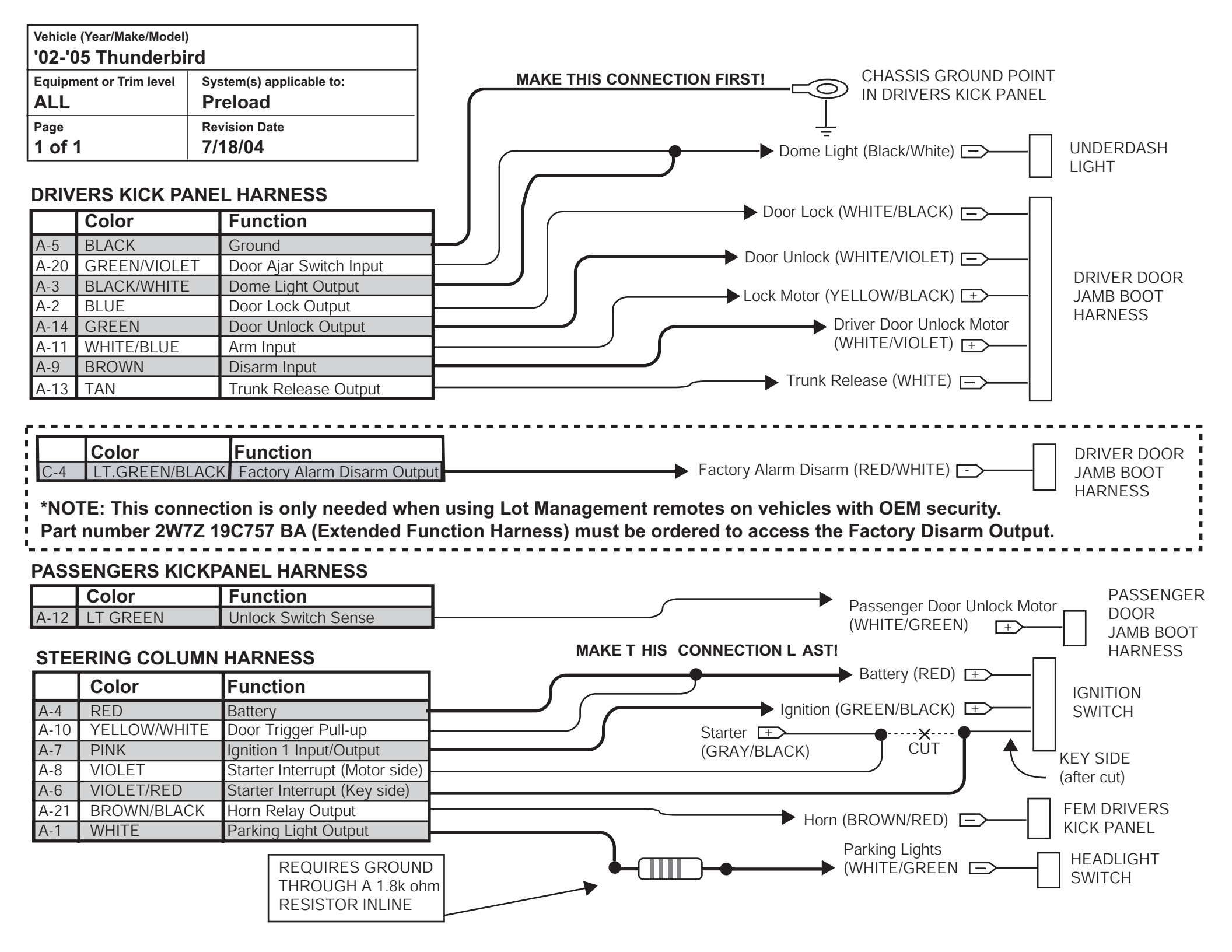
OPTIONAL CONNECTIONS

UNDERHOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02-'05 Thunderbird	
Equipment or Trim level	**System(s) applicable to:**
ALL	**Preload**
Page	**Revision Date**
1 of 1	**7/18/04**



DRIVERS KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-11	WHITE/BLUE	Arm Input
A-9	BROWN	Disarm Input
A-13	TAN	Trunk Release Output

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

PASSENGERS KICKPANEL HARNESS

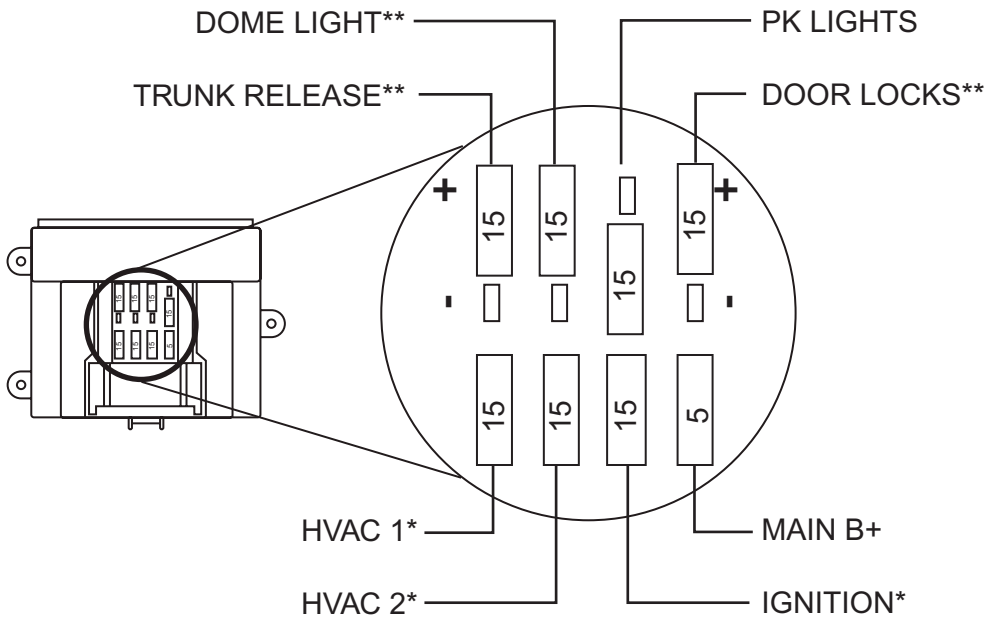
	Color	Function
A-12	LT GREEN	Unlock Switch Sense

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-10	YELLOW/WHITE	Door Trigger Pull-up
A-7	PINK	Ignition 1 Input/Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
Page **1 of 1**	Revision Date **1/5/04**

FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L3Z-19G365-AB
2003-04: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

2 - MEMORY SEATS (OPTIONAL)
1 - DRIVER DOOR UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)
Rear Defroster time	10 minutes

MODULE MOUNTING LOCATION:

Left side of PCM

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **RKE/VSS/RMST**
Page **1 of 3**	Revision Date **1/5/04**

NOTE: ALSO COVERS RKE/RMST

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory 1 Output
C-13	YELLOW/GREEN	Memory 2 Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)
Connector C501a Cavity #21

Driver Door Lock Motor (PINK/BLACK) (+)
Connector C501a Cavity #22

Door Unlock (PINK/GREEN) (+)
Connector C501a Cavity #18

Door Lock (PINK/YELLOW) (+)
Connector C501a Cavity #6

Trunk Release (WHITE/VIOLET) (−)
Connector C501b Cavity #2

DDM
(IN DRIVER'S
DOOR)

CUT THIS WIRE OFF WITHIN 2 INCHES
OF THE 16-WAY CONNECTOR

Factory Alarm Disarm (LT. BLUE/BLACK) (−)

IN DRIVER'S
DOOR AT
KEY SWITCH

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

Optional Installation Feature
See POWER OPTIONS (3 of 3)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

HOOD TILT SWITCH

Chassis
Ground

Do Not Ground to Hood!

Tach Signal
(Lt GREEN/ORANGE) (−)

DRIVER'S
SIDE
FUEL
INJECTOR

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
2 of 3	**1/5/04**

NOTE: ALSO COVERS RKE/RMST

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output

IMPORTANT!

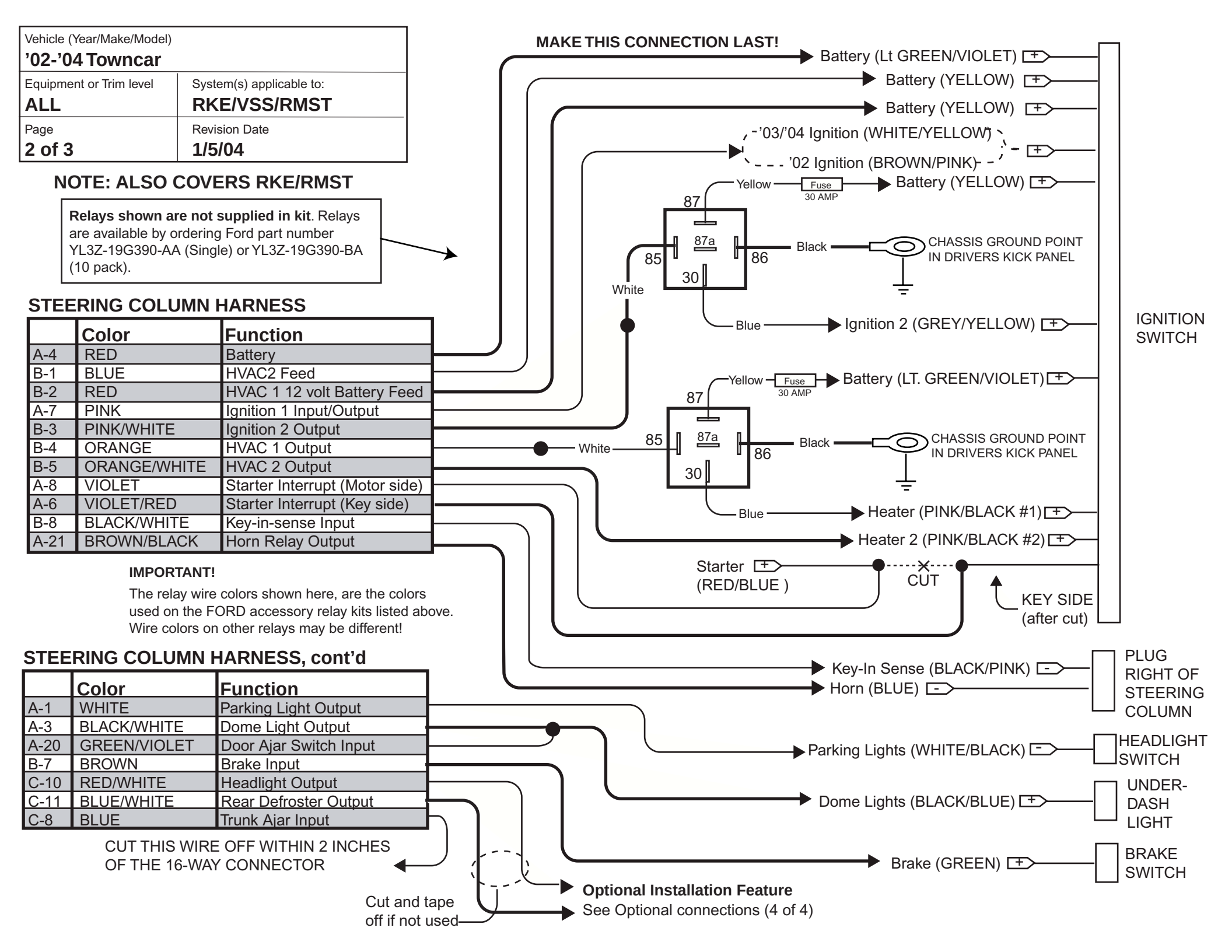
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

STEERING COLUMN HARNESS, cont'd

	Color	Function
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input

CUT THIS WIRE OFF WITHIN 2 INCHES OF THE 16-WAY CONNECTOR

Cut and tape off if not used



Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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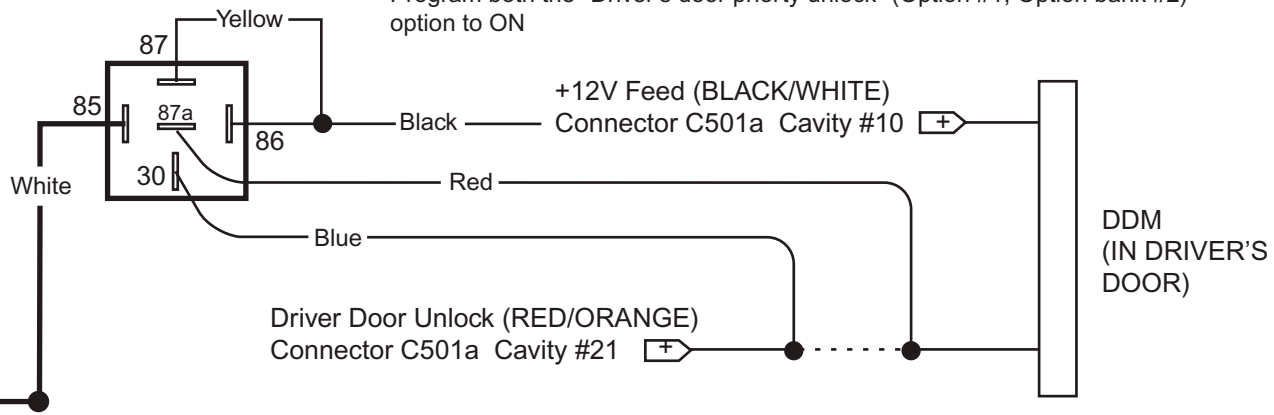
NOTE: ALSO COVERS RKE/RMST

NOTE:
Program both the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

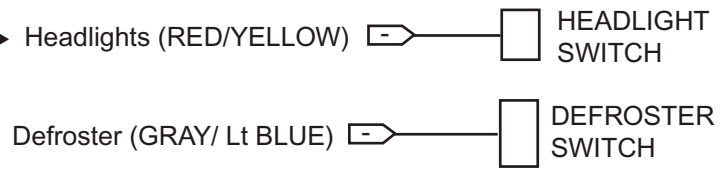
OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output



	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

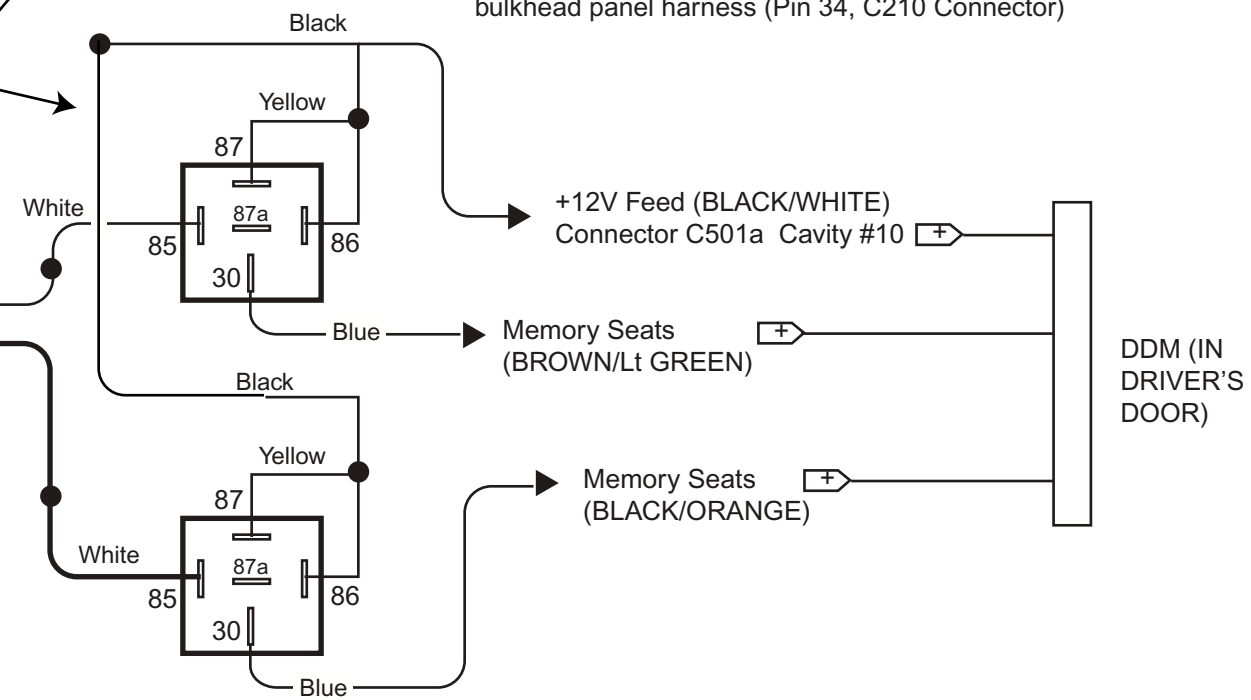


NOTE: Rear defroster connection can also be located at the bulkhead panel harness (Pin 34, C210 Connector)

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

POWER OPTIONS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-3	PINK/WHITE	Ignition 2 Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output

IMPORTANT!

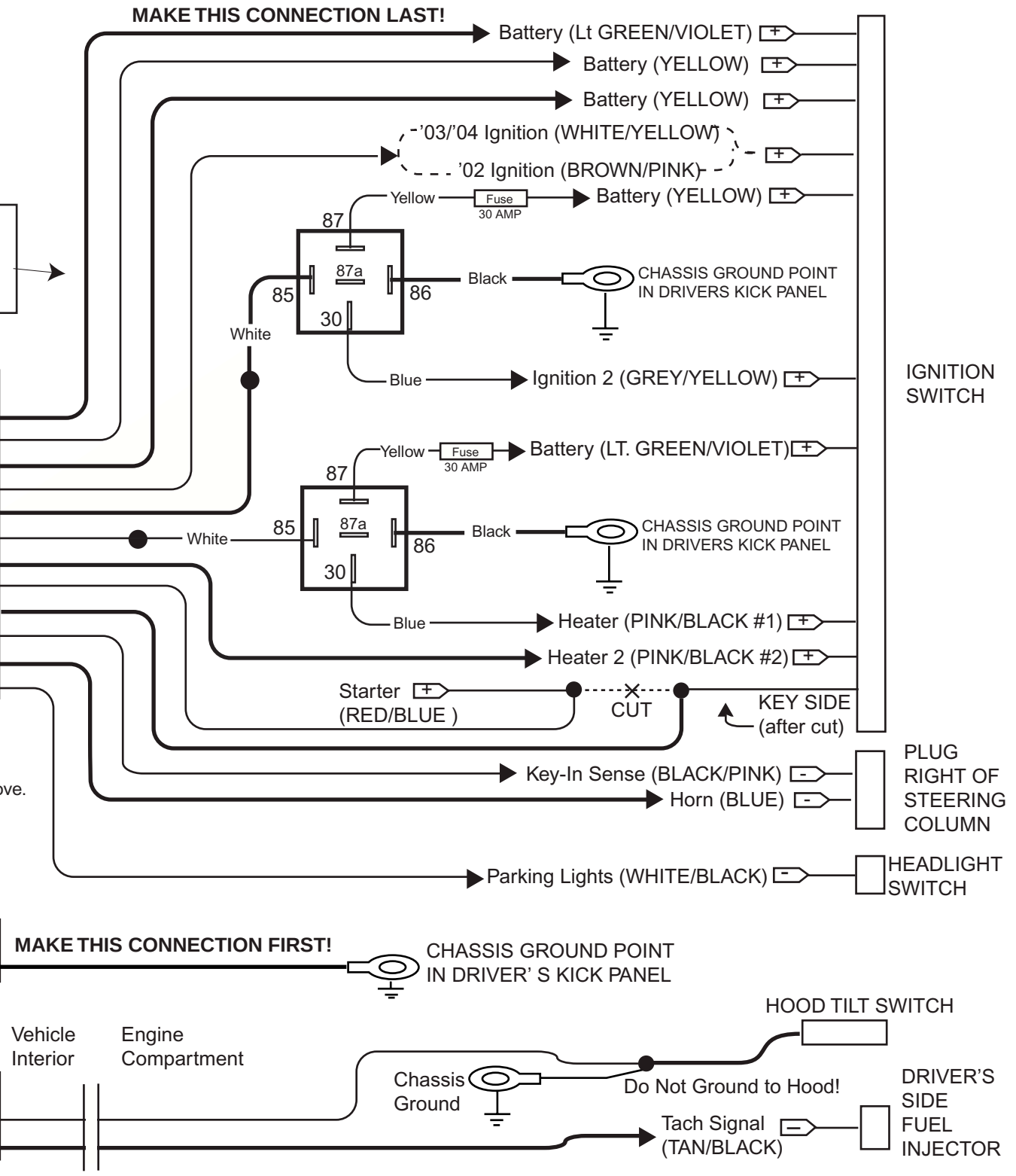
The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

CONNECTIONS UNDER HOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	**DELUXE RKE/VSS**
Page	Revision Date
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NOTE: ALSO COVERS RKE/RMST

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory 1 Output
C-13	YELLOW/GREEN	Memory 2 Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)
Connector C501a Cavity #21

Driver Door Lock Motor (PINK/BLACK) (+)
Connector C501a Cavity #22

Door Unlock (PINK/GREEN) (+)
Connector C501a Cavity #18

Door Lock (PINK/YELLOW) (+)
Connector C501a Cavity #6

Trunk Release (WHITE/VIOLET) (−)
Connector C501b Cavity #2

DDM
(IN DRIVER'S
DOOR)

CUT THIS WIRE OFF WITHIN 2 INCHES
OF THE 16-WAY CONNECTOR

Factory Alarm Disarm (LT. BLUE/BLACK) (−)

IN DRIVER'S
DOOR AT
KEY SWITCH

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

Optional Installation Feature
See POWER OPTIONS (3 of 3)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

HOOD TILT SWITCH

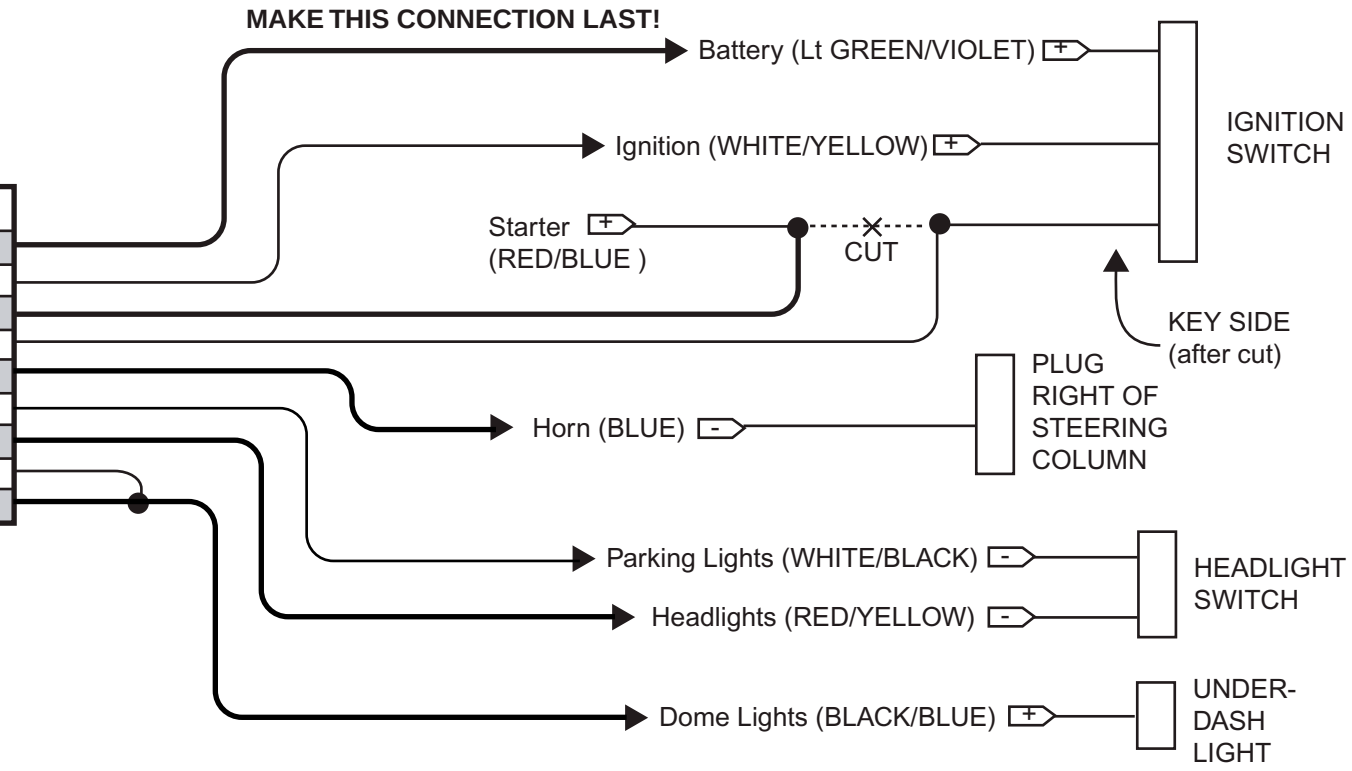
Chassis
Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **DELUXE RKE/VSS**
Page **2 of 3**	Revision Date **6/26/03**

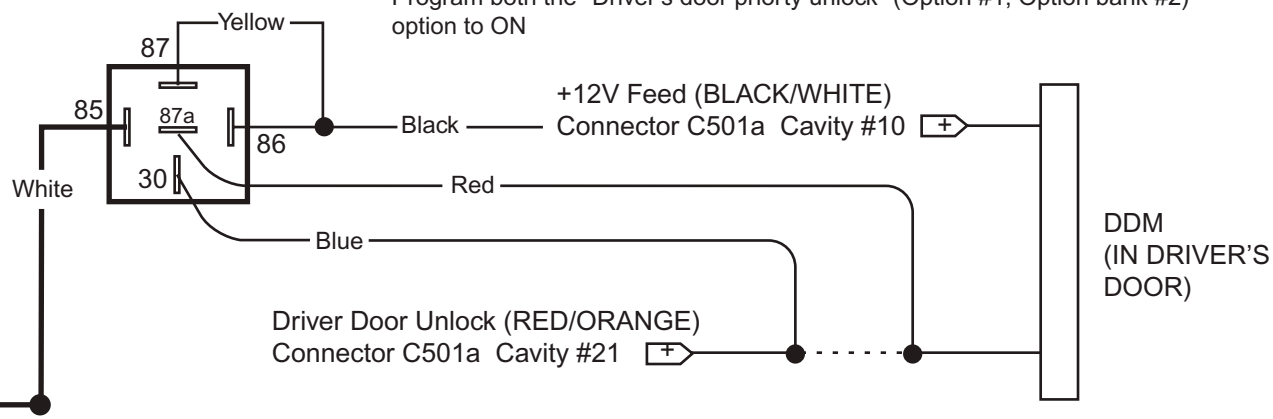
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input



Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **DELUXE RKE/VSS**
Page **3 of 3**	Revision Date **1/5/04**

NOTE:
Program both the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON

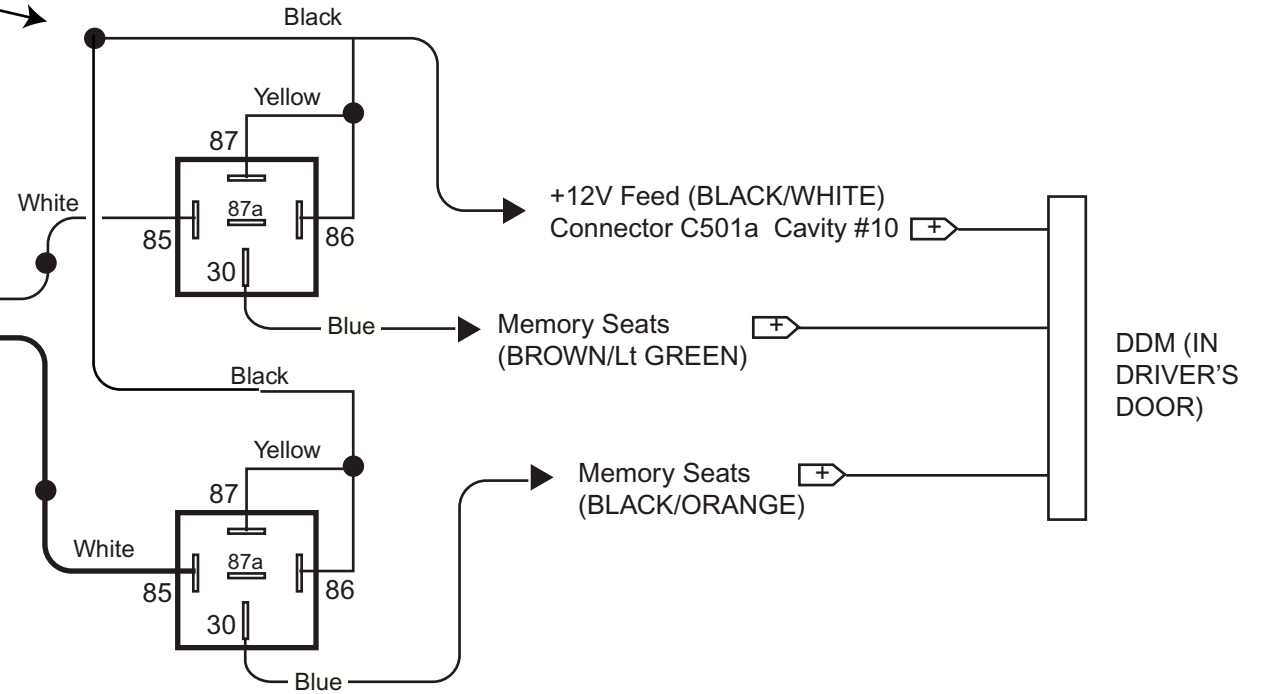


OPTIONAL CONNECTIONS

DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).



POWER OPTIONS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2

IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **VSS**
Page **1 of 1**	Revision Date **6/26/03**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (Lt GREEN/VIOLET) +

Ignition (WHITE/YELLOW) +

Starter (RED/BLUE) +

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) -

PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) -

HEADLIGHT SWITCH

Dome Lights (BLACK/BLUE) +

UNDER-DASH LIGHT

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) +
Connector C501a Cavity #21

Driver Door Lock Motor (PINK/BLACK) +
Connector C501a Cavity #22

Door Unlock (PINK/GREEN) +
Connector C501a Cavity #18

DDM (IN DRIVER'S DOOR)

OPTIONAL CONNECTIONS

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior | Engine Compartment

RED

BLACK

Siren

Optional parts - not included in kit

HOOD TILT SWITCH

Chassis Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'02-'04 Towncar	
Equipment or Trim level **ALL**	System(s) applicable to: **PRELOAD**
Page **1 of 1**	Revision Date **1/5/04**

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

MAKE THIS CONNECTION LAST!

Battery (Lt GREEN/VIOLET) (+)

Ignition (WHITE/YELLOW) (+)

Starter (+) (RED/BLUE)

CUT

IGNITION SWITCH

KEY SIDE (after cut)

Horn (BLUE) (-)

PLUG RIGHT OF STEERING COLUMN

Parking Lights (WHITE/BLACK) (-)

HEADLIGHT SWITCH

Dome Lights (BLACK/BLUE) (+)

UNDER-DASH LIGHT

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) (+)
Connector C501a Cavity #21

Driver Door Lock Motor (PINK/BLACK) (+)
Connector C501a Cavity #22

Door Unlock (PINK/GREEN) (+)
Connector C501a Cavity #18

Door Lock (PINK/YELLOW) (+)
Connector C501a Cavity #6

DDM (IN DRIVER'S DOOR)

	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output

Factory Alarm Disarm (LT BLUE/BLACK) (-)

IN DRIVER'S DOOR AT KEY SWITCH

***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security.**
Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	**System(s) applicable to:**
ALL	**ALL**
Page	**Revision Date**
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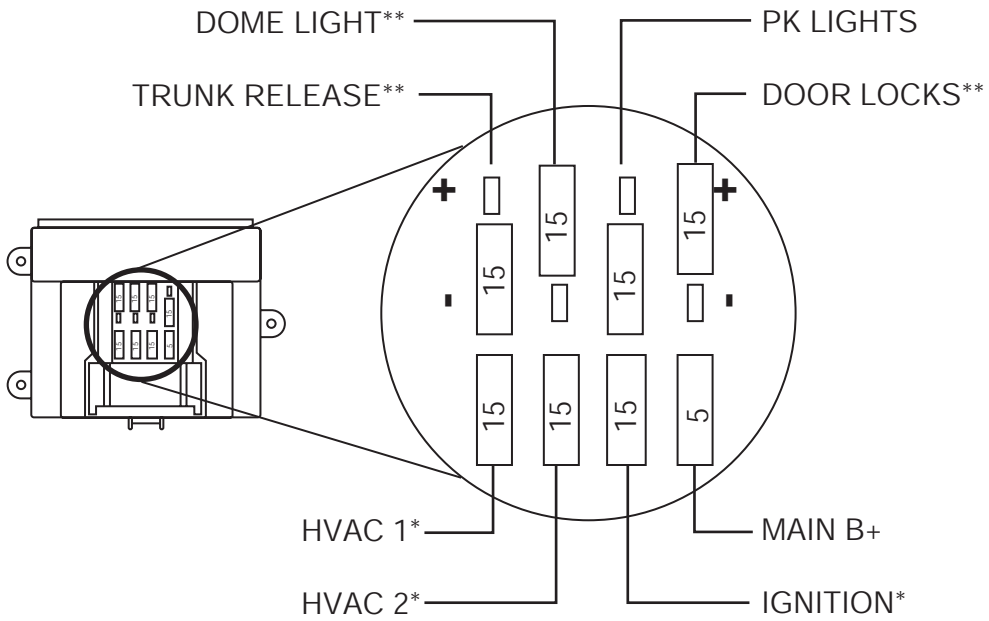
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)
** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2005: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

2 - MEMORY SEATS (OPTIONAL)
1 - DRIVER DOOR UNLOCK (OPTIONAL)

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Positive (Default setting)
Unlock switch sense polarity	Positive (Default setting)
Key in Sense polarity	Positive
Rear Defroster time	10 minutes

MODULE MOUNTING LOCATION:

Left side of driver's under dash

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level ALL	System(s) applicable to: RKE/VSS/RMST
Page 1 of 3	Revision Date 6/9/04

NOTE: ALSO COVERS RKE/RMST

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory 1 Output
C-13	YELLOW/GREEN	Memory 2 Output
C-8	BLUE	Trunk Ajar Input

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

Driver Door Unlock Motor (RED/ORANGE) +

Driver Door Lock Motor (PINK/BLACK) +

Door Unlock (PINK/GREEN) +

Door Lock (PINK/YELLOW) +

Trunk Release (WHITE/VIOLET) −

DDM
(IN DRIVER'S
DOOR)

CUT THIS WIRE OFF WITHIN 2 INCHES
OF THE 16-WAY CONNECTOR

Factory Alarm Disarm (LT. BLUE/BLACK) −

IN DRIVER'S
DOOR AT
KEY SWITCH

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

Optional Installation Feature
See DRIVER'S DOOR UNLOCK (3 of 3)

Optional Installation Feature
See POWER OPTIONS (3 of 3)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

HOOD TILT SWITCH

Chassis
Ground

Do Not Ground to Hood!

Tach Signal
(LT GREEN/ORANGE) −

DRIVER'S
SIDE
FUEL
INJECTOR

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	RKE/VSS/RMST
Page	Revision Date
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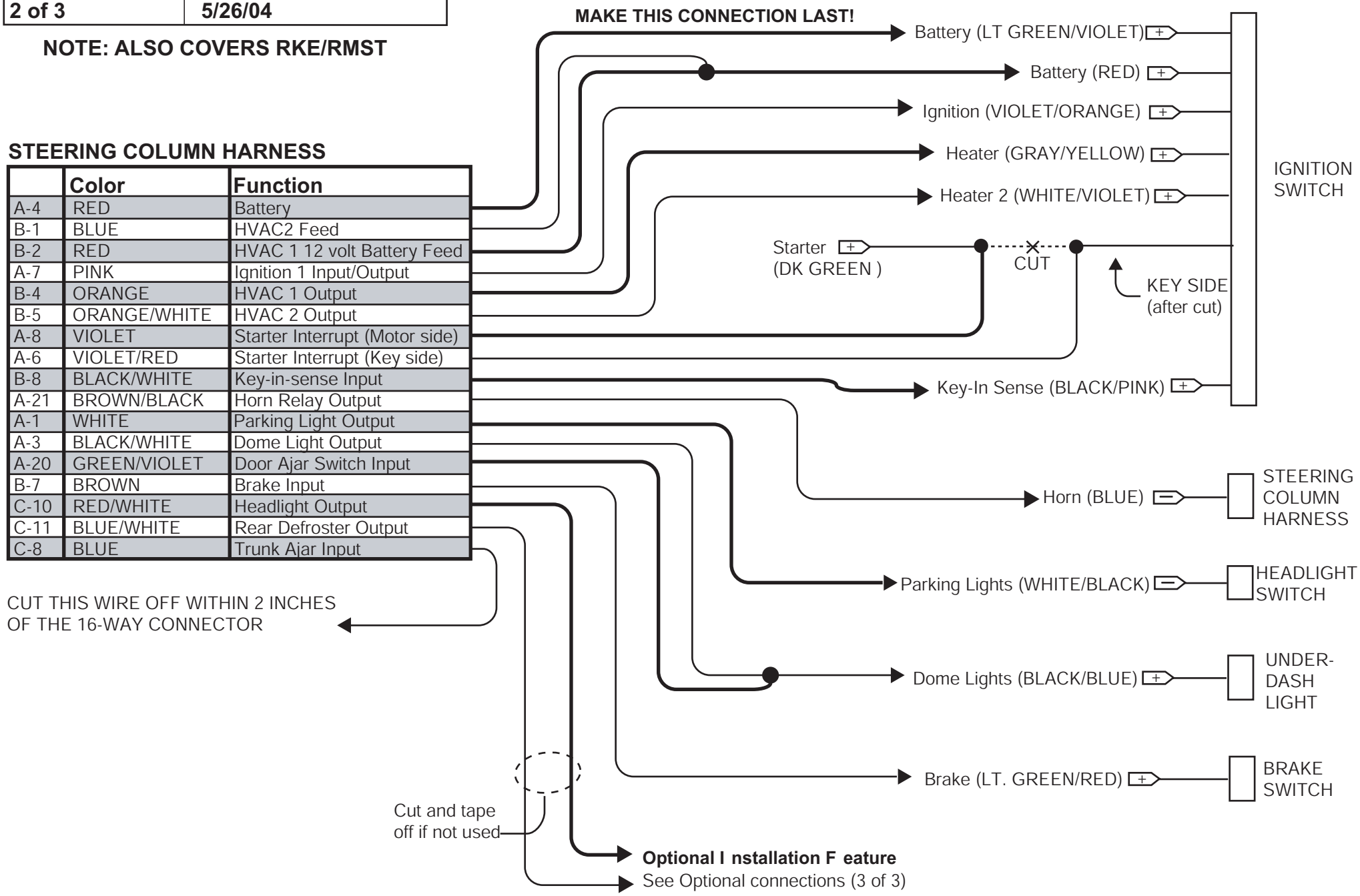
NOTE: ALSO COVERS RKE/RMST

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output
C-8	BLUE	Trunk Ajar Input



Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	**System(s) applicable to:**
ALL	**RKE/VSS/RMST**
Page	**Revision Date**
3 of 3	**5/26/04**

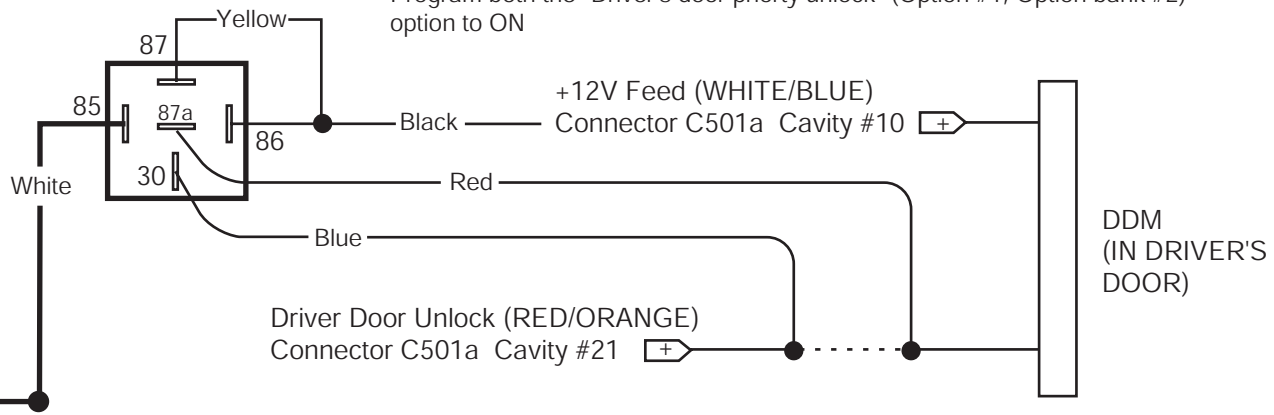
NOTE: ALSO COVERS RKE/RMST

OPTIONAL CONNECTIONS

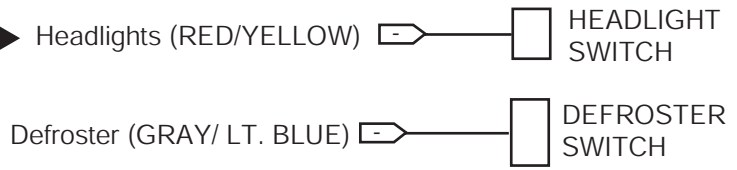
DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

NOTE:
Program both the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



	Color	Function
C-10	RED/WHITE	Headlight Output
C-11	BLUE/WHITE	Rear Defroster Output

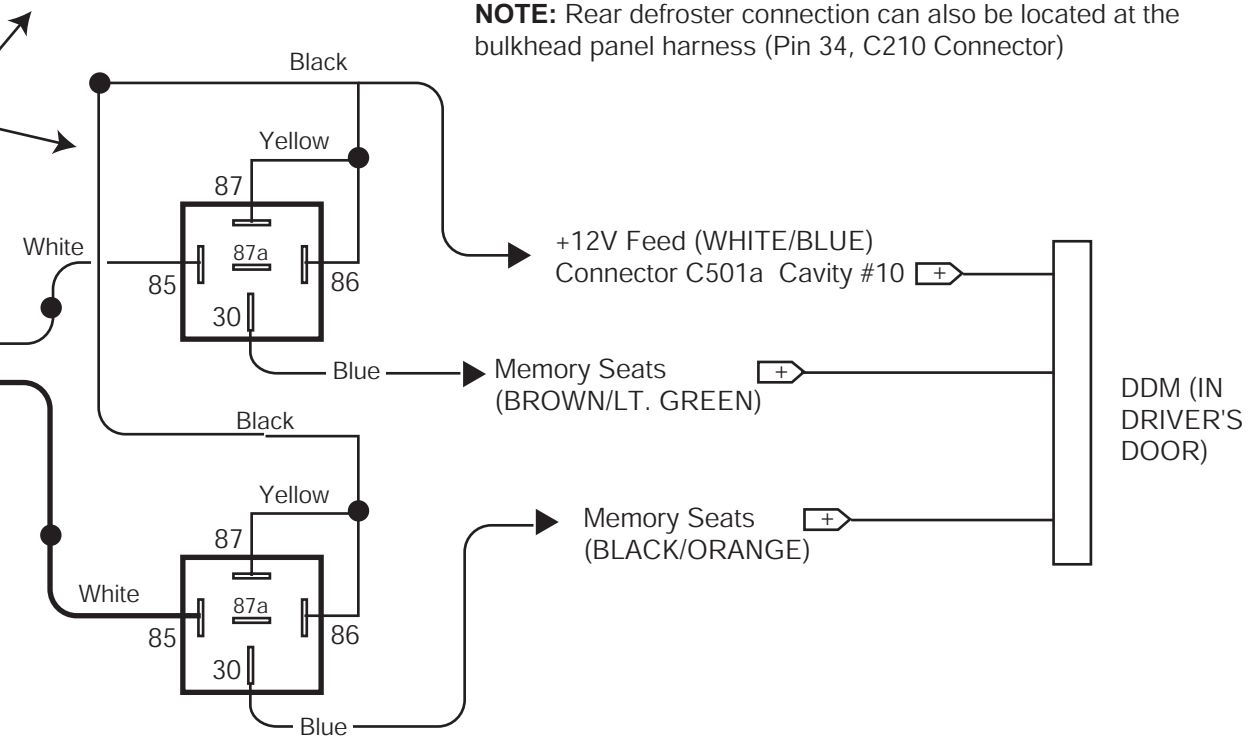


NOTE: Rear defroster connection can also be located at the bulkhead panel harness (Pin 34, C210 Connector)

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

POWER OPTIONS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	System(s) applicable to:
ALL	RMST
Page	Revision Date
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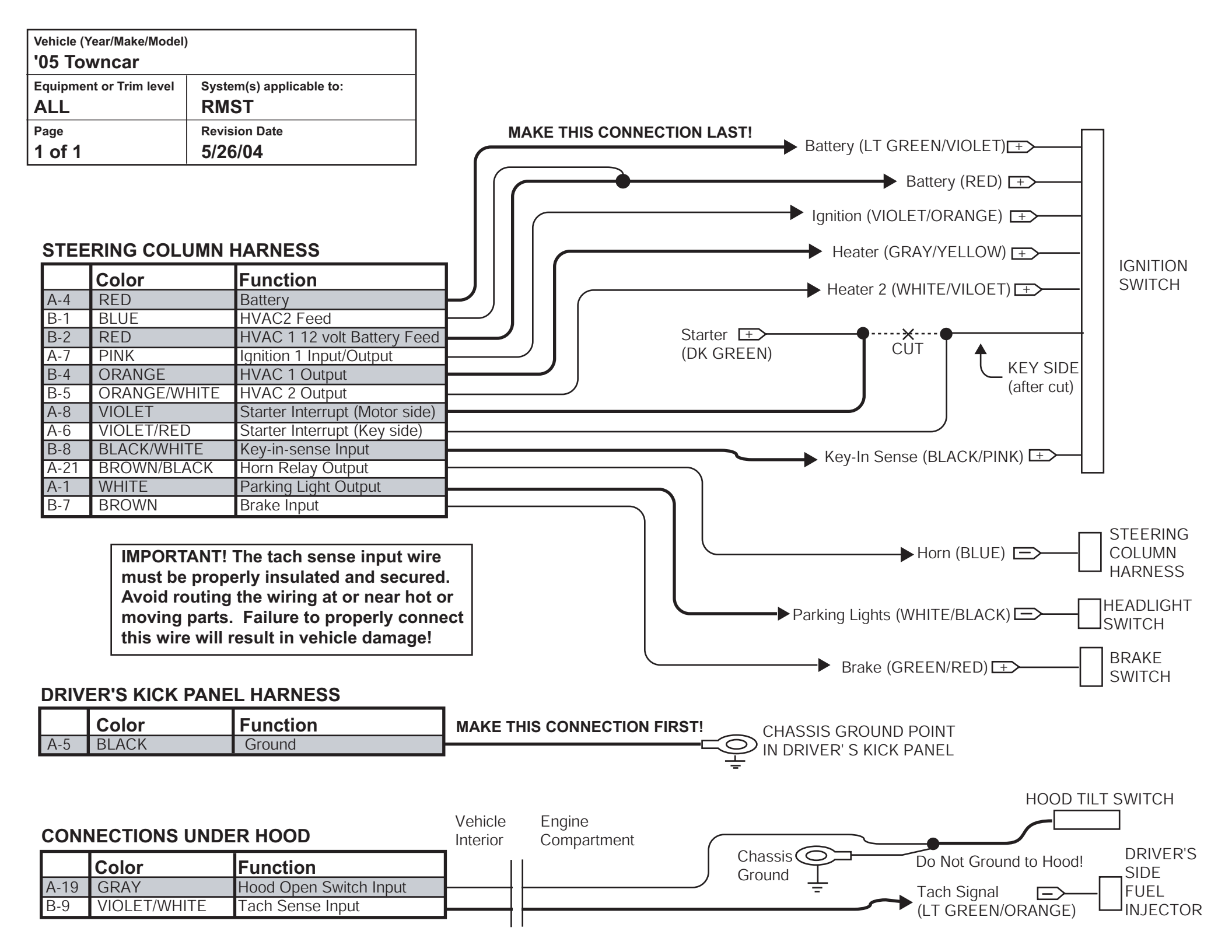

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC 1 12 volt Battery Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
B-7	BROWN	Brake Input

IMPORTANT! The tach sense input wire must be properly insulated and secured. Avoid routing the wiring at or near hot or moving parts. Failure to properly connect this wire will result in vehicle damage!

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground

CONNECTIONS UNDER HOOD

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	**System(s) applicable to:**
ALL	**DELUXE RKE/VSS**
Page	**Revision Date**
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MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT
IN DRIVER' S KICK PANEL

DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output
A-13	TAN	Trunk Release
C-4	LT GREEN/BLACK	Factory Alarm Disarm Output
A-24	BLUE/GREEN	Driver Door Unlock Output
C-12	GREEN/WHITE	Memory 1 Output
C-13	YELLOW/GREEN	Memory 2 Output
C-8	BLUE	Trunk Ajar Input

Driver Door Unlock Motor (RED/ORANGE) (+)
Connector C501a Cavity #21

Driver Door Lock Motor (PINK/BLACK) (+)
Connector C501a Cavity #22

Door Unlock (PINK/GREEN) (+)
Connector C501a Cavity #18

Door Lock (PINK/YELLOW) (+)
Connector C501a Cavity #6

Trunk Release (WHITE/VIOLET) (−)
Connector C501b Cavity #2

DDM
(IN DRIVER'S
DOOR)

CUT THIS WIRE OFF WITHIN 2 INCHES
OF THE 16-WAY CONNECTOR

Factory Alarm Disarm (LT. BLUE/BLACK) (−)

IN DRIVER'S
DOOR AT
KEY SWITCH

Optional Installation Feature
See OPTIONAL CONNECTIONS (3 of 3)

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle Interior | Engine Compartment

RED
BLACK

Siren

HOOD TILT SWITCH

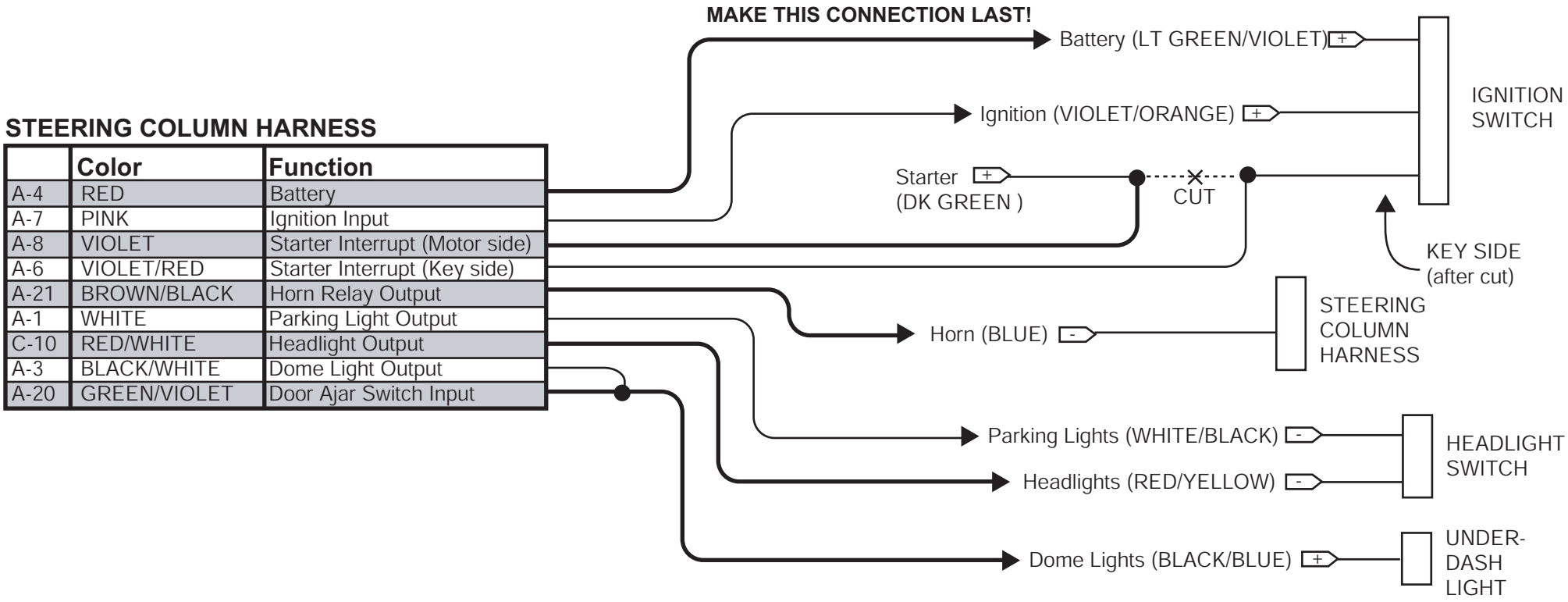
Chassis
Ground

Do Not Ground to Hood!

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level ALL	System(s) applicable to: DELUXE RKE/VSS
Page 2 of 3	Revision Date 5/26/04

STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
C-10	RED/WHITE	Headlight Output
A-3	BLACK/WHITE	Dome Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input



Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level	**System(s) applicable to:**
ALL	**DELUXE RKE/VSS**
Page	**Revision Date**
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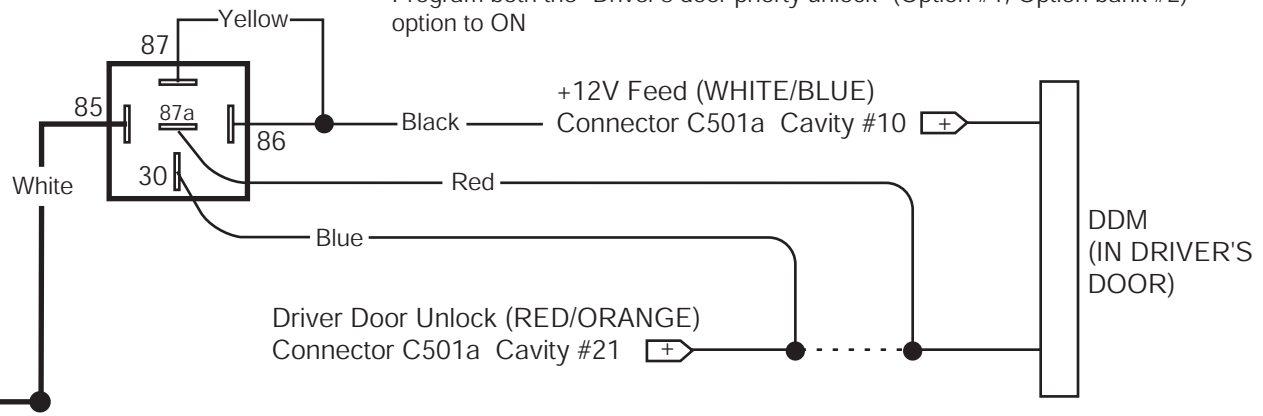
NOTE:
Program both the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON



OPTIONAL CONNECTIONS

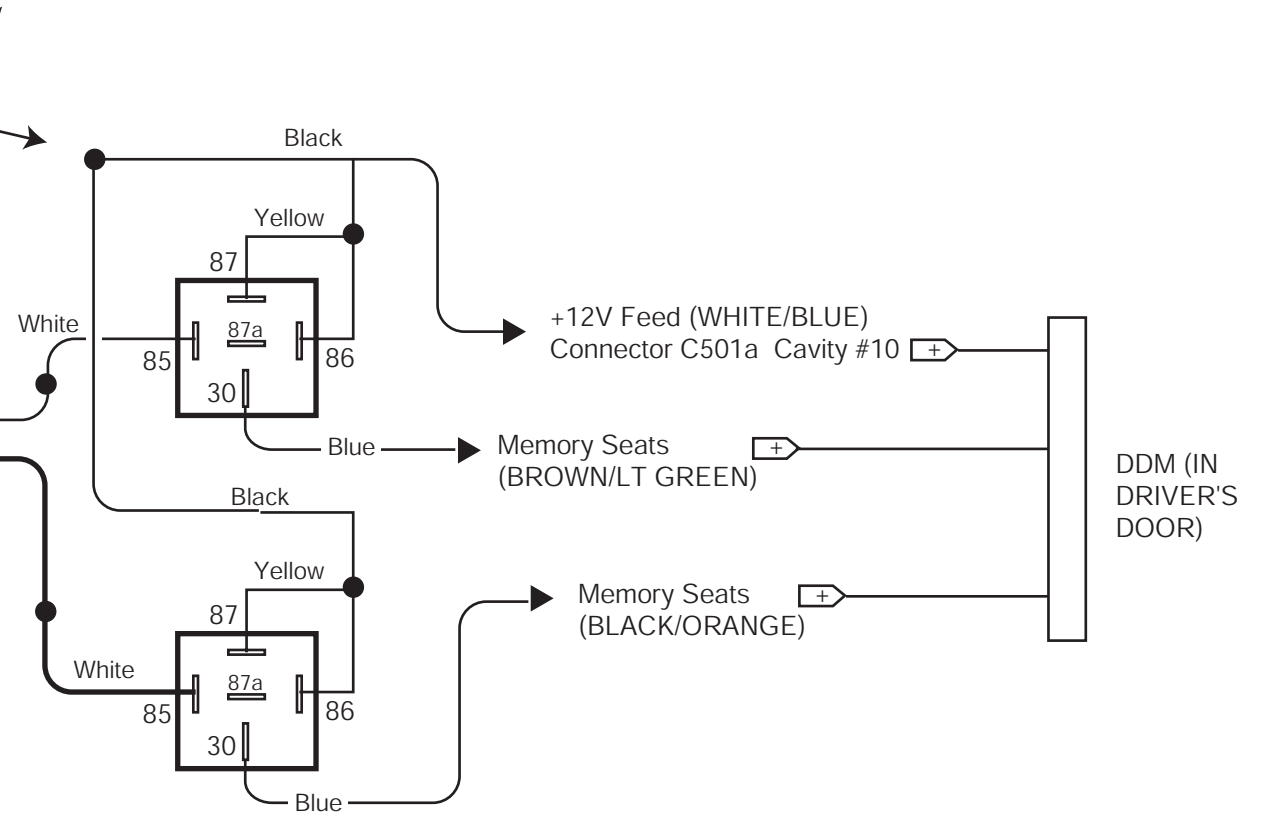
DRIVER'S DOOR UNLOCK

	Color	Function
A-24	BLUE/GREEN	Driver Door Unlock Output

Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

POWER OPTIONS

	Color	Function
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



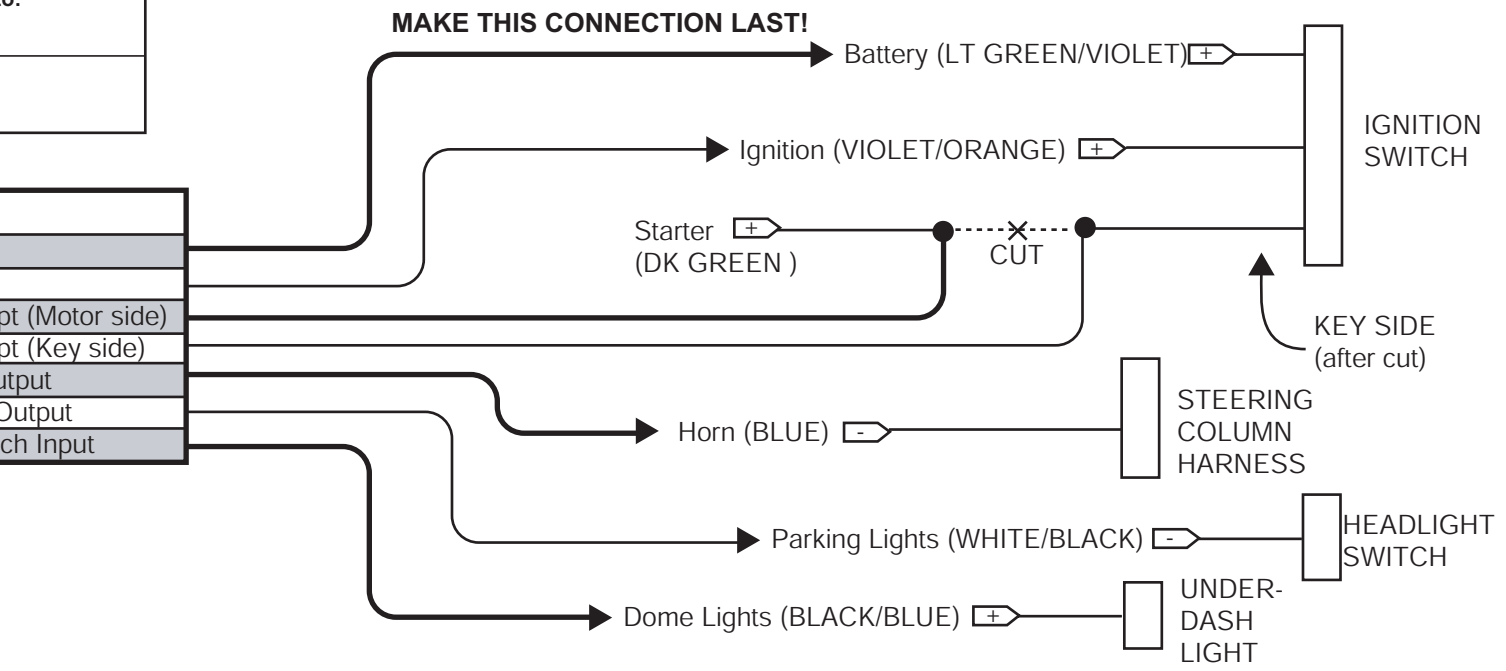
IMPORTANT!

The relay wire colors shown here, are the colors used on the FORD accessory relay kits listed above. Wire colors on other relays may be different!

Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level ALL	System(s) applicable to: VSS
Page 1 of 1	Revision Date 5/26/04

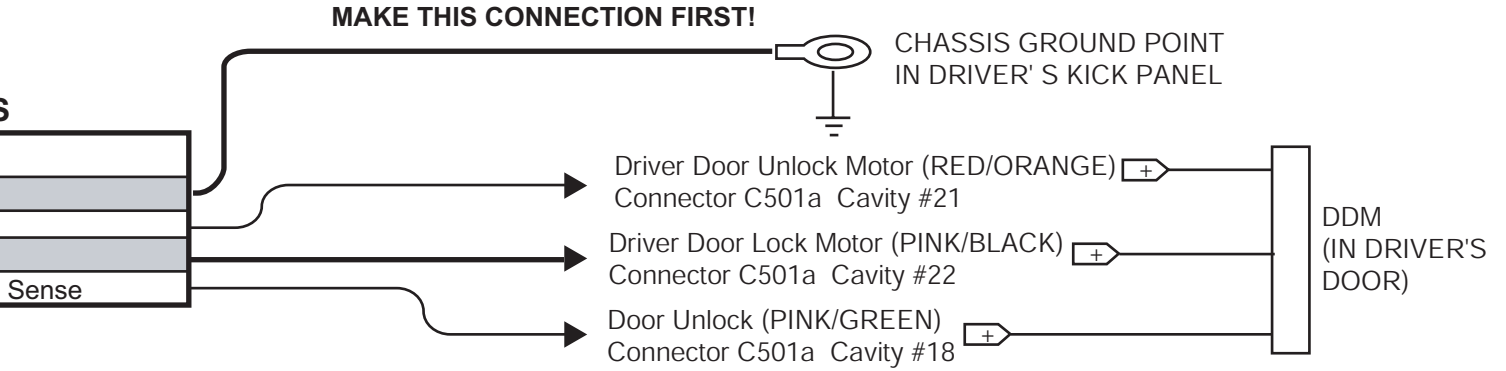
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input



DRIVER'S KICK PANEL HARNESS

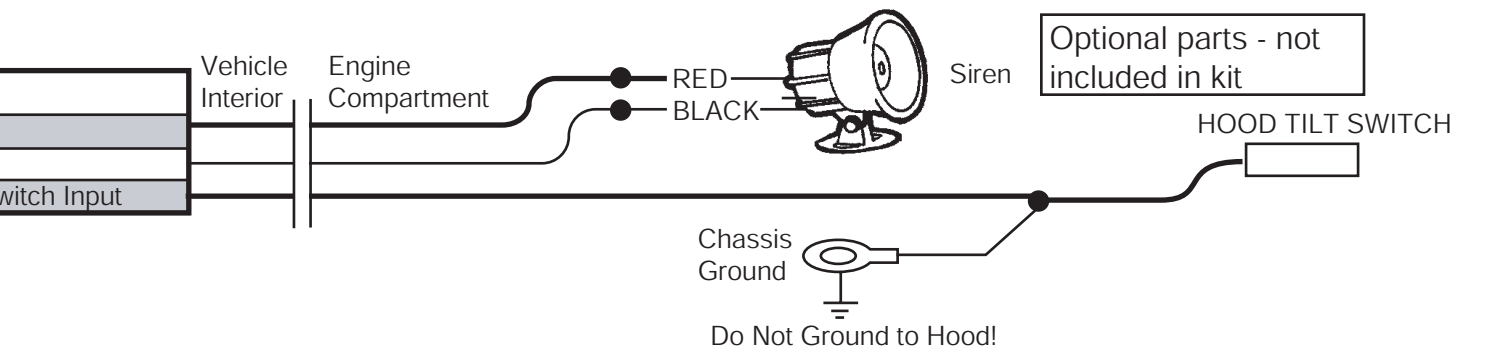
	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense



OPTIONAL CONNECTIONS

CONNECTIONS UNDER HOOD

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'05 Towncar	
Equipment or Trim level ALL	System(s) applicable to: PRELOAD
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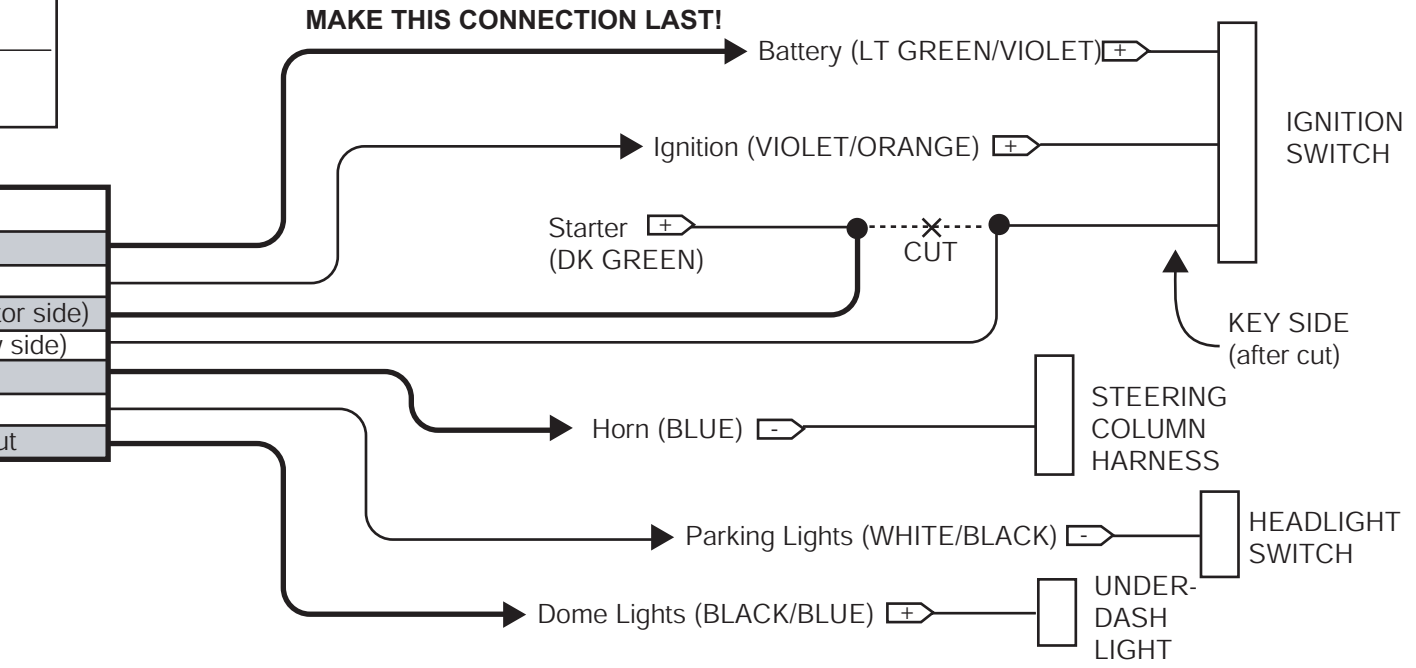
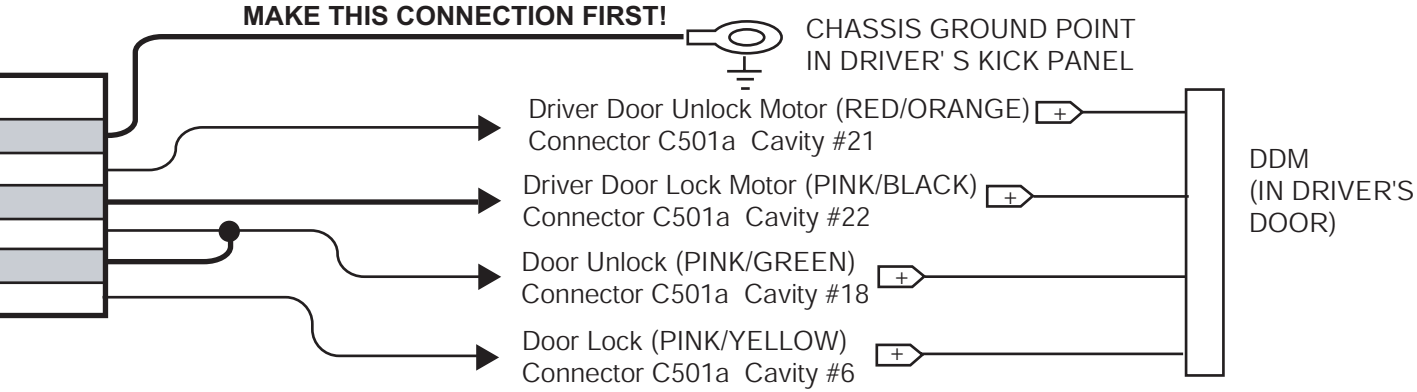
STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-21	BROWN/BLACK	Horn Relay Output
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input

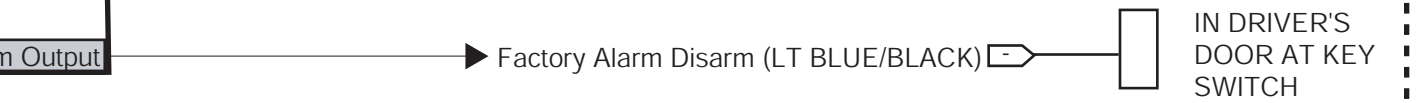


DRIVER'S KICK PANEL HARNESS

	Color	Function
A-5	BLACK	Ground
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Switch Sense
A-14	GREEN	Door Unlock Output
A-2	BLUE	Door Lock Output



	Color	Function
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output



***NOTE: This connection is only needed when using Lot Management remotes on vehicles with OEM security. Part number 2W7Z 19C757 BA (Extended Function Harness) must be ordered to access the Factory Disarm Output.**

Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level **ALL**	System(s) applicable to: **ALL**
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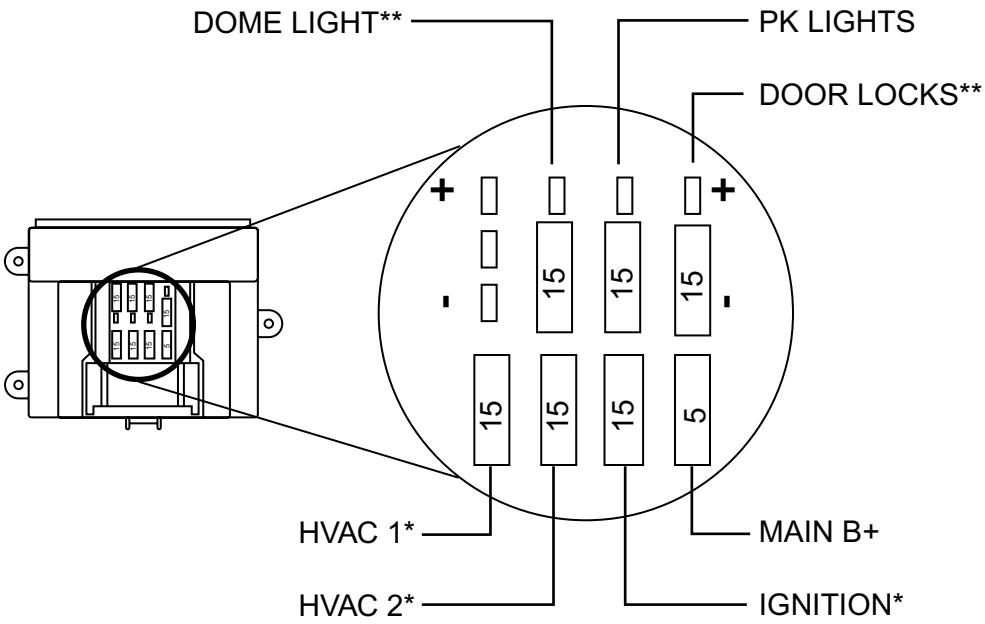
FUSE PLACEMENT CHART



*Only used on (PC-32) systems with Car Start (RMST)

** Not used on VSS system

SECURILOCK (PATS) INTERFACE APPLICATION CHART

(Required for systems with remote start)

2002: 1L2Z-19G365-AB

2003: 1L2Z-19G365-AB

RELAY REQUIREMENTS:

1 - DRIVER DOOR PRIORITY UNLOCK (OPTIONAL)

1 - PARKING LIGHT ACTIVATION

(Only required if vehicle is equipped with autolamps)

Relays are available by ordering Ford part number YL3Z-19G390-AA(single) or YL3Z-19G390-BA (10 pack).

Note: Headlight Illumination option is not available on Windstar.

VEHICLE SPECIFIC PROGRAMMING:

Door trigger polarity	Negative (Default setting)
Unlock sensitivity polarity	Positive (Default setting)
Key in Sense polarity	Negative (Default setting)

MODULE MOUNTING LOCATION:

Driver's side kick panel, below headlight switch and behind knee blocker panel

Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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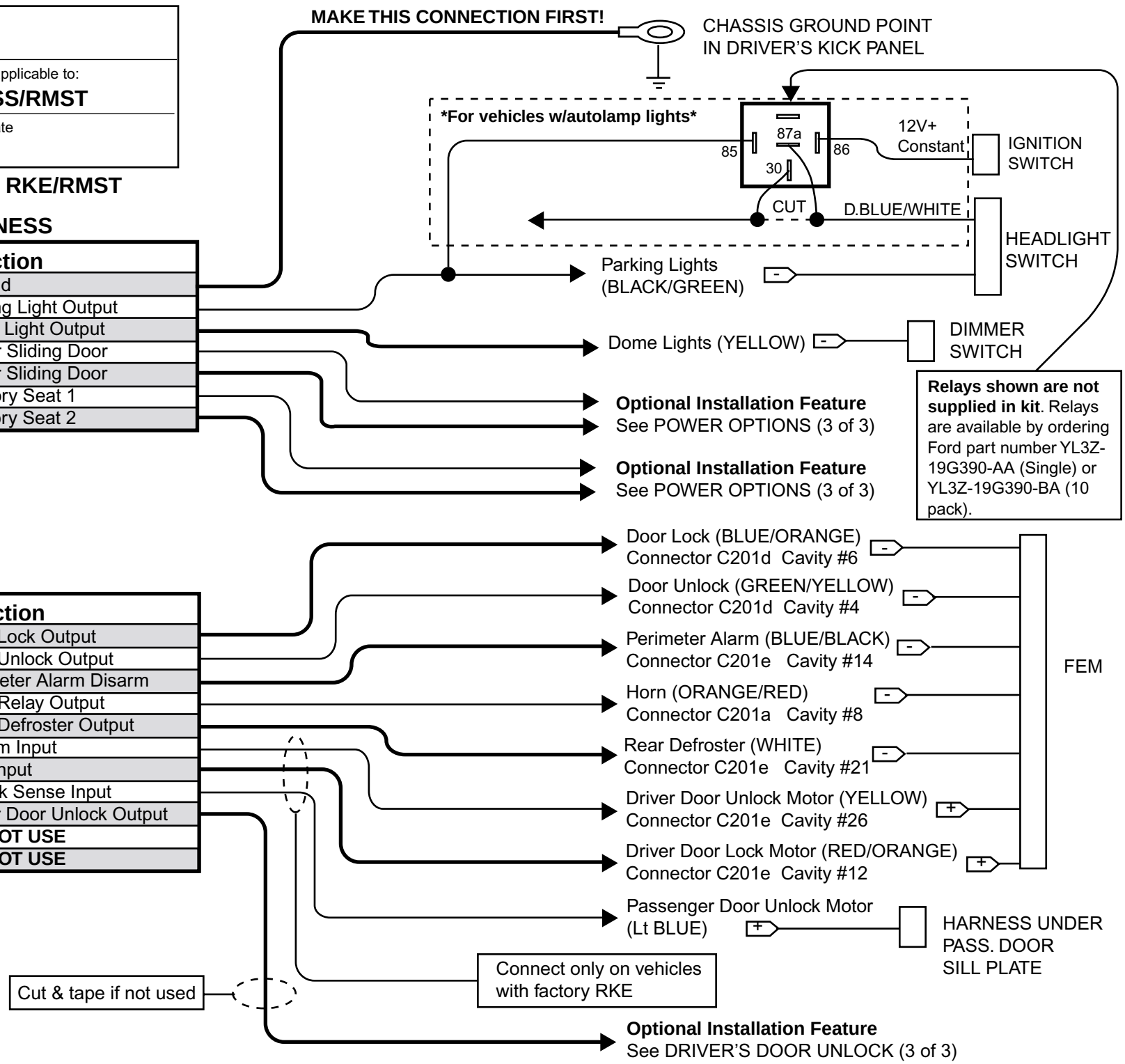
NOTE: ALSO INCLUDES RKE/RMST

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2

FEM HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	Lt GREEN/BLACK	Perimeter Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
C-11	BLUE/WHITE	Rear Defroster Output
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMTST**
Page	Revision Date
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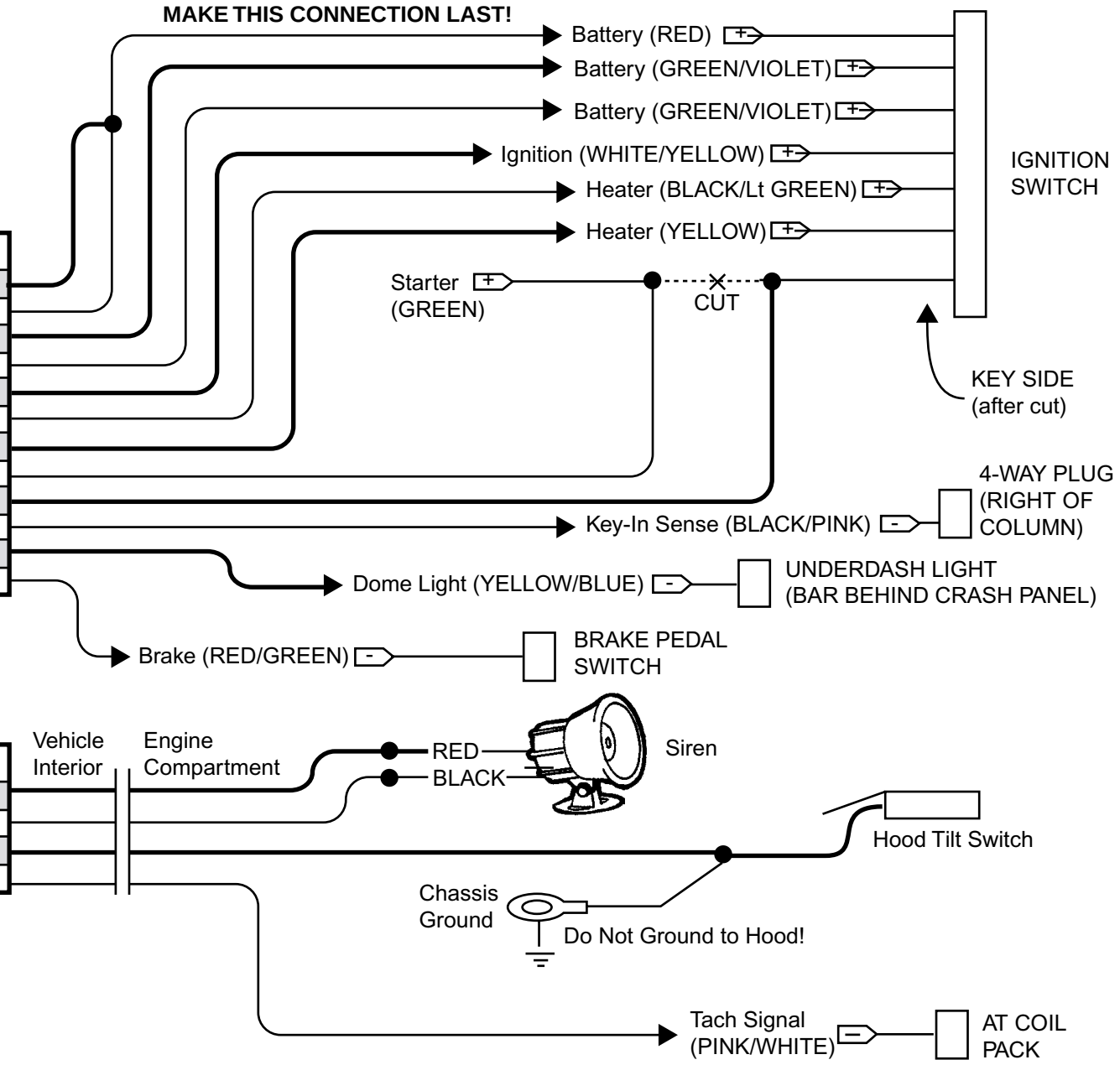
NOTE: ALSO INCLUDES RKE/RMST

STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-8	BLACK/WHITE	Key-in-sense Input
A-20	GREEN/VIOLET	Door Ajar Switch Input
B-7	BROWN	Brake Input

UNDER HOOD HARNESS

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**RKE/VSS/RMST**
Page	Revision Date
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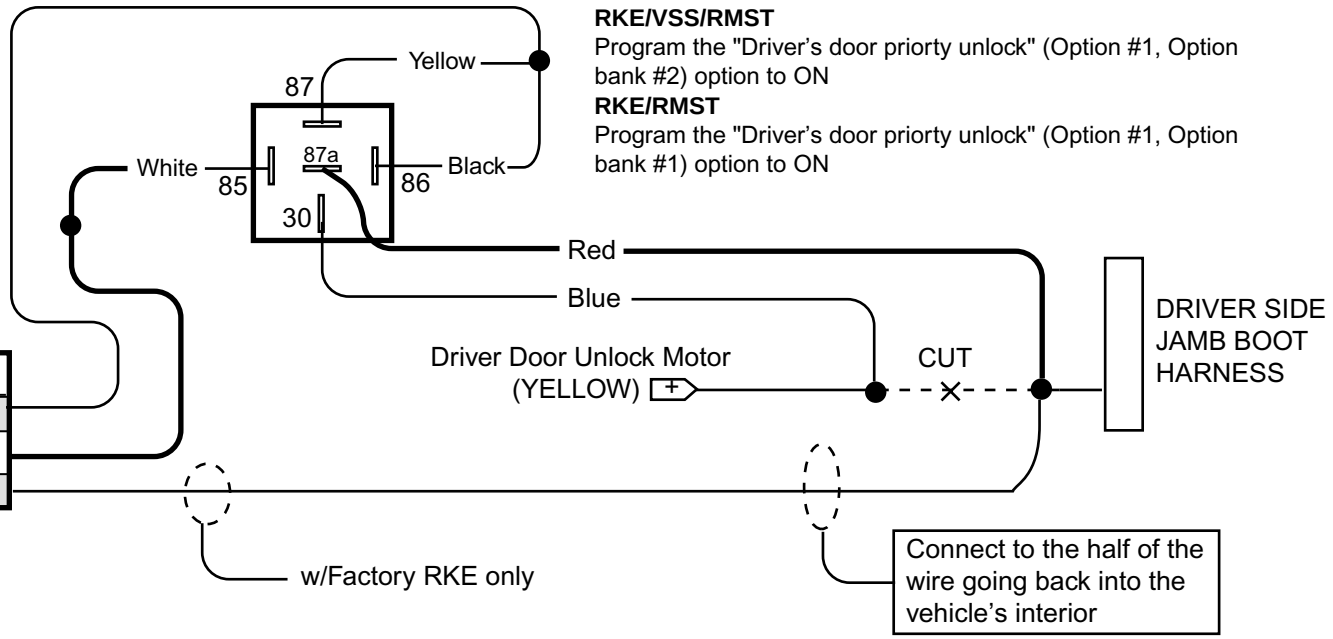
NOTE: ALSO INCLUDES RKE/RMST

OPTIONAL CONNECTIONS

NOTE:
RKE/VSS/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #2) option to ON
RKE/RMST
Program the "Driver's door priorty unlock" (Option #1, Option bank #1) option to ON

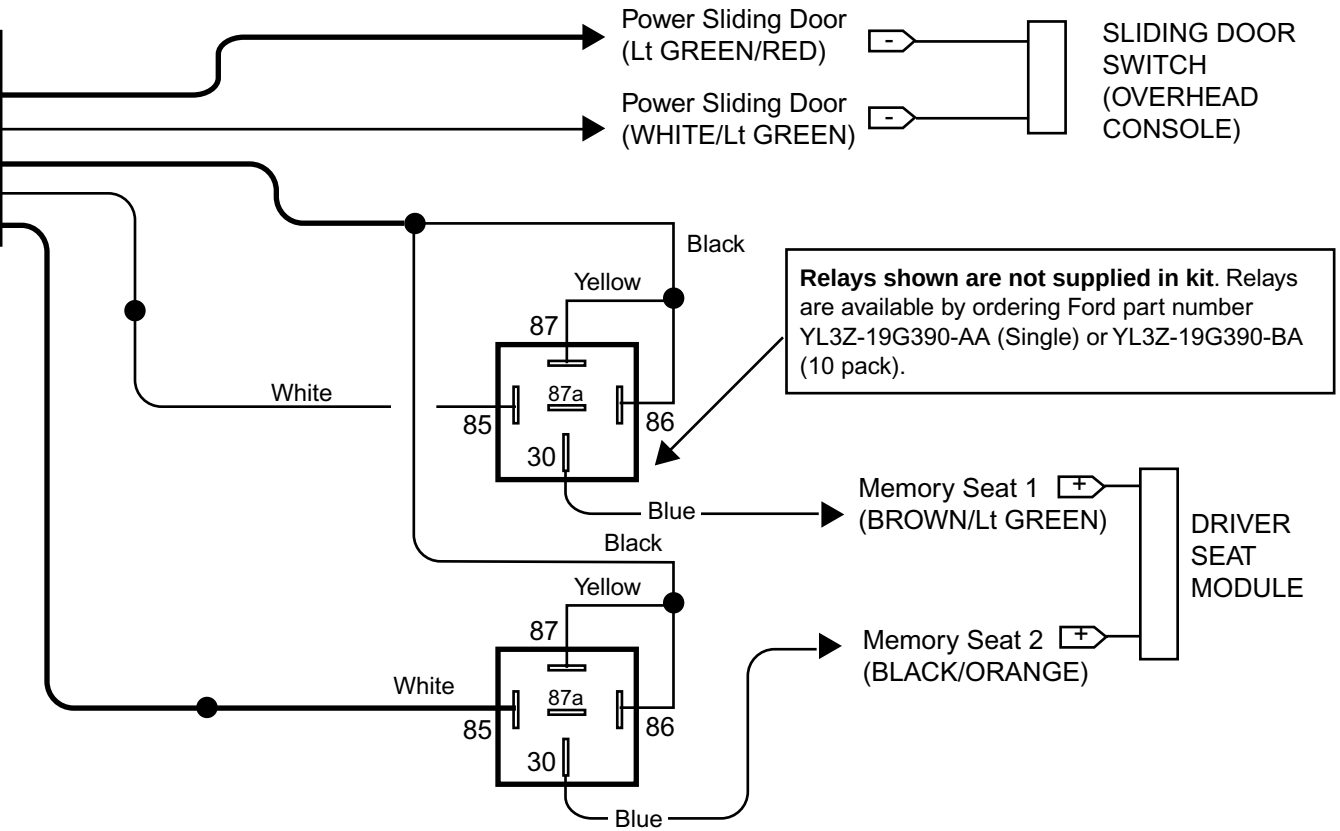
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



POWER OPTIONS

	Color	Function
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
A-15	RED	Power Feed
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



Relays shown are not supplied in kit. Relays are available by ordering Ford part number YL3Z-19G390-AA (Single) or YL3Z-19G390-BA (10 pack).

Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**RMST**
Page	Revision Date
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STEERING COLUMN HARNESS

	Color	Function
A-4	RED	Battery
B-1	BLUE	HVAC2 Feed
B-2	RED	HVAC1 Feed
A-7	PINK	Ignition 1 Input/Output
B-4	ORANGE	HVAC 1 Output
B-5	ORANGE/WHITE	HVAC 2 Output
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
B-7	BROWN	Brake Input
B-8	BLACK/WHITE	Key-in-sense Input

FEM HARNESS

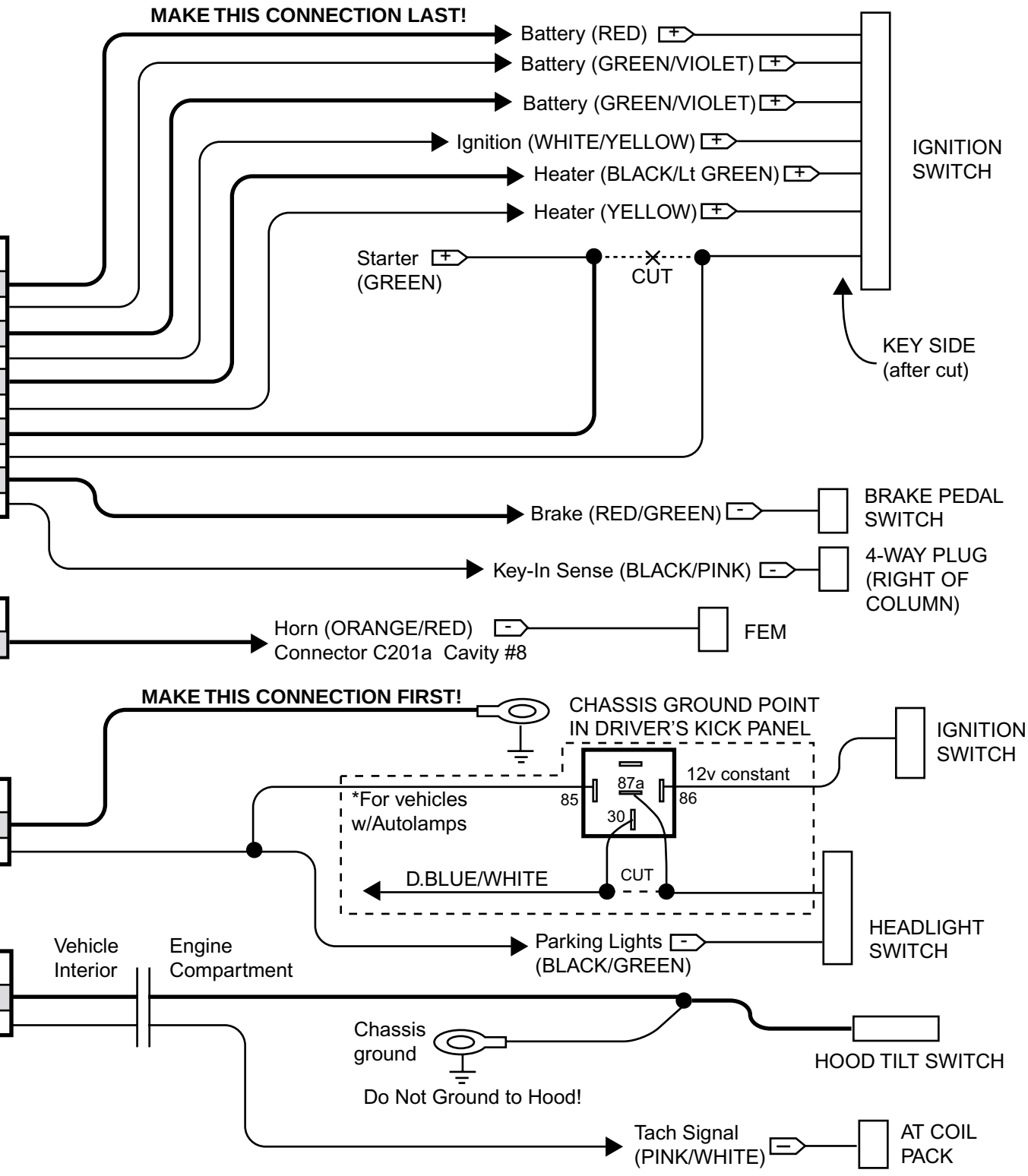
	Color	Function
A-21	BROWN/BLACK	Horn Relay Output

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output

UNDER HOOD HARNESS

	Color	Function
A-19	GRAY	Hood Open Switch Input
B-9	VIOLET/WHITE	Tach Sense Input



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	system(s) applicable to:
ALL	**DELUXE RKE/VSS**
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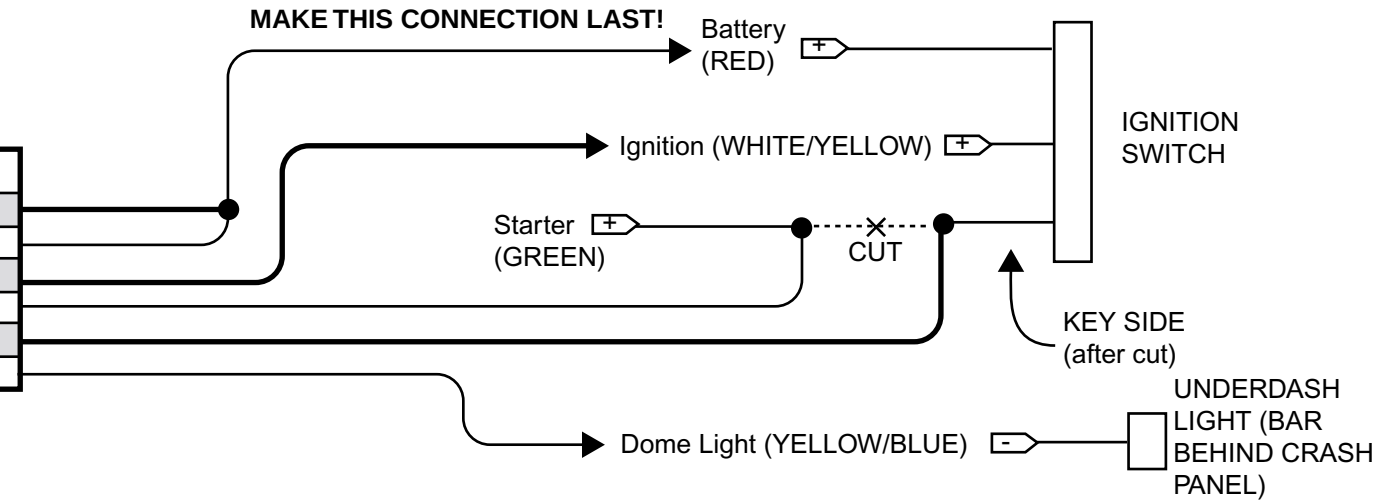
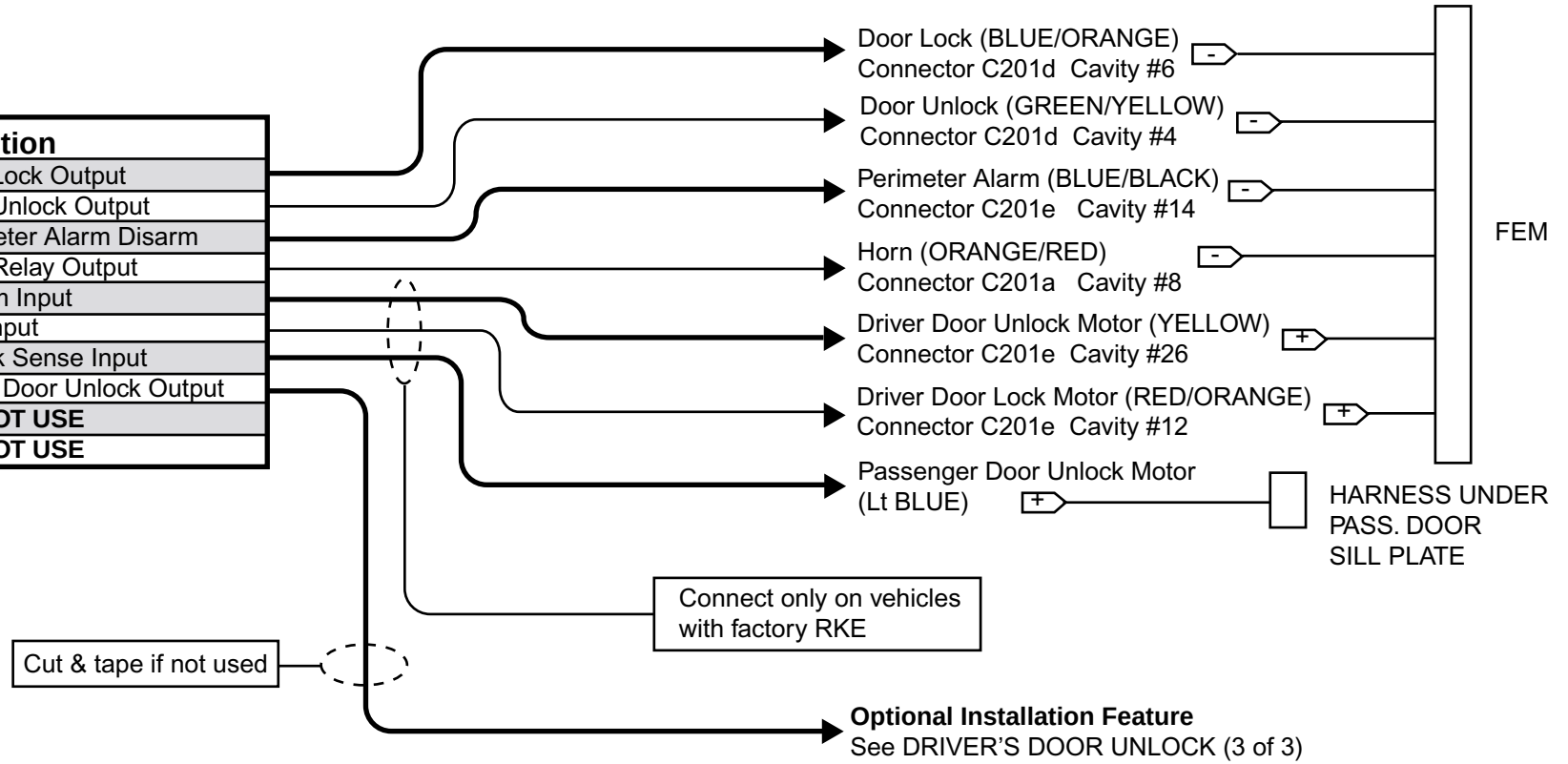
STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-20	GREEN/VIOLET	Door Ajar Switch Input

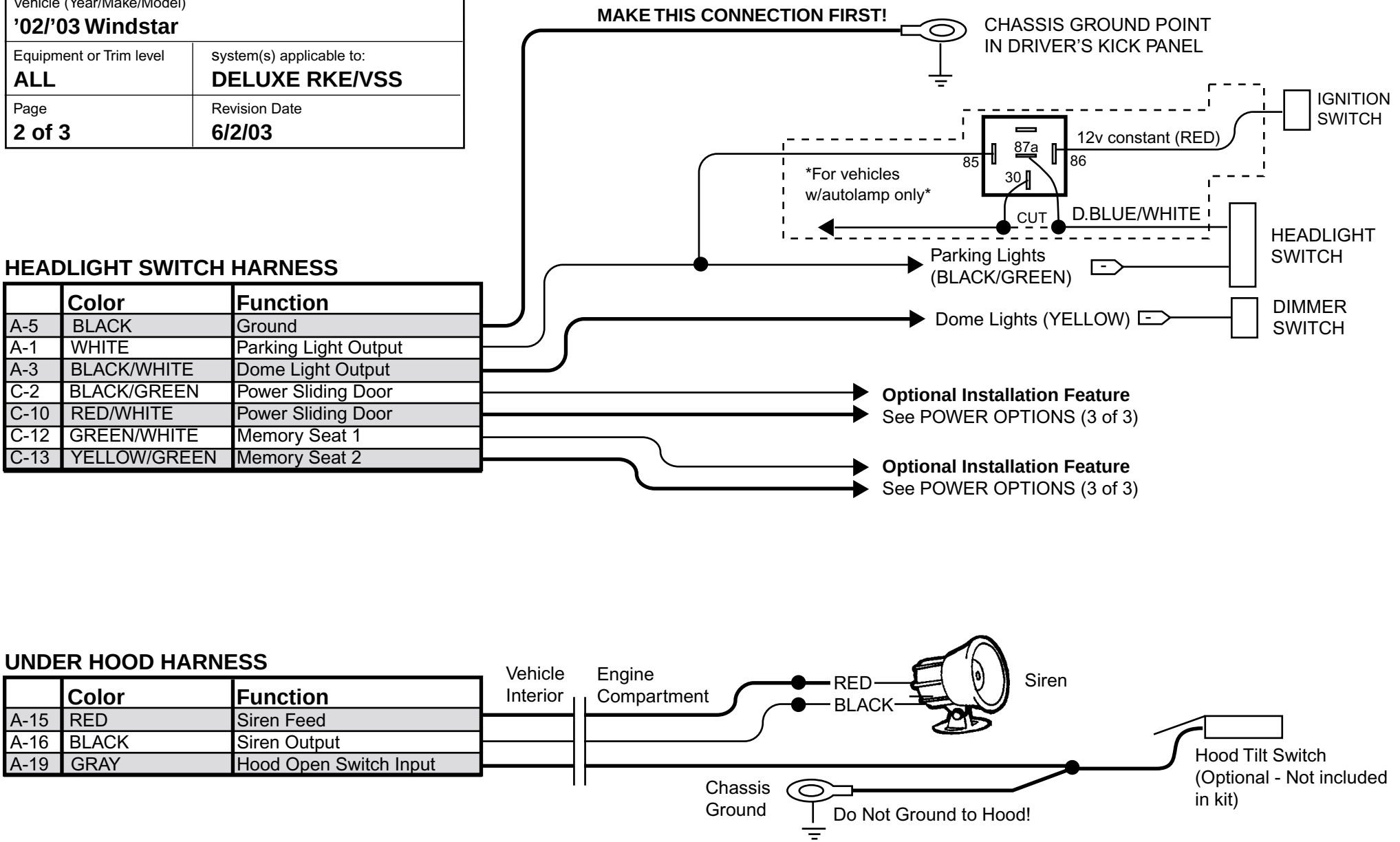


FEM HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
C-4	Lt GREEN/BLACK	Perimeter Alarm Disarm
A-21	BROWN/BLACK	Horn Relay Output
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Sense Input
A-24	BLUE/GREEN	Driver Door Unlock Output
A-13	TAN	**DO NOT USE**
C-9	TAN/RED	**DO NOT USE**



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level **ALL**	system(s) applicable to: **DELUXE RKE/VSS**
Page **2 of 3**	Revision Date **6/2/03**



HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2

UNDER HOOD HARNESS

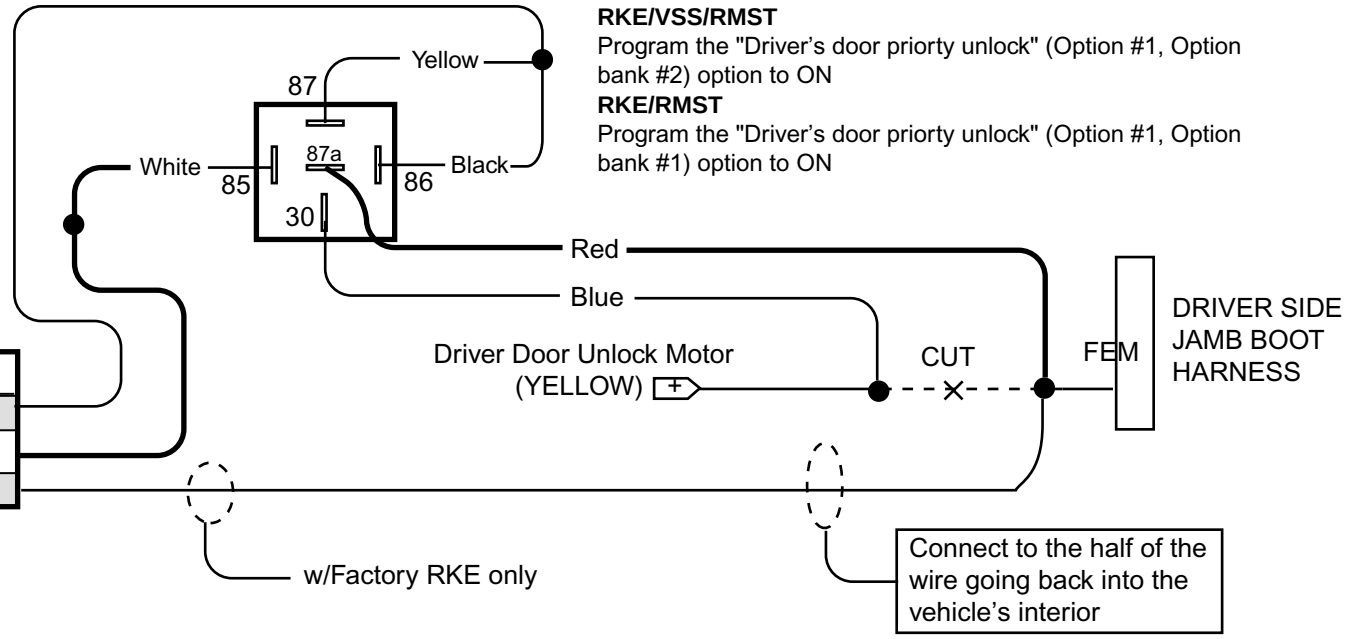
	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input

Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**Deluxe RKE/VSS**
Page	Revision Date
3 of 3	**6/2/03**

NOTE: ALSO INCLUDES RKE/RMST OPTIONAL CONNECTIONS

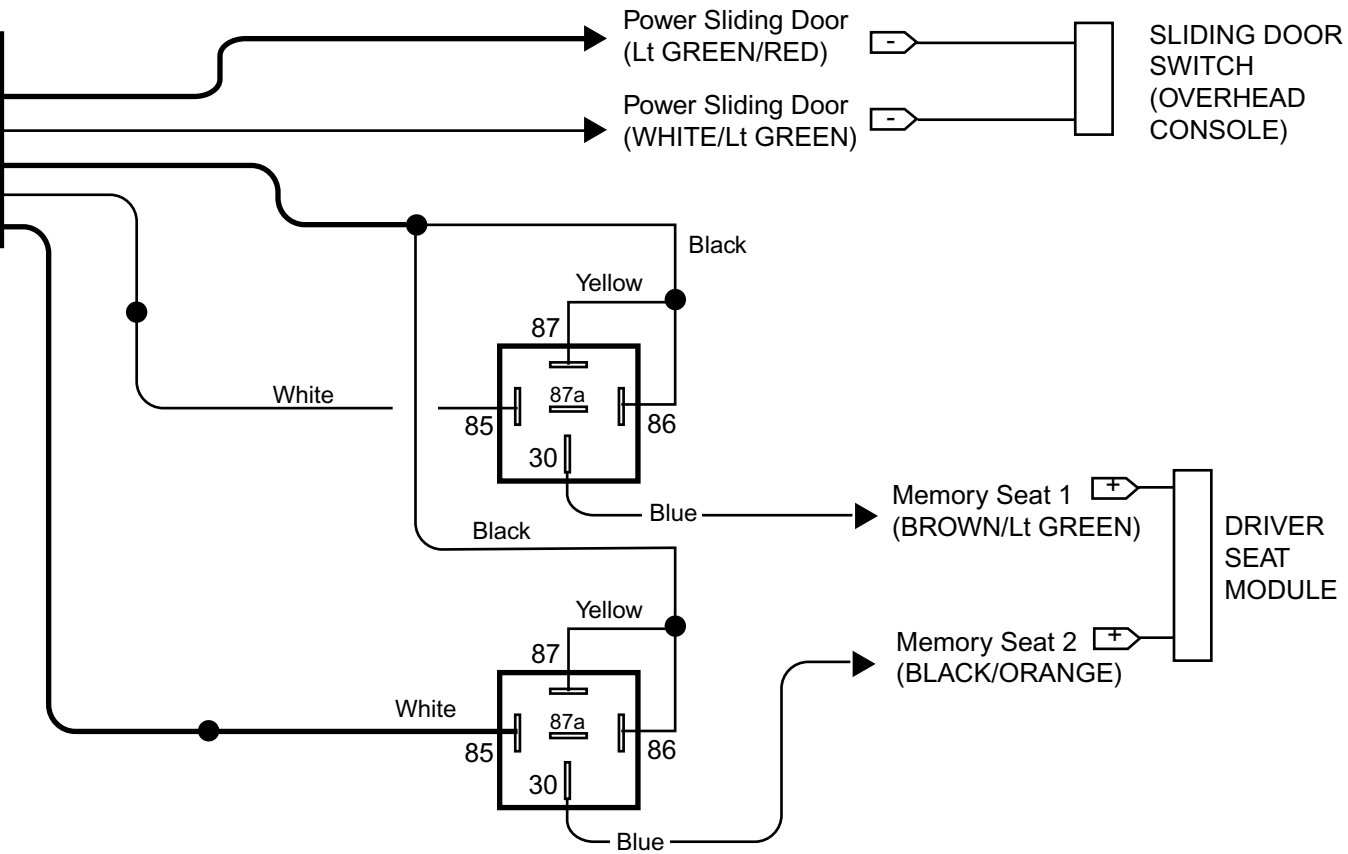
DRIVER'S DOOR PRIORITY UNLOCK

	Color	Function
A-15	RED	Siren Feed
A-24	BLUE/GREEN	Driver Door Unlock Output
A-9	BROWN	Disarm Input



POWER OPTIONS

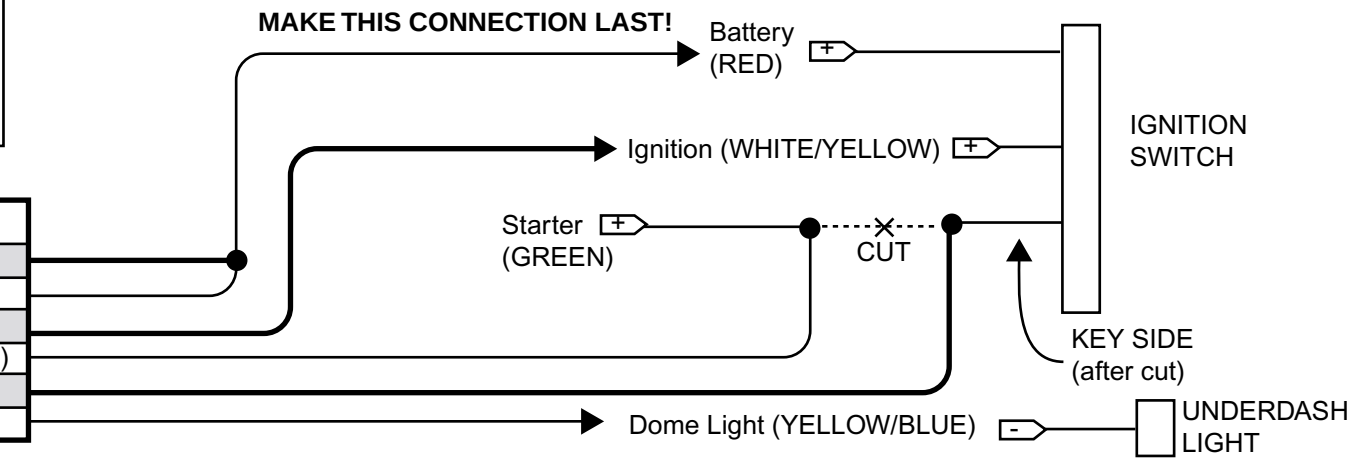
	Color	Function
C-2	BLACK/GREEN	Power Sliding Door
C-10	RED/WHITE	Power Sliding Door
A-15	RED	Power Feed
C-12	GREEN/WHITE	Memory Seat 1
C-13	YELLOW/GREEN	Memory Seat 2



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
w/o Factory RKE	**RKE & RKE/VSS**
Page	Revision Date
1 of 1	**6/2/03**

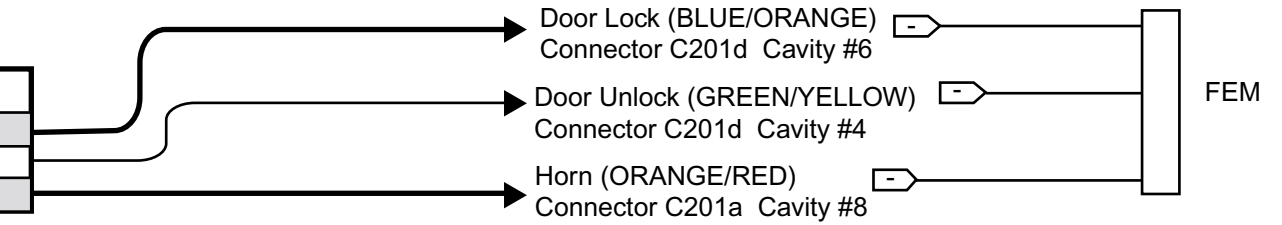
STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-20	GREEN/VIOLET	Door Ajar Switch Input



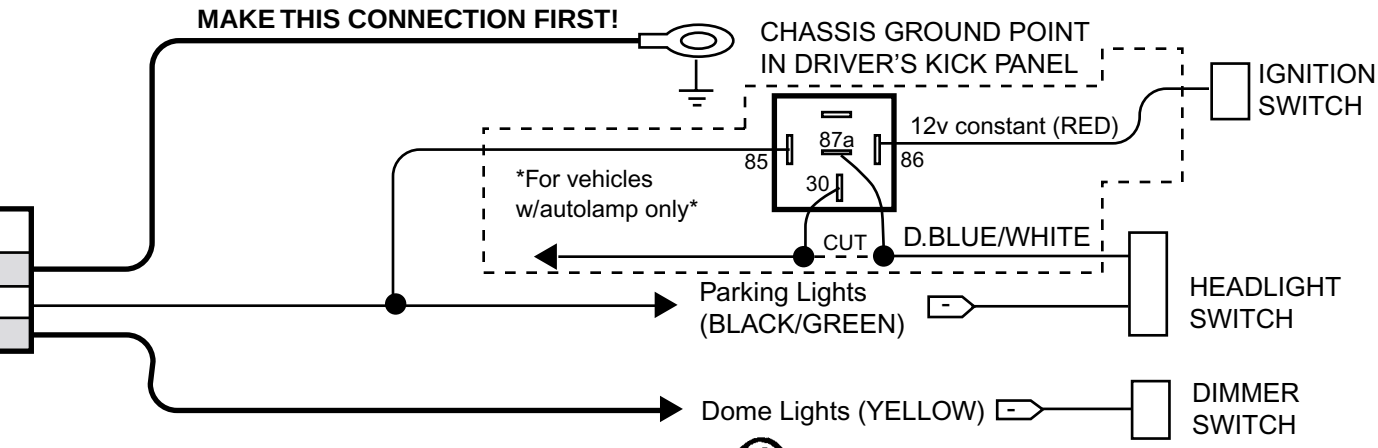
FEM HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-21	BROWN/BLACK	Horn Relay Output



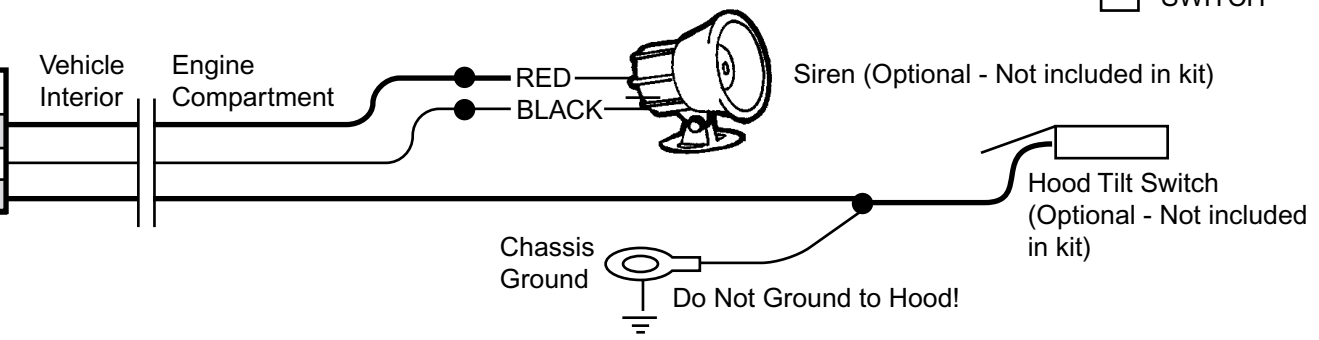
HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-3	BLACK/WHITE	Dome Light Output



UNDER HOOD HARNESS (OPTIONAL)

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
w/Factory RKE	**VSS**
Page	Revision Date
1 of 1	**6/2/03**

STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)
A-20	GREEN/VIOLET	Door Ajar Switch Input

FEM HARNESS

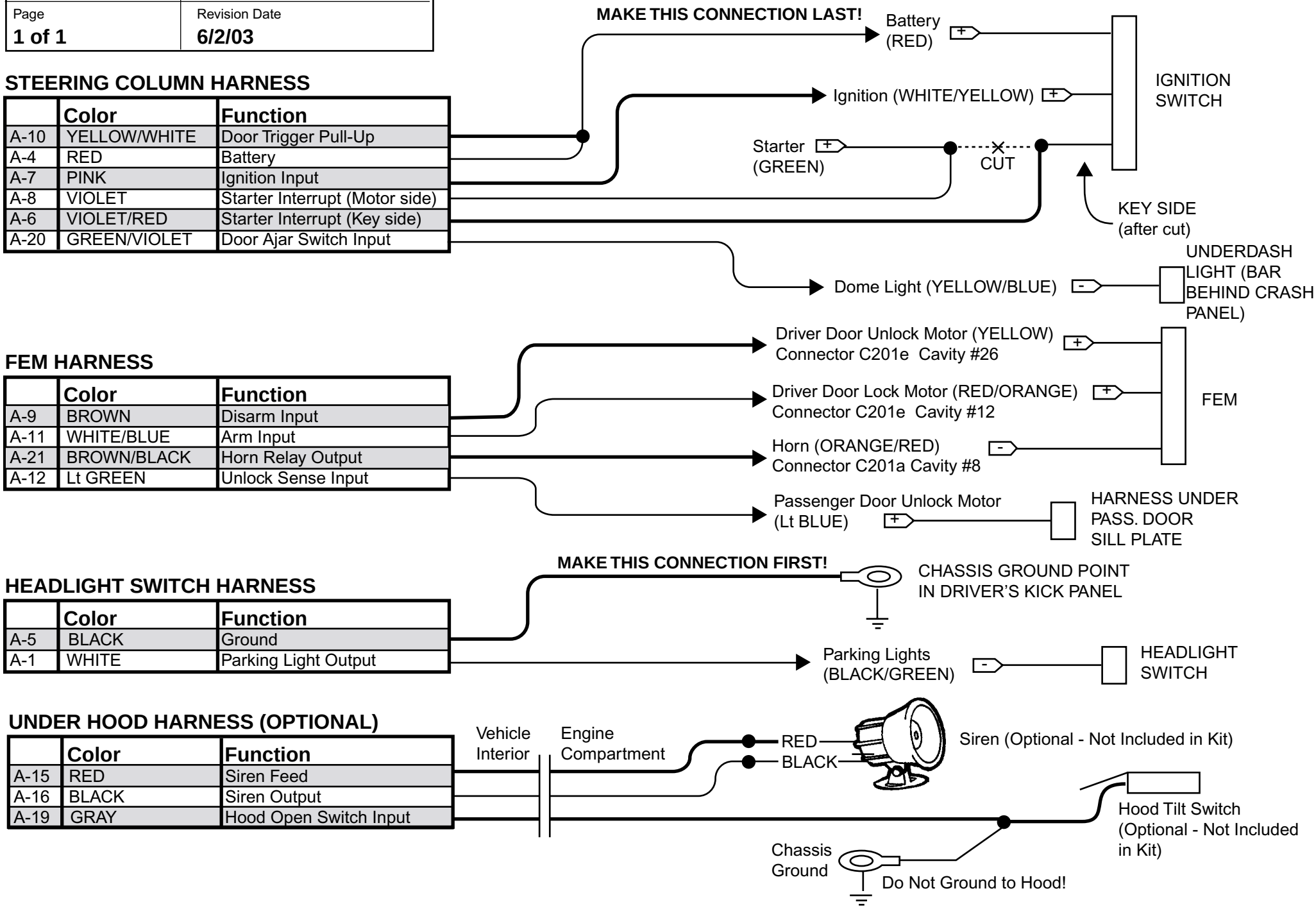
	Color	Function
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-21	BROWN/BLACK	Horn Relay Output
A-12	Lt GREEN	Unlock Sense Input

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output

UNDER HOOD HARNESS (OPTIONAL)

	Color	Function
A-15	RED	Siren Feed
A-16	BLACK	Siren Output
A-19	GRAY	Hood Open Switch Input



Vehicle (Year/Make/Model)	
'02/'03 Windstar	
Equipment or Trim level	System(s) applicable to:
ALL	**PRELOAD**
Page	Revision Date
1 of 1	**9/3/03**

NOTE: REVIEW PRELOAD CONFIGURATION SECTION BEFORE PROGRAMMING

STEERING COLUMN HARNESS

	Color	Function
A-10	YELLOW/WHITE	Door Trigger Pull-Up
A-4	RED	Battery
A-7	PINK	Ignition Input
A-8	VIOLET	Starter Interrupt (Motor side)
A-6	VIOLET/RED	Starter Interrupt (Key side)

MAKE THIS CONNECTION LAST!

Battery (RED) +

Ignition (WHITE/YELLOW) +

Starter (GREEN) +

CUT

IGNITION SWITCH

KEY SIDE (after cut)

FEM HARNESS

	Color	Function
A-2	BLUE	Door Lock Output
A-14	GREEN	Door Unlock Output
A-21	BROWN/BLACK	Horn Relay Output
C-4	LT.GREEN/BLACK	Factory Alarm Disarm Output
A-9	BROWN	Disarm Input
A-11	WHITE/BLUE	Arm Input
A-12	Lt GREEN	Unlock Sense Input

Connect only on vehicles with factory RKE

Door Lock (BLUE/ORANGE) - Connector C201d Cavity #6

Door Unlock (GREEN/YELLOW) - Connector C201d Cavity #4

Horn (ORANGE/RED) - Connector C201a Cavity #8

Perimeter Alarm (BLUE/BLACK) - Connector C201e Cavity #14

Driver Door Unlock Motor (YELLOW) + Connector C201e Cavity #26

Driver Door Lock Motor (RED/ORANGE) + Connector C201e Cavity #12

FEM

Passenger Door Unlock Motor (Lt BLUE) +

HARNESS UNDER PASS. DOOR SILL PLATE

HEADLIGHT SWITCH HARNESS

	Color	Function
A-5	BLACK	Ground
A-1	WHITE	Parking Light Output
A-20	GREEN/VIOLET	Door Ajar Switch Input
A-3	BLACK/WHITE	Dome Light Output

MAKE THIS CONNECTION FIRST!

CHASSIS GROUND POINT IN DRIVER'S KICK PANEL

IGNITION SWITCH

12v constant (RED)

87a

85

86

30

For vehicles w/autolamp only

CUT

D.BLUE/WHITE

HEADLIGHT SWITCH

Parking Lights (BLACK/GREEN) -

Dome Light (YELLOW/BLUE) -

UNDERDASH LIGHT

Dome Lights (YELLOW) -

DIMMER SWITCH