



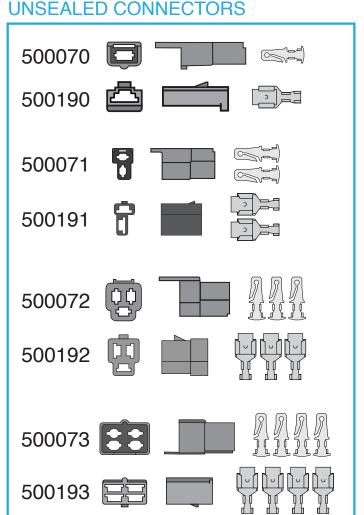




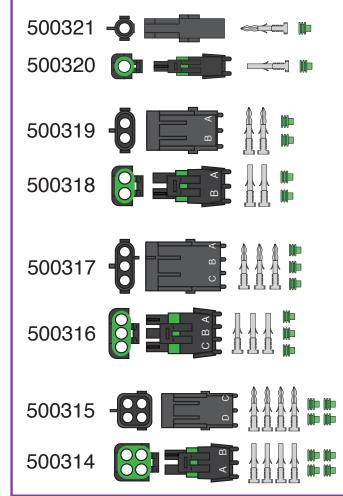


OPTIONAL Add-On Equipment:

The connectors, sockets, wires, terminals and tools, shown on this page, are just a small sample of the many accessories that are available, to help with your installation, from the American Autowire Catalog.



SEALED WEATHER PACK **CONNECTORS**





500723 Battery Trunk Mount Kit, Top Post (pictured)

500724 Battery Trunk Mount Kit, Side Post



500875 Alternator Connection Kit -High Amp Output



500665 Battery Crimping Star Tool (this tool is included, in the four Battery Kits above)



No Frame Rail





LAMP SOCKETS - METAL 500157 36050

LAMP SOCKETS - PLASTIC





510152 - 510157 Split Braid Wiring Harness Wrapping



500093 Weatherproof Universal Relay Kit



500726 Battery Under Hood Mount Kit, Side Post (pictured)

500725 Battery Under Hood Mount Kit, Top Post

START HERE !

PLEASE READ THIS BEFORE STARTING INSTALLATION !

This wiring kit is designed for ease of installation. Please read the guidelines below, BEFORE STARTING your installation, to guarantee a successful job. Use an appropriate crimping tool, which folds the wings of the open barrell terminals down into the wire, as shown on this page. If you use our crimping tools and correctly crimp the included terminals, soldering is not necessary. If you are unsure about a particular crimp, soldering is recommended. Our factory crimped terminations are installed by GM approved five ton presses, and soldering these terminations is not necessary. The terminals that we supply in our kits, utilize what is known as an F crimp. The F crimp, in a cross section, will look like the illustration below, when done correctly.





end view of un-crimped terminal

We carry the following crimping hand tools, to help with your terminal crimping. These hand tools are available, for purchase or rental.

AAW p/n 510585 OEM small terminal crimping tool (18-14 gauge) AAW p/n 510586 OEM large terminal crimping tool (12-8 gauge)





STEP 1: DISCONNECT YOUR BATTERY:

Disconnect the battery, before installing the wiring kit, to prevent any accidental shorting caused by loose bare wire ends.





wire core

proper crimp of terminal

> AAW p/n 510609 Weather Pack/Metri Pack crimping tool (18-12 gauge)



STEP 2: START INSTALLING KIT:

This kit is broken down into individual sections, that are identified by a letter printed on the enclosed sheets, visible through each bag. The order of installation and the pages with their installation instructions, are shown below:

Table of Contents:

Pages: Sections: Bags:

5.6 **Power Subkit - This harness contains:** Α

- Ignition switch connections. - Starter solenoid connections.
- Main Circuit Breaker connections. Alternator connections.
- Neutral safety switch connections. Battery connections.

В Main Subkit - This Harness contains: 7 - 13 - Heater/AC Feed.

- Wiper Feed.
- Headlight Switch Feed.
- Gauge Feed.
- Clock Feed.
- Radio Feed.
- Miscellaneous Ignition Feeds.

С 12, 13 Headlight Kit - This Harness contains:

- Headlight Switch.

- Courtesy Light connections.

- Reverse Light Switch Feed.

- Turn Signal/Hazard Light Feed.

- Brake Light Switch Feed.

- Parking Light connections.

- Headlight connections.

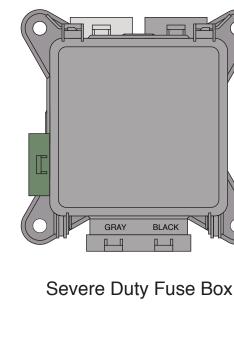
- Dimmer Switch.

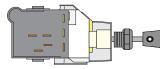
- Horn Feed.

D 10, 11 **Turn Signal Kit - This Harness contains:**

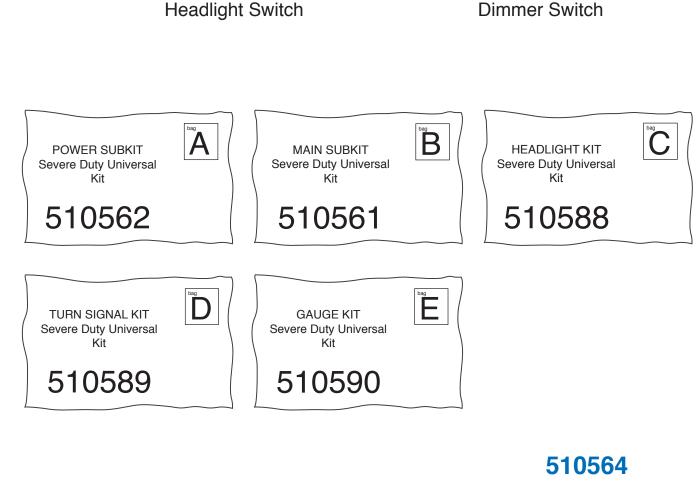
- Turn Signal connections. - Brake Switch connection.
- Third Brake Light connection. - Turn Signal Indicator connections.
- Ε 14 Gauge Kit - This Harness contains:
 - Gauge connections for aftermarket gauges.
 - Electronic Speedometer connections.
 - Indicator Lights connections.







Headlight Switch



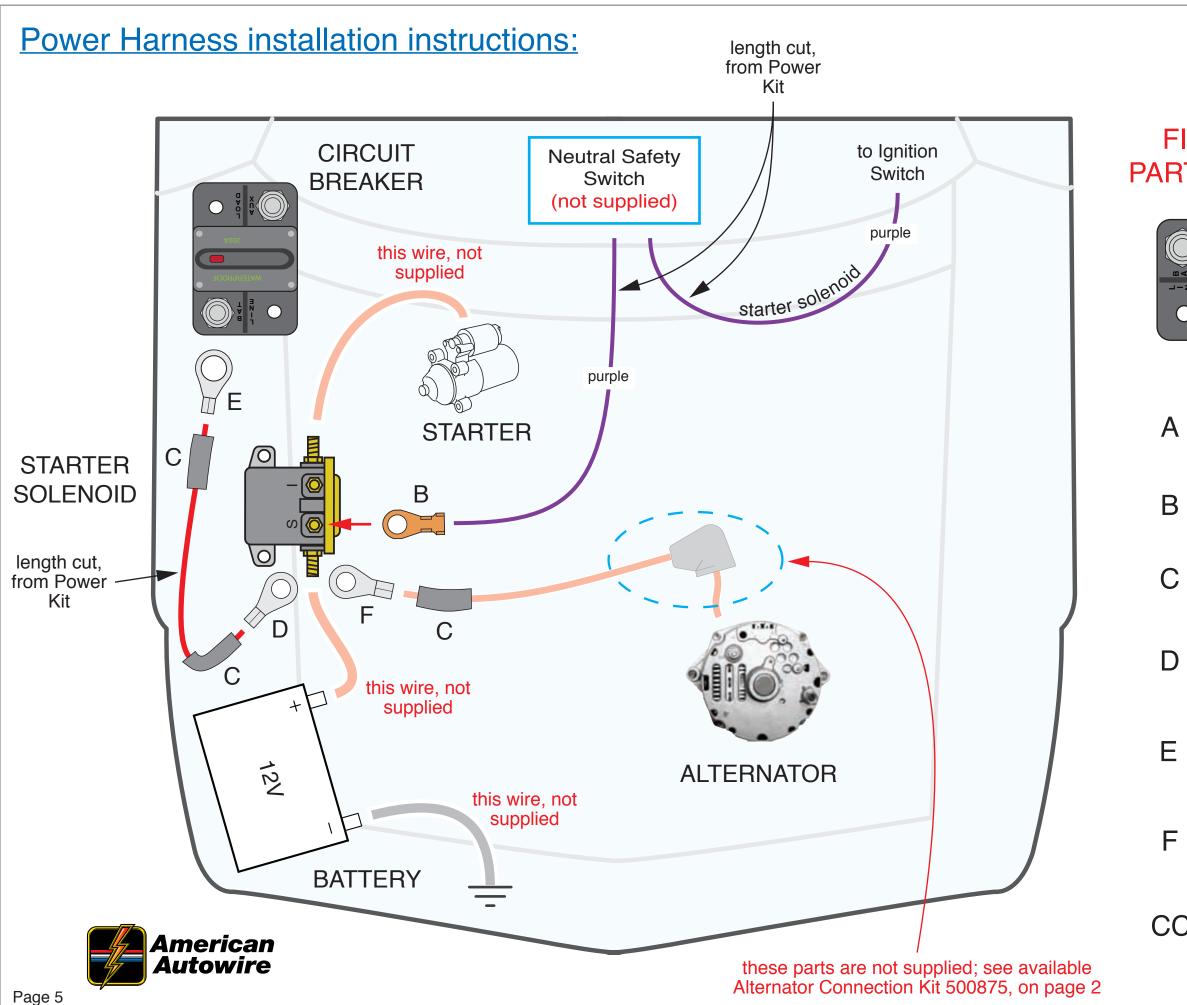






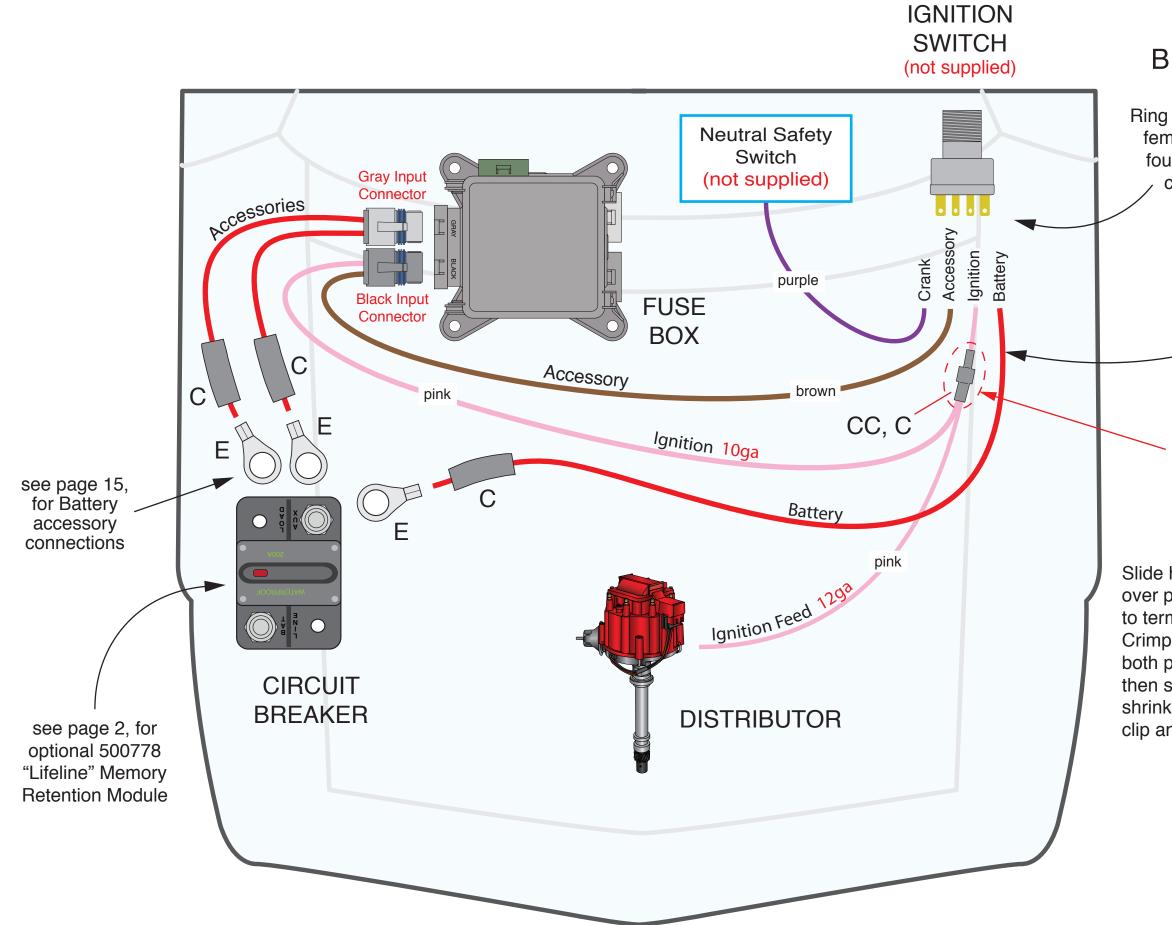
Circuit Breaker



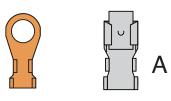


	REAR
TIND THESE TS, IN BAG A	FRONT
Circuit Breaker	
	(female terminal, 5 pcs.)
	(ring terminal, 7 pcs.)
	(shrink tubing, 5 pcs.)
	(ring terminal, medium stud, smaller wire, 2 pcs.)
	(ring terminal, large stud, smaller wire, 3 pcs.)
	(ring terminal, medium stud, large wire, 2 pcs.)
C	(splice clip, 2 pcs.)
510564	

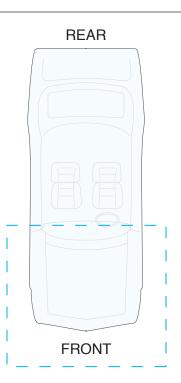
Power Harness Gray Input Connector and Black Input Connector installation instructions:







Ring terminals and Push-on female terminals, can be found in **Bag A**, to make connections to your ignition switch.



"Battery" wire length, cut from Power Kit

See Detail A

Slide heat shrink tubing "C", over pink 10ga wire, prior to terminating both ends. Crimp splice clip "CC", to both pink wires, as shown, then solder crimp. Slide shrink tubing over splice clip and shrink to cover.

10ga 12ga

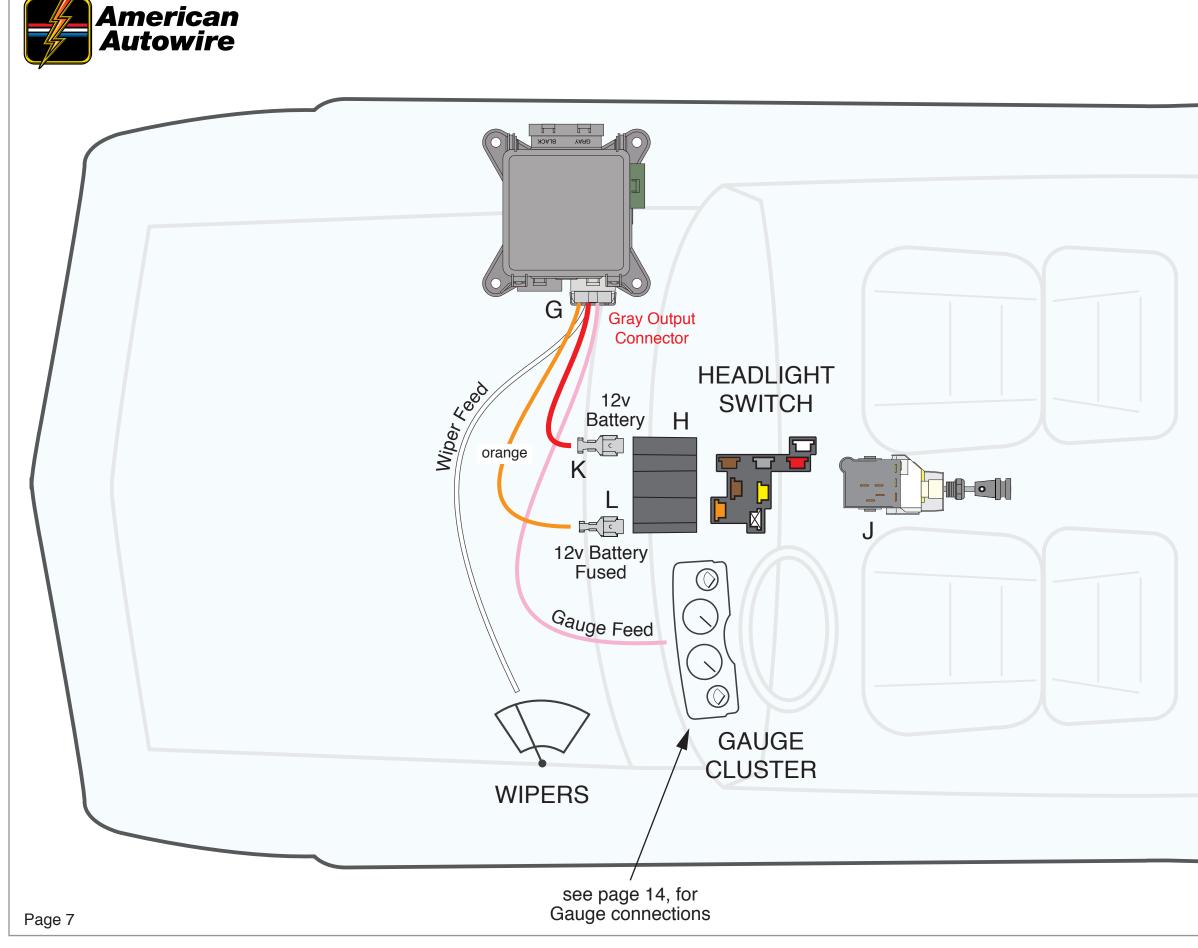
CC

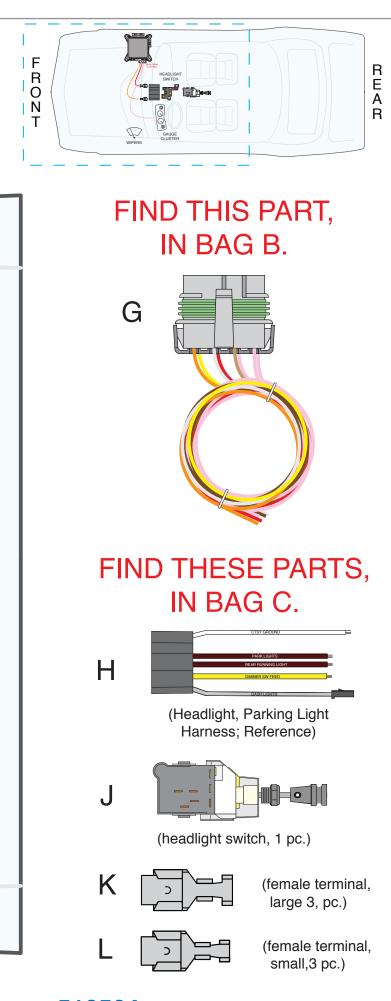
Detail A



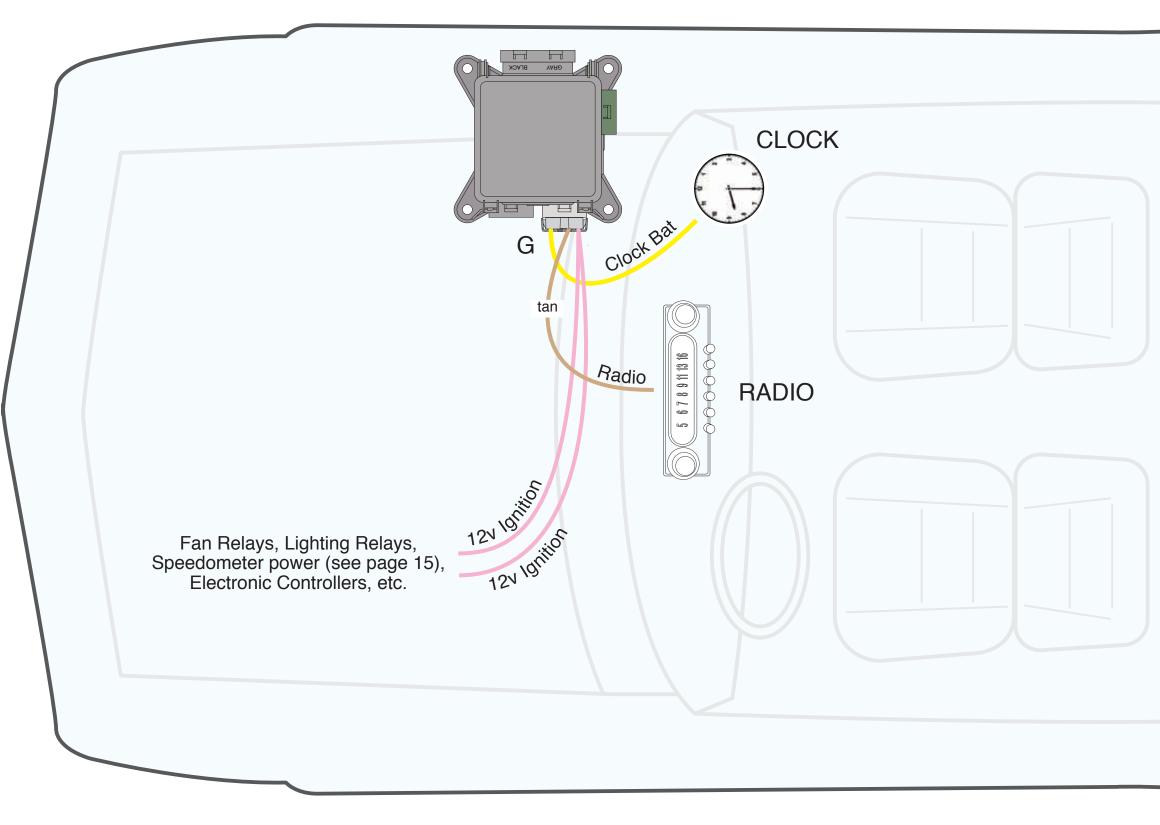


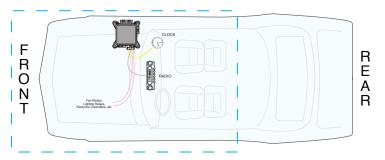
Main Harness - Gray Output Connector installation instructions:





Main Harness - Gray Output Connector installation instructions:

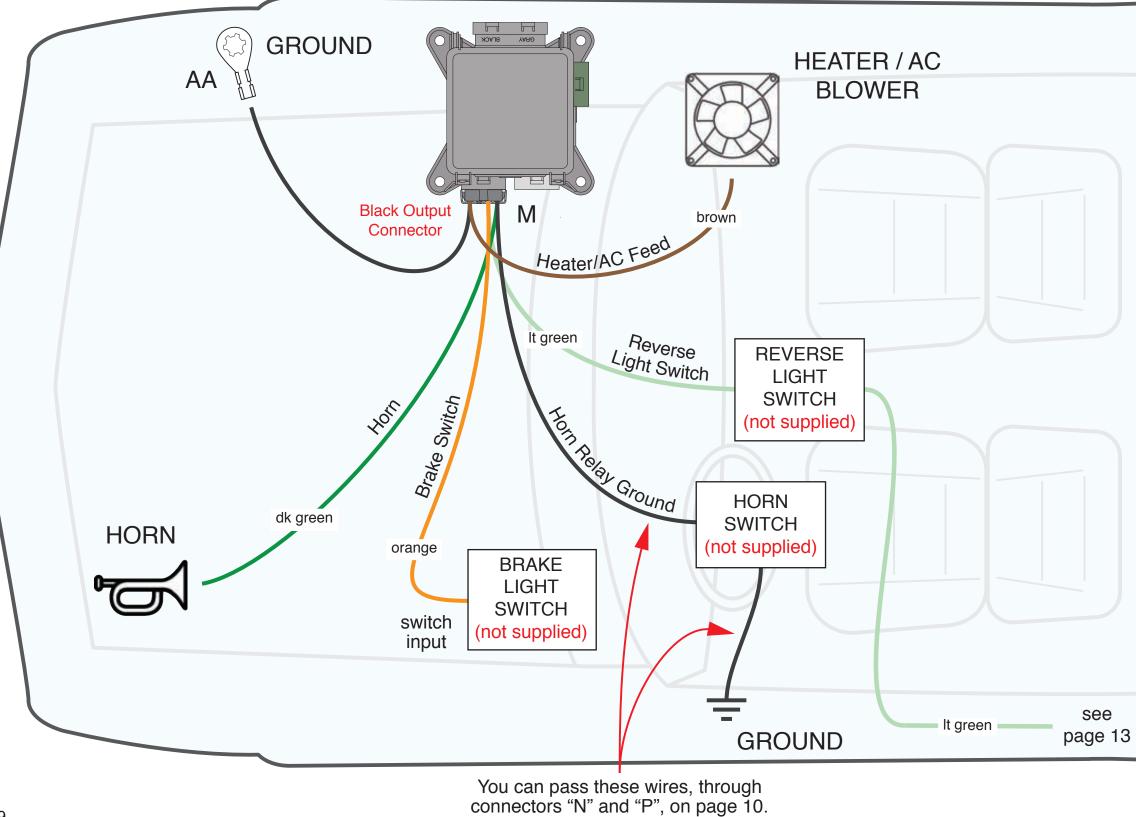


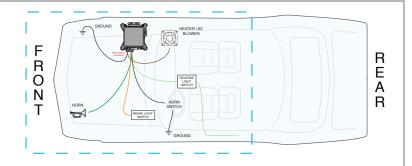






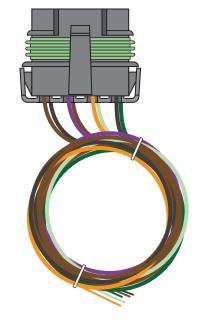
Main Harness - Black Output Connector installation instructions:





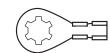
FIND THESE PARTS, IN BAG B.

Μ





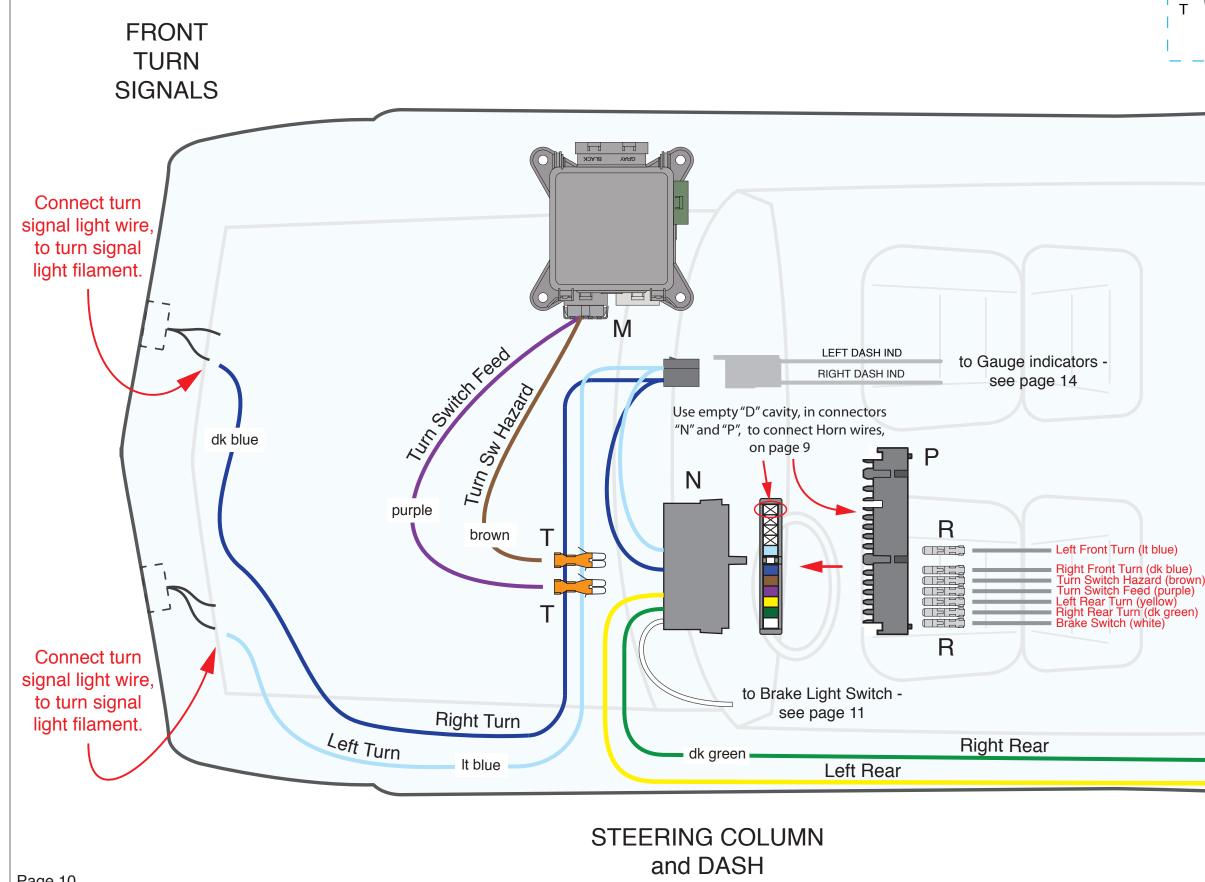
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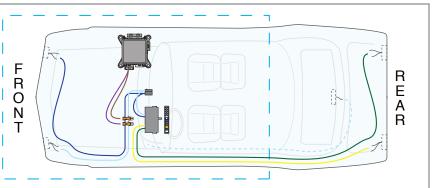


(ring terminal, internal tooth, 2 pcs.)

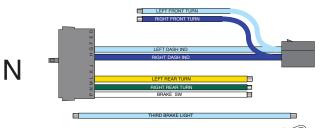


Turn Signal Harness installation instructions:









(Turn Signal Harness; Reference)



R

Т

(Pack-con 14-way male connector, 1 pc.)

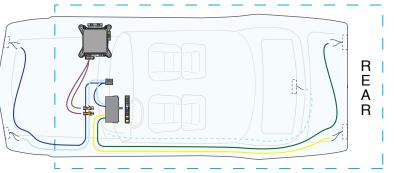


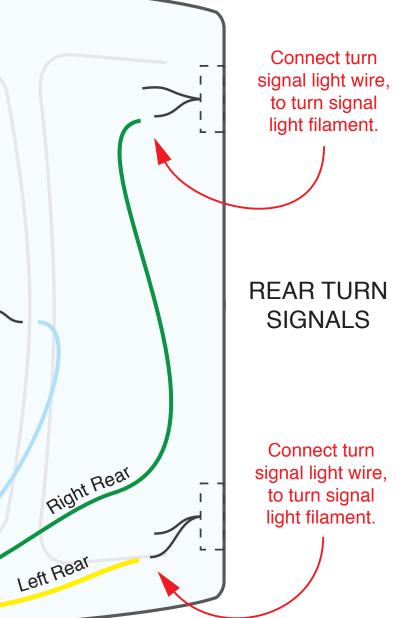
(Pack-con male terminal, 10 pcs.)

(Pack-con female terminal, 6 pcs.)



Turn Signal Harness installation instructions: F R O N T THIRD BRAKE LIGHT TE Μ See page 10 Ν See page 10 switch outputs **BRAKE LIGHT** Third Brake Light (optional) SWITCH (not supplied) dk green American Autowire LIGHT BLUE WIRE, FROM BAG D



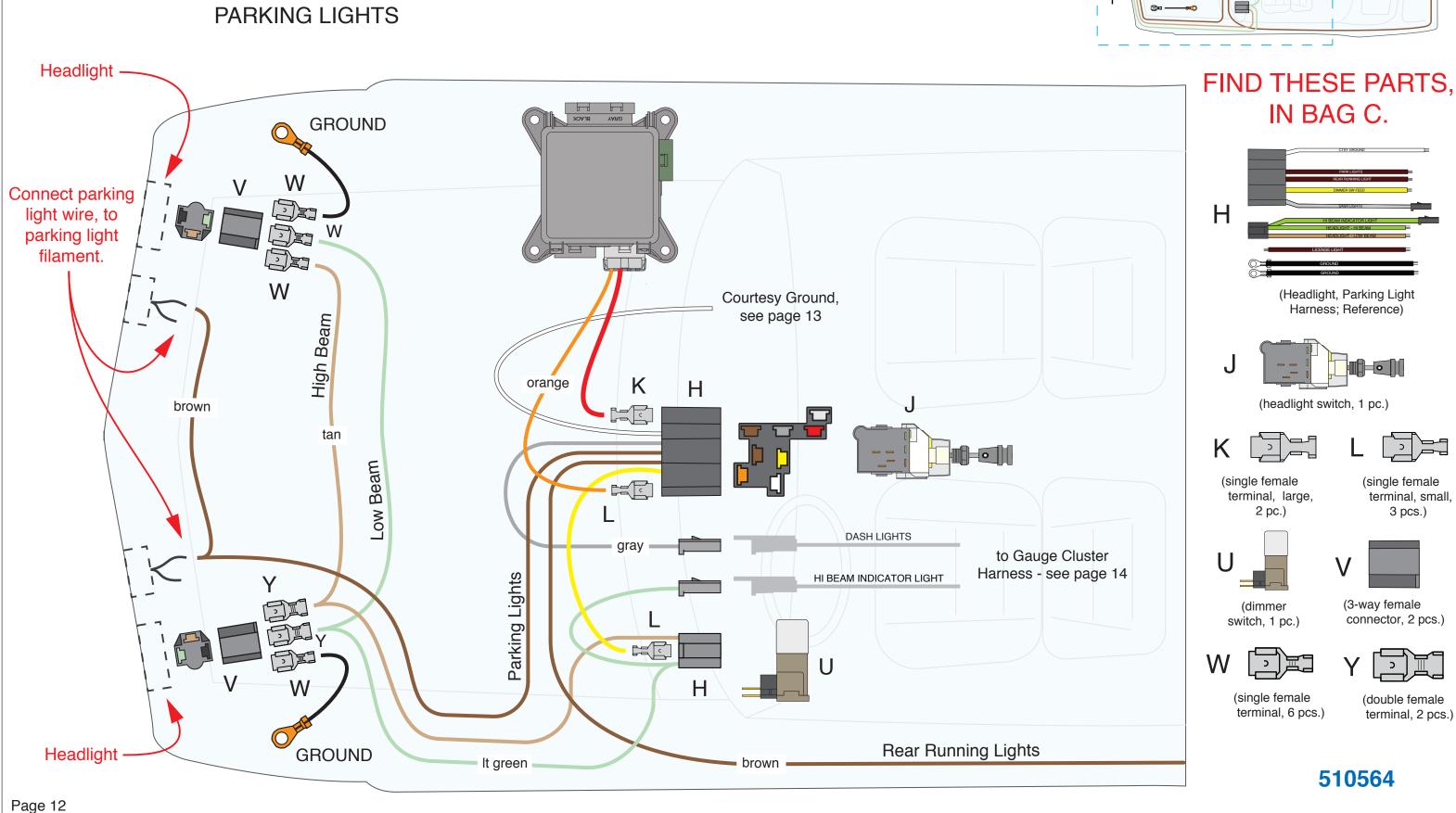


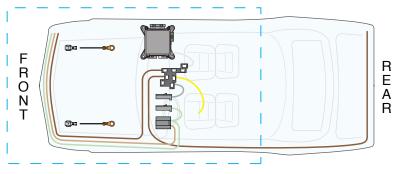


Headlight Harness installation instructions:

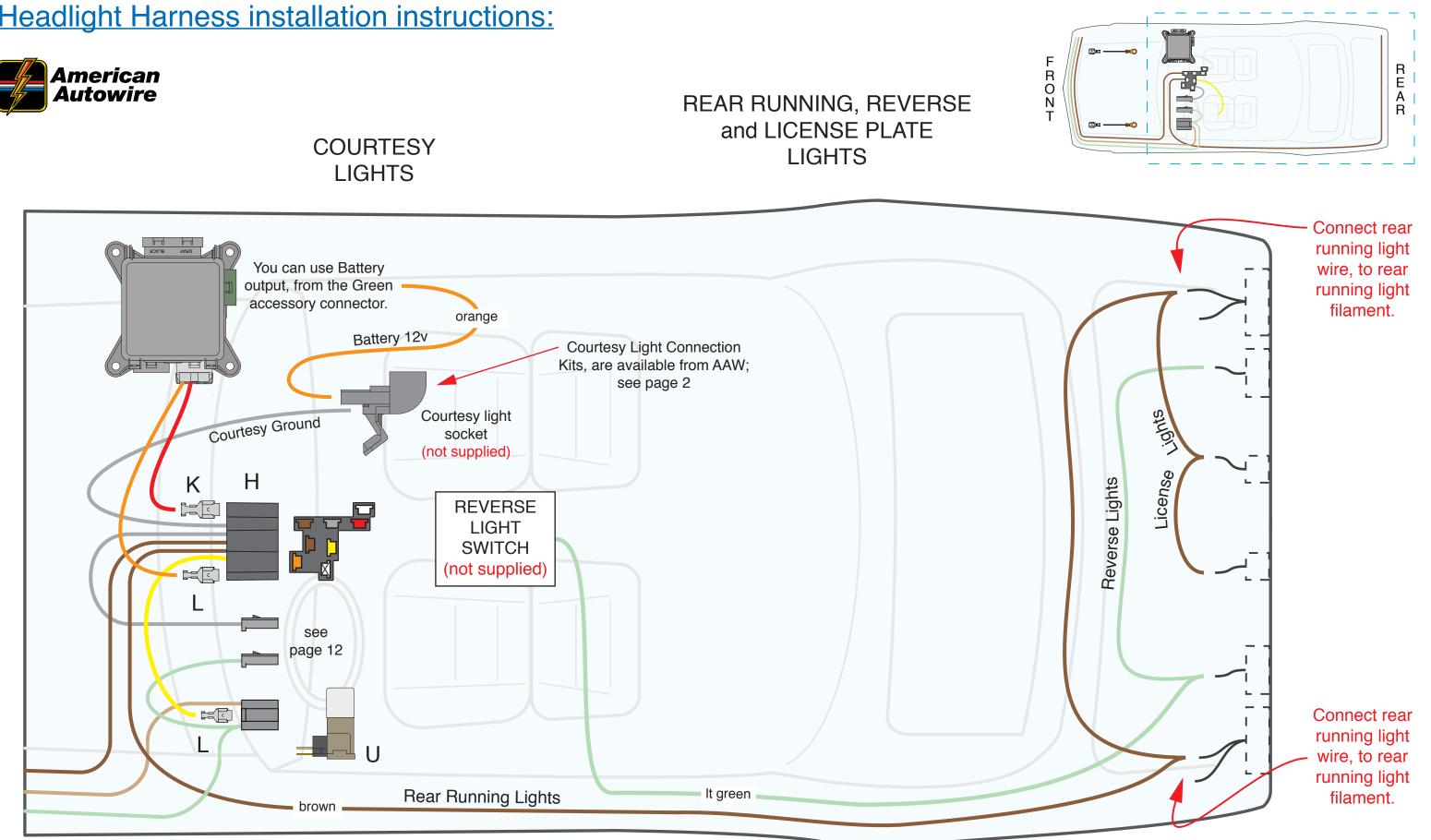
HEADLIGHTS and FRONT

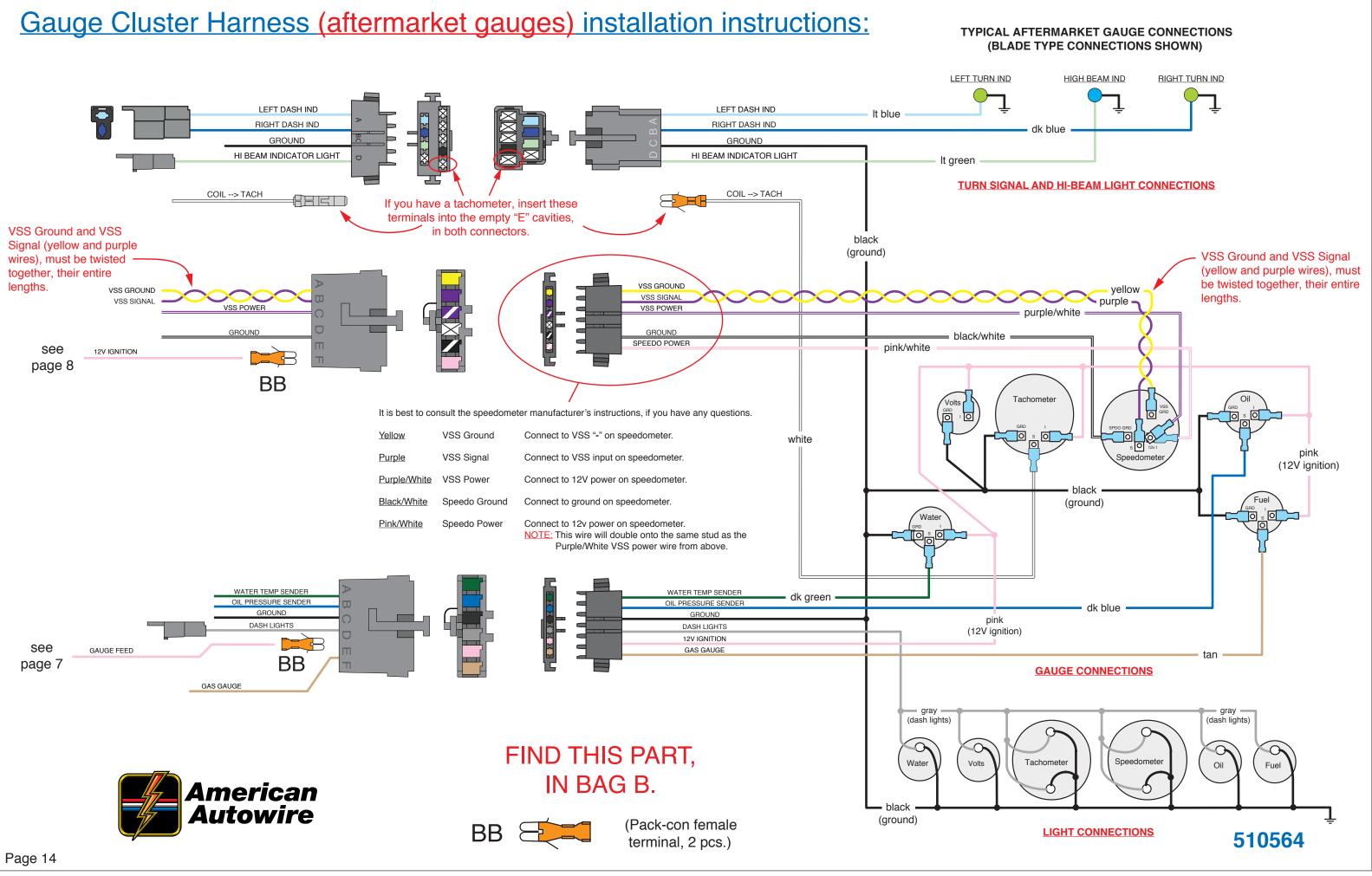




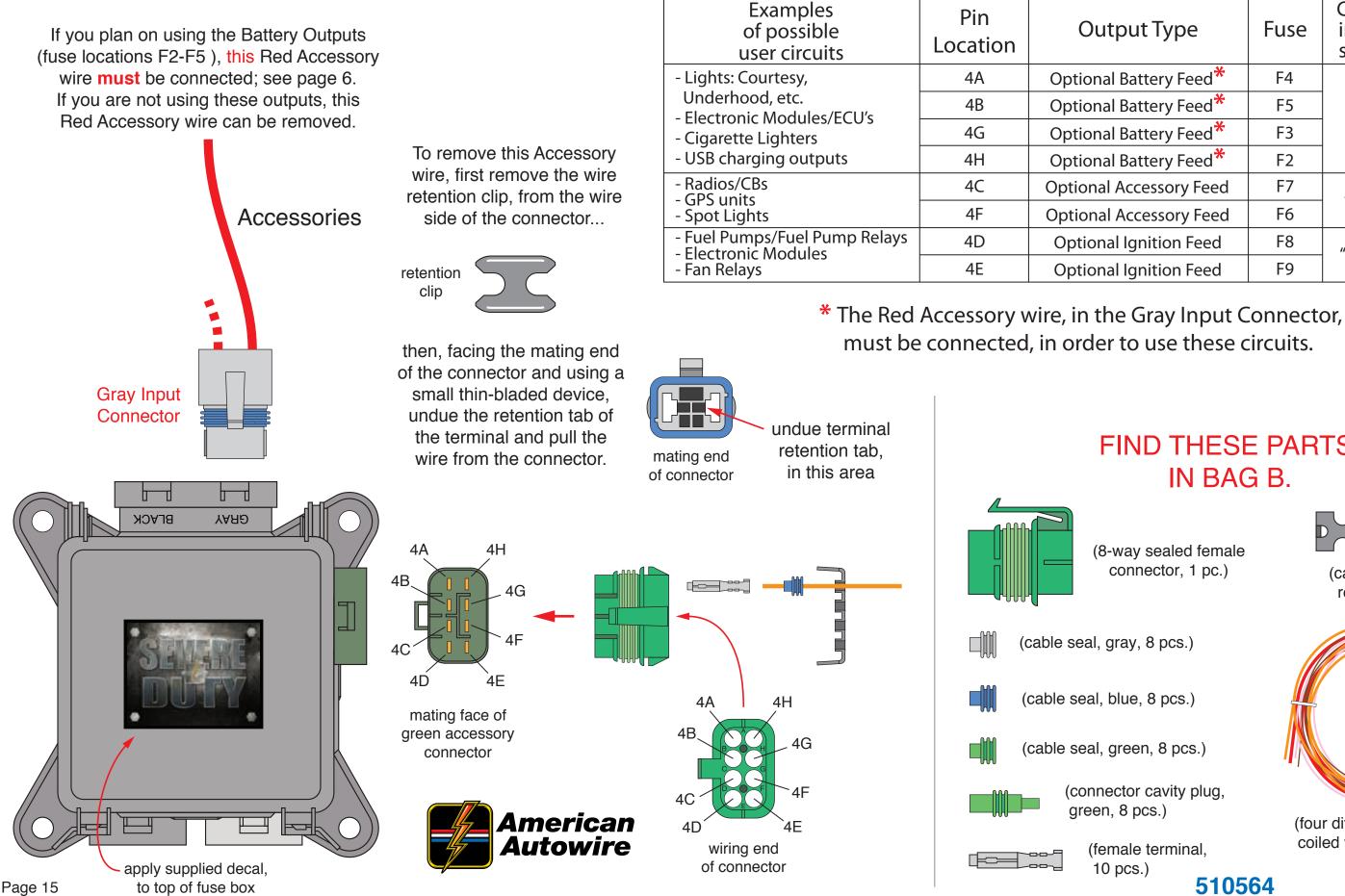


Headlight Harness installation instructions:





Green Accessory Connector installation instructions:



out Type	Fuse	Circuits are "live", in these ignition switch positions	
Battery Feed [*]	F4		
Battery Feed [*]	F5	All	
Battery Feed Ӿ	F3		
Battery Feed [*]	F2		
Accessory Feed	F7	"ACC" (Accessory)	
Accessory Feed	F6	ACC (ACCESSORY)	
Ignition Feed	F8	"ON"/"IGN"/"RUN"	
Ignition Feed	F9		

FIND THESE PARTS, IN BAG B.

(8-way sealed female connector, 1 pc.)

(connector cavity plug,

(female terminal, 510564



(cable seal retainer, 1 pc.)



(four different gauges, of coiled wire; 400 inches)

STEP 3: RECONNECT YOUR BATTERY:

When you have completed the installation and are ready to reconnect the battery, make sure that the following electrical system grounds are in place:

- A. Battery is grounded to the ENGINE BLOCK.
- Battery is grounded to the frame. Β.
- Engine block is grounded to the frame. C.
- D. Body is grounded to the frame.

STEP 4: CHECK ALL ELECTRICAL FUNCTIONS:

Any non-functioning items should be checked for proper installation. Any problems with your wiring and electrical circuit functions, should be addressed to American Autowire Systems, Inc. as soon as possible, to avoid any warranty problems.



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Find out more about automotive electrical parts we have.