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 explained on it prior to opening any of the enclosed packages, or before attempting to install any of the components. Once this kit has been opened or a component installed, the kit is not returnable.

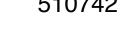
1. This updated American Autowire wiring system WILL NOT SUPPORT any 1987-90 factory Jeep computerized systems (carbureted or fuel injected), and should be used in a MODIFIED application only. It will work with the factory Jeep Dura-Spark (harness 510824 is available at an extra cost), HEI, or other aftermarket ignition and fuel injection systems. This kit will not support the 2.5L 4 cylinder engine in stock form.

2. This kit includes the wiring to support the use of a factory heater system and/or aftermarket heater and A/C systems. This kit does not include the wiring for the factory original A/C system, but will support the use of a factory A/C system.

3. This kit only supports the use of a higher current, self-exciting 1-wire alternator or an internally regulated alternator. Optional adapters may be necessary for certain applications.

4. AAW DOES NOT support the use of an ammeter. This wiring system has been designed to work with all 1987-90 Jeep factory voltmeters.

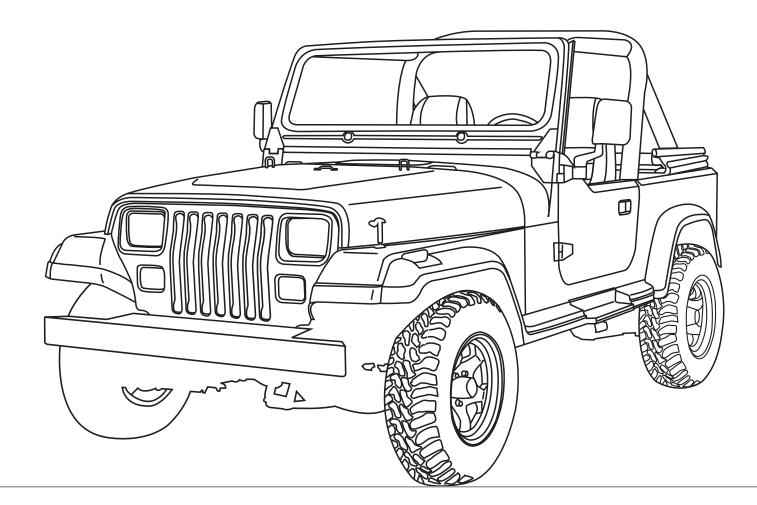
5. This kit IS NOT set up with a resistance wire for a standard type ignition system. It is wired with a full 12-volt primary ignition feed. See pages 27 and 28 for the various Ignition System Wiring configurations.



This kit contains the following components:

	Part		
<u>Bag</u>	<u>Number</u>	Description	<u>Quantity</u>
G	510743	Dash Harness kit	1
Н	510744	Instrument Cluster wiring kit	1
J	510745	Engine Wiring Kit	1
L	510746	Front Light wiring kit	1
Μ	510747	Rear Body Wiring kit	1
	510748	Fuse, Relay, and Flasher kit	1
	510476	Alternator and Main Power Conn. kit	1
	510730	VSS Lead Wires	1
	500919	Practice Terminal Crimping set	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.





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510742 - Classic Update Series Kit 1987-90 Jeep YJ



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START HERE !

We carry many accessories for your 1987-90 Jeep YJ:

PLEASE READ THIS BEFORE STARTING INSTALLATION !

This wiring kit is designed for ease of installation. Please read the guidelines below BEFORE STARTING installation to guarantee a successful job. Use an appropriate crimping tool, which 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



p/n 510585

OEM small gauge terminal crimping tool



p/n 510587 Includes Both terminal crimping tools



p/n 510807 1990 Optional Jeep YJ **Rear Wiper Harness**

p/n 510797 87-90 Optional Jeep YJ **Rear Defroster Harness**

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.

p/n 510586

OEM large gauge terminal and double small gauge terminal crimping tool





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

Page 2

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p/n 10014885 87-90 Optional Rear Defroster Relav/Timer



p/n 510824 87-90 Optional Jeep YJ **Duraspark Harness**

wire core

proper crimp of terminal

p/n 510609

OEM sealed connector crimping tool (18-12 gauge)





Table	of Conte	ents:		
Bags:	Pages:	Sections:		
	4-5	Fuse, Circuit Breaker, Relay and Flasher	(510748) Placement, and Fuseblock/	Bulkhead installation
G	6-14	Dash Harness (510743) (Installation) – The with the unit out of the vehicle, or routed beh		
		Accessory Power Feed connector Park Brake Switch Rear Body Harness LH & RH Door Jamb Switches Horn Relay Fog Lamp Relays Headlamp Dimmer Switch Headlight Switch LH and RH Indicator Light I/P Dimmer Switch	LH and RH Courtesy Lights Tachometer Grounds Wiper Switch Wiper Motor Ignition Switch Turn Signal Switch Stop Light Switch Various Dash Illumination Lights Heater Panel Light	Heater Switch On/O Cigar Lighter Original A/C Harne Fog Lamp Switch Dash Light Candela Instrument Cluster Heater/Blower Moto Radio Electric Speedomet
н	15-16	<u>Gauge Cluster Harness (510744)</u> – This ha	arness is assembled by the customer ar	nd connects to:
		Printed Circuit Board (PCB)	Dash Harness	
	17	Aftermarket Gauges:		
		All gauges (Volts, Fuel, Speedo, Oil, Temp, Tach)		
J	18-28	Engine Harness (510745) – This harness co	onnects to the Dash harness and the:	
		4wd Switch Neutral Safety and Back Up Switches The Assembled Mega Fuses A/C Compressor and Low Pressure Switch	Power Accessory (Lead Wire) Starter Relay/Solenoid Ignition System Electric Choke	Tachometer Signal Oil Pressure and Engine Temperature Blower Motor
L	29-32	Front Light Harness (510746) - This harnes	ss connects to the Dash harness and th	ne:
		LH & RH Headlights LH & RH Parking/Turn Lamps Brake Warning Switch	LH & RH Side Markers Washer Pump/Reservoir Electric Fan Trigger Feed	Fog Lamps Horns Provides an In-Line Courtesy Lamp D
М	33-37	Rear Body Harness (510747) – Interior and	exterior connections. This harness cor	nnects to the Dash harness and the:
		Original Hardtop Harness Dome Light Wires Tail Light Extensions (Stop, Tail and Back Up) Original Hardtop Harness Rear Defroster Wires	Fuel Tank Sender, Pump and Ground Lea Third Brake Light	ads and Extensions
				American Autowire

to the dash frame assembly

n/Off Micro Switch

ness (with modifications)

elabra (optional lamp use)

er Harness

otor Switch

otor Resistor

neter Extension and Ground

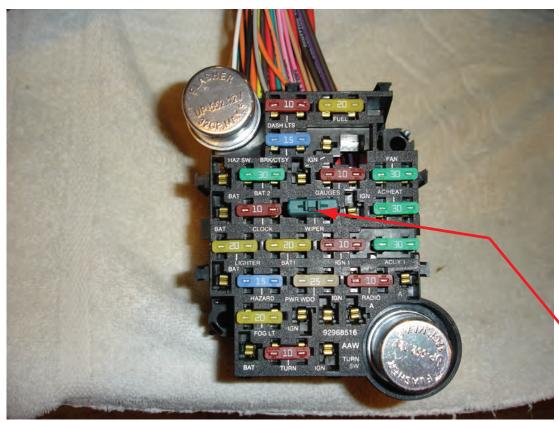
ire Senders

Disconnect Feature

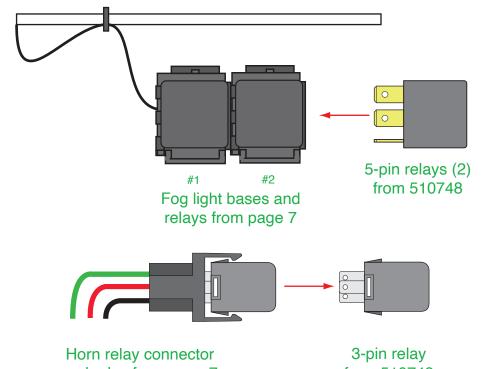


Fuse Block and Bulkhead installation instructions:

NOTE: Prior to installing the Dash harness into the vehicle, obtain the Fuse, Flasher, and Relay Kit, 510748, and plug all of the fuses, wiper circuit breaker and flashers into the Fuse Block (see below). Also, plug the Horn Relay and Fog Lamp Relays into the relay bases (see page 7) on the dash harness.



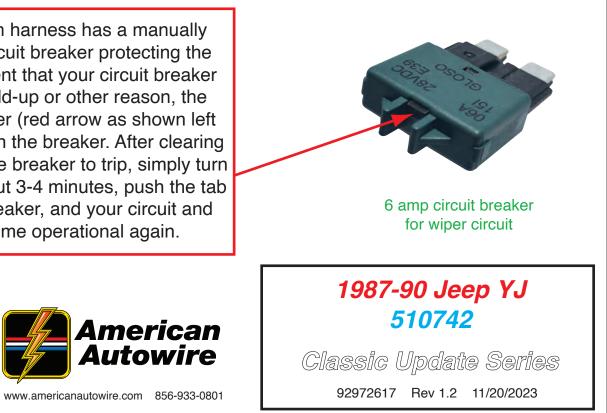
Assembled fuse block with fuses, flashers and circuit breaker installed.



Fuse usage details. NOTE: Head lights are protected by the H/L switch internal 25A breaker

	-		• •
Fuse #	Fuse Block Printing	Fuse Rating	
1	DASH LTS	10A	Cluster lights, Tac Fog Light Switch I Rear Defogger Illu Heater Control Pa
2	FUEL	20A	Electric fuel pump
3	BRK/CTSY	15A	Stop and third brak hood light, Fog Lig
4	BAT 2	30A	B+ feed to rear wir
5	GAUGES	10A	Gauges (Temp, Fu 4x4 Light, Back-u
6	FAN	30A	Electric fan
7	CLOCK	10A	Battery feed for clo
8	WIPER	6A CB	Wiper motor, Fror
9	AC/HEAT	30A	Heater Micro Swite
10	LIGHTER	20A	Cigar Lighter
11	BAT 1	20A	B+ Feed to the Re
12	IGN 1	10A	Electric choke
13	ACCY 1	30A	Feed for accessor
14	HAZARD	15A	Hazard lights
15	PWR WDO	25A	Rear Wiper Motor Rear Window Was Ignition Feed for o
16	RADIO	10A	Accessory feed "C
17	FOG LT	20A	Fog lamp feed
18	TURN	10A	Turn signal

NOTE: Your new dash harness has a manually re-settable, 6 amp, circuit breaker protecting the wiper circuit. In the event that your circuit breaker trips due to an ice build-up or other reason, the black tab on the breaker (red arrow as shown left and right) will pop out on the breaker. After clearing the issue that caused the breaker to trip, simply turn the vehicle off, wait about 3-4 minutes, push the tab back in to reset the breaker, and your circuit and motor should become operational again.



and relay from page 7

from 510748

System Wiring Protected

chometer Lights, Speedometer Lights, PRNDL light, Illumination Light, optional dash lights plugged into candelabra, umination Light, Rear Wiper Switch Illumination Light, anel Light

, Ignition feed for electric speedo (Accy 6-way conn).

ke lights, under dash courtesy lights, dome light (Hard Top), ght Relay Coil, Rear Running Lights, Front Park Lights.

indow defogger module (optional kit)

uel, Oil Pressure and Voltmeter). B+ for options as tachometer up Lights, Brake Warning Light

lock, radio battery feed

nt windshield washer pump (See below for CB details)

tch and Heater Switch

ear Wiper Motor for park and Rear Power Outlet

ry and rear defogger control circuit (Accy 6-way conn).

r for Hard Top (optional kit) sher Pump for Hard Top (option kit) options (Accy 6-way connector)

On-off" for the radio

Fuse Block and Bulkhead installation instructions:

STEP 1: DISCONNECT YOUR BATTERY

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

STEP 2: LOAD THE FUSE BLOCK

Prior to installing the Dash harness to the dash, obtain the Fuse, Flasher, and Relay Kit **510748** and plug all of the fuses, wiper circuit breaker and flashers into the Fuse Block. Also, plug the Horn Relay and Fog Lamp Relays into the Dash harness. (See page 4)

STEP 3: PREPARING TO INSTALL THE DASH HARNESS

The Dash Harness routing will be the same as the original factory Instrument Panel Wiring Harness routing. Be sure to duplicate this routing.

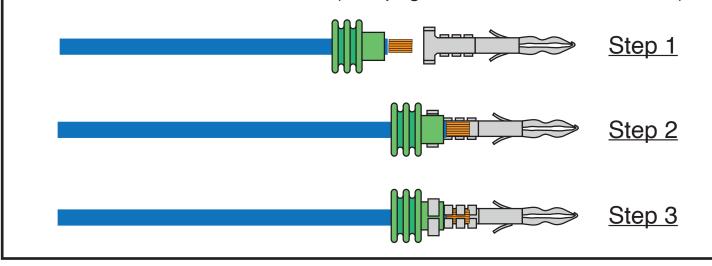
STEP 4: RECLAIM SOME OF YOUR ORIGINAL DASH PANEL ILLUMINATION LAMPS

See pages 10, 11 and 12 for details.

STEP 5: START INSTALLING THE KIT

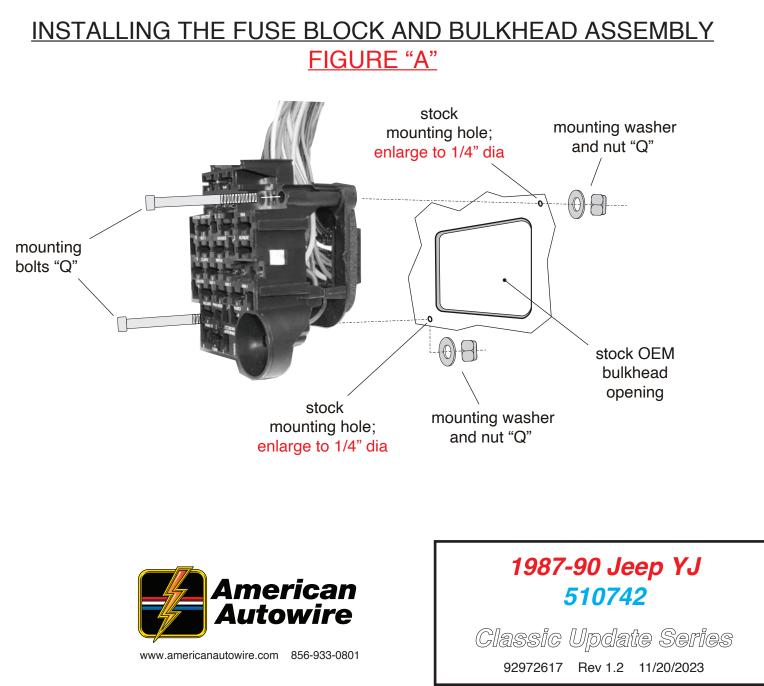
This kit is divided into individual sections that are identified by a letter printed on the sheets enclosed in each bag. The order of installation and the pages with their installation instructions are shown on page 3.

NOTE: There are several weather-proof connectors used in this kit. Below are detailed images of how to assemble and crimp the seals and terminals used in those connectors. Step 1 shows loading seal onto the wire before crimping. Step 2 shows the seal and wire loaded into the terminal with the proper orientation. Step 3 shows what a properly crimped terminal looks like assembled onto the wire and seal (See pages 25, 30 and 35 for details).



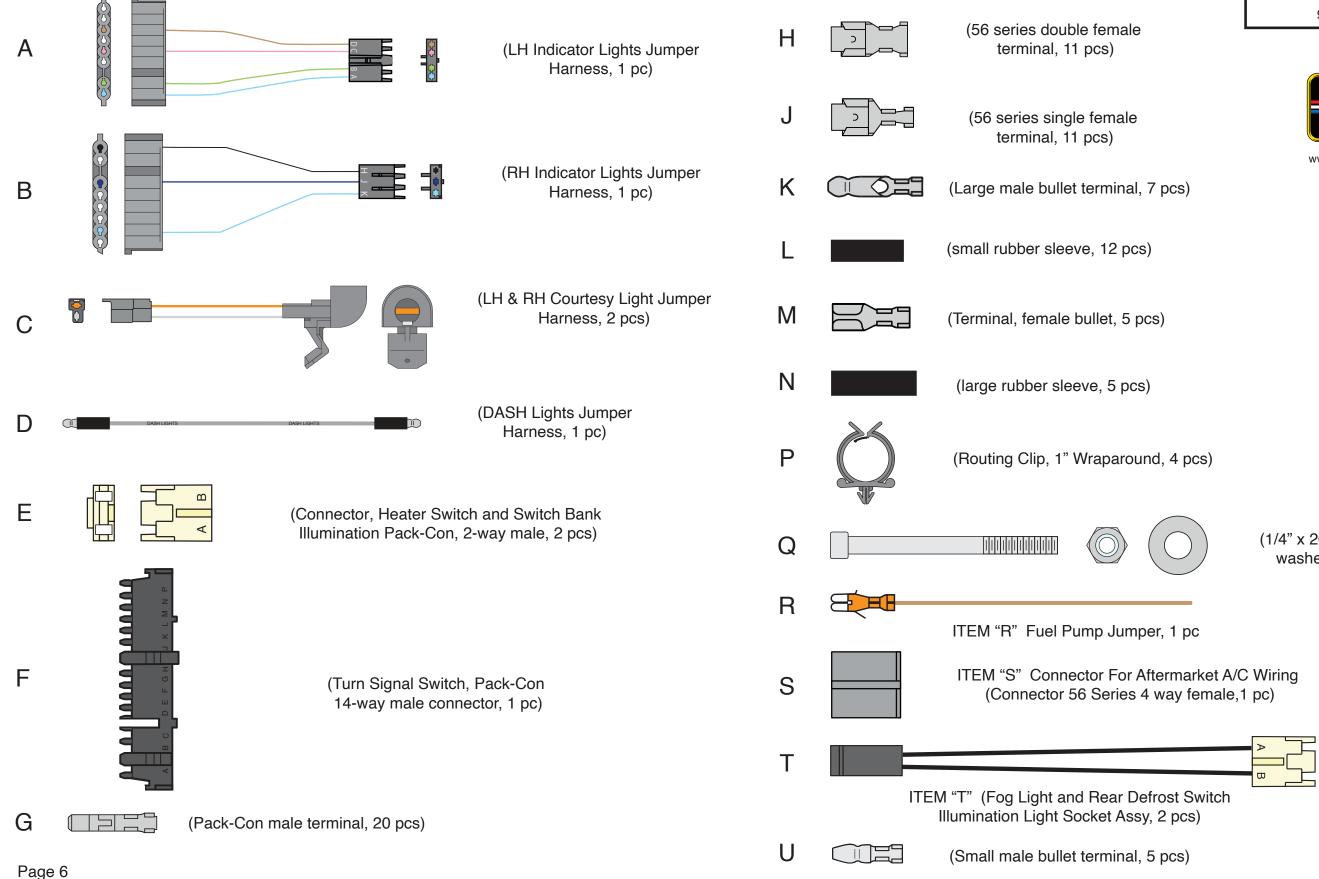
Fuse Block and Bulkhead Attachment

Locate the original factory fuse block/bulkead opening and mounting holes in the upper left hand corner of the firewall. You will have to open up the two mounting holes to allow clearance for the provided 1/4" X 20 X 3" bolts. Drill out the two holes using a 1/4" drill bit. Attach the fuse block and bulkhead assembly to the firewall using the bolts, washers and nuts "Q" found on page 6. (See figure A below for details)





Below are the supplied misc. terminals, connector bodies and assorted components included in the 510743 Dash Harness and Loose Piece bags. These will be used to complete your Dash Harness connections and are referred by the letters and descriptions below from this point forward.



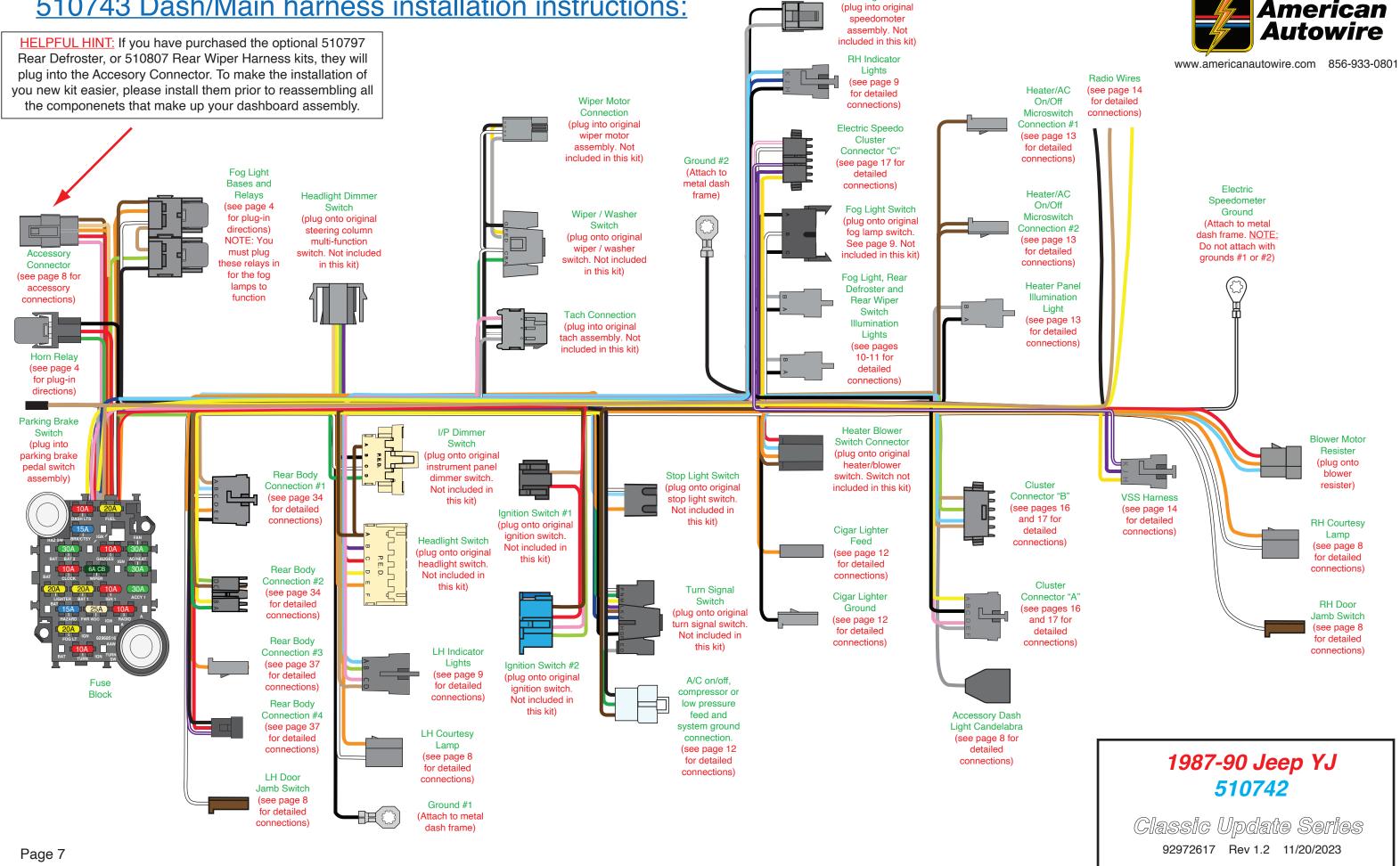


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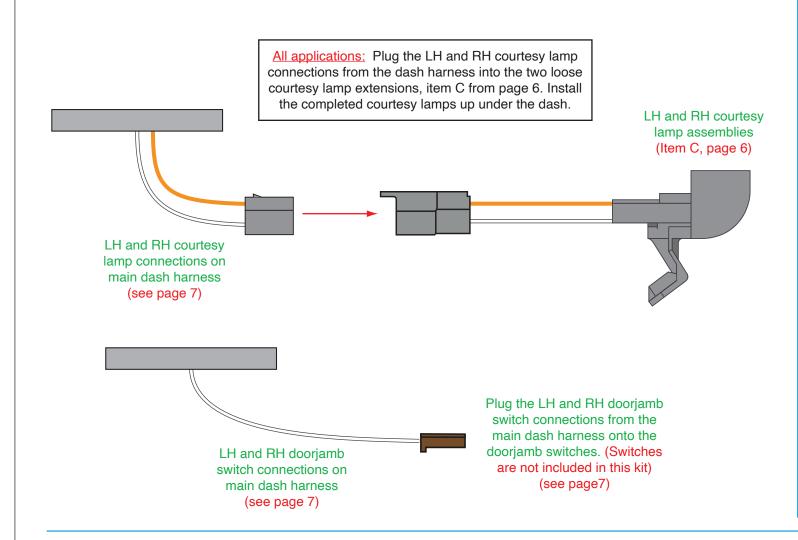
(1/4" x 20 bolt, nut and washer; 2 of each)



Speedo Illumination Lights



Underdash courtesy lamp and doorjamb switch instructions:



Accessory dash light candelabra instructions:

All applications: We have provided an accessory dash light candelabra on the dash harness (see page 7) that can be used to add additional dash illumination lights to things like underdash gauges, radio lamp, etc. We have also provided a dash lights jumper harness (item D from page 6) that you can use to create some wire extensions to your items. Cut the jumper harness D as needed, then splice the other end of jumper D to your item. In the event that the wire leads on your items are already long enough to reach the candelabra, we have also provided loose piece terminals K and sleeves L in the dash loose piece parts kit, 92972622, that can be applied to your wires. Simply slide the sleeve L onto your wire, crimp terminal K onto the wire, then slide sleeve L up over the crimped area of terminal K so that it looks like jumper harness D. Once complete, plug the male bullet terminals directly into the candelabra to complete your accessory lighting circuits. See the illustration at right for details.

HELPFUL HINT: If you have purchased the optional 510797 Rear Defroster, or 510807 Rear Wiper Harness kits, they will plug into this connection. To make the installation of you new kit easier, please install them prior to reassembling all the componenets that make up your dashboard assembly.

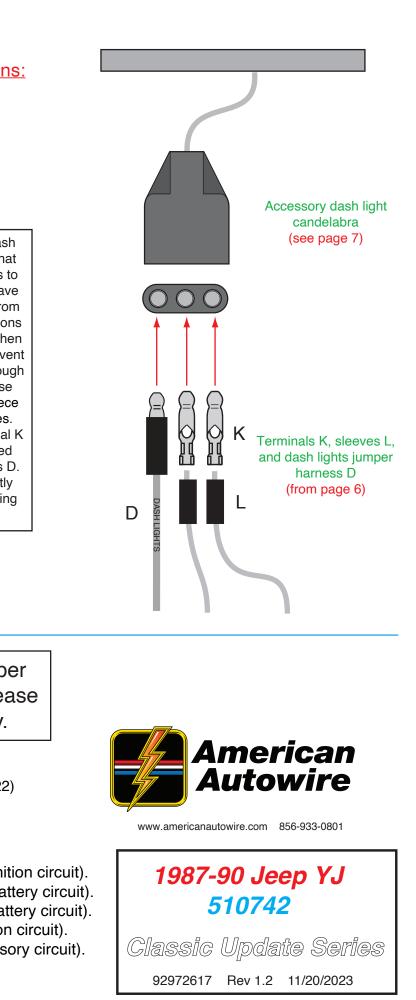
Accessory Connector:

Use the provided 6-way empty connector, which is attached to the 6-way Accessory connector on the Dash Harness, and terminals "H" and "J" (see Parts Kit 92972622) to add power wires for the following optional systems:

<u>Wire</u> Color	<u>Wire</u> Printing	<u>Fuse Block</u> Printing	<u>Fuse</u> rating	<u>Descri</u>
Tan	FUEL PUMP	FUEL	20A	Fused
Orange	12V BATTERY FUSED	BAT2	30A	Fused
Red	(no printing)	BAT1	20A	Fused
Pink	12V IGNITION FEED	PWO WDO	25A	Fused
Brown	IGNITION SW ACCY	ACCY1	30A	Fused

<u>ription</u>

d 12 volt IGNITION feed for an electric fuel pump (may also be used to feed power to another ignition circuit). d 12 volt BATTERY feed for rear window defroster (may also be used to feed power to another battery circuit). d 12 volt BATTERY feed for rear wiper motor park (may also be used to feed power to another battery circuit). d 12 volt IGNITION feed for rear wiper/washer (may also be used to feed power to another ignition circuit). d 12 volt ACCY. feed for rear defroster control (may also be used to feed power to another accessory circuit).



LH and RH turn signal indicator, high beam, 4x4 and brake warning indicator lamp instructions:



LH indicator lamp extension, Item A, is shown above with the dash insert flipped down and the extension plugged onto the circuit board pins along

with the mating end of the extension plugged into the dash connection.

<mark>لا</mark> LH indicator lamp extension (Item A, page 6) NOTE: shown here is the optional rear wiper/washer switch connection. (available separately, 510807, see page 1) RH indicator lamp extension (Item B, page 6)

RH indicator lamp extension, Item B, is shown above with the dash insert flipped down and the extension plugged onto the circuit board pins along with mating end of the extension plugged into the dash connection.

NOTE: shown here is the optional rear defrostrer switch connection. (available separately, 510797, see page 1)

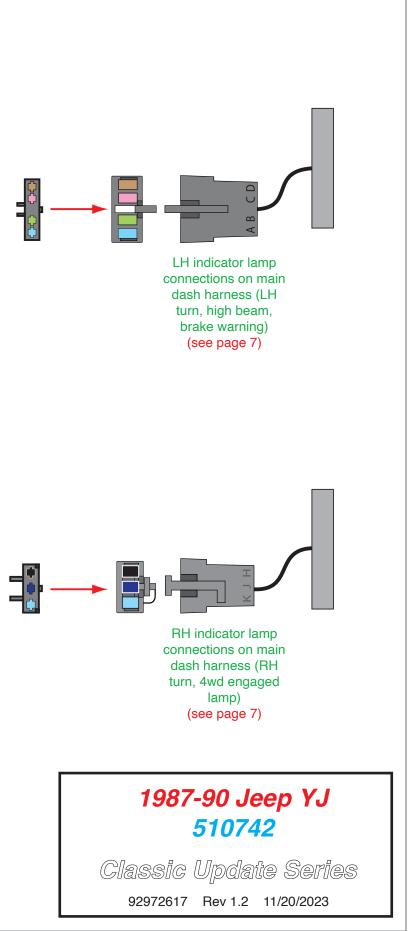


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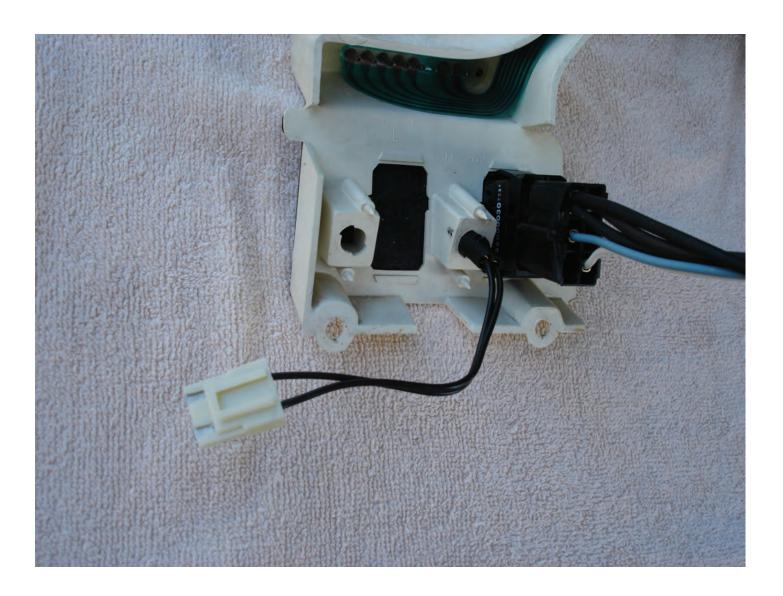
fog lamp switch

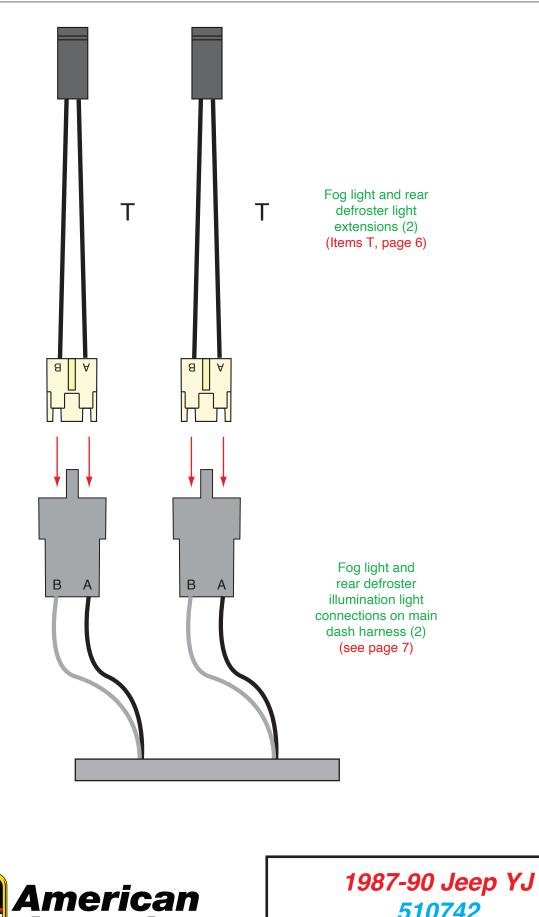
(see page 7)

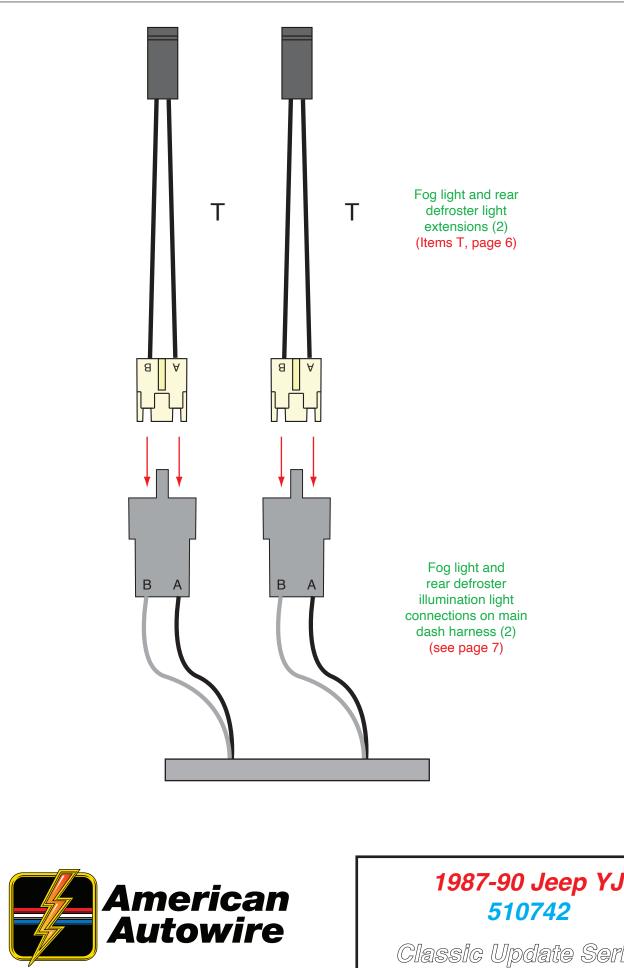


1987-1989 Fog light and/or rear defroster illumination lights instructions:

NOTE: This option is not present on all vehicles, and there may be up to two extensions required. These lights are used to back light the lower dash assembly area when the vehicle has optional fog lights and/or rear defroster. Your dash harness has 2 connections on it for these lights. We have also included 2 light extensions "T" for you to plug into the 2 main dash connections. If your vehicle does not have either of these options, the two main connections will lay up under the dash without being used. If you have one of the options, one light will be used, and if you have both options, both lights will be used. We have shown connection images at the right and a photo below for your convience.







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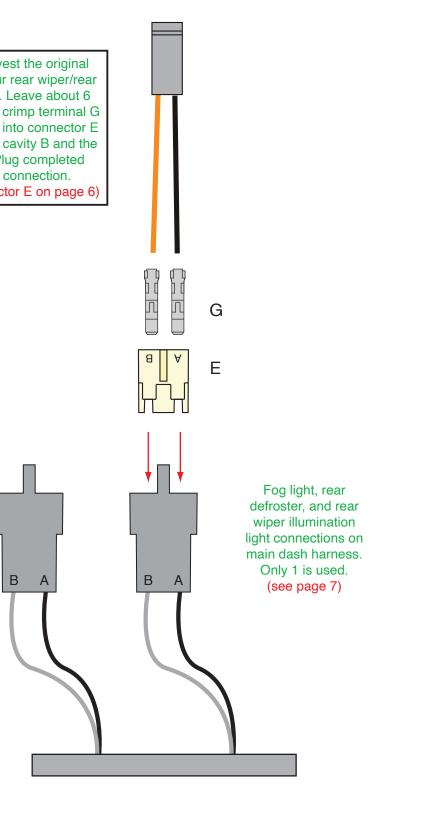
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1990 Fog light, rear defroster, and/or rear wiper illumination lamps instructions:

NOTE: Your vehicle could have any of these options, or none. There was only one lamp extension used on the 1990 vehicles. These lights are used to front light the lower dash assembly area when the vehicle has optional fog lights, rear defroster and/or rear wiper options. Your dash harness has 2 connections on it for these lights, but you will only use one of the two. You will have to harvest the stock lamp socket assembly with the orange and black wires from your original dash harness to build an extension. We have included terminals G and connector E for you to build a completed extension. We have shown a connection image at the right and a photo below for your convience.

Note: You will need to harvest the original lamp socket pigtail from your rear wiper/rear defroster illumination lamp. Leave about 6 inches of wire on each lead, crimp terminal G on each, and plug the leads into connector E so that the orange wire is in cavity B and the black wire is in cavity A. Plug completed extension into the dash connection. (see terminals G and connector E on page 6)

2nd fog light, rear defroster, and rear wiper illumination light connections on main dash harness. NOT used. (see page 7)

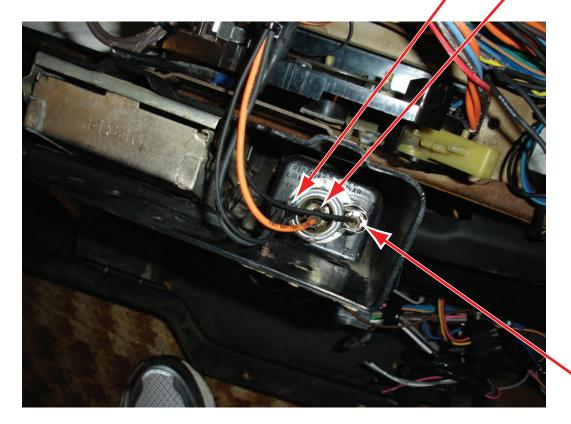






cigar lighter feed and ground connection instructions:

NOTE: Below is a photo of the completed cigar lighter assembly as it will appear connected in your vehicle. The orange wire with the rubber sleeve is the feed wire and will slide onto the threaded stud on your cigar lighter assembly. The double black wires with the female connector are the ground lead and will connect to the male blade on your cigar lighter assembly to complete the circuit. To the right in the photo, there is an illumination lamp that will have to be harvested from your original harness to be re-used. Plug wire D from page 6 into the candelabra as shown on page 8, route that wire over to your lighter assembly and cut it to length. Apply terminal M and sleeve N to the end of wire D. Next, apply terminal U and sleeve L to the end of the reclaimed lamp assembly, then plug terminal U into terminal M to complete the cigar lighter lamp.



Cigar lighter feed and ground connections (see page 7)

D

Ref: Accessory dash light candelabra (see page 7, & 8) $(\bigcirc \bigcirc \bigcirc)$

Ν Ref: Wire D. terminals M and U, and sleeves L and Ν Μ (see page 6)

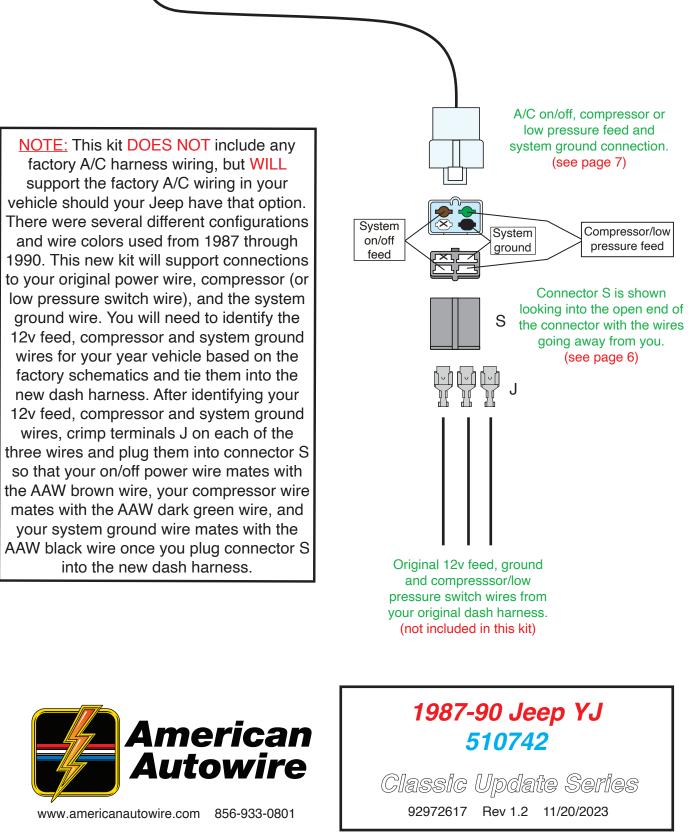
Ref: Reclaimed

cigar lighter lamp

assembly

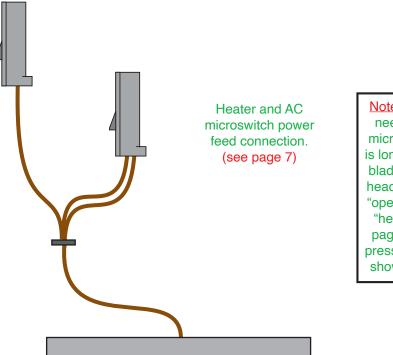
Original A/C harness connection instructions:

support the factory A/C wiring in your vehicle should your Jeep have that option. new dash harness. After identifying your so that your on/off power wire mates with your system ground wire mates with the into the new dash harness.



Page 12

Heater switch on/off connection instructions:

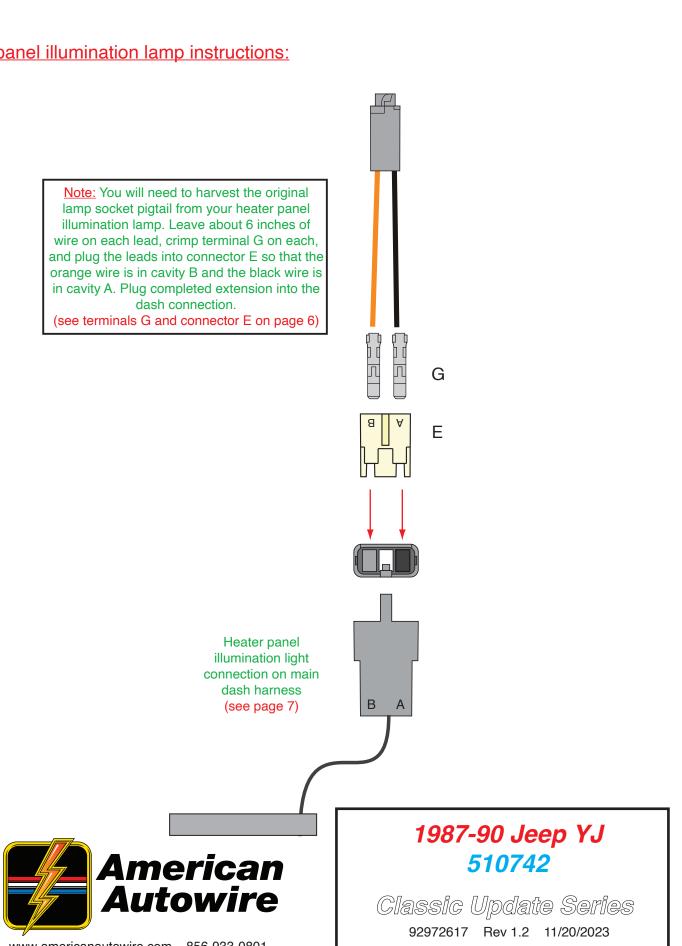


Note: These two brown wire connections will need to be plugged onto the heater control microswitch as shown below, The single wire is longer and is intended to be installed on the blade that is closest to the face of the control head for ease of installion only. This is just an "open and close" switch that passes power to "heater blower switch connector" shown on page 7, or the "A/C on/off, compressor / low pressure feed and system ground connection" shown on pages 7 (with details on page 12).

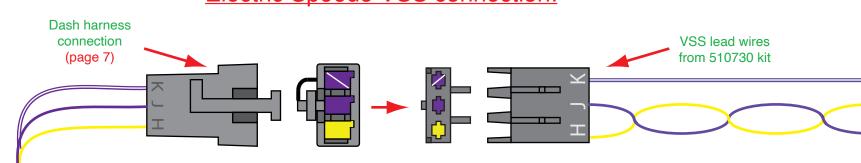


Heater panel illumination lamp instructions:

dash connection.



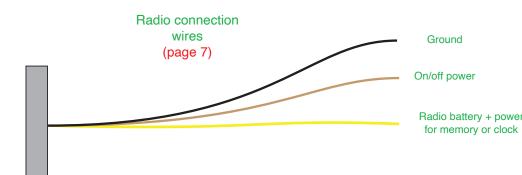
VSS dash jumper connection to the 500730 VSS lead wire kit:



Electric Speedo VSS connection:

If you are using an aftermarket electric speedometer in your vehicle, you will need to connect the vehicle speed sensor (VSS) Lead Wires from this kit to the dash side connection of your dash harness. The yellow and solid purple wires must remain twisted together as shown above. These three wires will need to pass through the firewall or floor of your vehicle down to the vehicle speed sensor unit in the transmission. Generally, the solid purple wire connects to the "signal" lead, the yellow wire connects to the "ground" lead, and the purple/white stripe wire connects to the "12 volt power" lead on the vehicle speed sensor assembly. However, you should consult the directions that came with your gauges, and connect your vehicle speed sensor per the manufacturer's instructions.

Radio wire connections:



NOTE: These (3) wires will be used to hook-up your radio. The black is the radio ground, the tan is the "keyed" on/off power feed, and the yellow is the battery+ feed that is hot at all times and would be used for the digital read-out or memory feature on an electronically controlled radio.

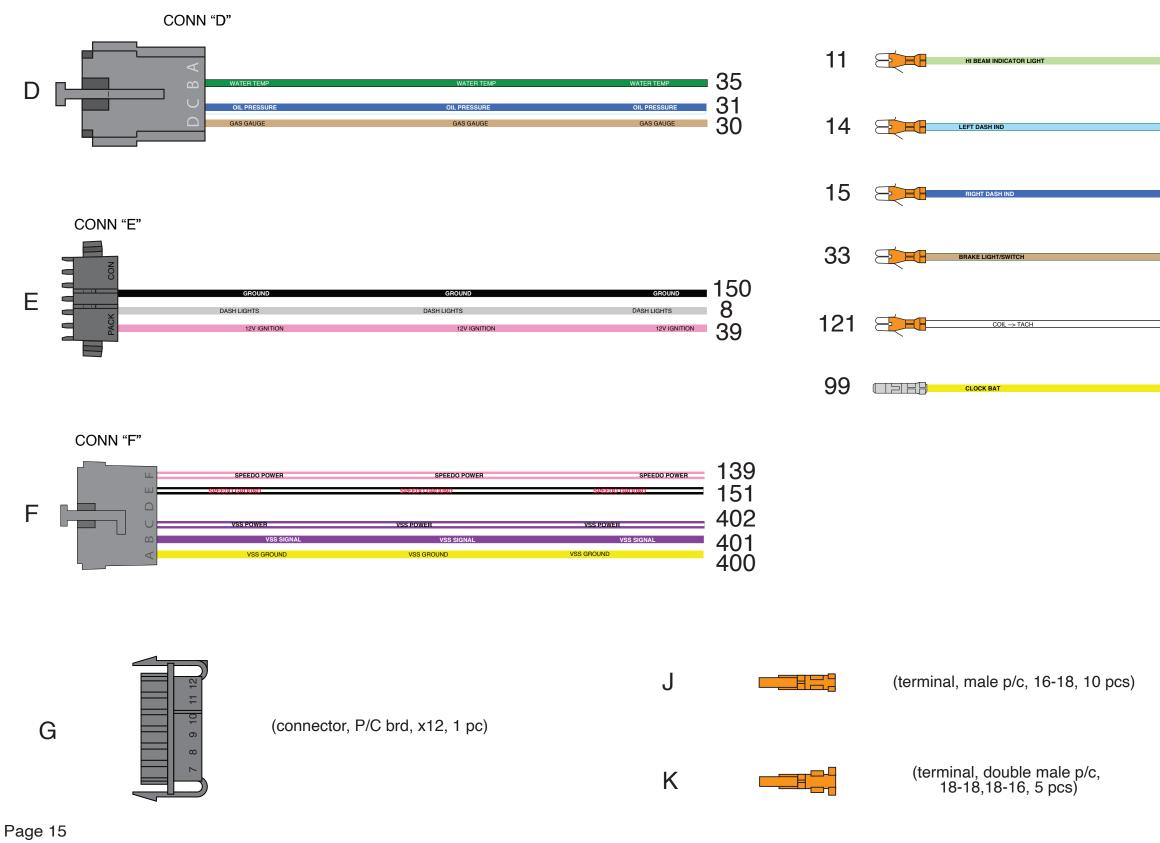






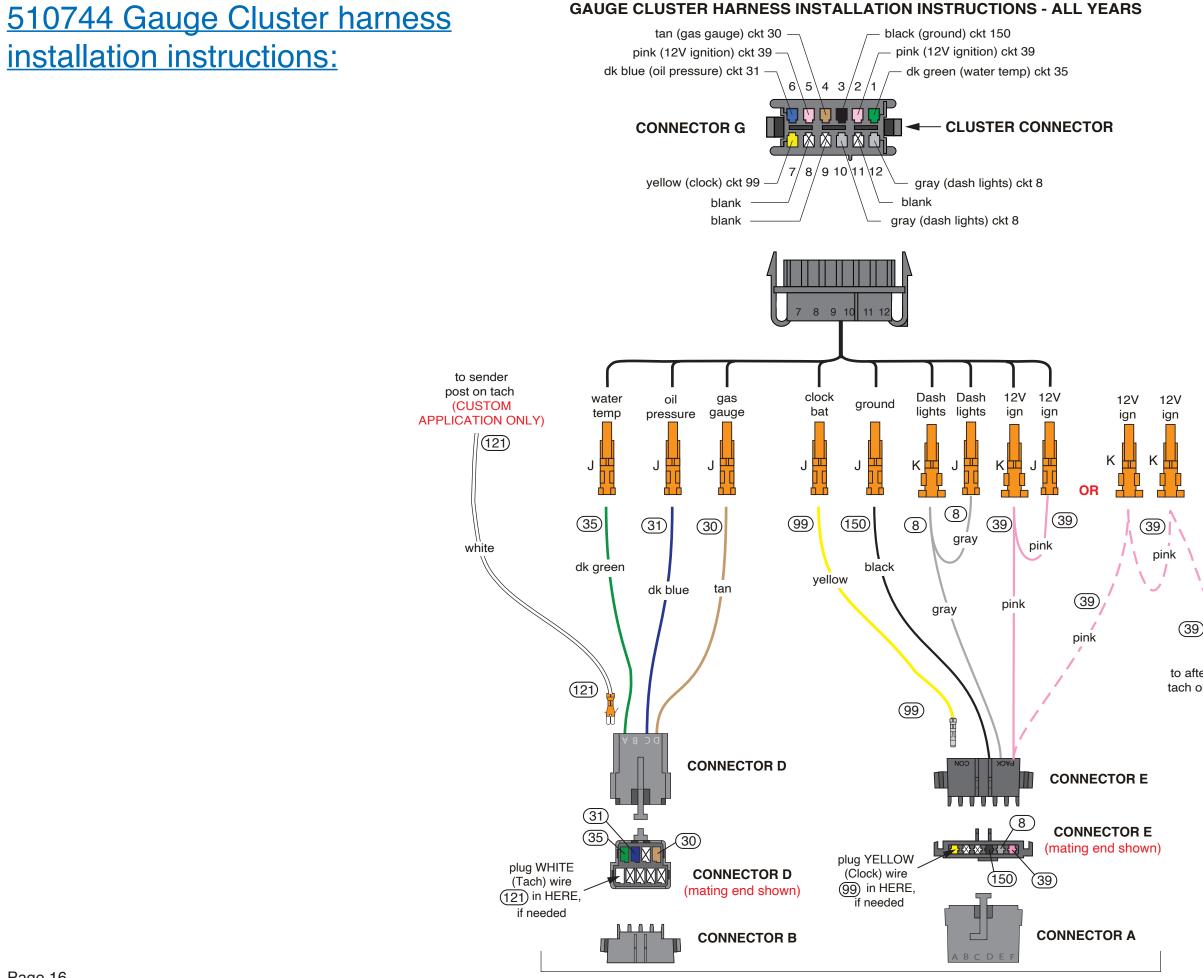
510744 Gauge Cluster harness installation instructions:

Below are the supplied harnesses, terminals and connector bodies included in the Gauge Cluster Harness 510744 and Loose Piece bag. These will be used to complete your gauge cluster connections and are referenced by the letters and descriptions below from this point forward.



HI BEAM INDICATOR LIG	нт	HI BEAM INDICATOR LIGHT
LEFT DASH IND	LE	FT DASH IND
RIGHT DASH IND		RIGHT DASH IND
BRAKE LIGHT/SWITCH	BRAKE	LIGHT/SWITCH
COIL> TACH	COIL> TACH	
CLOCK BAT		CLOCK BAT
		rican
	Ame Auto	owire
	www.americanautowire.com	856-933-0801





(39) pink

to aftermarket tach or gauges

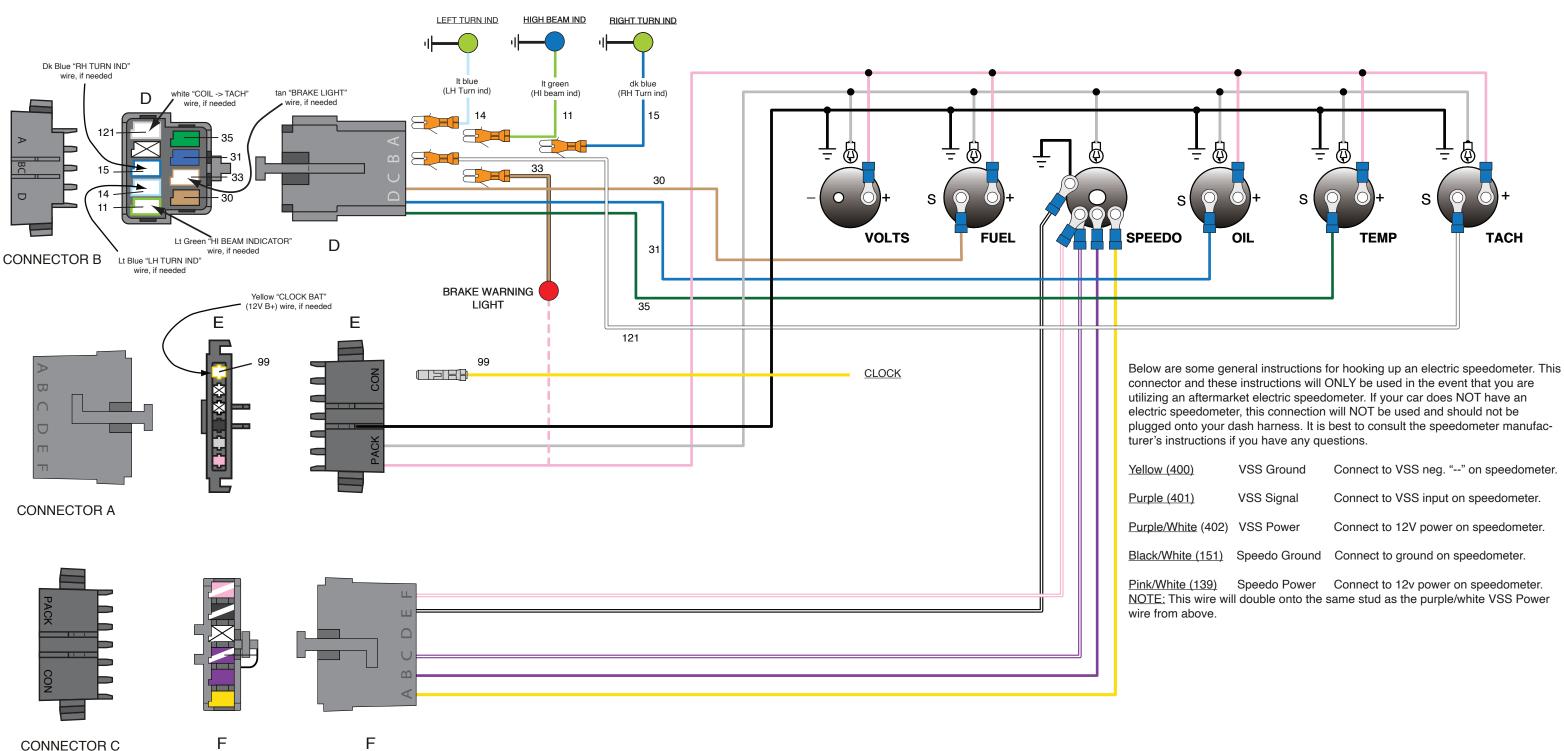




510744 Gauge Cluster harness installation instructions:

TURN SIGNAL AND HI-BEAM LAMP CONNECTIONS

BEST RESULTS.



dash harness connectors (bag G)

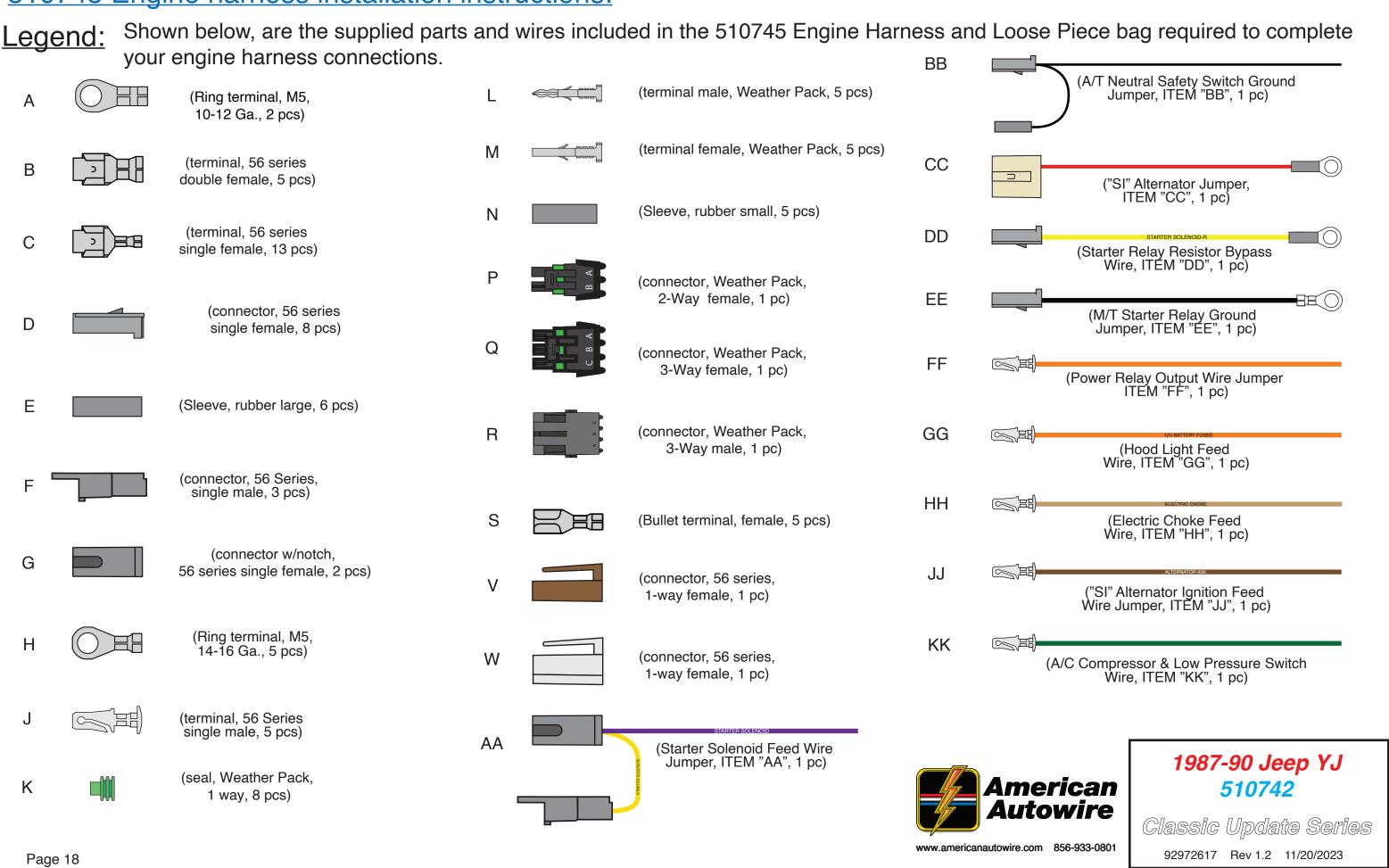


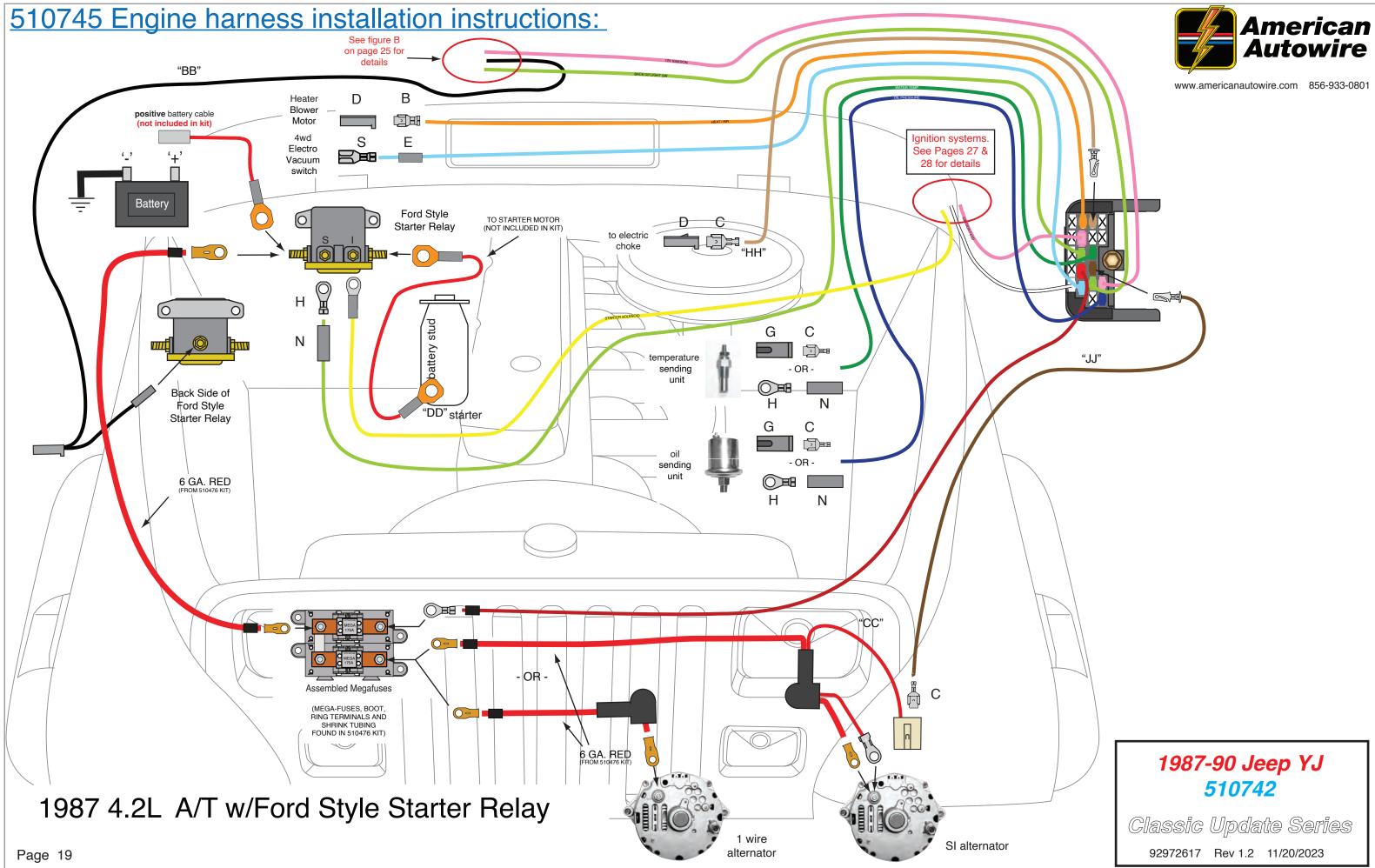
SHOWN BELOW IS A TYPICAL AFTERMARKET GAUGE INSTALLATION PROCEDURE. FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR

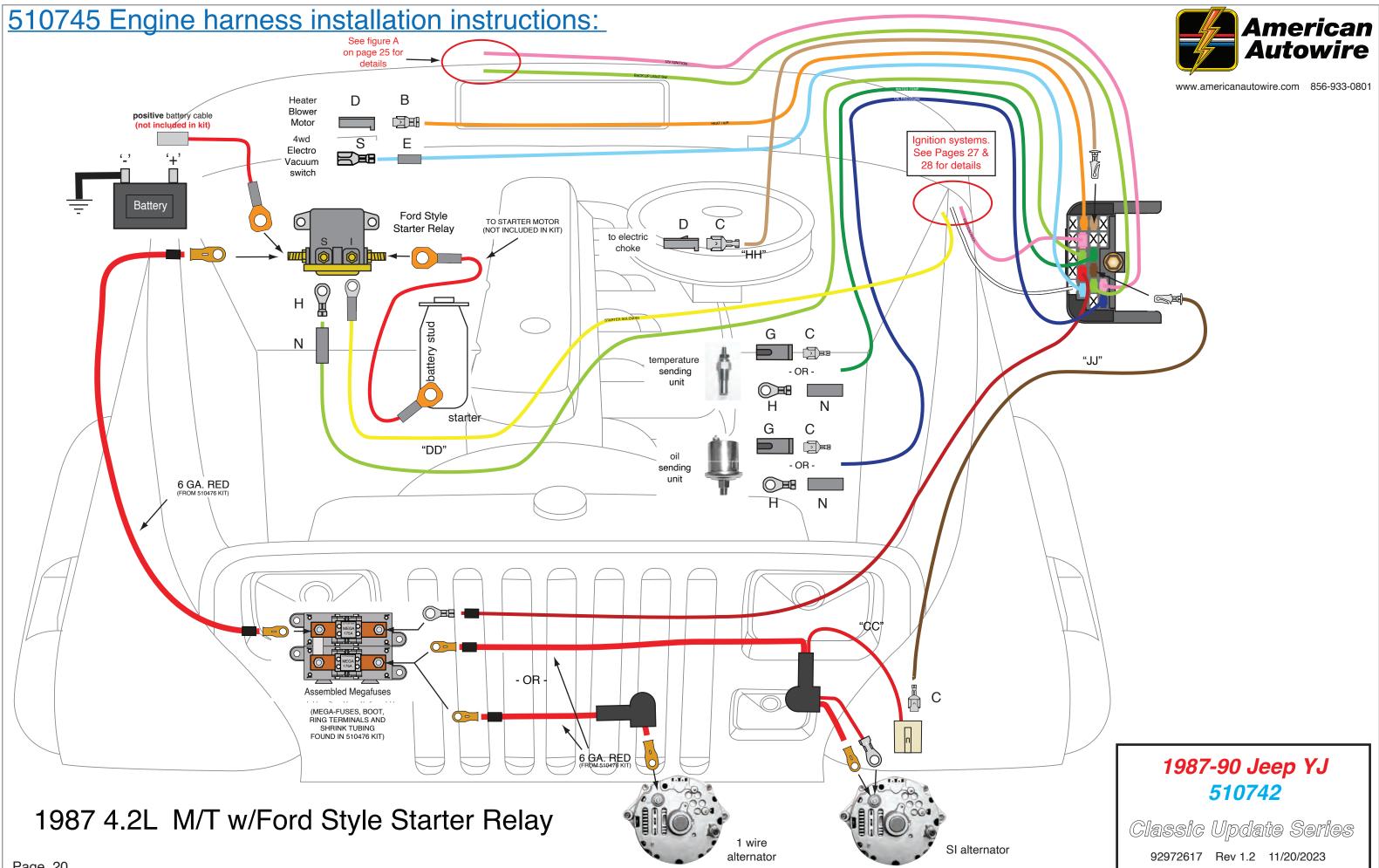
- Connect to VSS neg. "--" on speedometer.
- Connect to 12V power on speedometer.

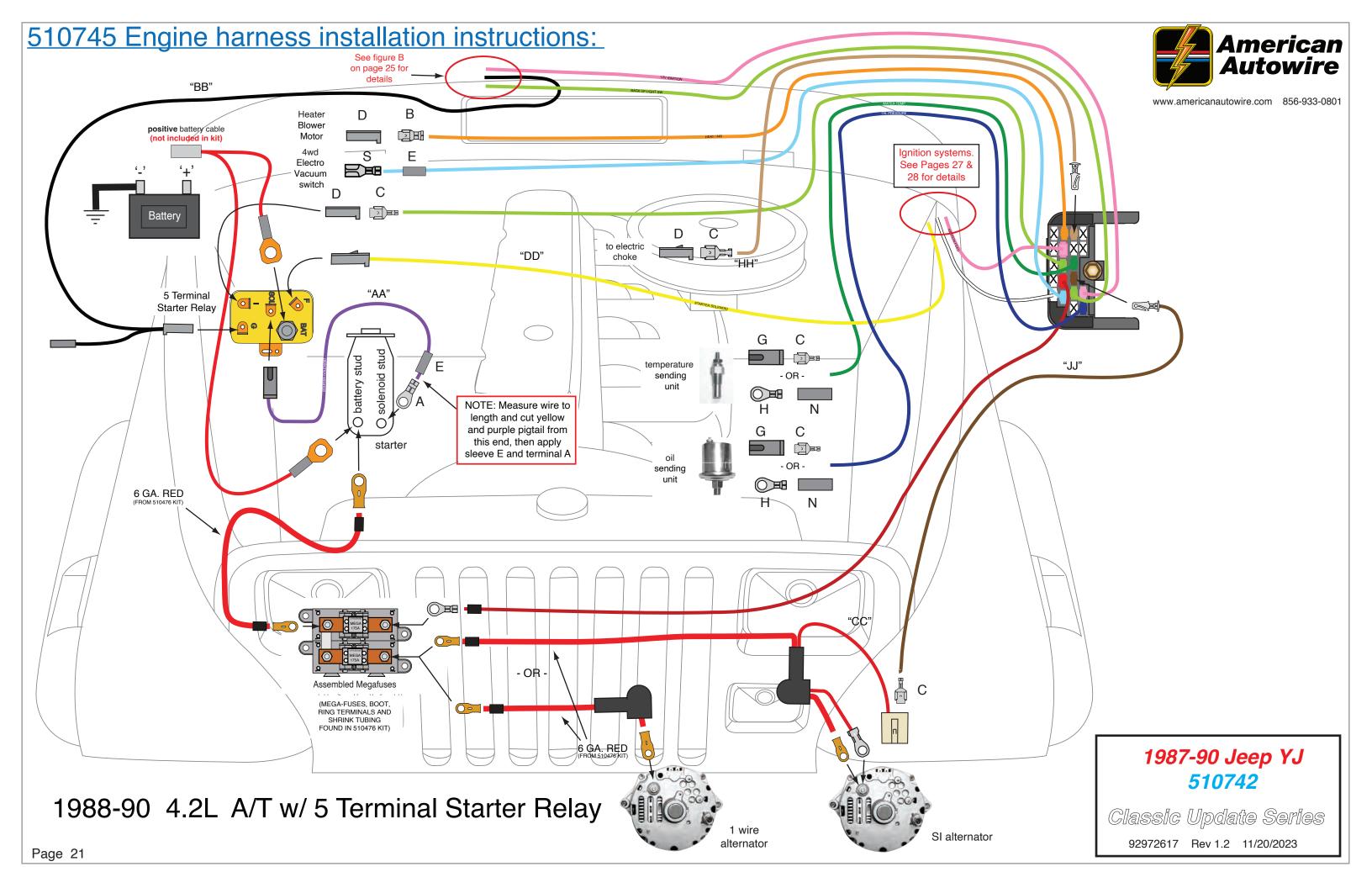
510745 Engine harness installation instructions:

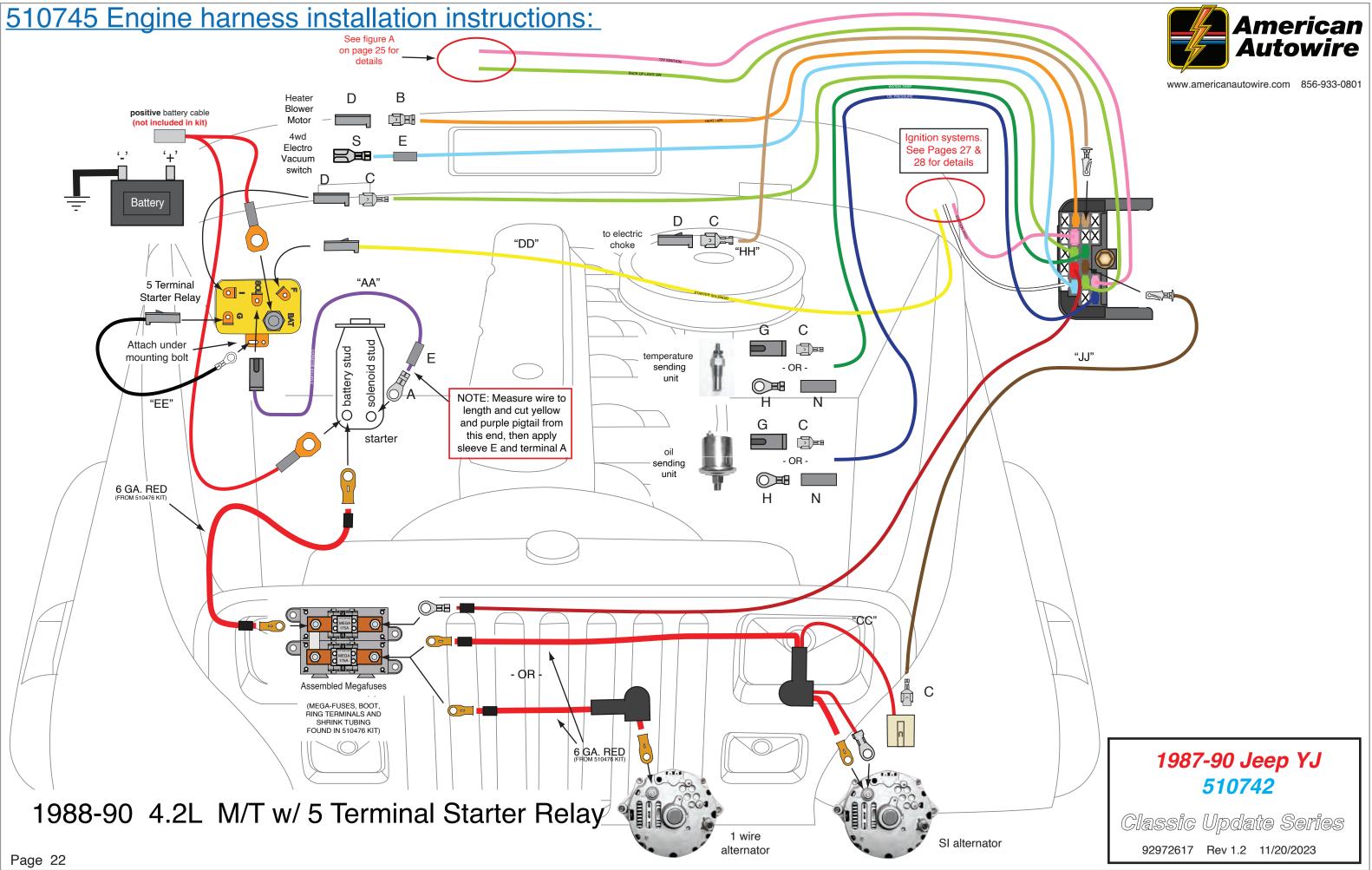
your engine harness connections. BB



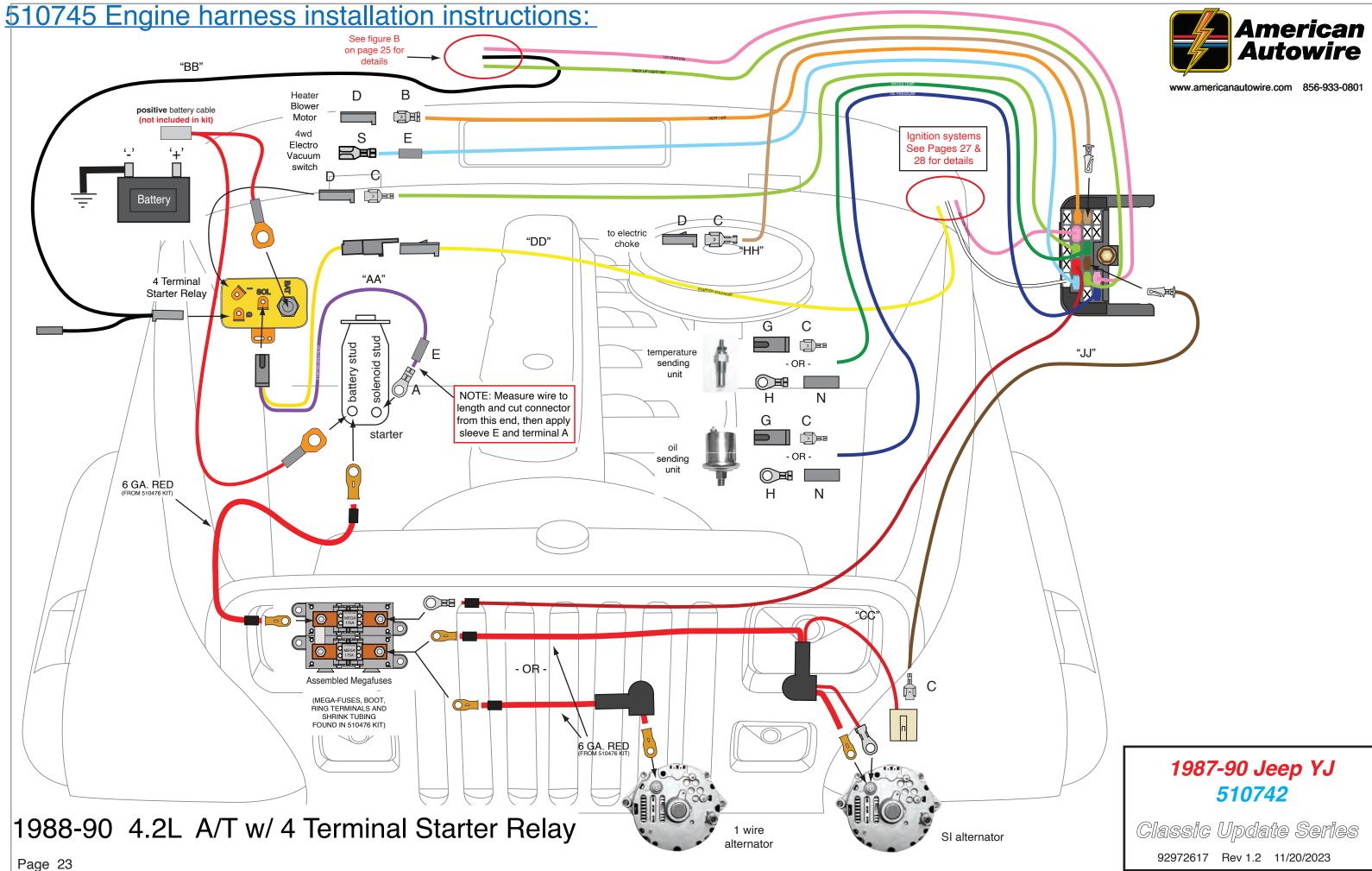


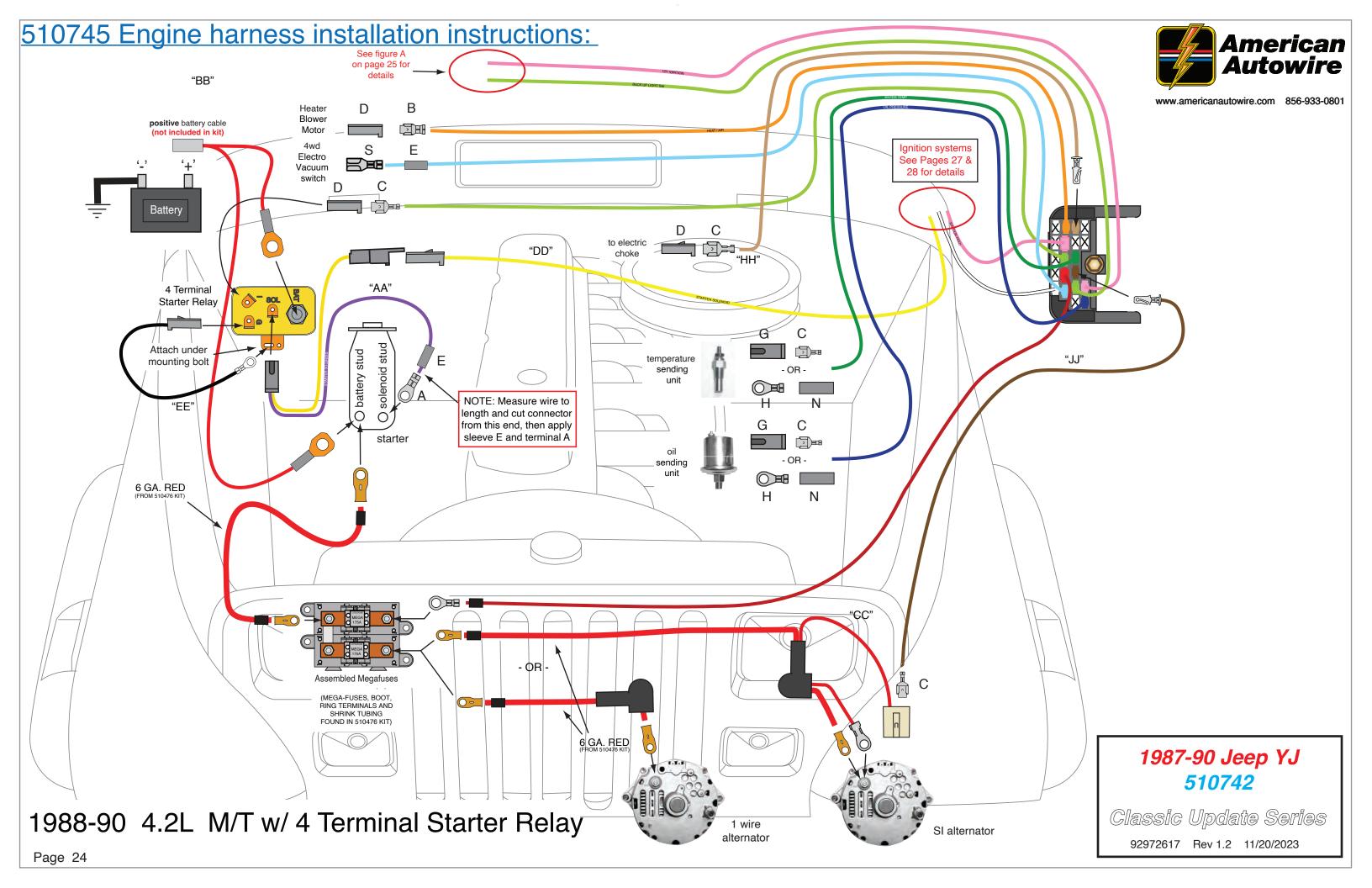




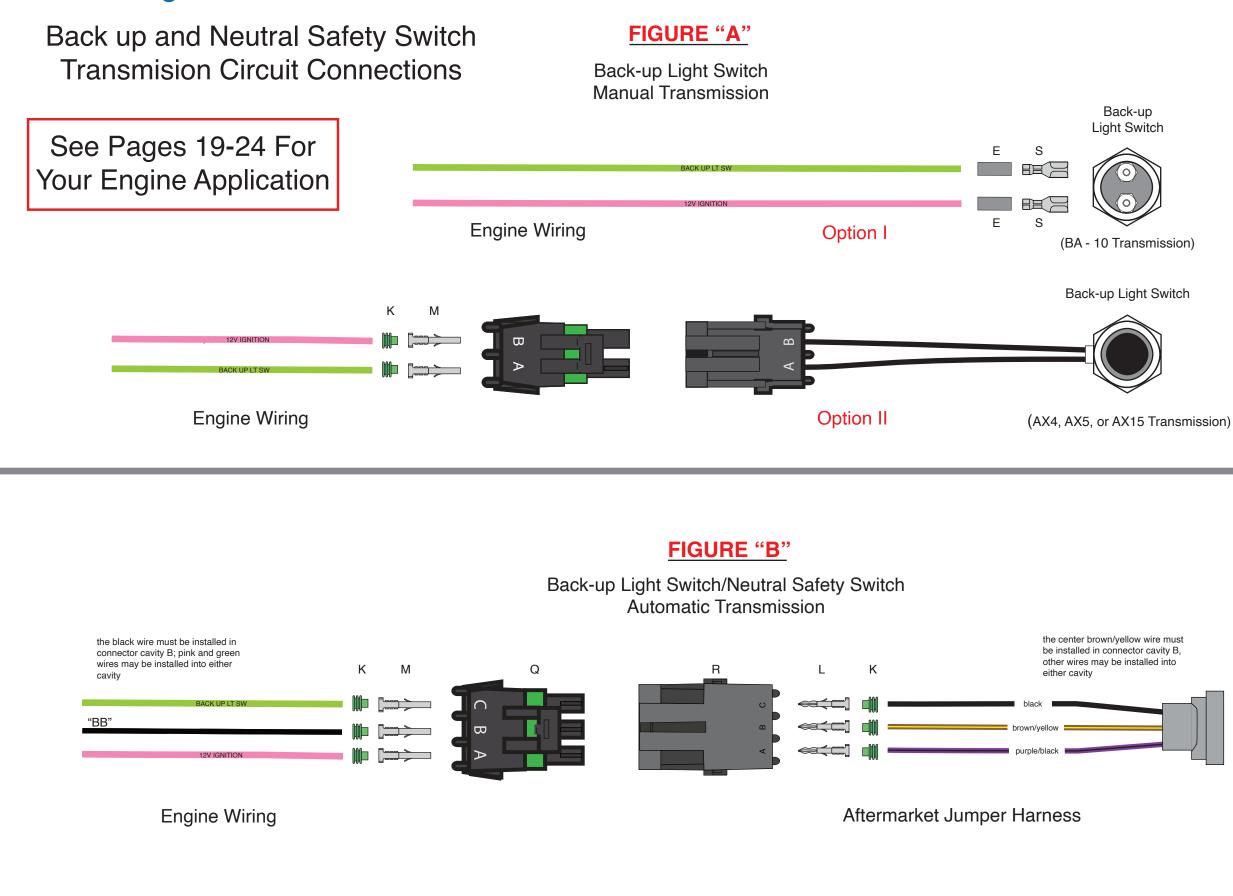








510745 Engine harness installation instructions:

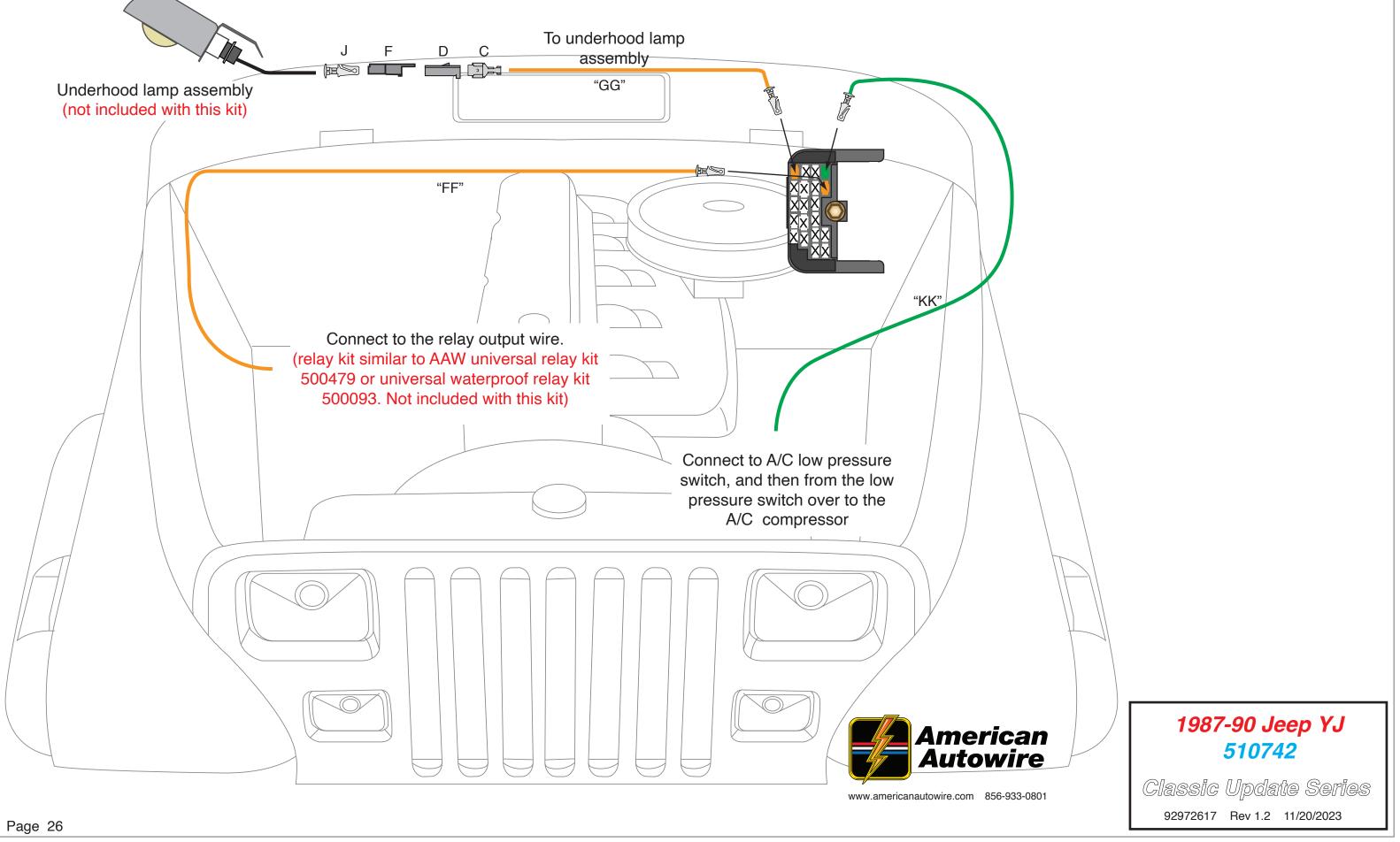




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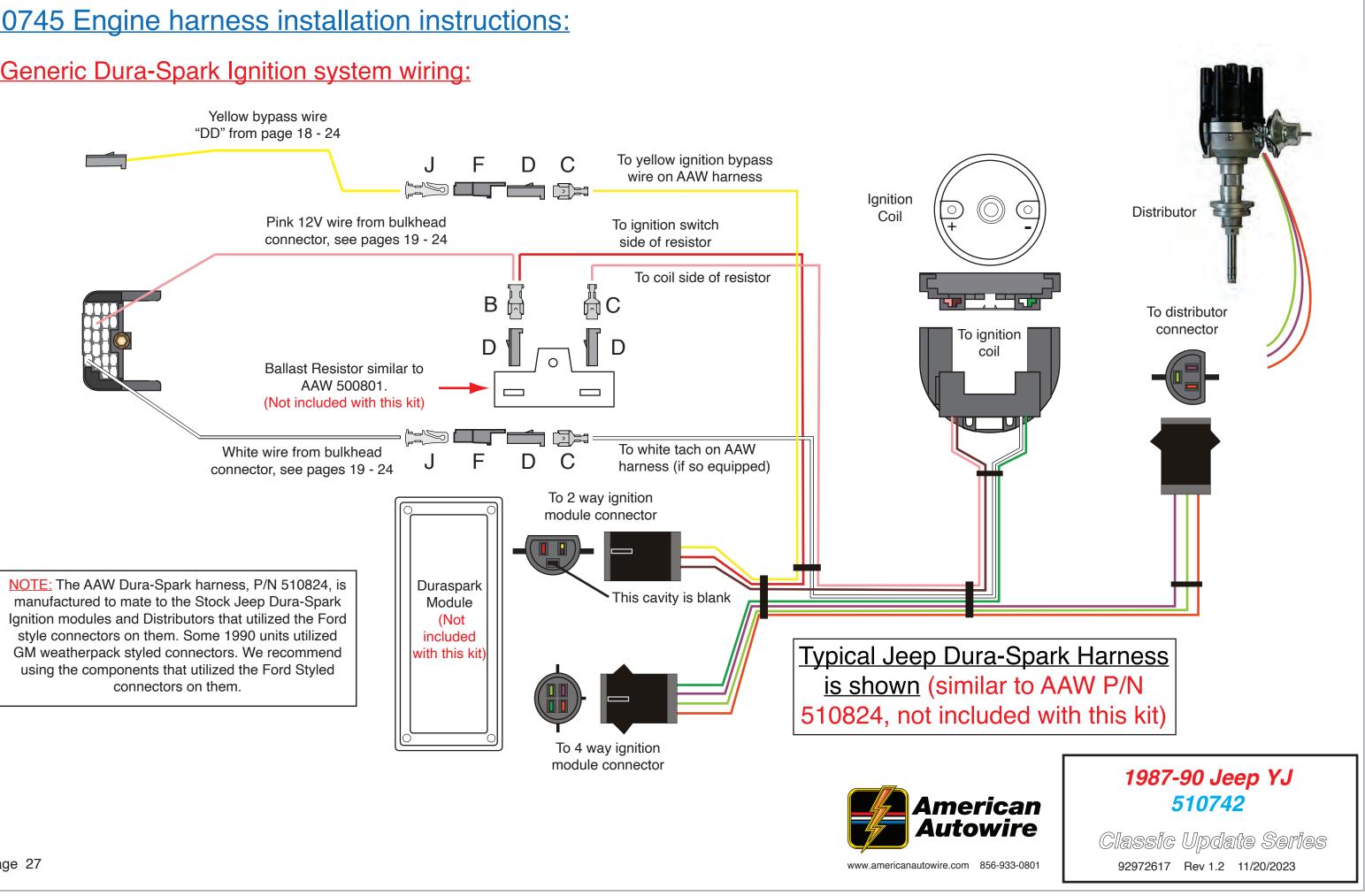
Back-up Light Switch/Neutral Safety Switch (A-904, A-999) Od 1987-90 Jeep YJ 510742 Classic Update Series 92972617 Rev 1.2 11/20/2023

510745 Engine Harness Kit Optional Systems:

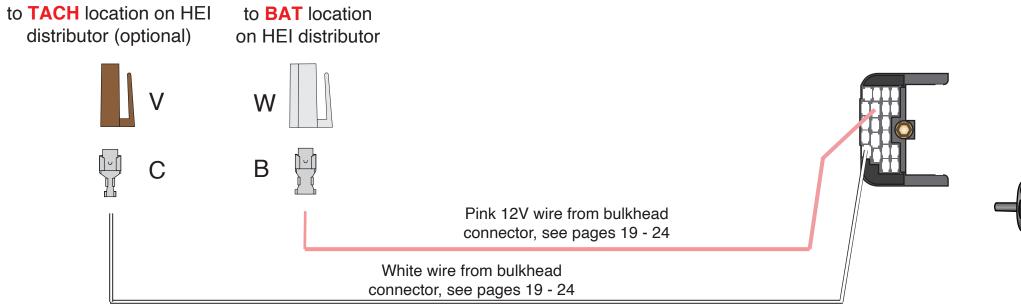


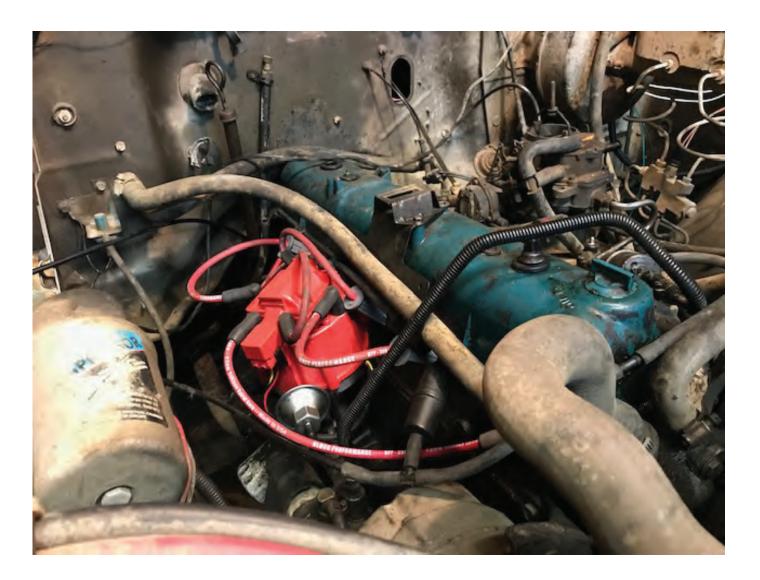
510745 Engine harness installation instructions:

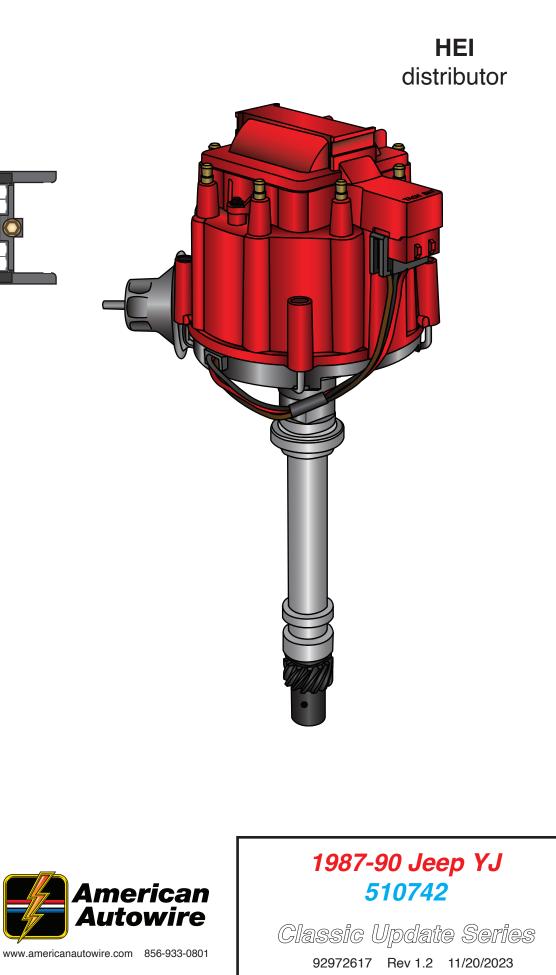
Generic Dura-Spark Ignition system wiring:



510745 Engine harness installation instructions: HEI Type Ignition system wiring:

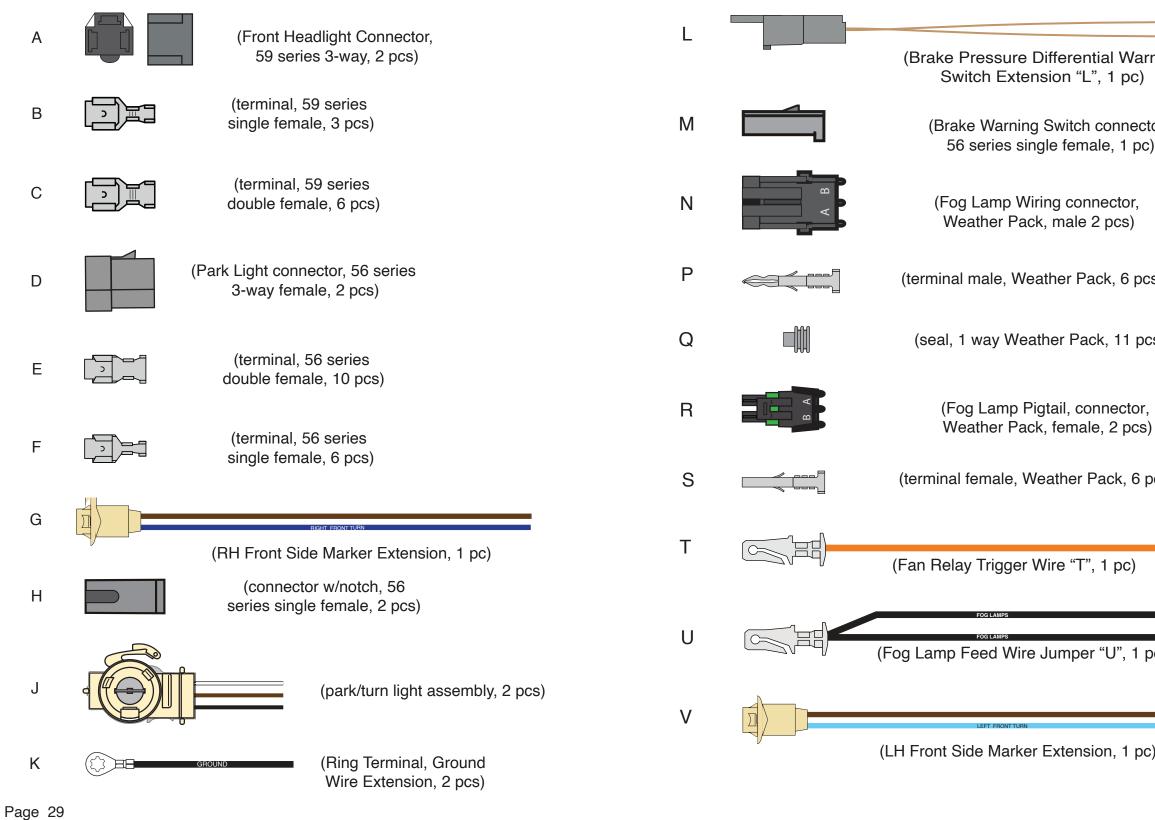






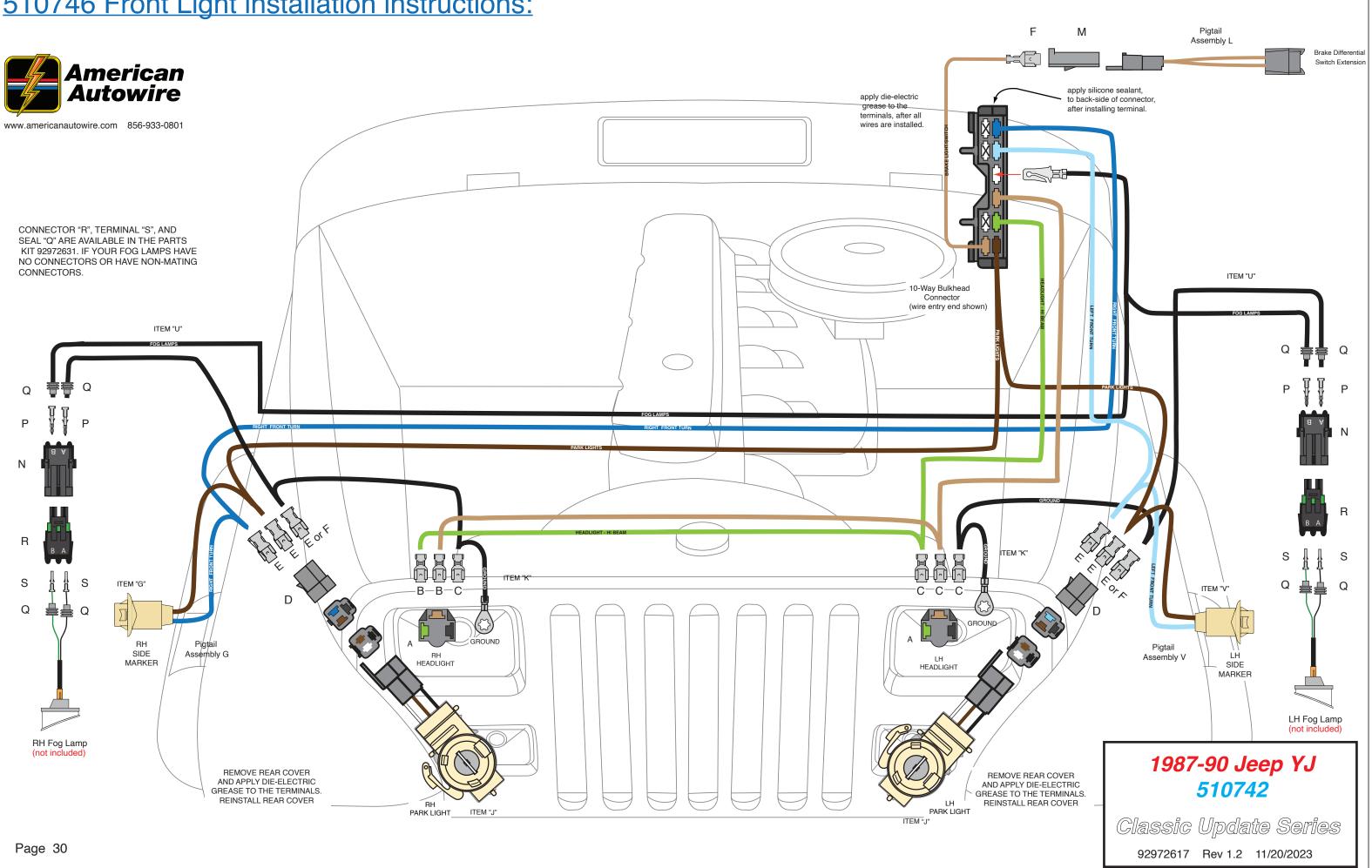
510746 Front Light installation instructions:

Below are the supplied terminals, connector bodies and assorted components included in the 510746 Front light Harness and Loose Piece bags. These will be used to complete your Front light Harness connections as shown on pages 30 through 32, and are referened by the letters and descriptions below.

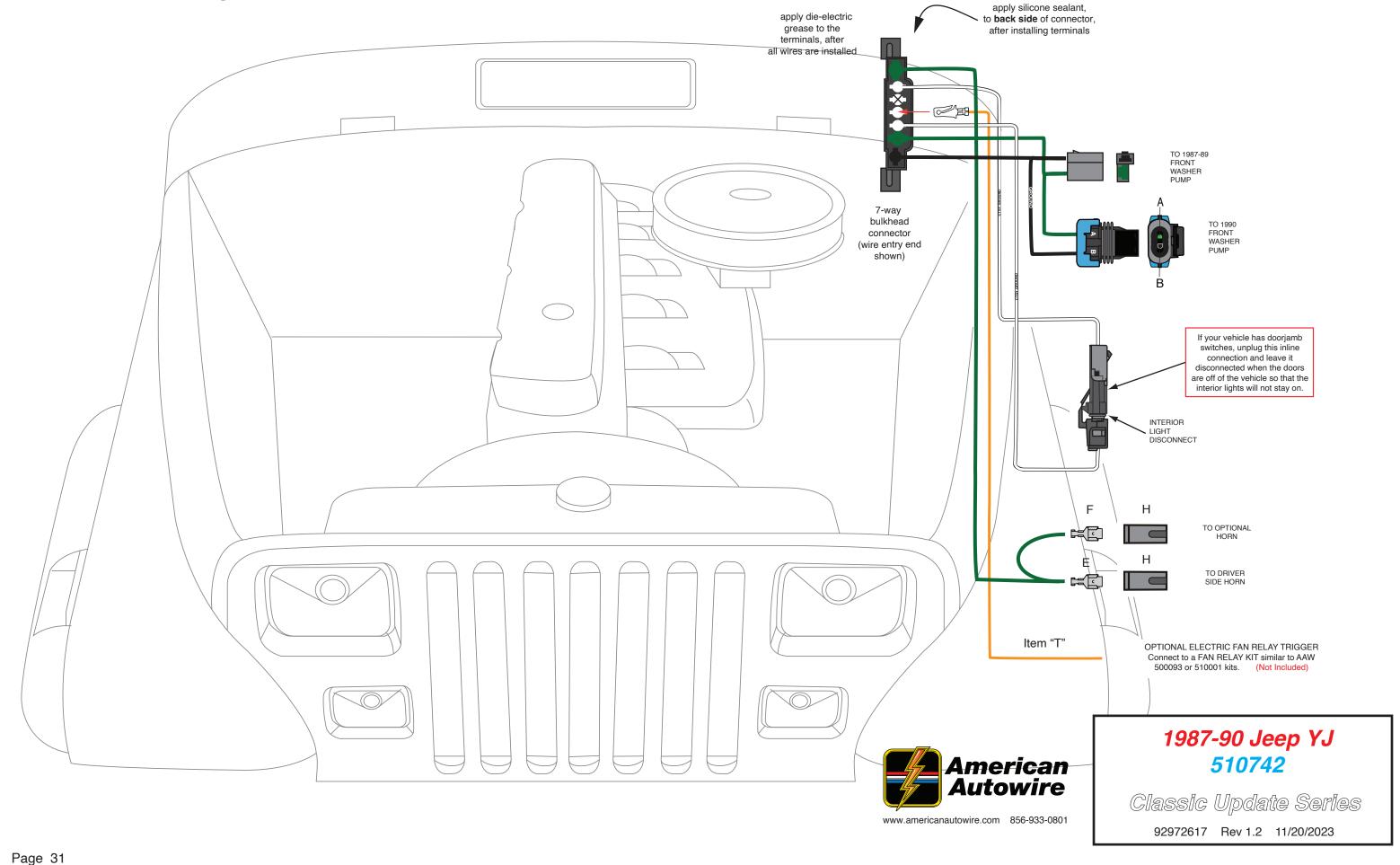


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	Classic Update Series 92972617 Rev 1.2 11/20/2023

510746 Front Light installation instructions:



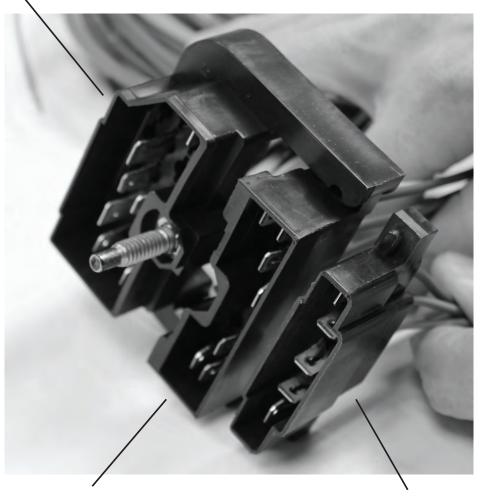
510746 Front Light installation instructions:



510742 finishing detail installation instructions:

Making your firewall electrical connection corrosion and weather resistant:

engine harness 20-way connector



assembly, ready to bolt onto firewall bulkhead

apply die-electric grease to the terminals, after all wires are installed

front light 10-way connector

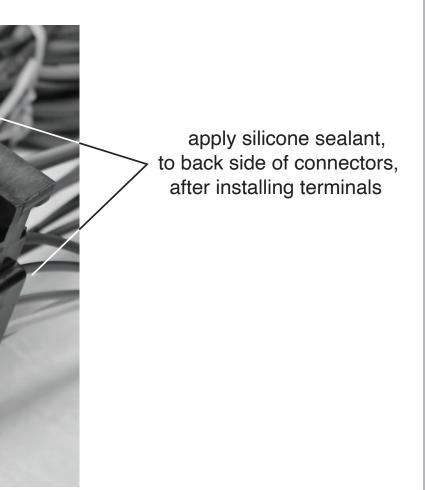
front light 7-way connector

NOTE 1: If you have a 1990 model with a rear wiper and purchased the AAW 510807 add-on kit, DO NOT PROCEED with NOTE 2 until after you have installed the purple/white stripe and black wires in the 10-way front light bulkhead connector as shown on page 5 of the 510807 instruction set.

<u>NOTE 2:</u> We recommend the following once you have completed the installation of your under hood engine and forward lamp connections:

1. Remove the engine and front light connectors from the firewall and apply dielectric grease to the terminals as shown above. This will help with continuity and also prevent corrosion to any of the terminals.

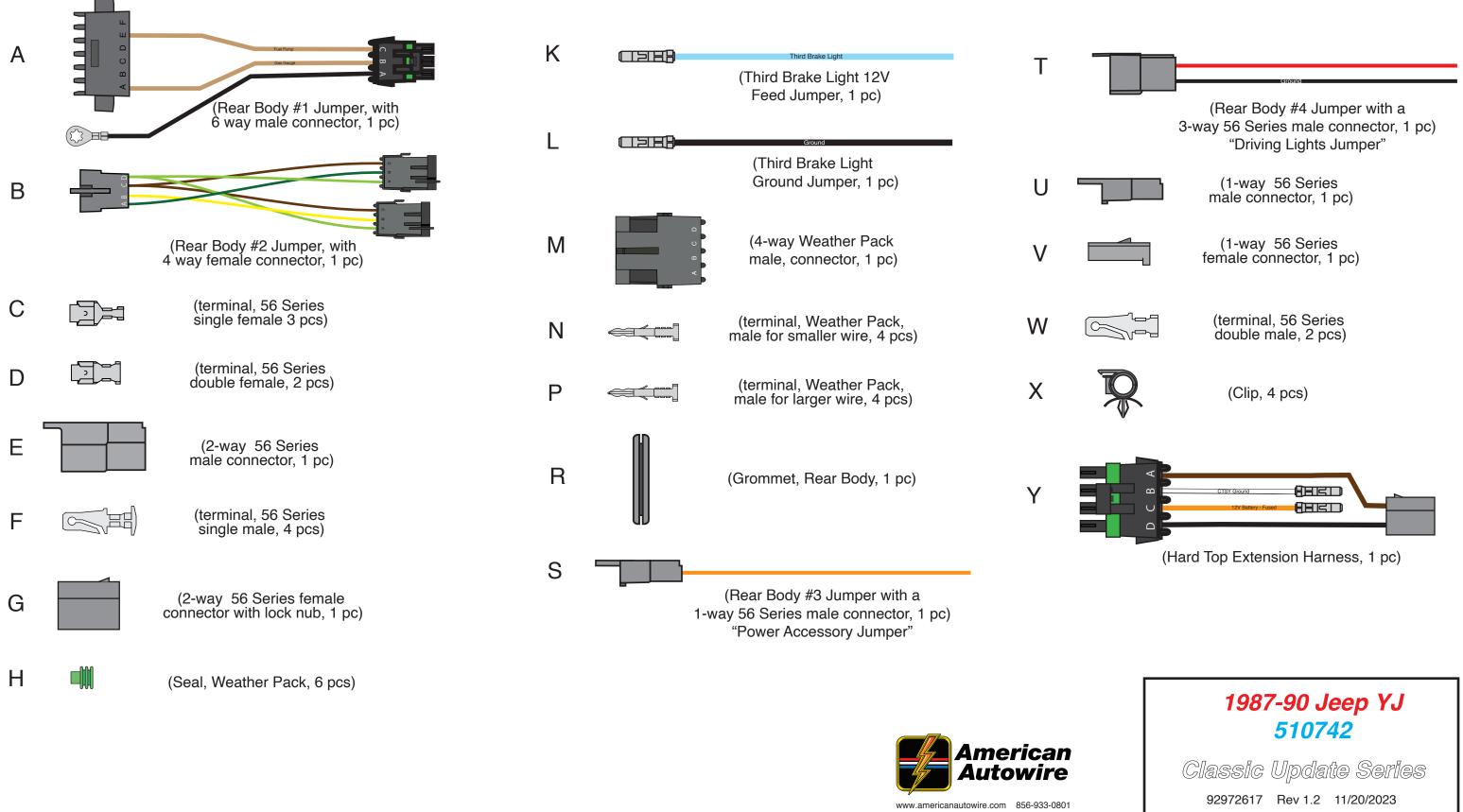
2. Re-attach the engine and front light connectors to the firewall and apply silicone sealer to the front on the connector as shown above. This will help seal the connector and keep water and moisture front going through the connector to the inside of the vehicle via the bulkhead assembly.

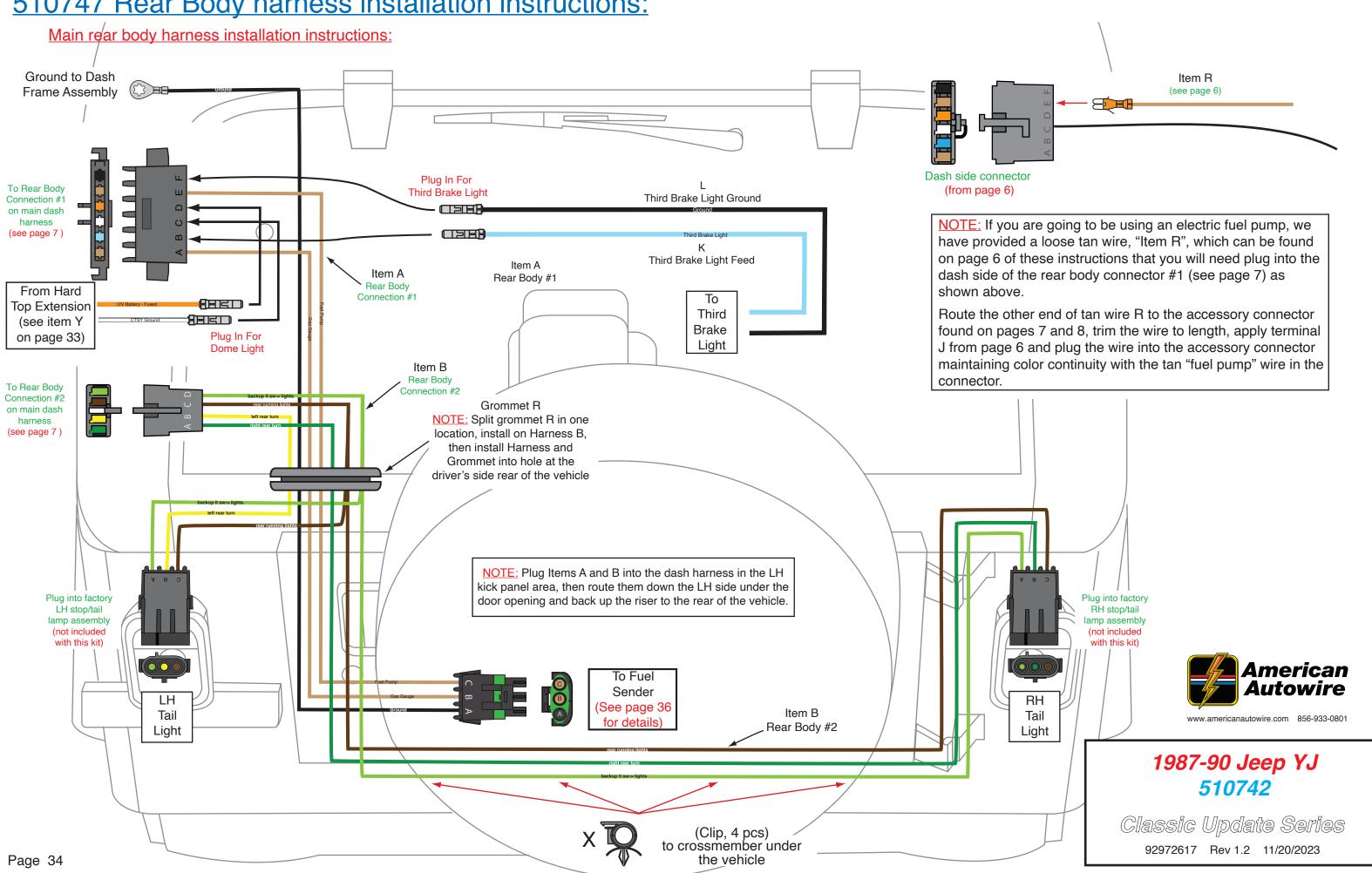




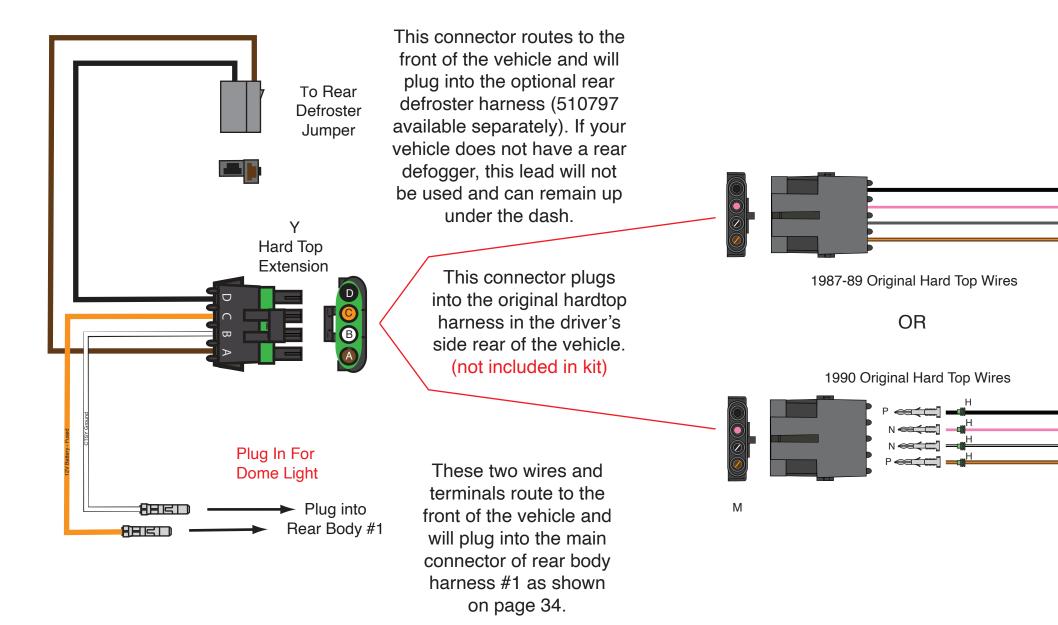


Below are the supplied terminals, connector bodies and assorted components included in the 510747 Rear Body Harness and Loose Piece bags. These will be used to complete your Rear Body Harness exterior and interior connections as shown on pages 34 through 37, and are referenced by the letters and descriptions below.





Factory hardtop wire harness installation instructions:



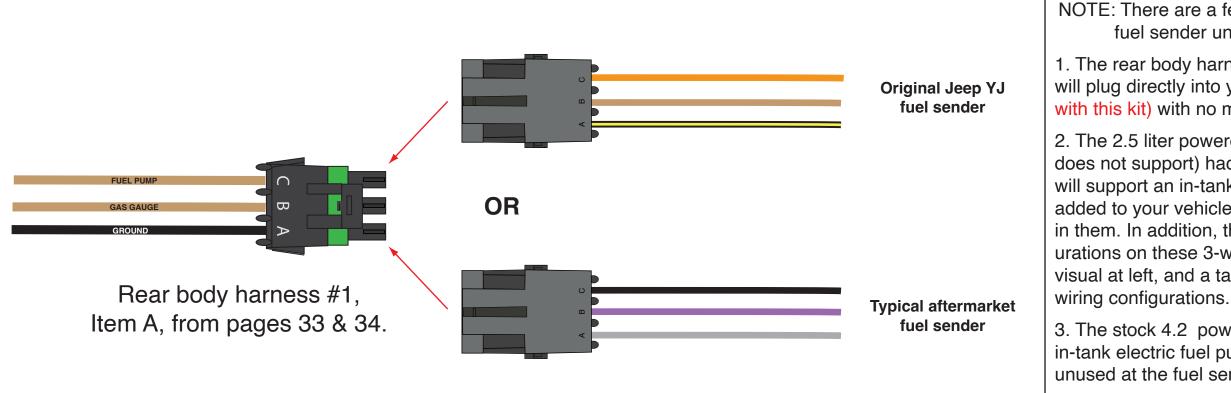
Existing connector already in place on the original hardtop harness (not included in kit)

Remove original 10-way connector from your 1990 hardtop harness and attach connector M, seals H and terminals N and P as shown. (not included in kit)





Fuel tank sender and pump lead installation instructions:



	<u> 1987 - 1990 Jeep YJ Fuel Sender Pigtail Wire Pin-out</u>					
AAW AAW		AAW	All	All	Original Sender	Aftermarket Sender
<u>Circuit #</u>	Wire Color	Printing	Circuit Description	<u>Cavity #</u>	Wire Color	Wire Color
150	Black	"GROUND"	Ground	A	Black/Yellow	Gray
30	Tan	"GAS GAUGE"	Gas gauge to fuel sender	В	Tan	Purple
103	Tan	"FUEL PUMP"	12v feed for in-tank fuel pump	С	Orange	Black

NOTE: There are a few different configurations on the stock fuel sender units for the 1987-1990 Jeep YJ's.

1. The rear body harness #1, "Item A" from pages 33 & 34 will plug directly into your existing sending unit (not included with this kit) with no modifications needed.

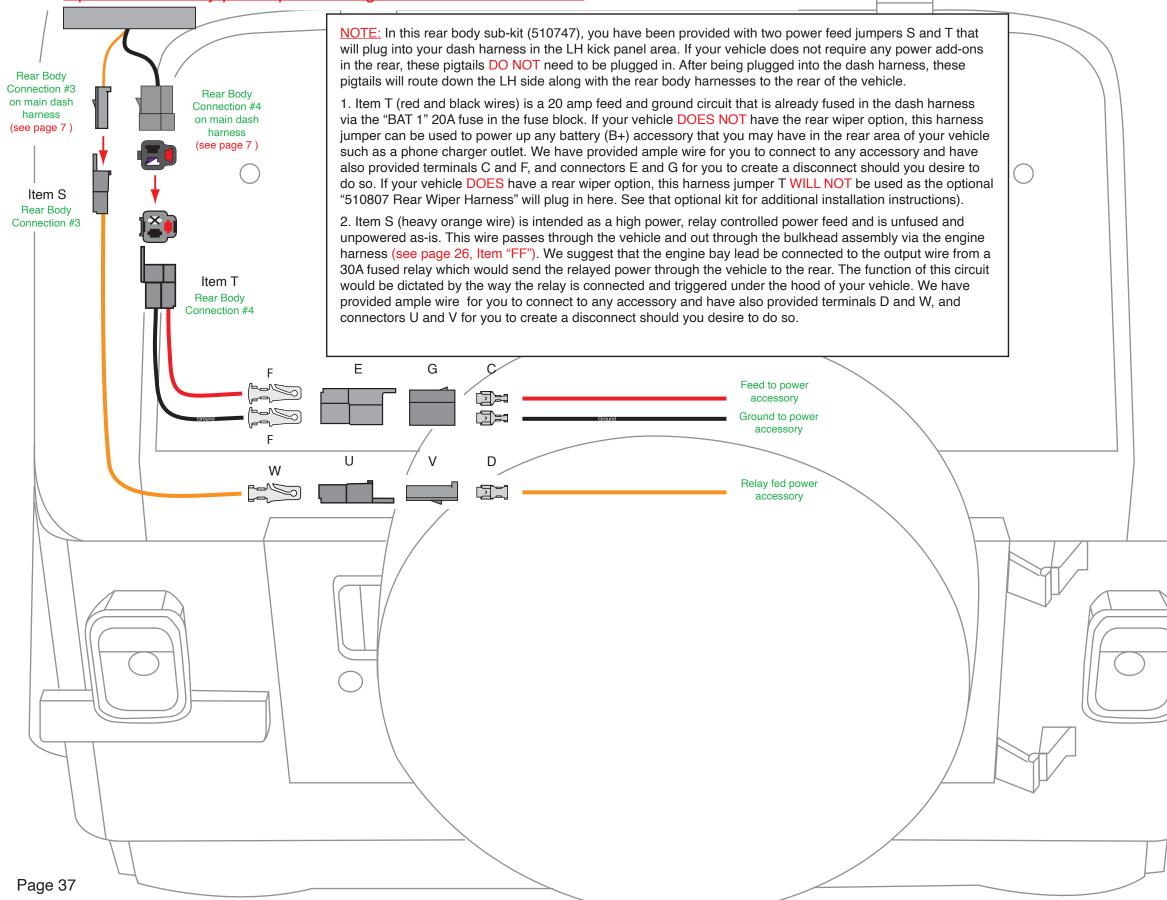
2. The 2.5 liter powered 4 cylinder vehicles (which this kit does not support) had an in-tank electric fuel pump. This kit will support an in-tank fuel pump just in case one has been added to your vehicle. Those sending units will have 3 wires in them. In addition, there are at least 2 known wiring configurations on these 3-wire sending units. We have included a visual at left, and a table below left, showing the different wiring configurations.

3. The stock 4.2 powered 6 cylinder vehicles did not use an in-tank electric fuel pump, so the fuel pump wire will just be unused at the fuel sender connection.





Optional rear body power pass through installation instructions:





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