



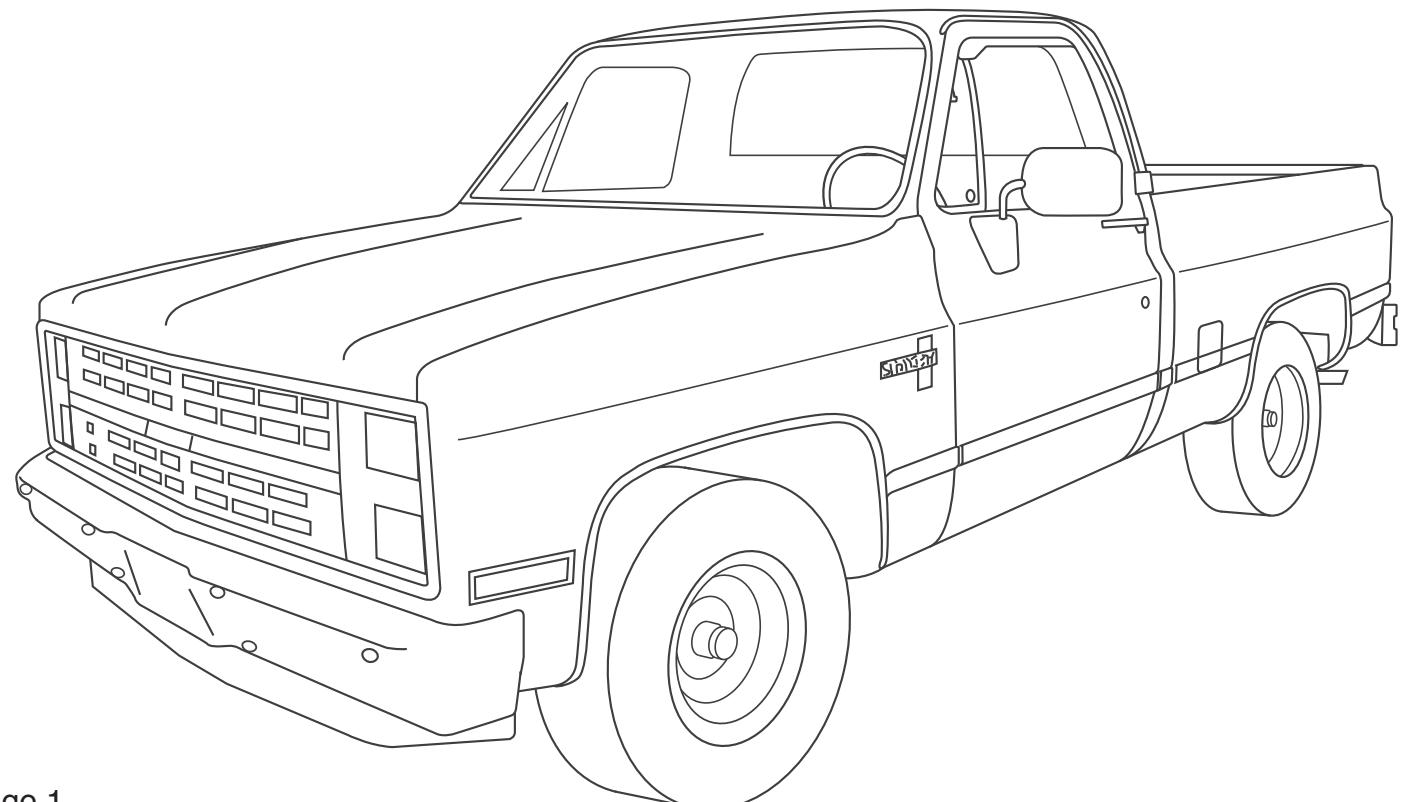
WARNING:

Validate the kit contents with the component list included on this page before proceeding. This kit is intended to be used in a **modified** vehicle. Please read this page thoroughly and be sure that you understand everything prior to opening any enclosed packages, or before attempting to install any components. Once this kit has been opened or a component installed the kit is not returnable.

This American Autowire wiring system is intended for highly **modified** applications only.

This kit **DOES NOT:**

- Include the wiring for a factory original A/C system.
- Support factory-original engine management equipment.
- Include support for factory emissions equipment or electronics. These harnesses are not included or addressed by this kit.
- Include an ignition switch as it is wired for a factory column mounted switch.
- Include a floor dimmer switch. The floor dimmer was used in model year 1983 only.
- Include adapters for later model ('86+) alternators. An SI-series alternator connector is included, and adapters for other alternators can be purchased separately.



510706 - Classic Update Series Kit
1983-87 Chevrolet Truck

This kit contains the following components:

<u>Bag</u>	<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
	500332	Headlight Switch	1
	500919	Practice Terminal Crimping Set	1
	510716	Fuse, Relay, and Flasher kit	1
	510354	Courtesy Light Connection kit	1
G	510707	Dash Harness kit	1
H	510708	Instrument Cluster wiring kit	1
J	510709	Engine Wiring kit	1
L	510710	Front Light Wiring kit	1
M	510711	Rear Body Wiring kit	1

Validate the kit contents with this component list. If there are any discrepancies with incorrect or missing parts, stop your installation and notify the supplier you purchased the kit from before proceeding.



**American
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1983-87 Chevrolet Truck
Classic Update Series
510706

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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. Use a crimping tool that folds the wings of the open barrel 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.



AAW offers a great terminal crimping video entitled [Proper Crimping Video](#). It can be viewed by visiting YouTube.

Type the following address into your web browser, to go directly to the video:
www.youtube.com/watch?v=JAgEDoVI-co

Youtube Channel:
www.youtube.com/user/WiringHarness



The terminals that we supply in our kits utilize what is known as an F crimp. When done correctly the F crimp cross section will look like the illustration below.



end view of
un-crimped terminal



end view of properly
crimped terminal

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

p/n 510585

OEM small terminal crimping
tool (18-14 gauge)

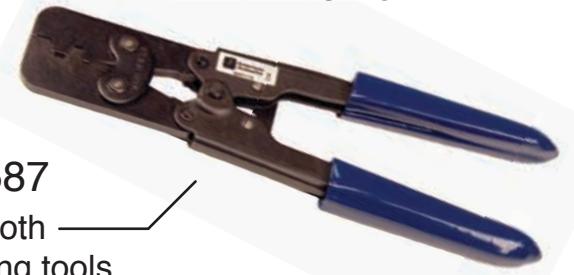


p/n 510587

Includes Both
terminal crimping tools

p/n 510586

OEM large terminal crimping
tool (12-8 gauge)



We carry many accessories for your 1983-87 Chevrolet Truck.



Professional Grade
Terminal and
Connector Kit
p/n 510643



Professional Grade
Weather-pack Terminal
and Connector Kit
p/n 510451

STEP 1: DISCONNECT YOUR BATTERY:

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

1983-87 Chevrolet Truck
Classic Update Series
510706

92971982 Rev 0.0 1/23/2018

If you have any questions concerning this or any of our products,
please feel free to call us at 1-856-933-0801.

STEP 2: START INSTALLING KIT:

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

Table of Contents:

Bags: Pages: Sections:

G 4 - 7 **Dash Harness - This is the main harness in the kit and contains:**
- Wiper switch connections.
- Neutral safety switch connections.
- Turn Signal switch connections.
- Courtesy light connections.
- Dimmer switch connection.
- Accessory connections.

H 8 - 10 **Gauge Cluster Harness - This Harness contains:**
- Gauge connections for aftermarket and factory gauges.

M 11 - 13 **Rear Body Harness - This Harness contains:**
- Tail light, turn signal, reverse light, and running light connections.
- Third brake light and license plate lights connections.
- Fuel Gauge Sender connection.

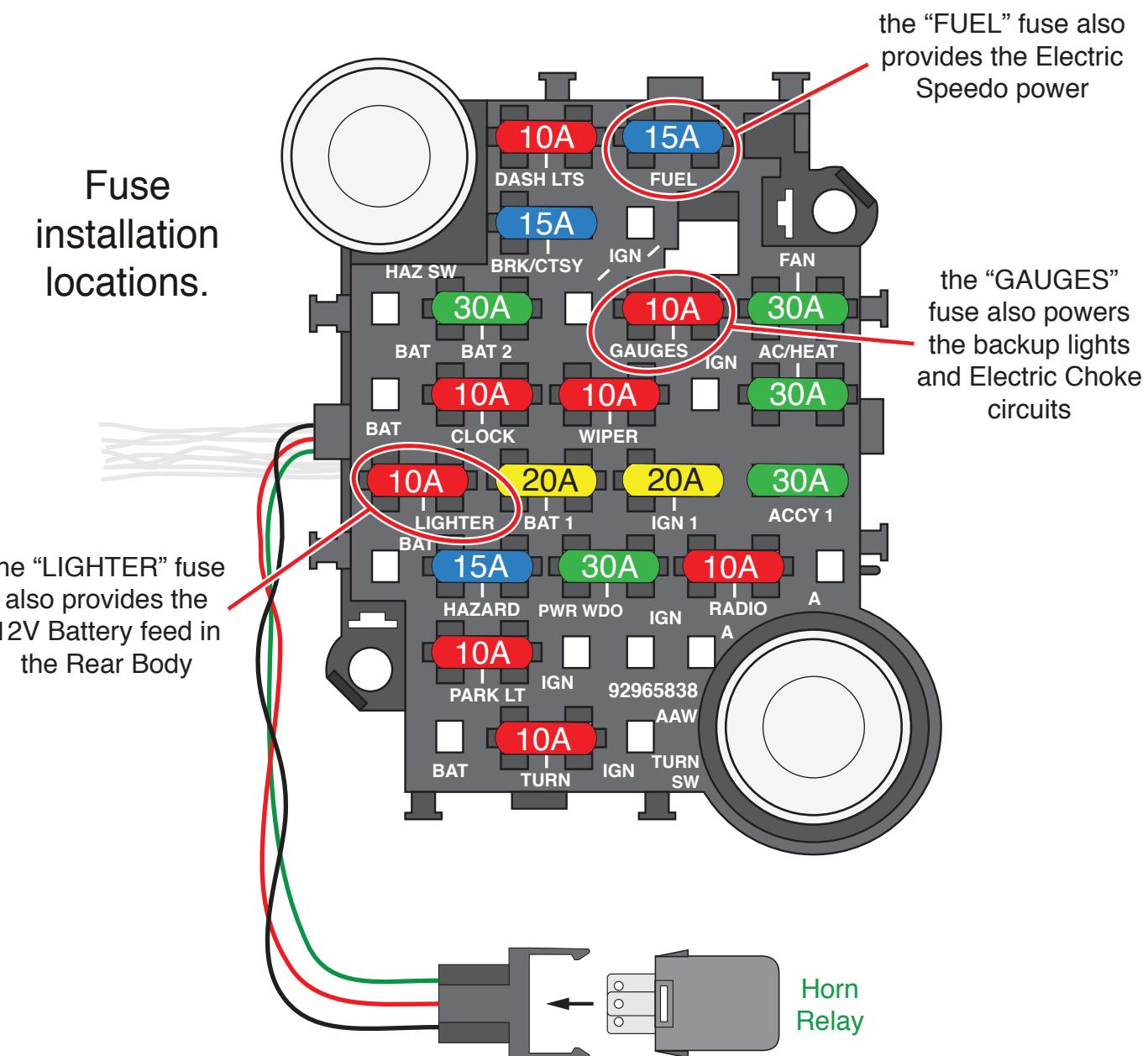
L 14 - 16 **Front Light Harness - This Harness contains:**
- Headlight, turn signal, running light connections.
- Electric fan relay trigger.
- Brake fluid level wiring.
- Horn connections.
- Chassis ground.

J 17 - 19 **Engine Harness - This Harness contains:**
- Temperature, oil pressure, tachometer wiring.
- Ignition system.
- Alternator connections.
- Windshield washer connection.
- Electric Choke connection.
- Vehicle Speed Sensor (VSS) connections.



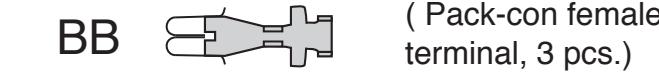
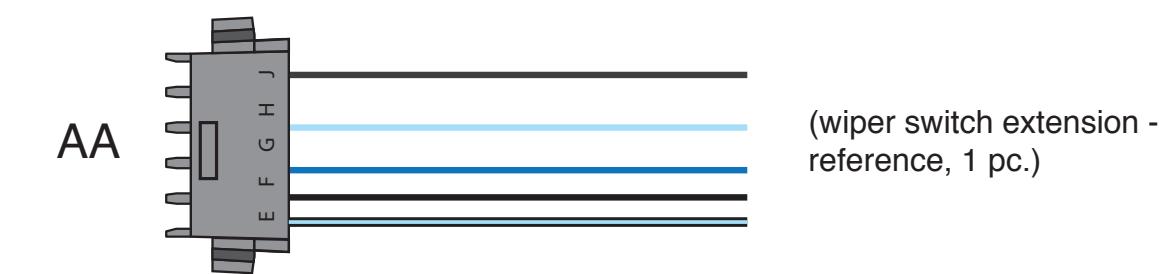
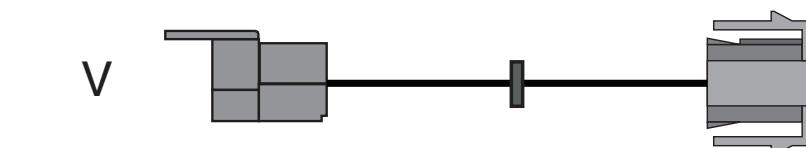
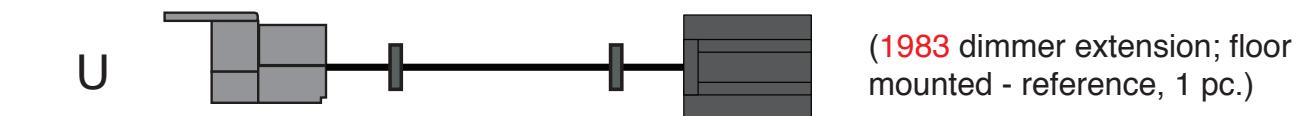
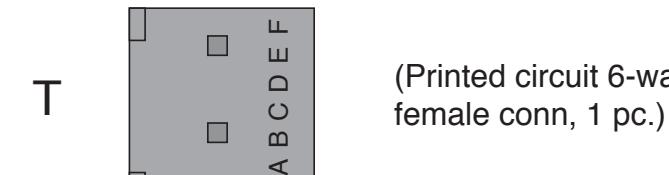
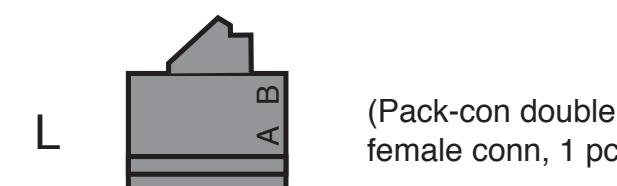
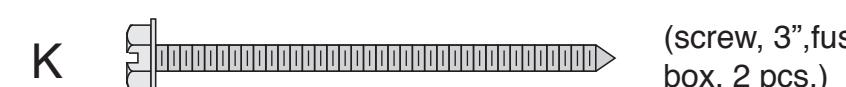
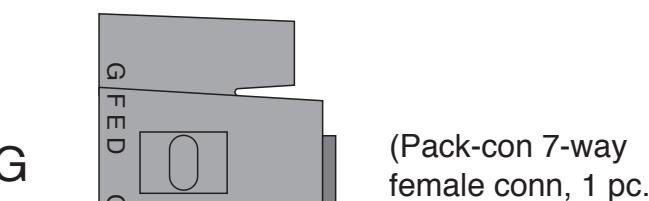
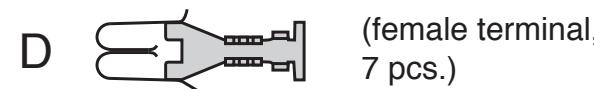
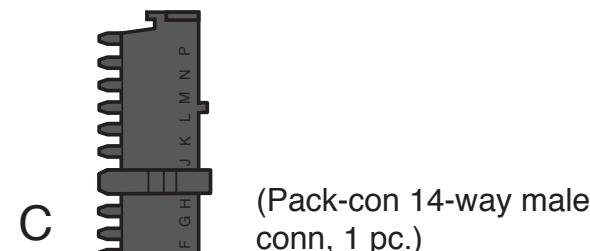
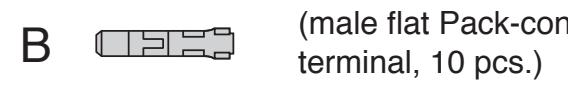
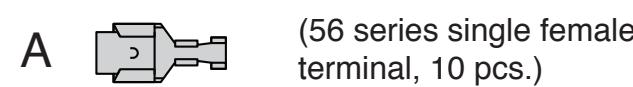
PLEASE READ THIS HELPFUL INSTALLATION TIP, BEFORE GOING ANY FURTHER!

Prior to installing the Dash/Main harness in your dashboard, plug all of the fuses, Hazard Flasher and Turn Flasher into the Fuse Block (see detailed picture below) and the Horn Relay into this harness (see detailed picture below).

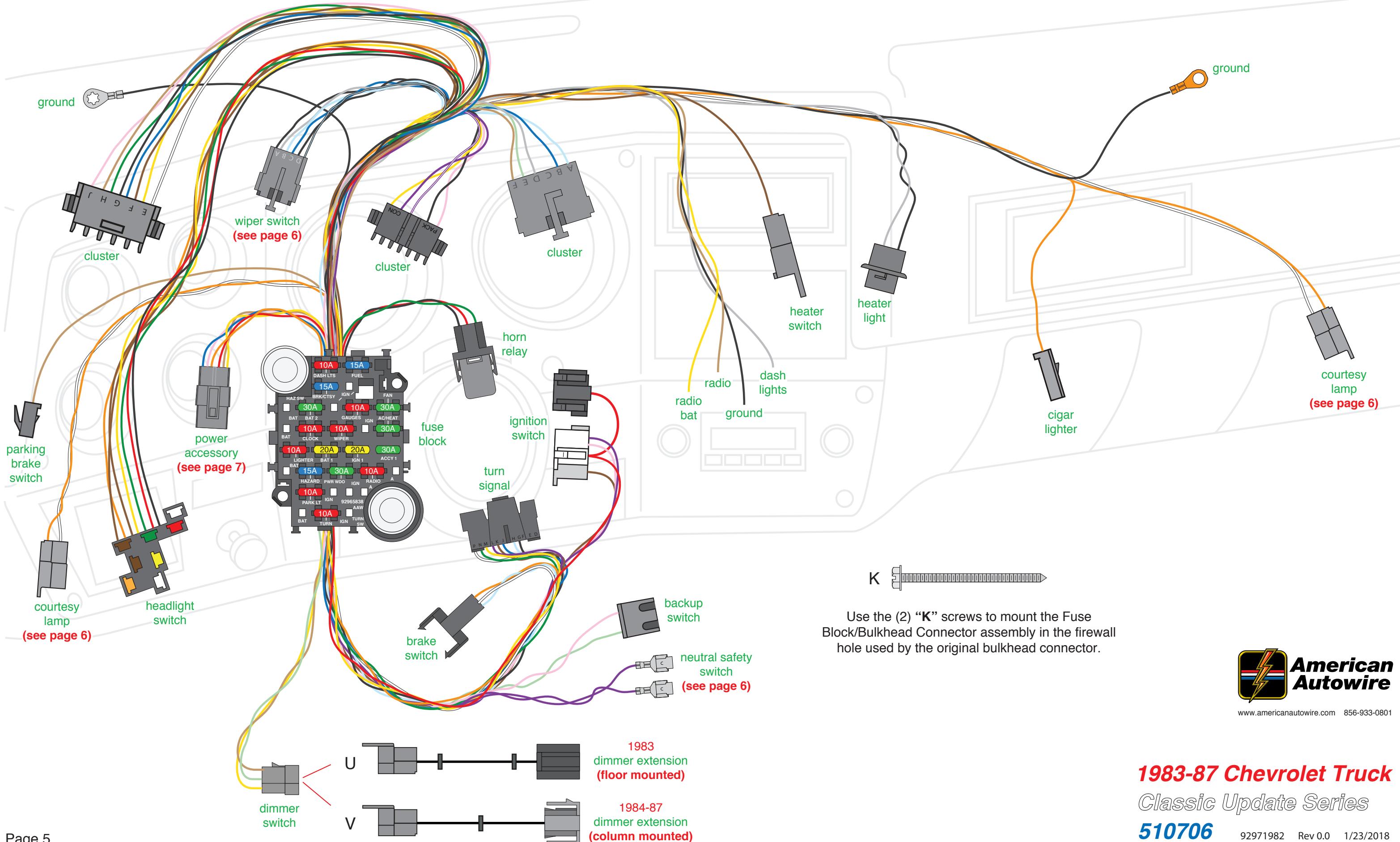


Dash/Main harness installation instructions:

Shown below are the supplied misc. terminals, plastic connector bodies, hardware, jumpers and extensions that will be used to complete your Dash/Main harness connections. They are itemized and referred to on this page, just as they are on the following pages of this Dash/Main instruction set.

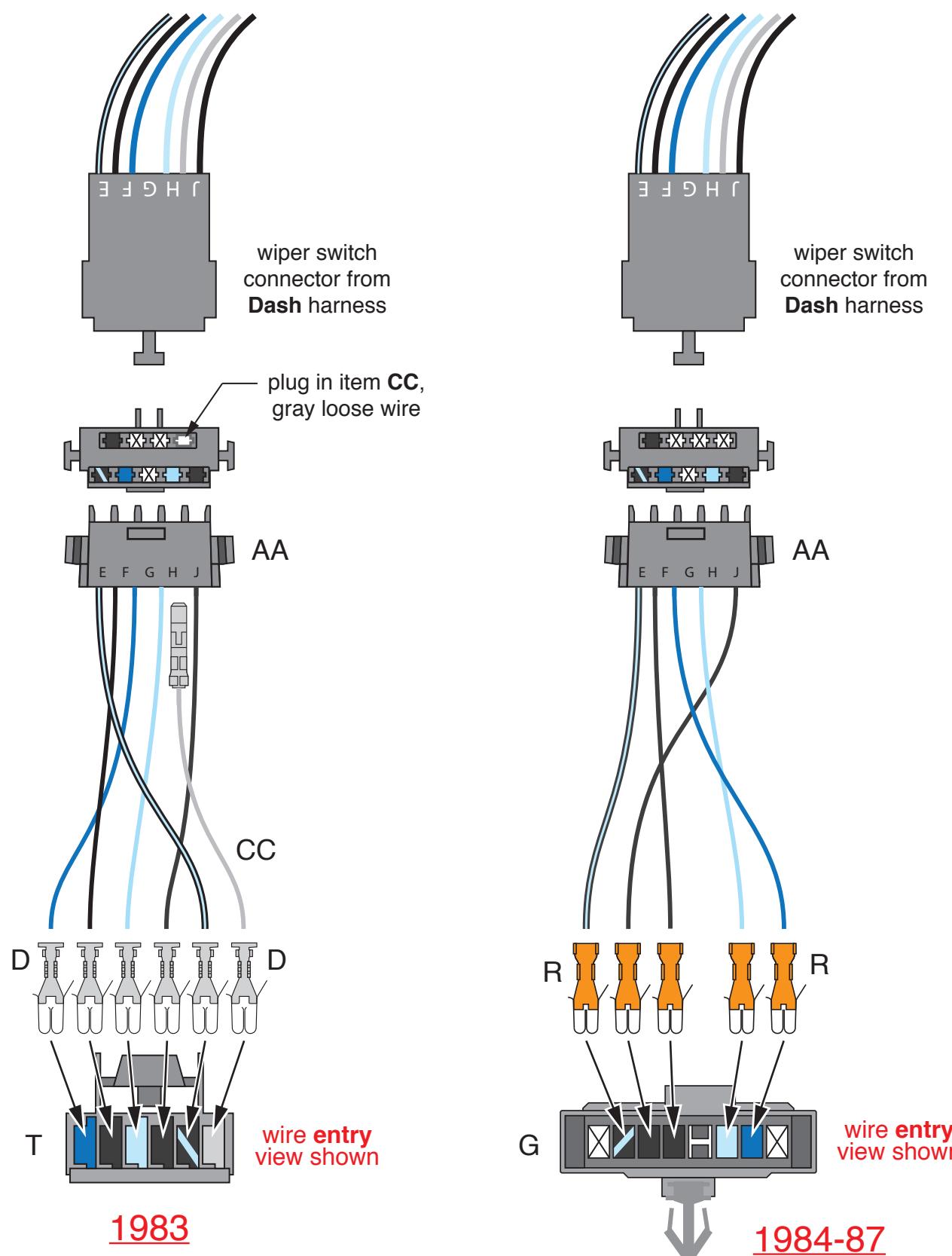


Dash/Main harness installation instructions:



Dash/Main harness installation instructions:

Wiper switch wiring:

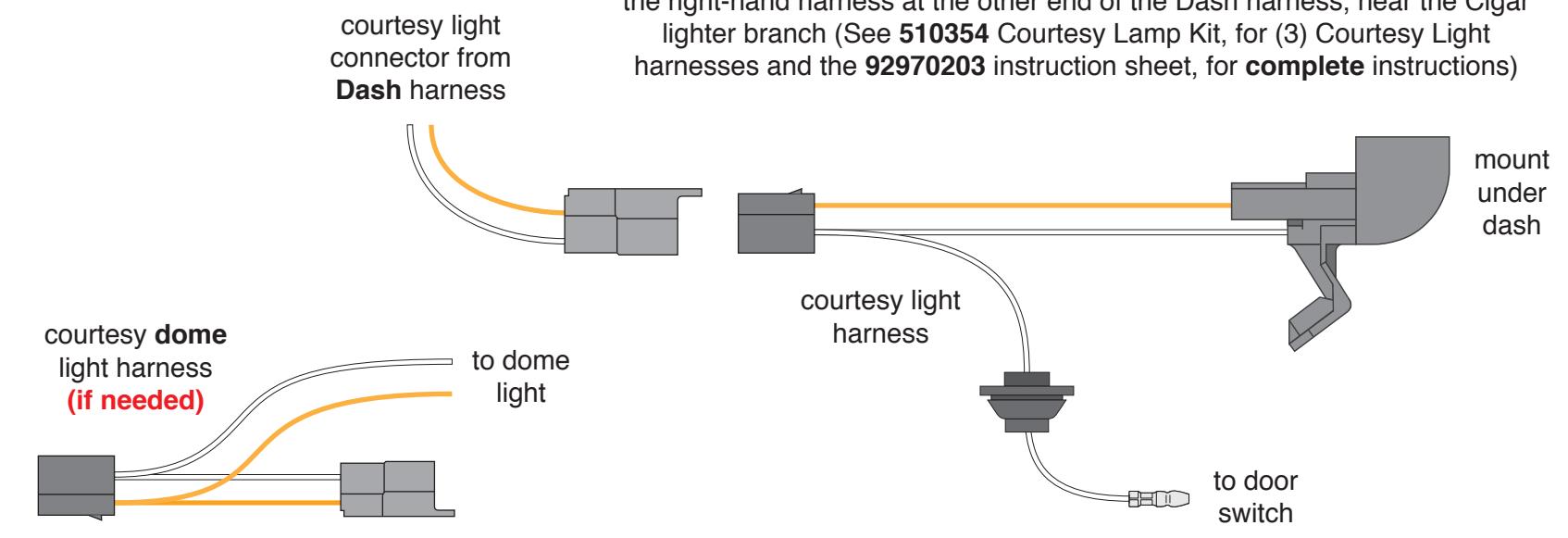


1983

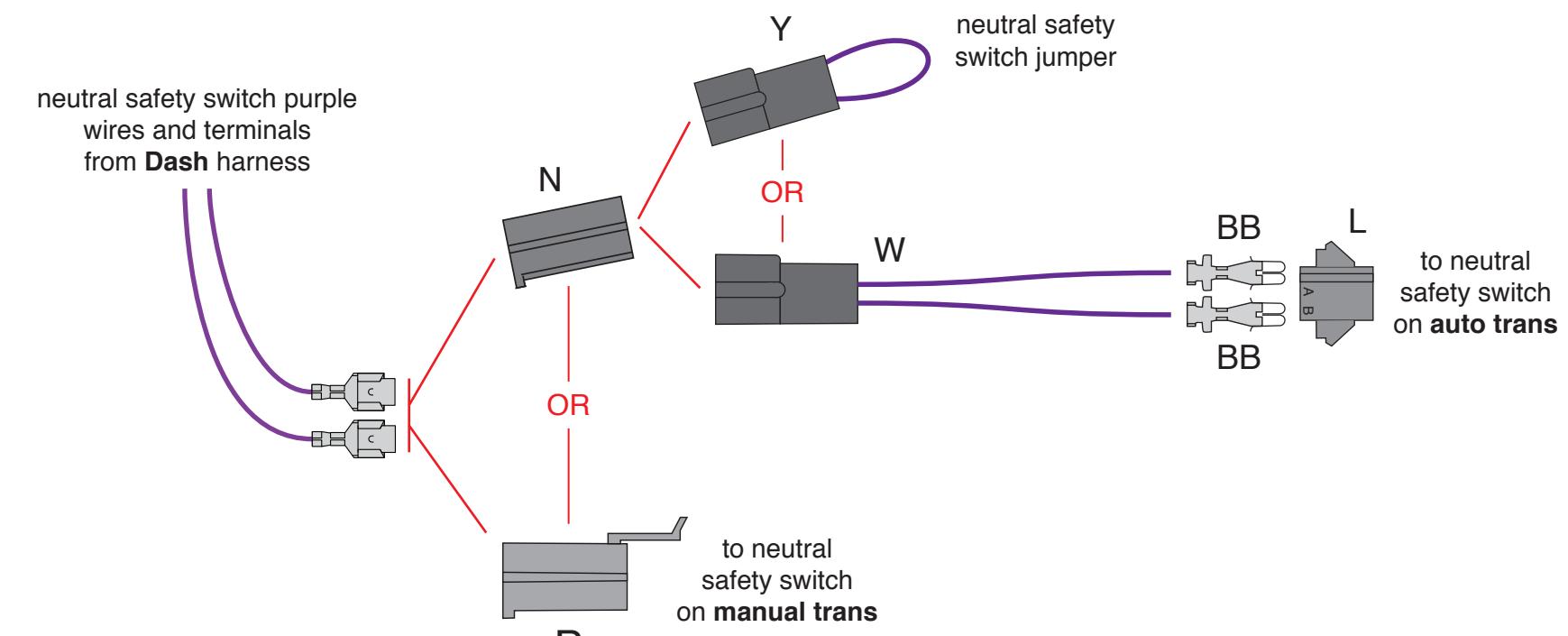
1984-87

Courtesy light wiring (all years):

Connect the (2) courtesy light harnesses (3 harnesses, if you have dome lights) to the courtesy light connectors from the Dash harness: the left-hand harness at the same branch as the Parking Brake switch and Horn relay connector and the right-hand harness at the other end of the Dash harness, near the Cigar lighter branch (See **510354** Courtesy Lamp Kit, for (3) Courtesy Light harnesses and the **92970203** instruction sheet, for **complete** instructions)



Neutral Safety switch wiring (all years):



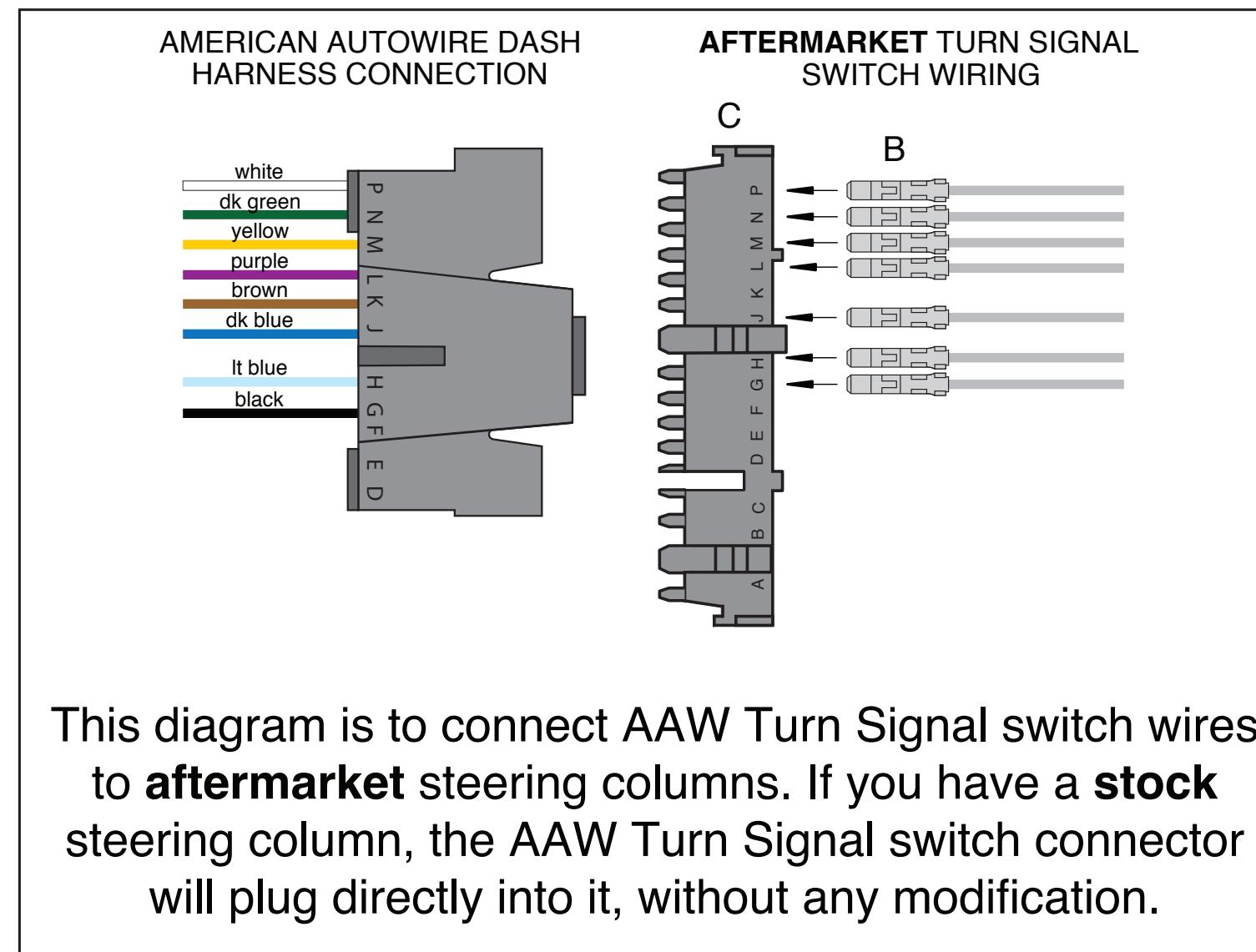
1983-87 Chevrolet Truck

Classic Update Series

510706

92971982 Rev 0.0 1/23/2018

Dash/Main harness installation instructions:



“Table B”

AAW Turn Signal switch wires to **aftermarket**
1983-87 Chevrolet Truck Turn Signal switch

AAW Wire Color	AAW Wire Printing	Connector Cavity AAW
White	Brake SW	P
Dark Green	Right Rear Turn	N
Yellow	Left Rear Turn	M
Purple	Turn Switch Feed	L
Brown	Turn SW – Hazard	K
Dark Blue	Right Front Turn	J
Light Blue	Left Front Turn	H
Black	Horn Relay Ground	G
None	None	F
None	None	E
None	None	D

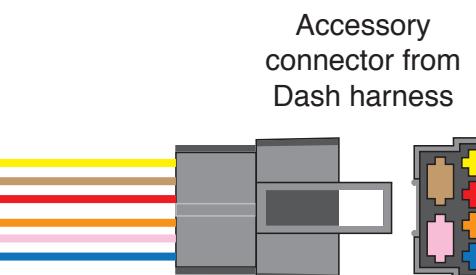
Remove the **aftermarket** Turn Signal switch Connector and replace it with the AAW 14-way connector “C”. Crimp on terminal “B” to each of the original Turn Signal switch wires and plug them into connector “C” (see Parts Kit **92971987**).

Use “Table B” above to align the wires. Also, for all of the vehicles, the Steering Column Horn Button switches ground for the Horn Relay, which then switches power to the Horns, similar to the AAW design.

Accessory Connector

Use the provided 6-way empty connector, which is attached to the 6-way Accessory connector on the Dash Harness, and terminals “A” and “E” to add power wires (**not included in kit**) for the following optional systems:

Wire Color	Fuse Block Marking	Fuse rating	Description
Tan	ACCY 1	30A	Fused 12 volt ACCESSORY feed.
Dk Blue	FUEL	15A	Fused 12 volt IGNITION feed can be used for fuel pump.
Orange	BAT 1	20A	Fused 12 volt BATTERY feed.
Pink	IGN 1	20A	Fused 12 volt IGNITION feed.
Red	BAT 2	30A	Fused 12 volt BATTERY feed.
Yellow	PWR WDO	30A	Fused 12 volt ACCESSORY feed can be used for power windows.

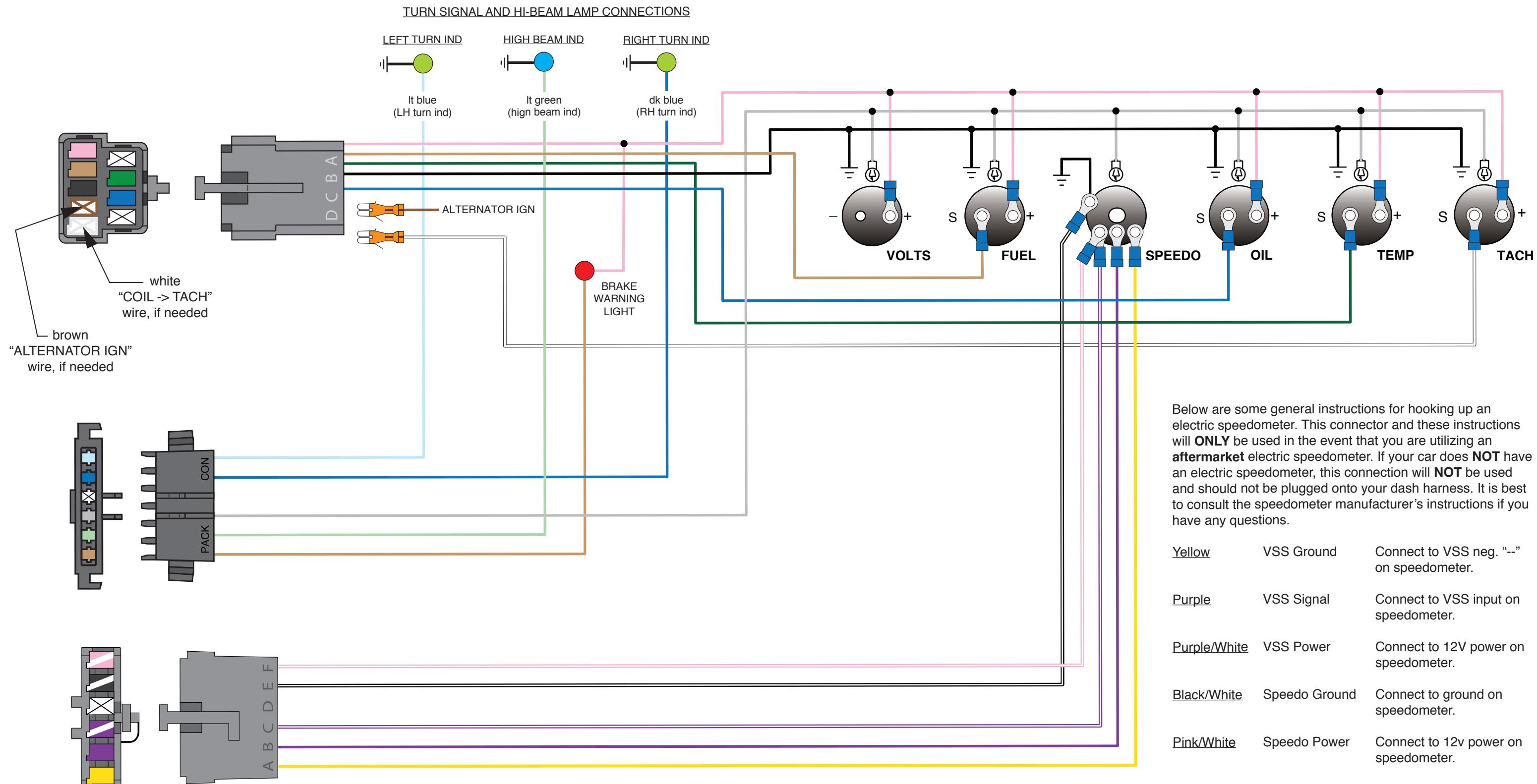


6-way empty connector (removed from Dash harness connector) and terminals, used to connect your power wires (**not included in kit**) to the dash harness



1983-87 Chevrolet Truck
Classic Update Series
510706

Instrument Cluster harness (aftermarket gauges) installation instructions:

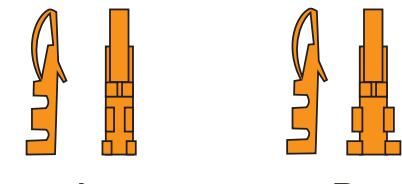
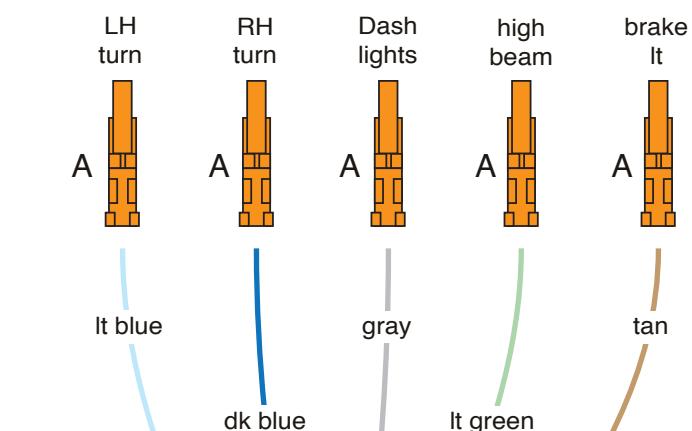
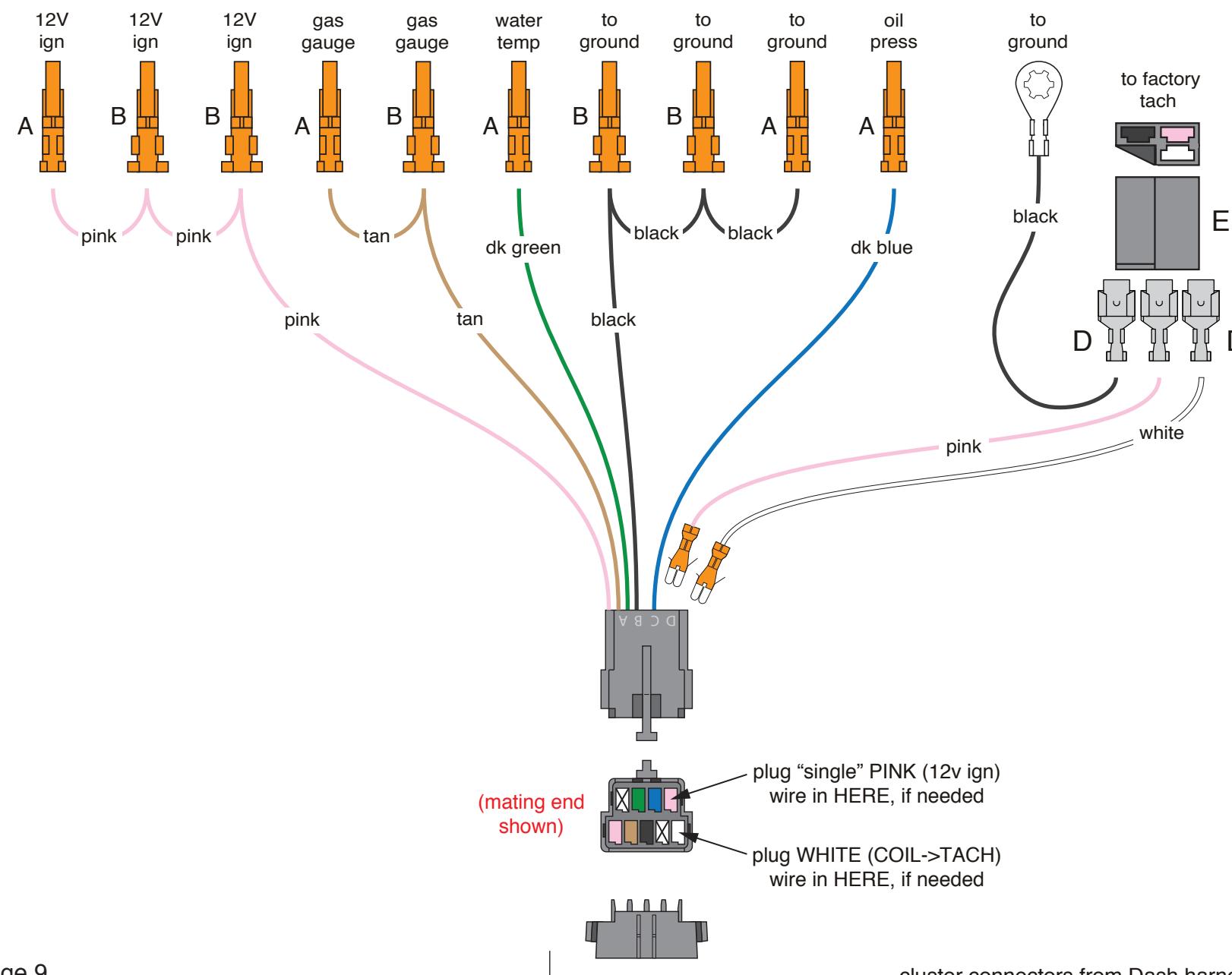
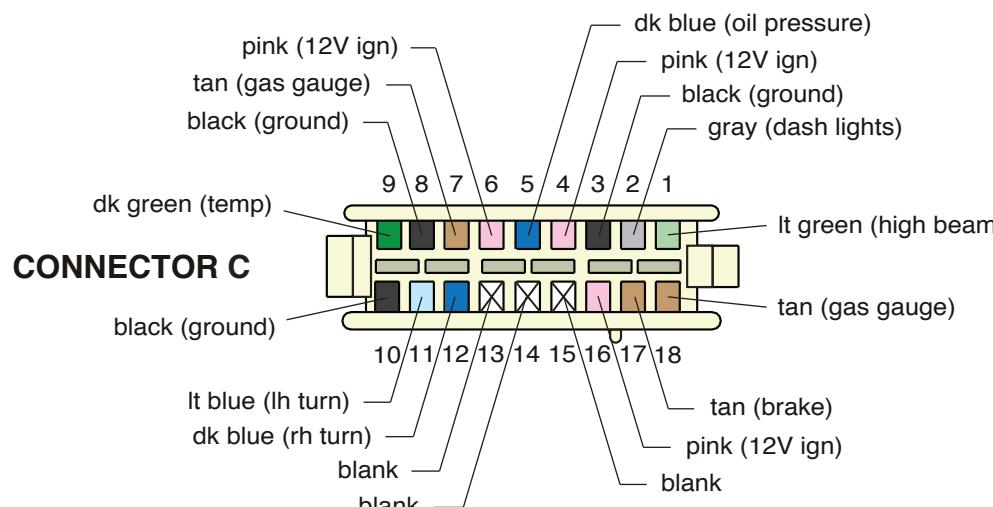


Instrument Cluster harness installation instructions:

Cluster: with factory gauge

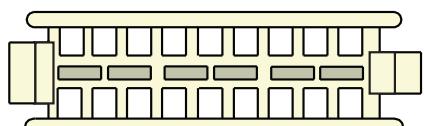


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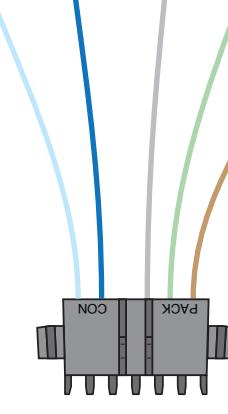


A
(12 pcs)

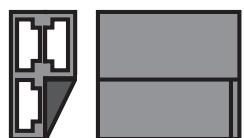
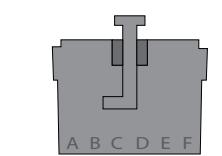
B
(6 pcs)



C
(1 pc)



(mating end
shown)



E
(1 pc)

1983-87 Chevrolet Truck Classic Update Series

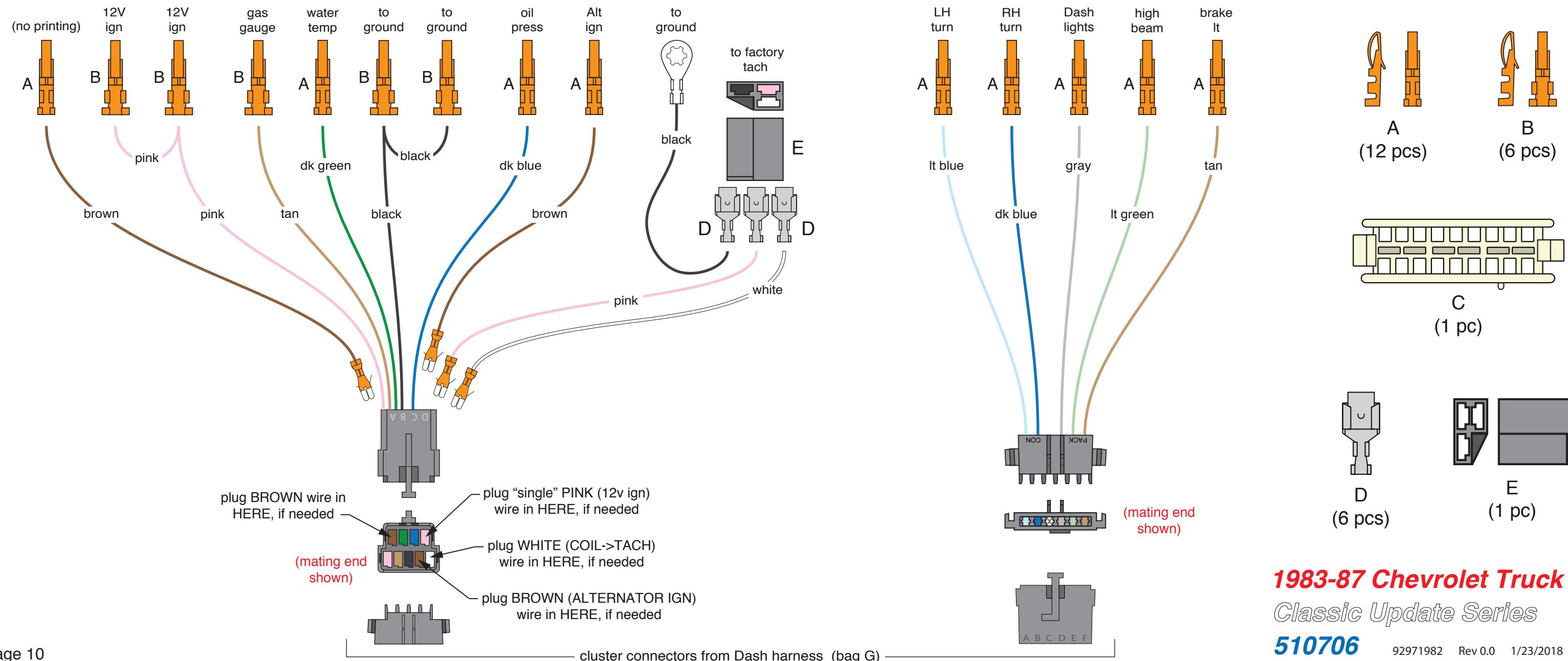
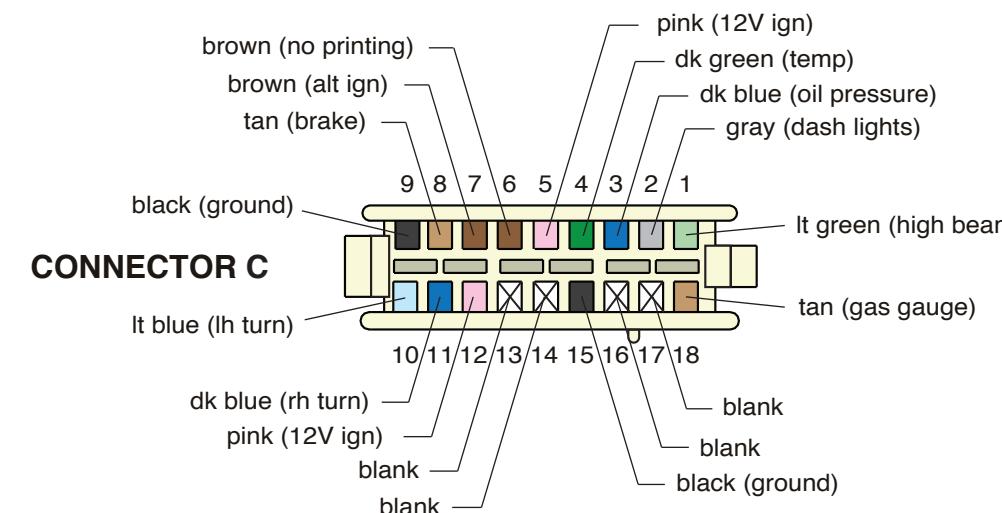
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Instrument Cluster harness installation instructions

Cluster: with warning lights



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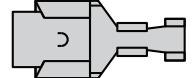
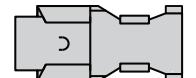
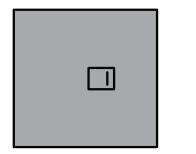
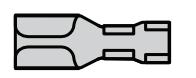
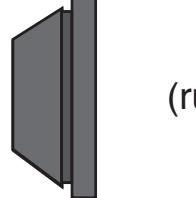
1983-87 Chevrolet Truck Classic Update Series F10700

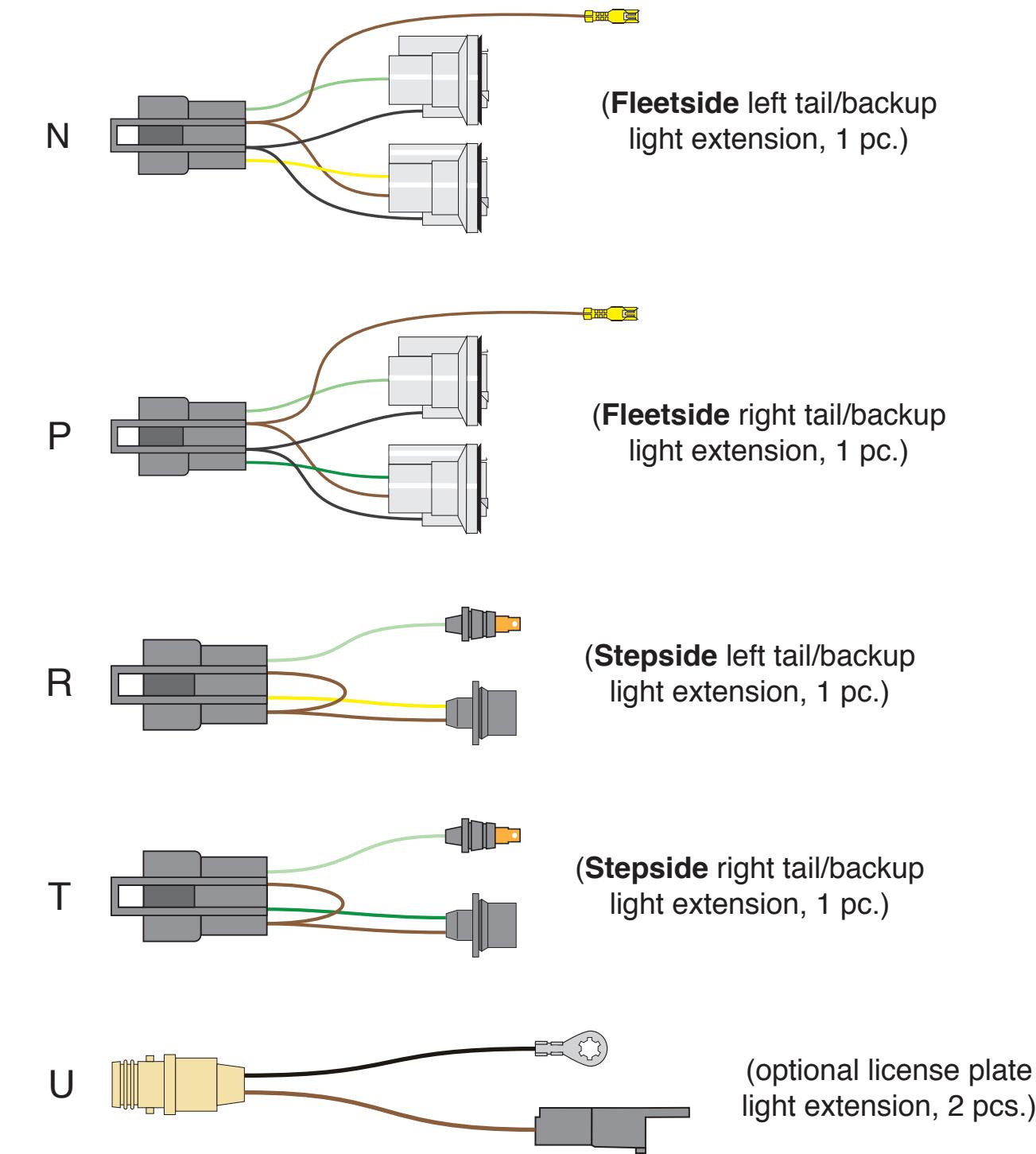
510706

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Rear Body harness installation instructions:

Shown below, are the supplied misc. terminals, plastic connector bodies, boots and wire extensions that will be used to complete your Rear Body harness connections. They are itemized and referred to on this page, just as they are on the following pages of this Rear Body instruction set.

- A  (56 series single female terminal, 6 pcs.)
- B  (56 series double female terminal, 7 pcs.)
- C  (56 series 4-way female conn, 2 pcs.)
- D  (56 series single female conn, 3 pcs.)
- E  (female pin sleeve, 1 pc.)
- F  (single female terminal, 2 pcs.)
- G  (rubber grommet, 1 pc.)
- H  (12V Battery - Fused, 1 pc.)
- J  (Third Brake Light, 1 pc.)
- K  (side-marker extension, 2 pcs.)
- L  (fuel gauge extension, 1 pc.)
- M  (side-marker assembly, 2 pcs.)



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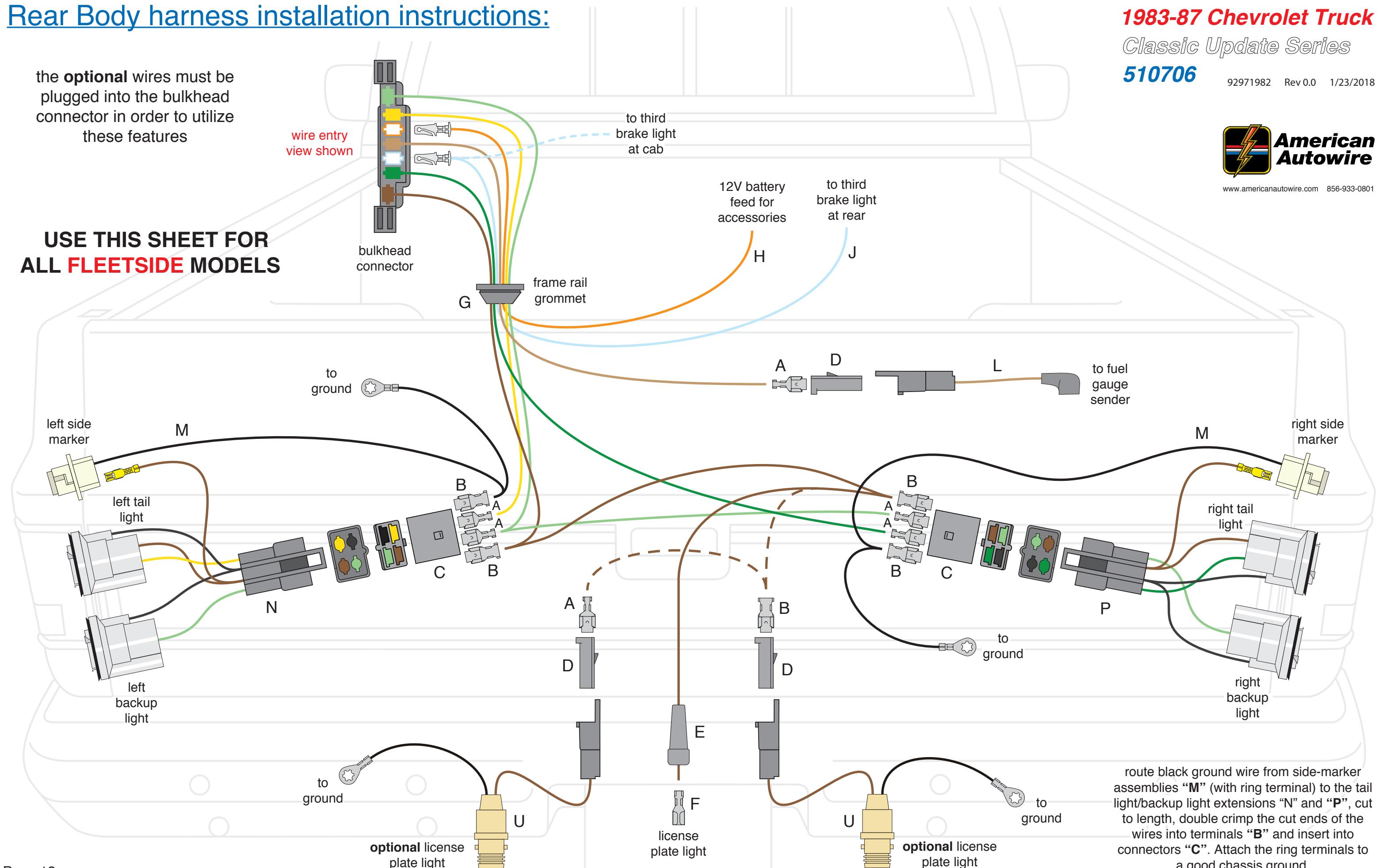
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**1983-87 Chevrolet Truck
Classic Update Series**
510706 92971982 Rev 0.0 1/23/2018

Rear Body harness installation instructions:

the **optional** wires must be plugged into the bulkhead connector in order to utilize these features

USE THIS SHEET FOR ALL FLEETSIDE MODELS



1983-87 Chevrolet Truck

Classic Update Series

510706

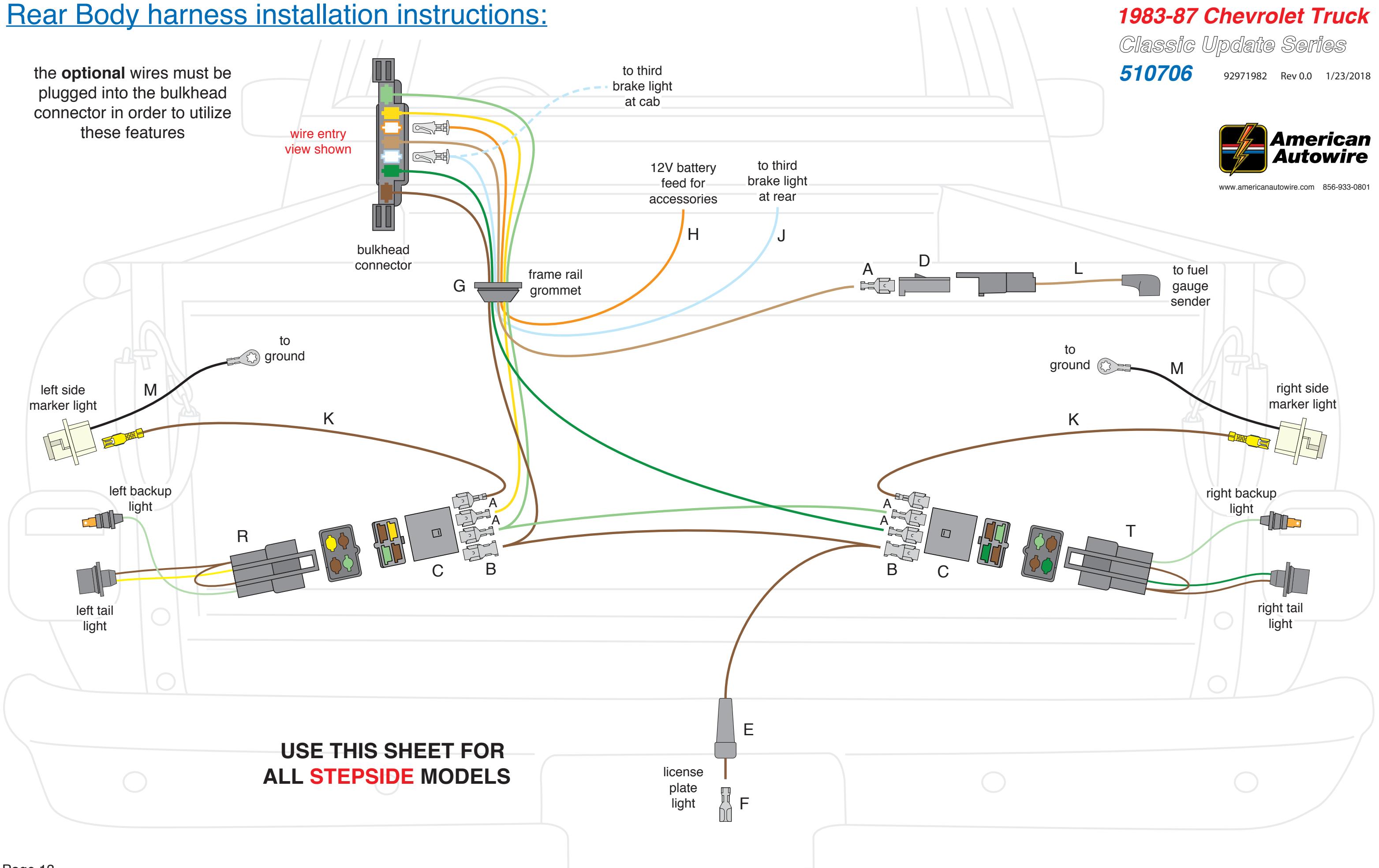
92971982 Rev 0.0 1/23/2018



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Rear Body harness installation instructions:

the optional wires must be plugged into the bulkhead connector in order to utilize these features

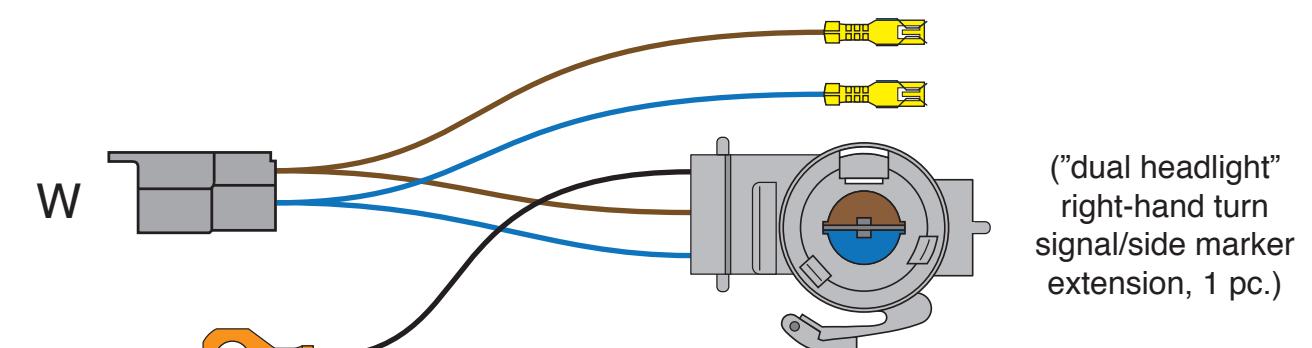
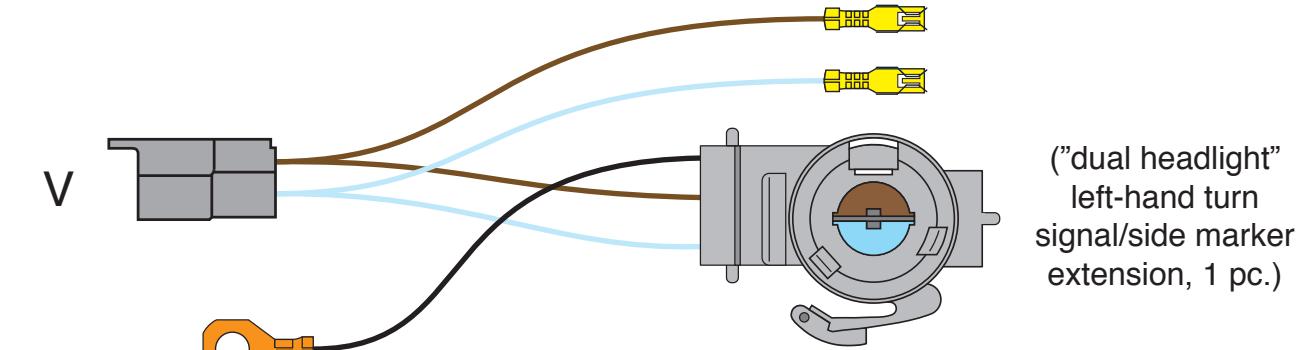
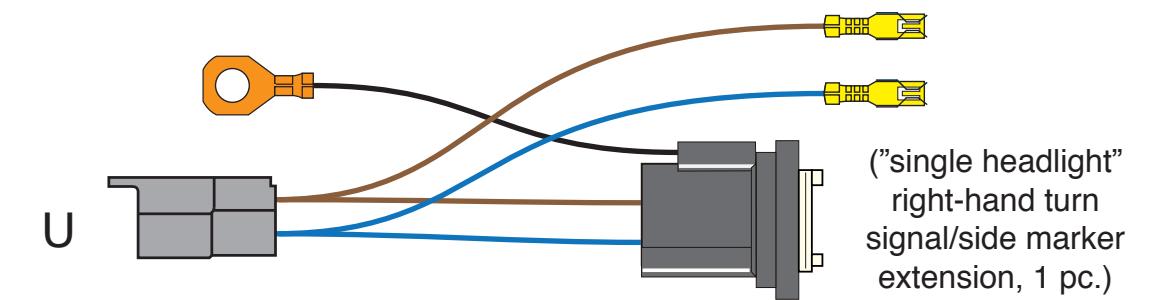
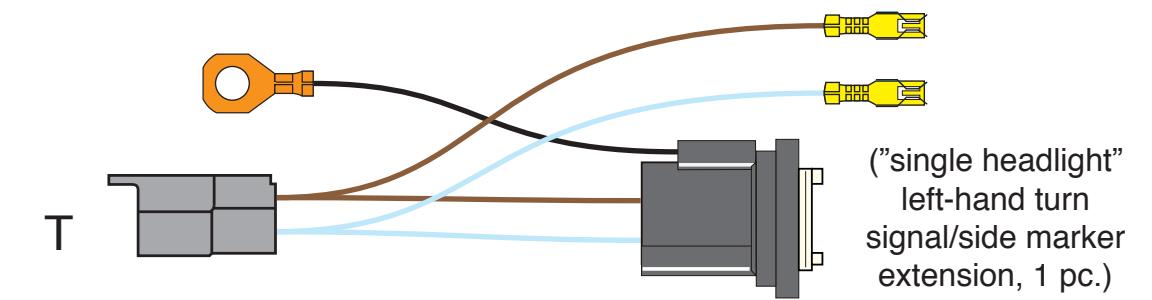
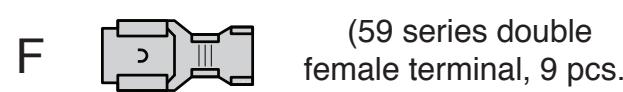
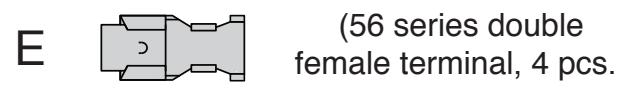
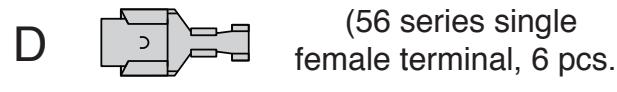
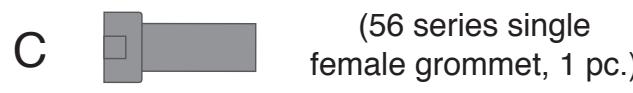
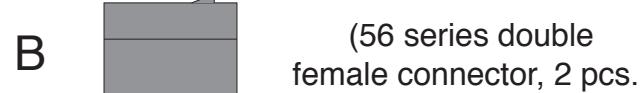


Front Light harness installation instructions:

Shown below, are the supplied misc. terminals, plastic connector bodies and extensions that will be used to complete your Front Light harness connections. They are itemized and referred to on this page, just as they are on the following pages of this Front Light instruction set.



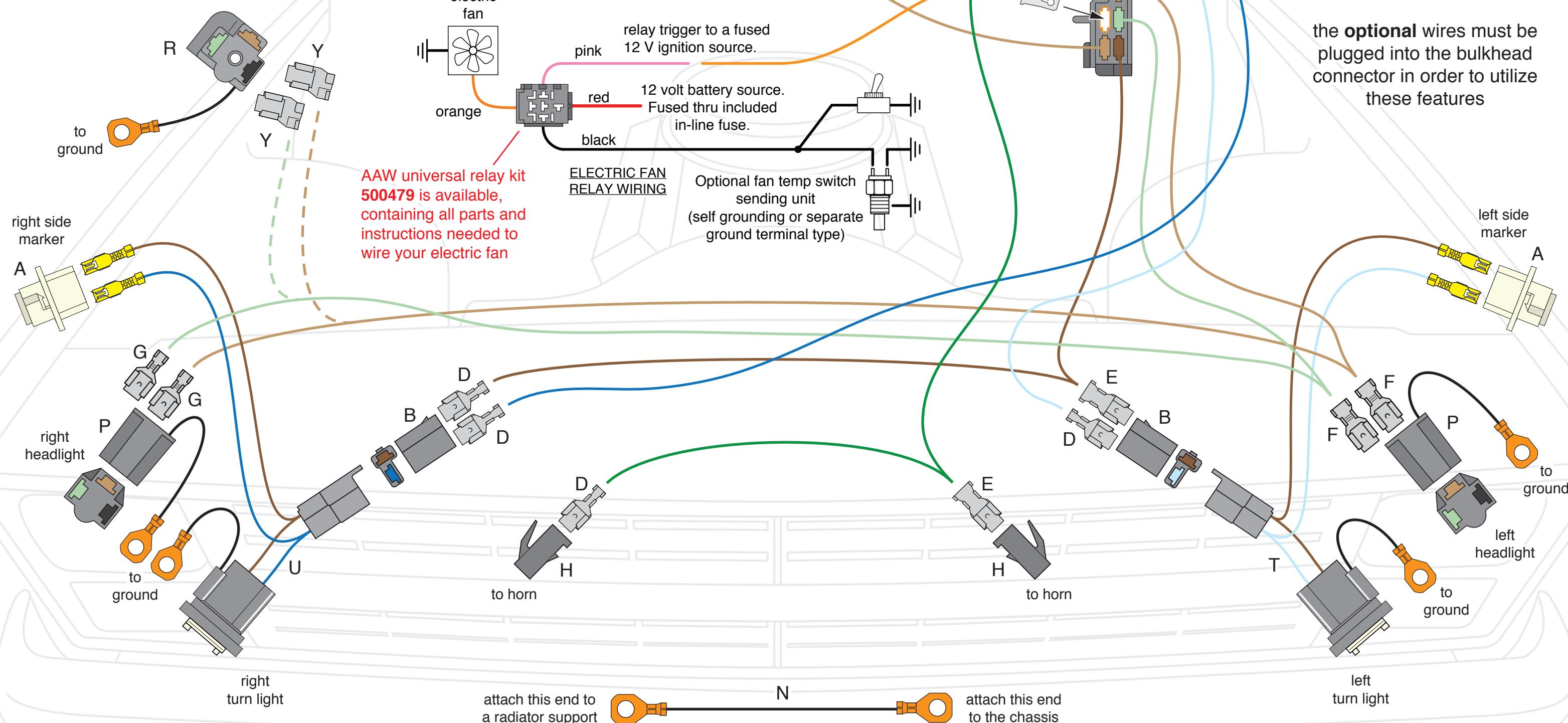
1983-87 Chevrolet Truck
Classic Update Series
510706 92971982 Rev 0.0 1/23/2018



Front Light harness installation instructions:

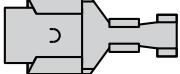
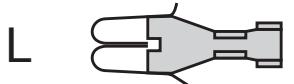
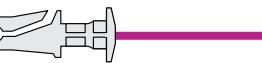
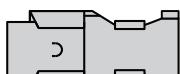
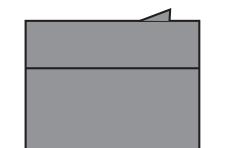
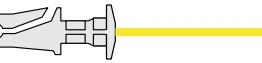
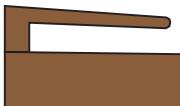
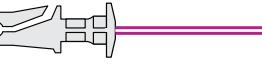
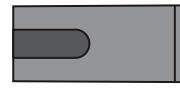
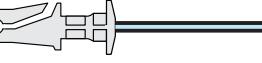
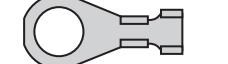
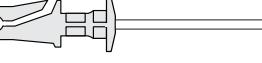
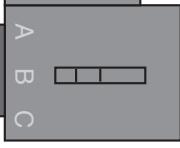
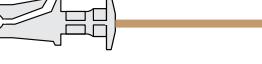
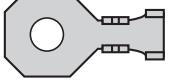
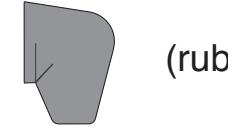
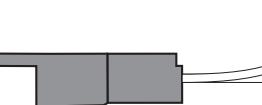
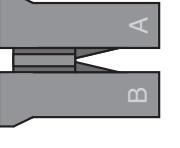
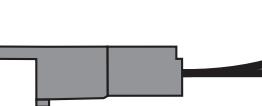
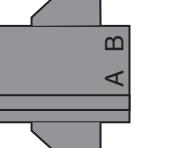
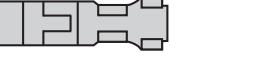
Single headlight:

if your battery is located close to the back of the headlight terminals, use Right-angle Headlight Extension "R" and terminals "Y", in place of Headlight Extension "P" and terminals "G", to connect to headlight. After crimping terminals "Y", add solder to the crimp connections



Engine harness installation instructions:

Shown below, are the supplied misc. terminals, sleeves, plastic connector bodies and wires, that will be used to complete your Engine harness connections. They are itemized and referred to on this page, just as they are on the following pages of this Engine instruction set.

A		(56 series single female terminal, 11 pcs.)	L		(Pack-con female terminal, 2 pcs.)	DD		(Vehicle Speed Sensor signal wire, 1 pc.)
B		(56 series double female terminal, 3 pcs.)	M		(56 series double female connector, 1 pc.)	EE		(Vehicle Speed Sensor ground wire, 1 pc.)
C		(56 series single female connector, 1 pc.)	P		(small ring terminal for larger gauge wire, 2 pcs.)	FF		(Vehicle Speed Sensor power wire, 1 pc.)
D		(56 series single female connector, 2 pcs.)	R		(small rubber sleeve, 2 pcs.)	GG		(wiper motor park switch wire, 1 pc.)
E		(56 series single female connector, 1 pc.)	T		(small ring terminal for smaller gauge wire, 3 pcs.)	HH		(Coil-->Tach wire, 1 pc.)
F		(Pack-con 3-way female connector, 1 pc.)	U		(56 series single female connector, 3 pcs.)	JJ		(electric choke wire, 1 pc.)
G		(large ring terminal, 2 pcs.)	W		(rubber boot, 1 pc.)	KK		(alternator ign wire, 1 pc.)
H		(large rubber sleeve, 1 pc.)	Y		(Pack-con female terminal, 4 pcs.)	LL		(wiper feed extension, 1 pc.)
J		(Pack-con double female connector, 1 pc.)	AA		(GM "SI" alternator exciter wiring, 1 pc.)	MM		(wiper low-speed extension, 1 pc.)
K		(Pack-con double female connector, 1 pc.)	BB		(alternator feed wiring, 1 pc.)	NN		(Pack-con male terminal, 2 pcs.)
			CC		(main power feed fusible link, 1 pc.)	PP		(Pack-con single female connector, 1 pc.)
						RR		(Pack-con single male connector, 1 pc.)



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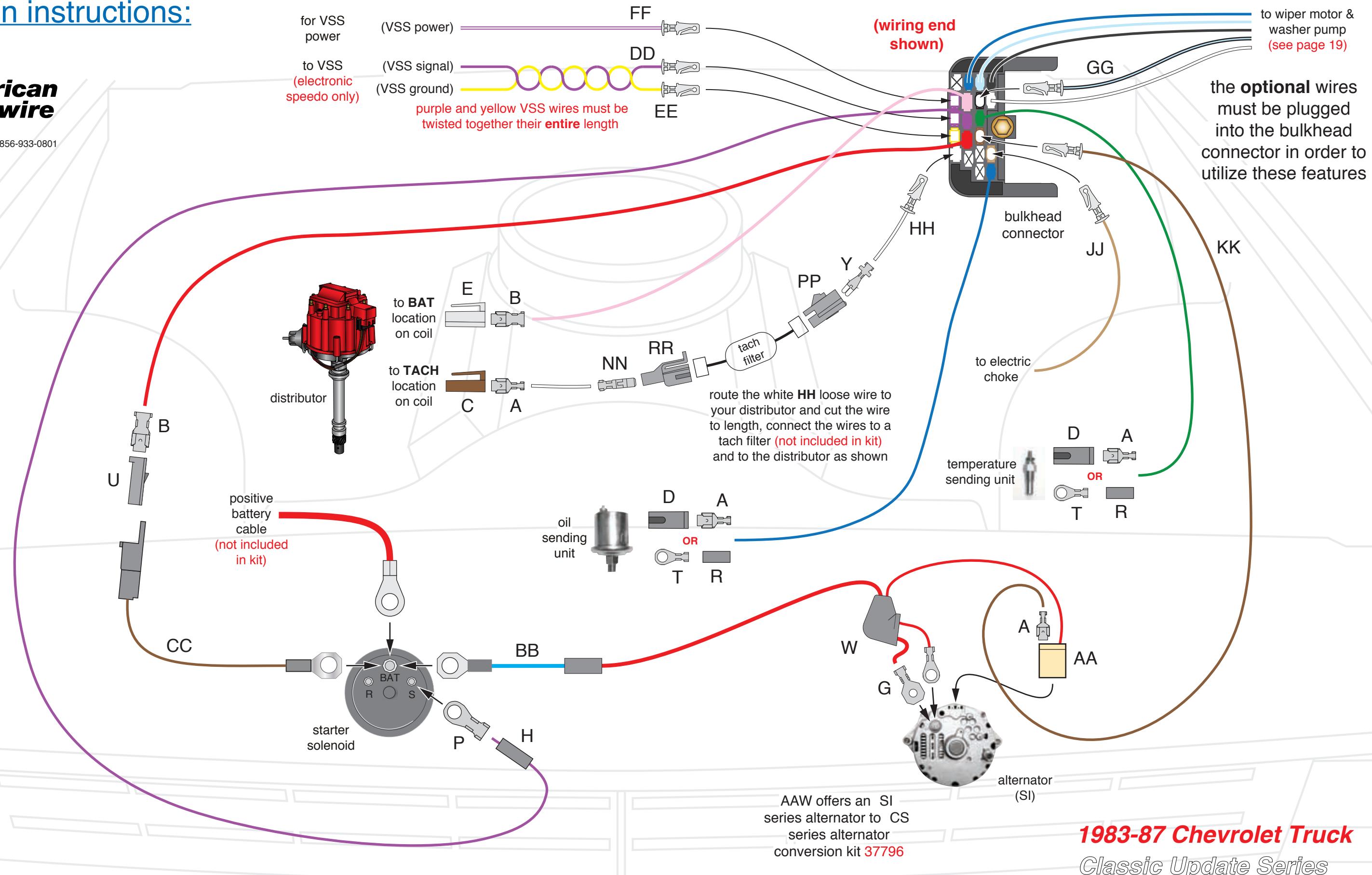
1983-87 Chevrolet Truck
Classic Update Series
510706

92971982 Rev 0.0 1/23/2018

Engine harness installation instructions:

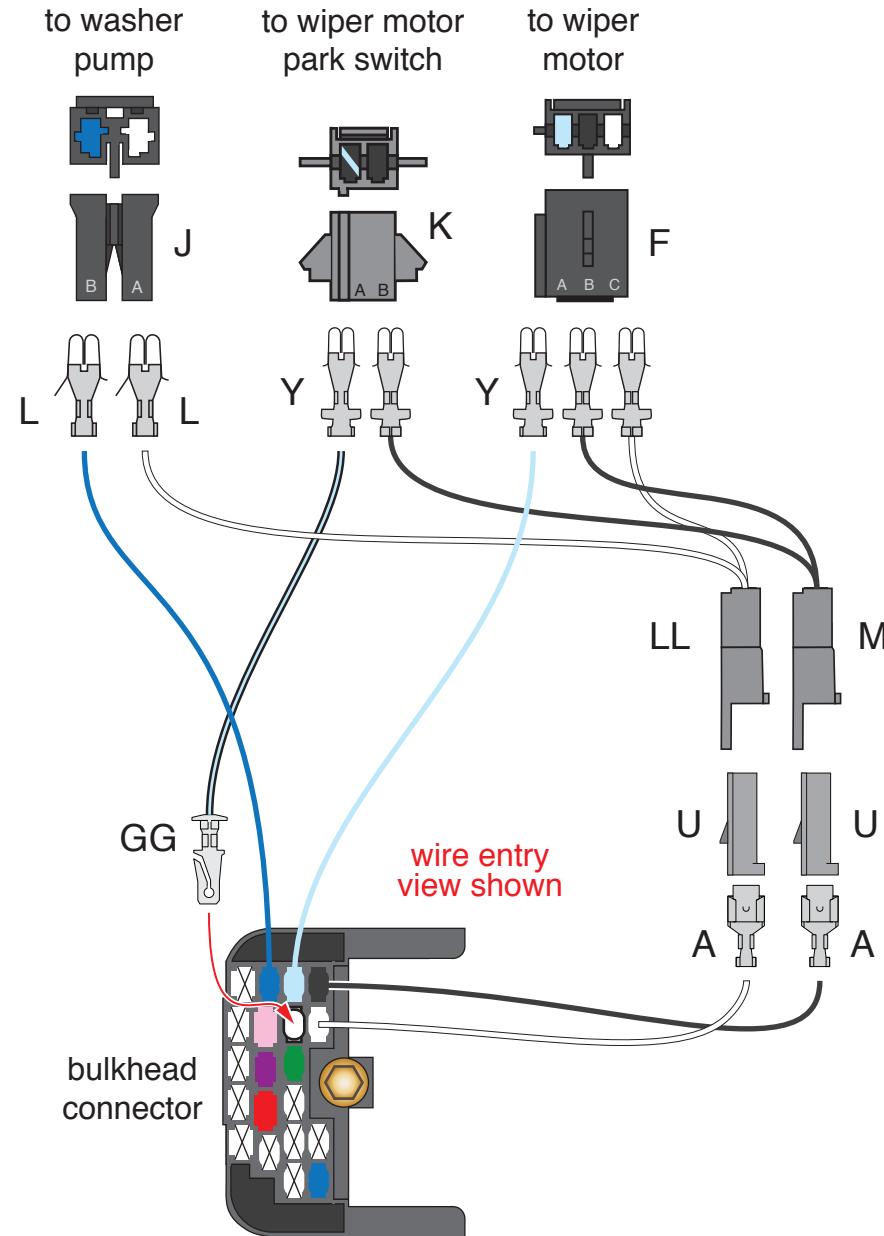


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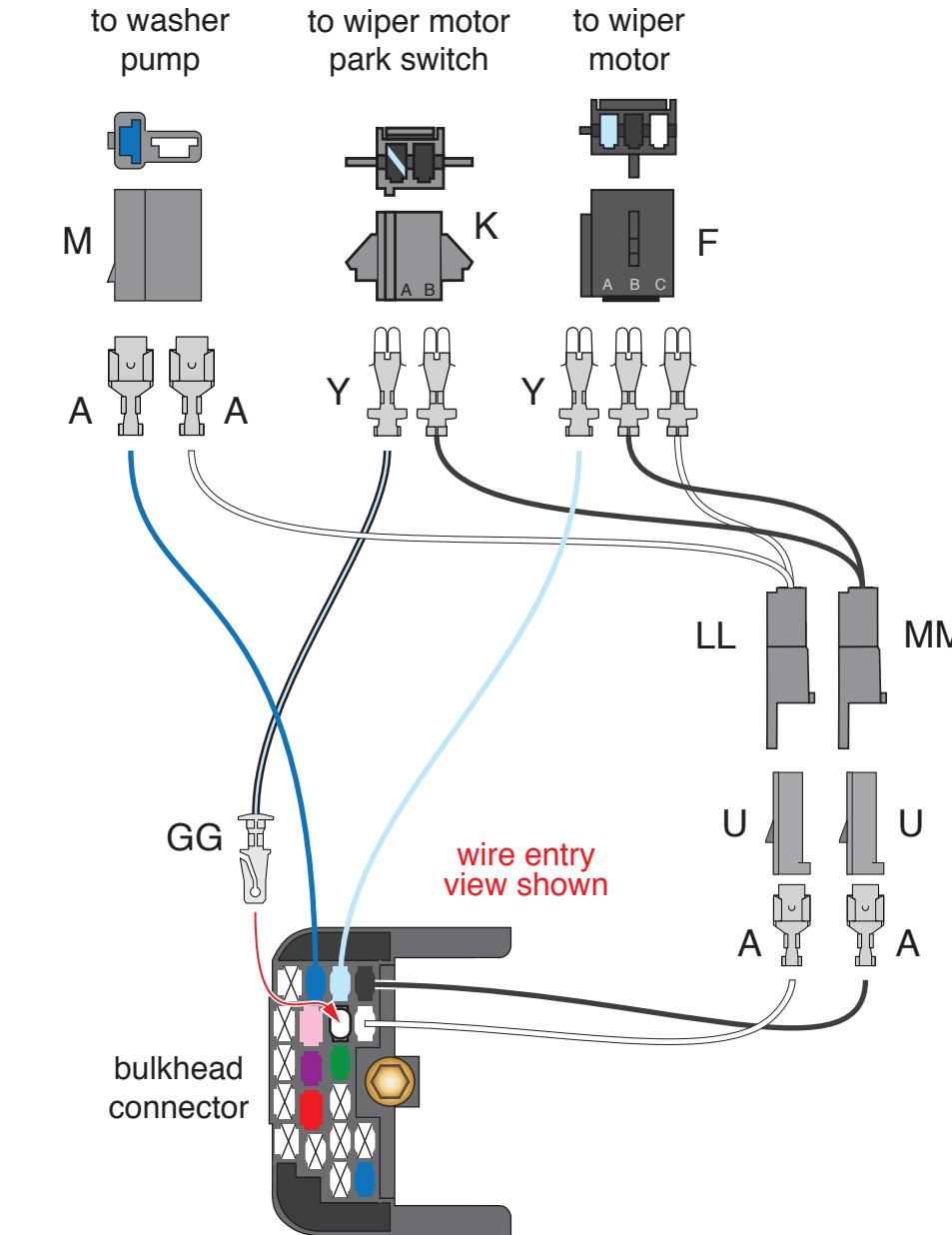


Engine harness installation instructions:

Wiper motor & washer pump wiring:



1983-84



1985-87

the **optional** wires must be
plugged into the bulkhead
connector in order to utilize
these features



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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.
- B. Battery is grounded to the frame.
- C. Engine block is grounded to the frame.
- 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.

If you have any questions concerning this or any of our products, please feel free to call us at 1-856-933-0801.

