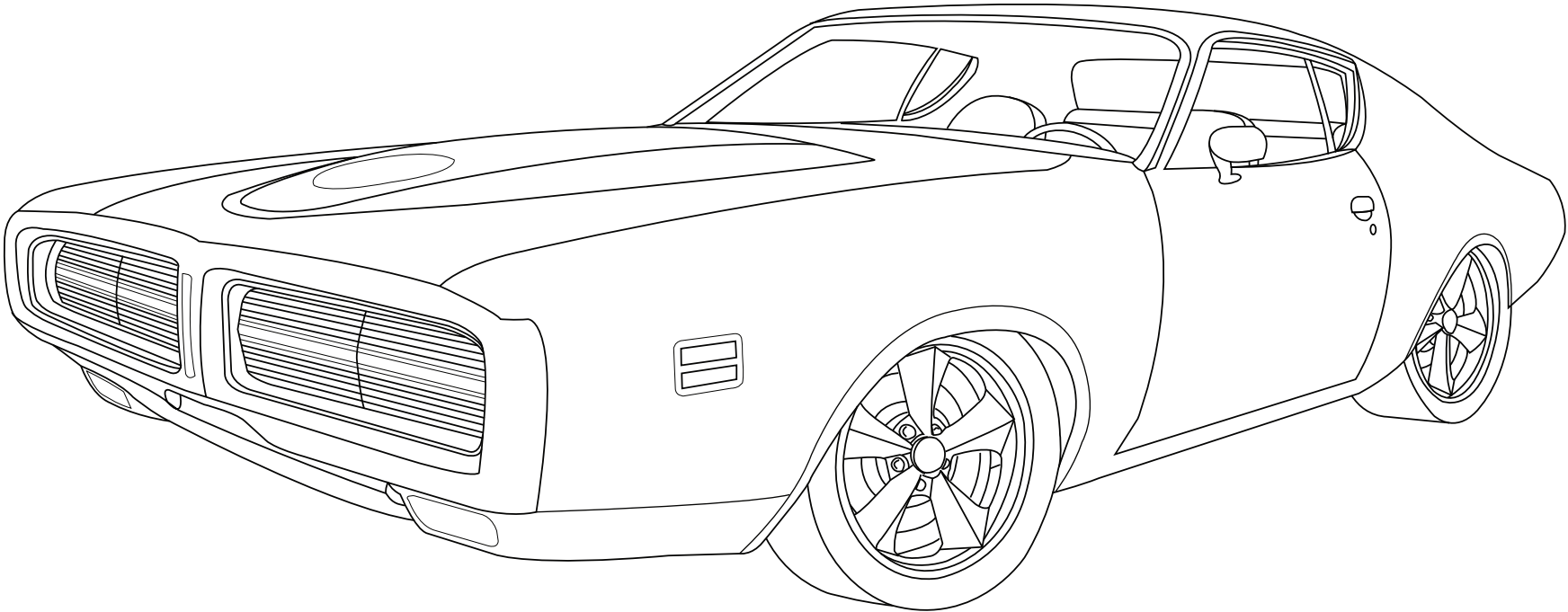




**WARNING:**

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 new upgraded AAW wiring system should typically be used in a MODIFIED application only.
- 2. This kit includes the wiring to support the use of a factory heater only system and/or aftermarket heater and A/C systems. **This kit does not include the wiring for the factory original A/C system.** An optional A/C Kit 510474 is available that will allow you to use your original factory A/C components,
- 3. There is no wiring in this kit for the electric headlight motors used on the hideaway headlight system, nor does this kit support that system in any way.
- 4. This kit only supports the use of a higher current, self-exciting 1-wire alternator. **The use of the factory externally regulated alternator is not supported with this kit.**
- 5. AAW **DOES NOT** support the use of an ammeter. All AAW kits are engineered to supply the optimum charge to the battery. To achieve this performance, we route our 6 gauge charge wire from the alternator output charge terminal to the starter relay battery terminal. Due to the path of the charge being altered from the stock configuration, the gauge can no longer see a charge vs. discharge. This wiring system has been designed to work with a voltmeter.
- 6. This kit **IS NOT** set up with a resistance wire for a standard, points 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.



510691 - Classic Update Series Kit  
1971-74 MOPAR B-Body

This kit contains the following components:

	Part		
Bag	Number	Description	QTY
	500042	Floor Dimmer Switch	1
	510698	Headlight Switch	1
	510697	Fuse, Relay, and Flasher kit	1
	500919	Practice Terminal Crimping Set	1
G	510787	Dash Harness kit	1
H	510788	Instrument Cluster wiring kit	1
J	510786	Engine Wiring Kit	1
L	510695	Front Light Wiring kit	1
M	510696	Rear Body Wiring kit	1
V	510730	VSS Connection Kit	1
Z	510476	Alt. & Main Power Connection Kit	1
	520002	Digital Gauge System Dim Wire - Ford Kits	1
	92971839	Bulkhead Connector Mtg Template	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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1971-74 MOPAR B-Body  
Classic Update Series  
510691

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92972832 Rev 3.1 07/24/2025

# 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 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:

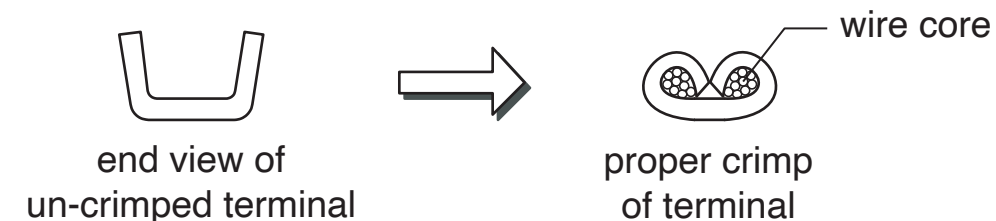
[www.youtube.com/watch?v=JAgEDoVI-co](http://www.youtube.com/watch?v=JAgEDoVI-co)

YouTube Channel:

[www.youtube.com/user/WiringHarness](http://www.youtube.com/user/WiringHarness)



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.



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



We carry many accessories for your 1971-74 MOPAR B-Body:



p/n 500479  
Universal Relay Kit



p/n 510474  
A/C Overlay Wiring Kit



p/n 500235  
Billet Aluminum  
Knob  
(fits a 1/4" shaft)  
(use on wiper switch)



p/n 500093  
Universal Waterproof  
Relay Kit



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

**1971-74 MOPAR B-Body**

Classic Update Series

**510691** 92972832 Rev 3.1 07/24/2025

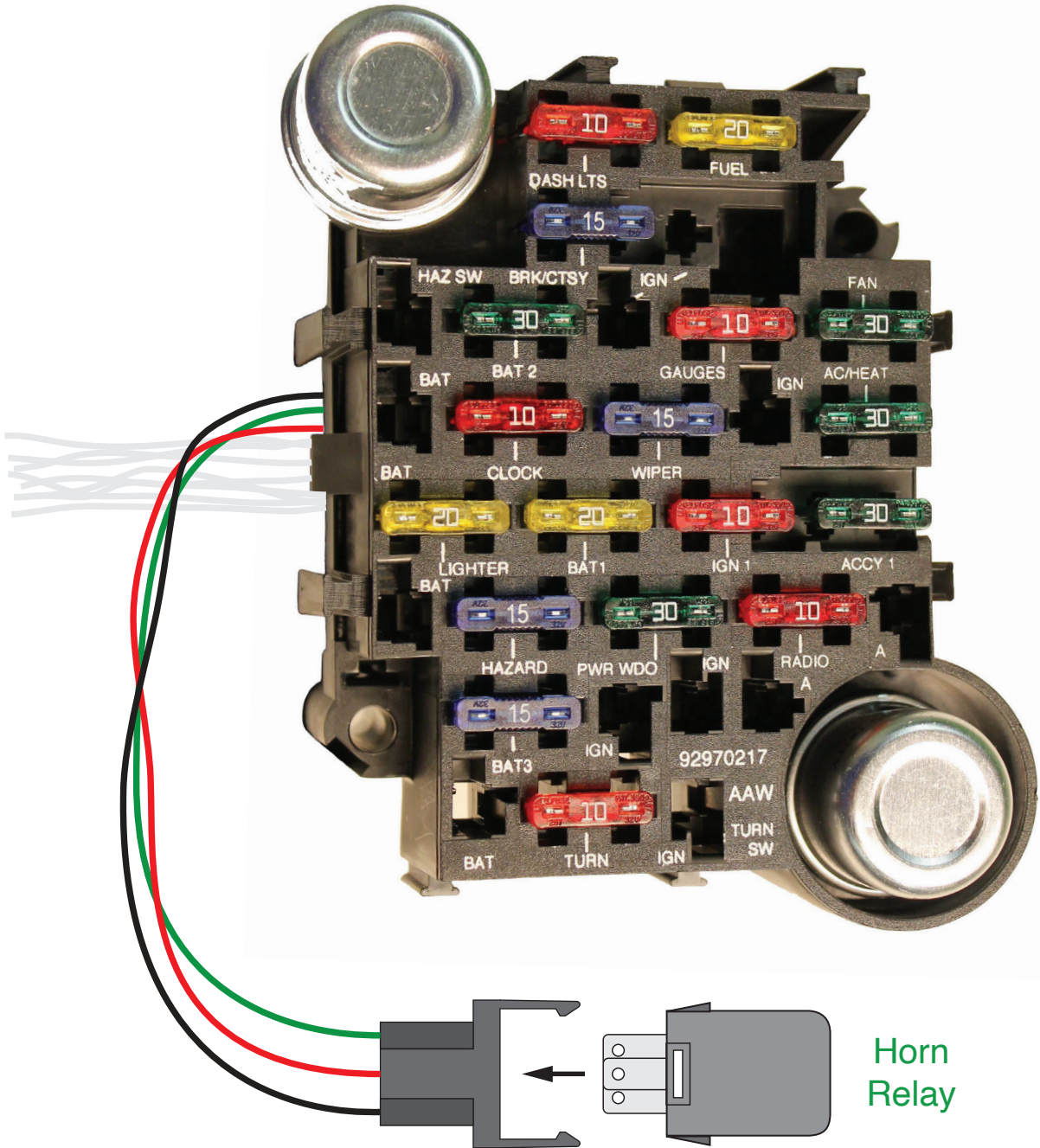


STEP 1: DISCONNECT YOUR BATTERY

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 510697 and plug all of the fuses and the flashers to the Fuse Block (see below). Plug the Horn Relay to the Dash harness (see below).



Fuse usage details

Fuse #	Fuse Block Printing	Fuse Rating	System Wiring Protected
1	DASH LTS	10A	Cluster lights, any dash illumination lights.
2	FUEL	20A	Electric fuel pump, electric speedo power (Accy 6-way conn).
3	BRK/CTSY	15A	Stop lights, courtesy lights, dome light, battery feed in Rear Body (trunk light), map light, tail lights and park lights.
4	BAT 2	30A	Power seats (Accy 6-way conn).
5	GAUGES	10A	Oil pressure warning light, brake warning light, backup lights, reverse warning light and optional tachometer.
6	FAN	30A	Electric fan.
7	CLOCK	10A	Clock, radio battery feed.
8	WIPER	15A	Wiper.
9	AC/HEAT	30A	Air conditioning/heater feed.
10	LIGHTER	20A	Lighter.
11	BAT 1	20A	Power locks (Accy 6-way conn).
12	IGN 1	10A	Electric choke.
13	ACCY 1	30A	Accessory feed for options (Accy 6-way conn).
14	HAZARD	15A	Hazard lights.
15	PWR WDO	30A	Power windows (Accy 6-way conn).
16	RADIO	10A	Accessory feed for radio.
17	BAT 3	15A	Battery feed for options (Accy 6-way conn).
18	TURN	10A	Turn signals.

STEP 3: PREPARING TO INSTALL THE DASH HARNESS

Remove the dash frame assembly from the vehicle. You be installing the harness onto it.

STEP 4: DRILL THE FUSE BLOCK MOUNTING HOLES

Obtain the Bulkhead Mounting Template 92971839 and drill the two 1/8” holes in the firewall. This will prep the firewall so that it’s ready to accept the new dash harness and Fuse Block/Bulkhead Assembly. Note that the mounting template can be used from either inside the passenger compartment, or outside in the engine compartment. Verify that the new holes in the firewall are in alignment with the Fuse Block/Bulkhead Assembly by positioning the Fuse Block/Bulkhead Assembly in the firewall. Insert the self tapping screws “M” (see page 5), into the Fuse Block/Bulkhead Assembly to make sure the threaded portion aligns with the new holes in the firewall. Do not permanently attach the Fuse Block/Bulkhead Assembly to the firewall until after the dash frame/Dash Harness assembly is installed in the vehicle.

STEP 5: INSTALL THE CLIPS AND J-CLAMPS

Obtain the two 1” wraparound clips item “D” and install to the dash near the speaker opening (see page 12). Obtain the 3 J-Clamps item “R” (see page 12) and attach to the existing dash pad studs.

STEP 6: START INSTALLING THE 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 on page 4:




Table of Contents:


<u>Bags:</u> G	<u>Pages:</u> 5-11	<u>Sections:</u> Dash Harness ( <b>Part 1</b> Installation) – This is the main harness in the kit and it should first be installed to the dash frame assembly. Install the main trunk of the Dash Harness in the original factory trough. The Dash Harness contains:  Instrument Cluster Harness connections Headlight Switch connections Courtesy Light connections Cigar Lighter connection Heater Blower Resistor connection  Dash Harness ( <b>Part 2</b> Installation) – After installing the Dash Harness to the dash frame assembly, now install the entire assembly back into the vehicle. Attach the Fuse Block/Bulkhead Assembly to the firewall. The Dash Harness now connects to the following components:  Ignition Switch Stop Light Switch Rear Body Harness LH & RH Door Jamb Switches Dimmer Switch  Map Light connection Heater Overlay Harness (Item T) connection Ground connection Ash Tray Light connection Glove Compartment Light connection  Wiper Switch connections Heater Switch Control Assembly connections Radio wires Reverse Warning Light connection Electric Speedometer Ground connection			
H	12-16	Instrument Cluster Harness – This harness is assembled by the customer and connects to:  <table><tr><td><u>Non-Rallye Cluster</u> Printed Circuit Board (PCB) Clock Tachometer</td><td><u>Rallye Cluster</u> Constant Voltage Regulator (CVR) Brake Warning Light High Beam Indicator Light Ground Tachometer</td><td>Dash Illumination Lights RH and LH Indicator Turn Lights Gas, Oil, and Temperature Gauges Clock</td></tr></table>	<u>Non-Rallye Cluster</u> Printed Circuit Board (PCB) Clock Tachometer	<u>Rallye Cluster</u> Constant Voltage Regulator (CVR) Brake Warning Light High Beam Indicator Light Ground Tachometer	Dash Illumination Lights RH and LH Indicator Turn Lights Gas, Oil, and Temperature Gauges Clock
<u>Non-Rallye Cluster</u> Printed Circuit Board (PCB) Clock Tachometer	<u>Rallye Cluster</u> Constant Voltage Regulator (CVR) Brake Warning Light High Beam Indicator Light Ground Tachometer	Dash Illumination Lights RH and LH Indicator Turn Lights Gas, Oil, and Temperature Gauges Clock			
	12	<u>Aftermarket Gauges</u> All gauges			
M	17-18	Rear Body Harness –This harness connects to:  Dash Harness Third Brake Light Original Tail Light Harness  Dome Light Pigtail Fuel Tank Sender Rear Side Markers  Rear Door Jamb Switches (4-door) Trunk Light			
L	19-22	Front Light Harness –This harness connects to:  Bulkhead Connector Electric Fan (requires an optional Relay Kit) Horns Washer Reservoir  Wiper Motor LH Headlights RH Headlights  Brake Warning Switch LH Park/Turn Signal, Side Marker, Fender Top Turn Signal Lights RH Park/Turn Signal, Side Marker, Fender Top Turn Signal Lights			
J	23-28	Engine Harness –This Harness connects to:  Back-up Light Switch, Neutral Safety Switch Alternator  Ignition System Starter Relay  Electric Choke, Oil Pressure and Water Temperature Senders			

# 510787 Dash/Main harness installation instructions:

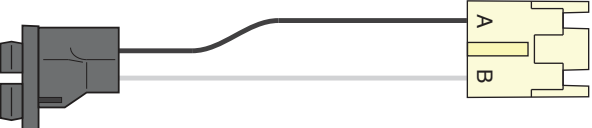
Below are the supplied misc. terminals, connector bodies and assorted components included in the Dash/Main Harness and Loose Piece bags. These will be used to complete your Dash/Main harness connections and are referred by the letters and descriptions below from this point forward.

A


(courtesy light extension - reference, 2 pcs)

B

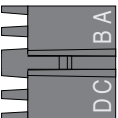
(steering column ground extension - reference, 1 pc; extension is mounted between the steering column and the steering column support bracket)

C


(AC/Heater switch illumination extension - reference, 2 pcs)

D


(routing clip, 2 pcs.)

E

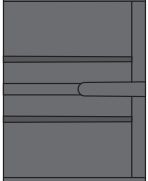
(Pack-Con 4-way male connector, 1 pc.)

F


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

G

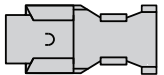
(Pack-Con male terminal, 15 pcs.)

H

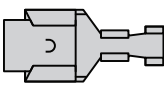
(56 Series 6-way female connector, 1 pc)

J


(56 Series single female connector, 1 pc)

K


(56 series double female terminal, 15 pcs.)

L


(56 series single female terminal, 15 pcs.)

M


(self tapping screw, 2 pcs.)

N

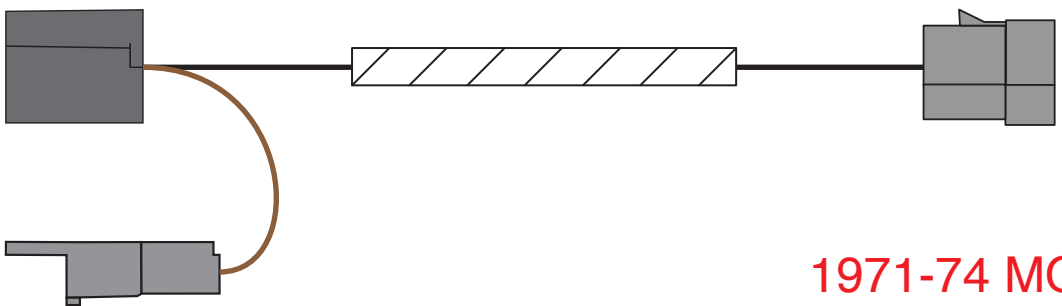
(bullet terminal, 6 pcs.)

P

(rubber sleeve, 6 pcs.)

R

(J-clamp, 3 pcs.)

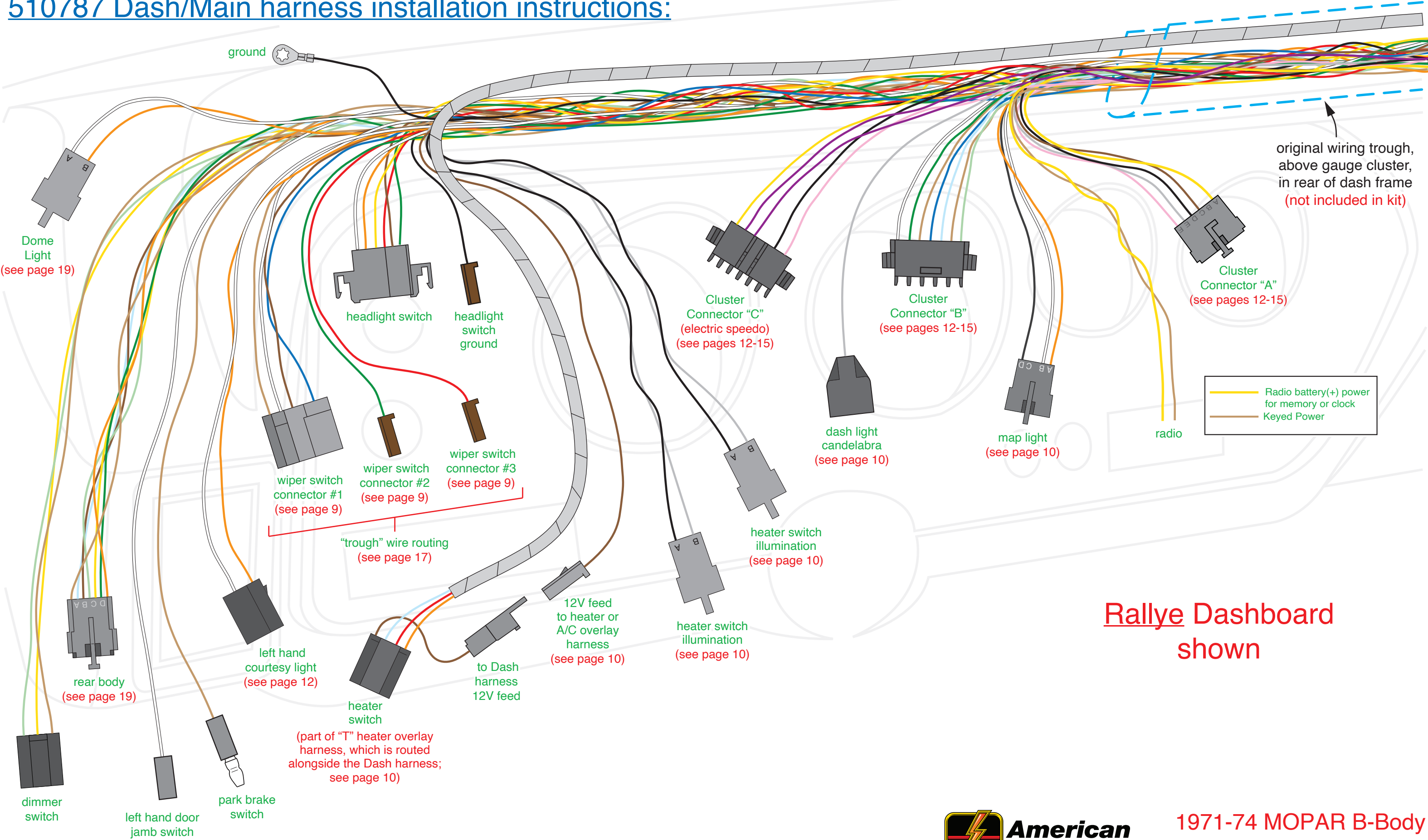
T

(heater overlay harness - reference, 1 pc)





510787 Dash/Main harness installation instructions:

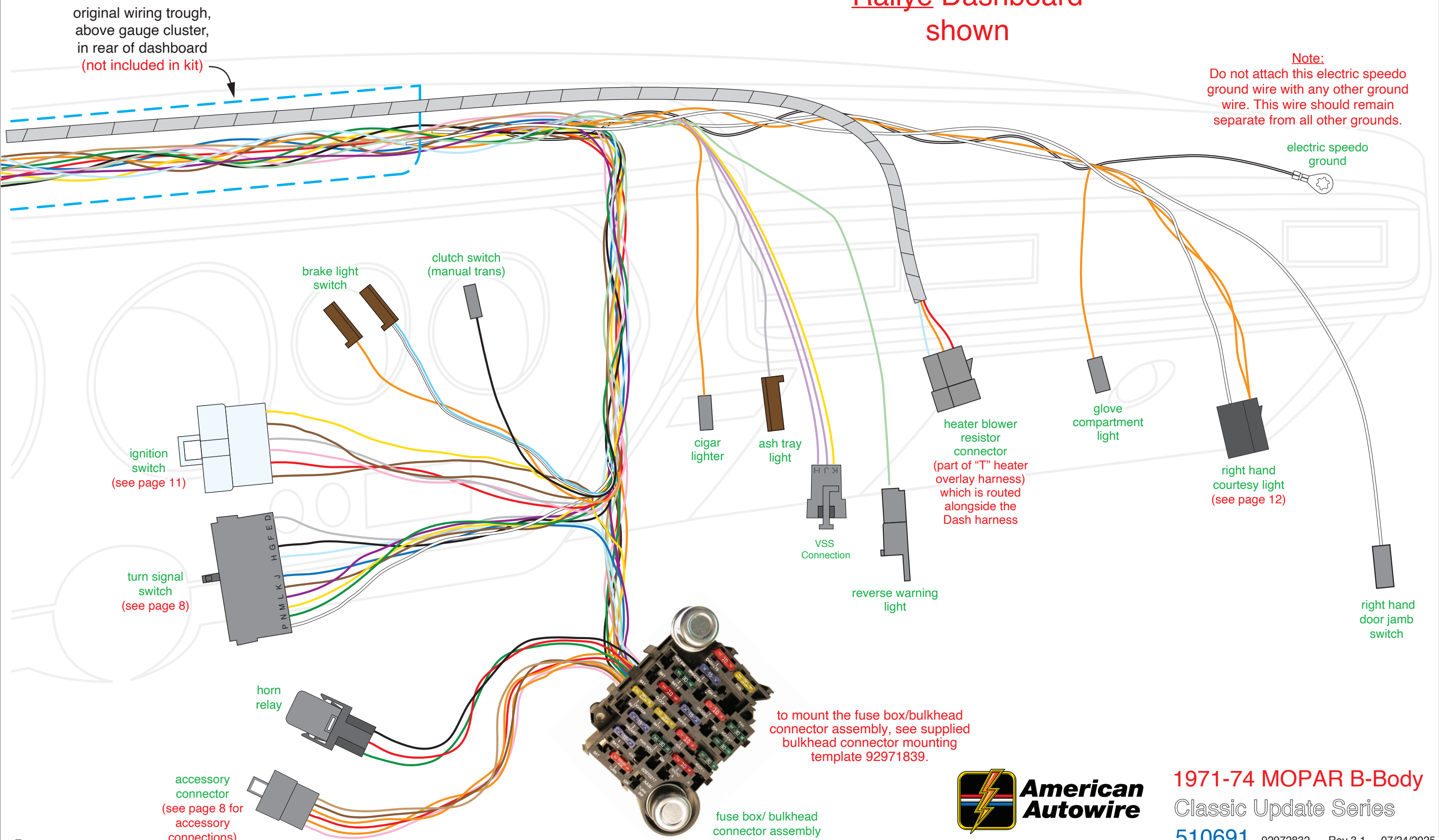


Rallye Dashboard shown



510787 Dash/Main harness installation instructions:

Rallye Dashboard shown



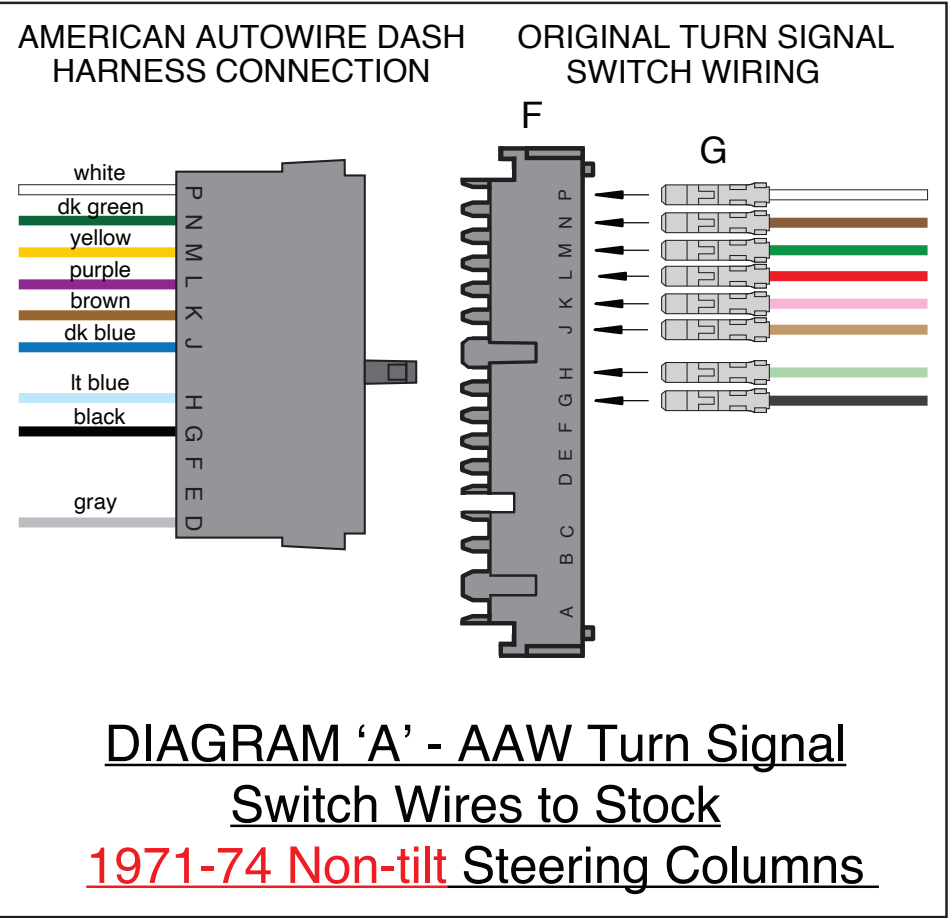
510787 Dash/Main harness installation instructions:

Non-Tilt Steering Column

Tilt Steering Column

“Table B”

“Table C”



AAW Turn Signal Switch wires to stock 1971-74 MOPAR B-Body Turn Signal Switch (Non-tilt steering column)

AAW Wire Color	AAW Wire Printing	Connector Cavity AAW	B-body Wire Color	Aftermarket Color
White	Brake SW	P	White	White
Dark Green	Right Rear Turn	N	Brown	Dark Green
Yellow	Left Rear Turn	M	Dark Green	Yellow/Black
Purple	Turn Switch Feed	L	Red	Red
Brown	Turn SW – Hazard	K	Pink	Blue
Dark Blue	Right Front Turn	J	Tan	Light Green
Light Blue	Left Front Turn	H	Light Green	Yellow
Black	Horn Relay Ground	G	Black	Green/White
None	None	F	None	None
None	None	E	None	None
Gray	DASH LIGHTS	D	None	None

**Note:** Remove the original Turn Signal Switch Connector and replace it with the AAW 14-way connector “F”. Crimp on terminal “G” to each of the original Turn Signal Switch wires and plug them into connector “F” (see Parts Kit 92972828).

Use “Table B” above to align the wires. The gray DASH LIGHTS wire, in the AAW Connector cavity “D”, can be used to provide 12V to the Ignition Switch Illumination Light or an Illumination Light in an aftermarket Steering Column.

AAW Turn Signal Switch wires to stock 1971-74 MOPAR B-Body Turn Signal Switch (Tilt steering column)

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

Plug the AAW Dash Harness 11-way female Turn Signal Switch Connector directly to the original male 14-way Turn Signal Switch Connector (Tilt Steering Column). All of the wires are already aligned. The above information is for reference only.

**Note:** Since the Key-In-Ignition Warning Buzzer wires are not included in the AAW connector (cavities E and F), the wires in the original B-body connector will not mate with any other wires.

Accessory Connector

Use the provided 6-way empty connector, which is attached to the 6-way Accessory connector on the Dash Harness, and terminals “K” and “L” (see Parts Kit 92972828) to add power wires for the following optional systems:

Wire Color	Wire Printing	Fuse Block Printing	Fuse rating	Description
Orange	no printing	BAT3	15A	Fused 12 volt BATTERY feed spare (may also be used to feed power to another battery circuit)
Tan	FUEL PUMP	FUEL	20A	Fused 12 volt IGNITION feed for an electric fuel pump (may also be used to feed power to another ignition circuit).
Orange	POWER SEATS	BAT2	30A	Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit).
Red	POWER LOCKS	BAT1	20A	Fused 12 volt BATTERY feed for power locks (may also be used to feed power to another battery circuit).
Pink	POWER WINDOWS	PWO WDO	30A	Fused 12 volt ACCESSORY feed for power windows (may also be used to feed power to another accessory circuit).
Brown	IGNITION SW ACCY	ACCY1	30A	Fused 12 volt ACCESSORY feed for options.



1971-74 MOPAR B-Body Classic Update Series 510691 92972832 Rev 3.1 07/24/2025

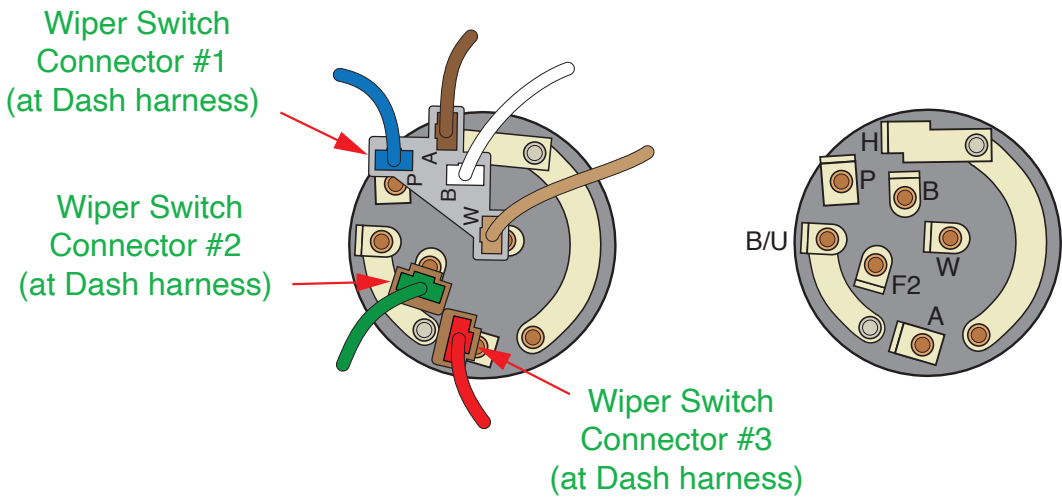


510787 Dash/Main harness installation instructions:

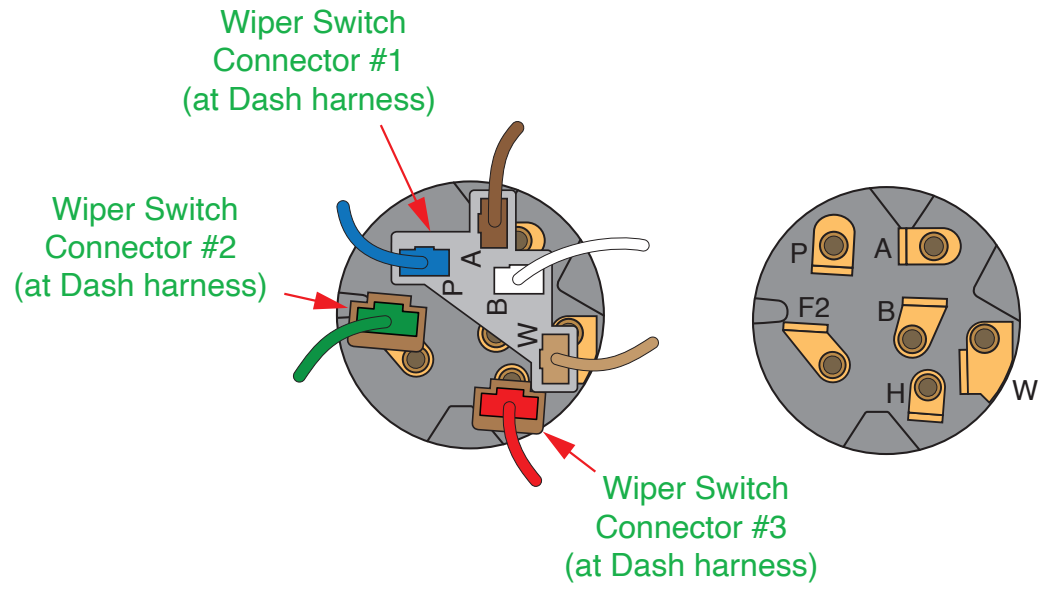
wiper switch wiring (Rallye & non-Rallye):

- A\* Armature – AAW brown, no printing wire.
- B 12V Accessory Feed – AAW white, “WIPER FEED” wire. This wire can also be removed from the connector to be used as a 12v+ power source for an aftermarket wiper system.
- B/U - Not Used.
- F1\* or H\* Field #1 – AAW red, no printing wire.
- F2\* or P2\* Field #2 – AAW dark green, no printing wire.
- P\* or P1\* Park – AAW dark blue, no printing wire.
- W This is the feed to the Washer Pump, AAW tan, no printing wire. This is an option and the tan wire may not need to be connected.

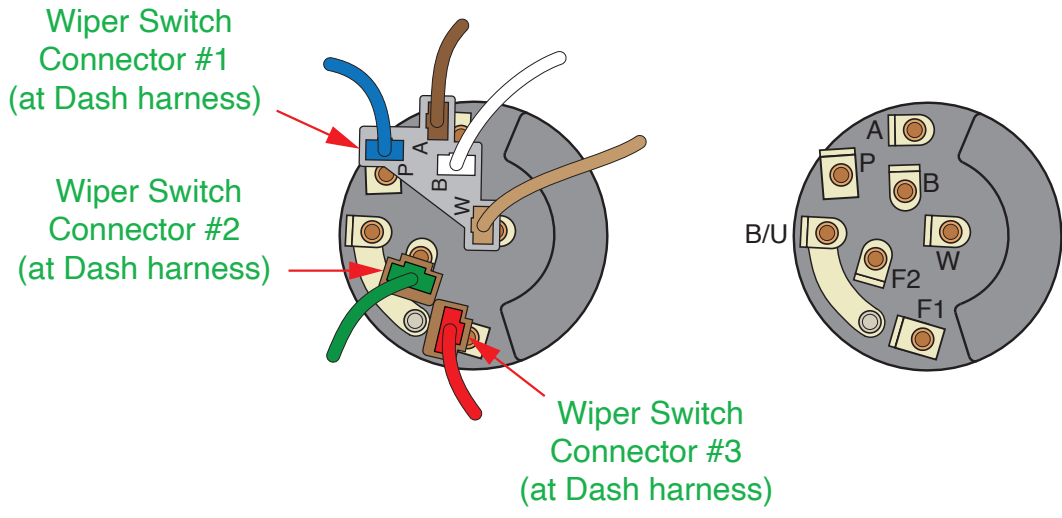
1971  
2-speed  
wiper switch



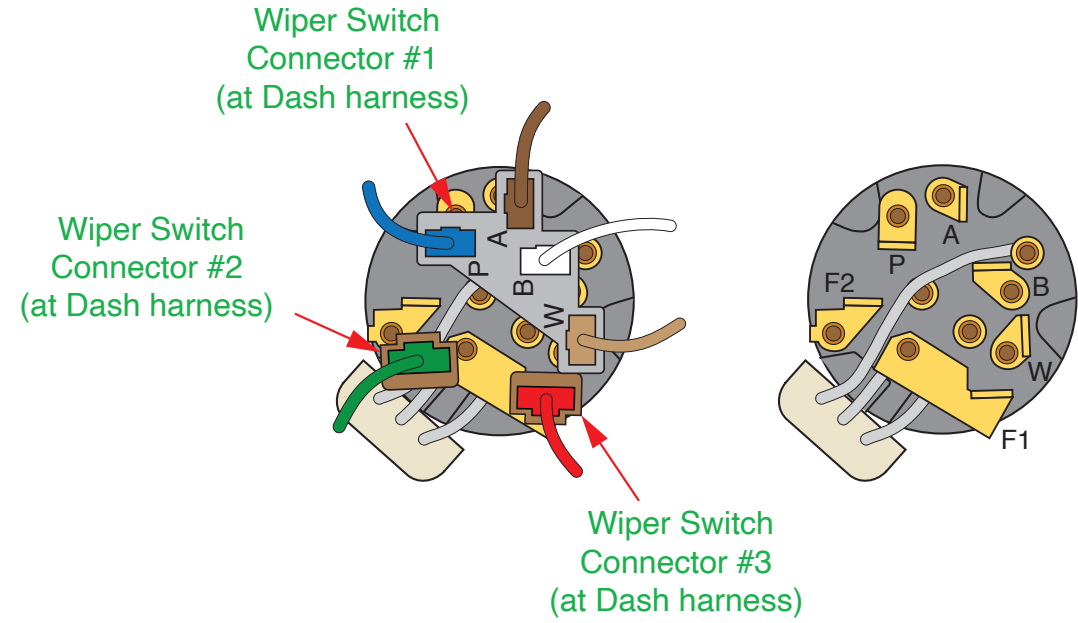
1972-74  
2-speed  
wiper switch



1971  
variable-speed  
wiper switch



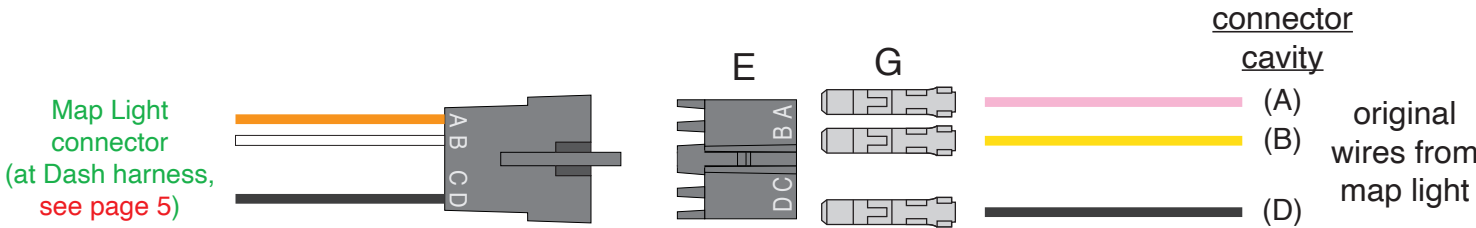
1972-74  
3-speed  
wiper switch



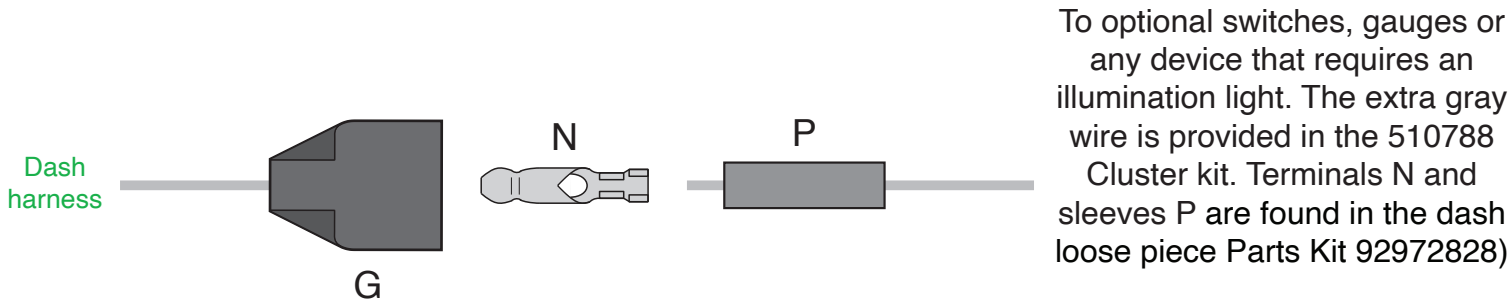
**NOTE:** To work correctly, switches must be properly grounded. Switches are grounded through their mounting.

510787 Dash/Main harness installation instructions:

map light wiring:



dash light candelabra wiring:



American Autowire

1971-74 MOPAR B-Body

Classic Update Series

510691

92972832

Rev 3.1

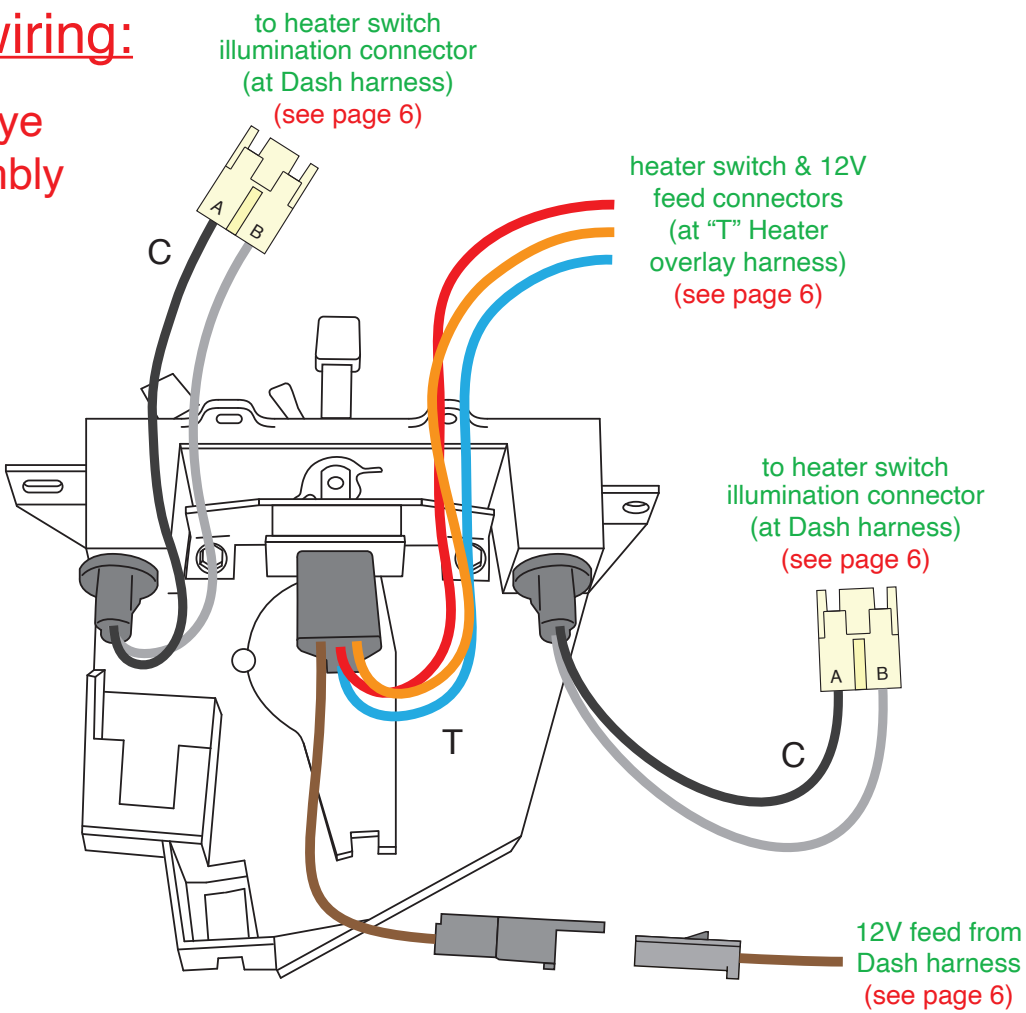
07/24/2025

heater only control wiring:

1971-72 Rallye/Non-Rallye  
Heater only control assembly  
(top, rear view)

IF YOU HAVE PURCHASED THE 510474 A/C OVERLAY HARNESS, THE "T" HEATER OVERLAY HARNESS AND THE INSTRUCTIONS ON THIS PAGE, WILL BE REPLACED BY THE A/C OVERLAY HARNESS AND INSTRUCTIONS (SEE 510474 A/C KIT INSTRUCTION DRAWING 92972141)

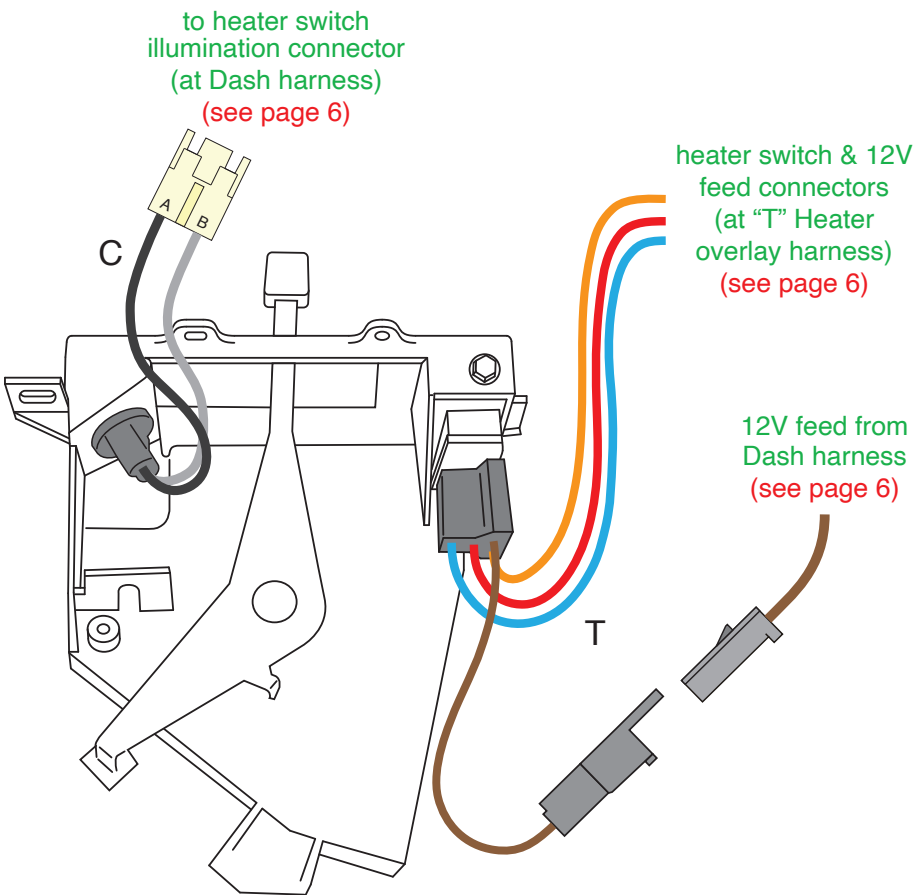
route wires as shown



1973-74 Rallye/Non-Rallye  
Heater only control assembly  
(top, rear view)

IF YOU HAVE PURCHASED THE 510474 A/C OVERLAY HARNESS, THE "T" HEATER OVERLAY HARNESS AND THE INSTRUCTIONS ON THIS PAGE, WILL BE REPLACED BY THE A/C OVERLAY HARNESS AND INSTRUCTIONS (SEE 510474 A/C KIT INSTRUCTION DRAWING 92972141)

route wires as shown

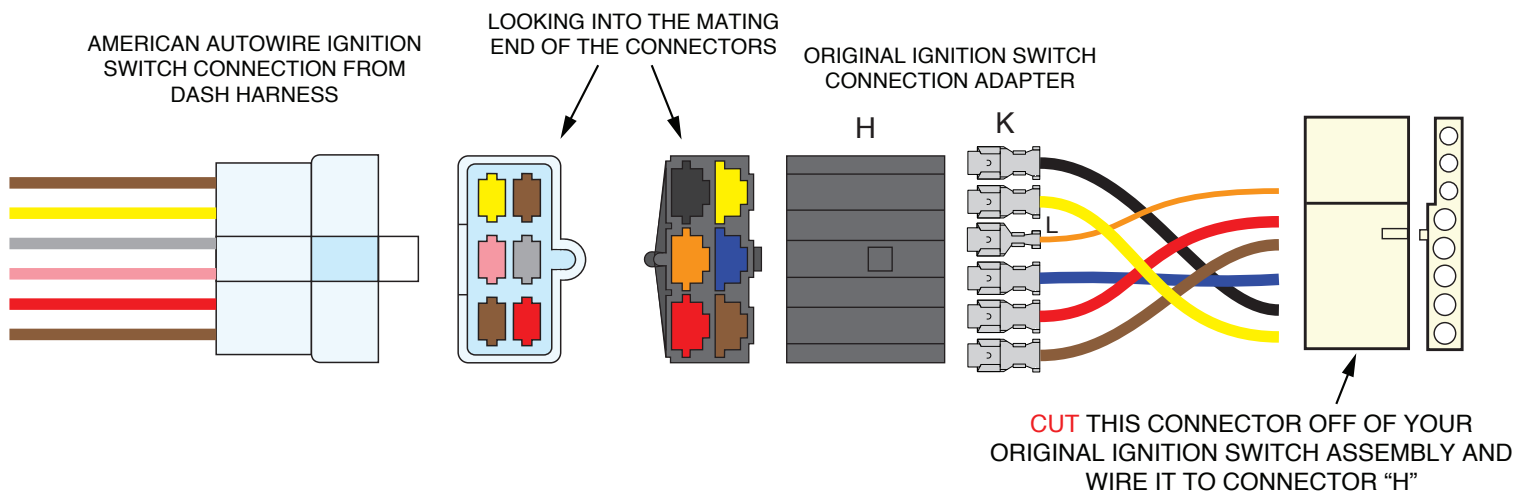


# 510787 Dash/Main harness installation instructions:

## Ignition switch wiring:

### Factory MOPAR Column Ignition Switch Connection

Use this diagram to connect to a factory original column-mounted ignition switch.



“Table A”

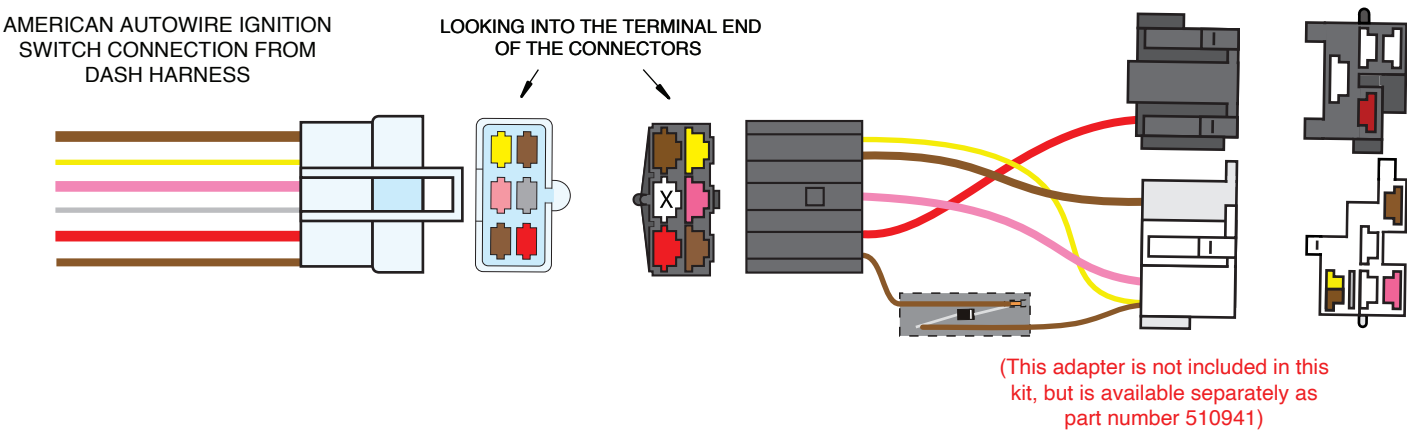
MOPAR B-Body 1971-74 Ignition Switch Wires

AAW Wire Color	AAW Wire Printing	Wire Description	B-Body Wire Color
Yellow	(none)	Start	Yellow
Brown (double)	Ignition switch Accy	12V Accessory Feed	Black
Pink	Ignition feed	Ignition Output 1	Dark Blue
Gray (double)	Dash lights	Column shifter	Orange
		Indicator Light	
Brown	(none)	Ignition Output 2	Brown
Red	12V Battery	12V Battery Feed	Red

**Note:** Be sure to align the B-Body wire with the corresponding AAW wire in the 6-way connector “H”. Crimp on terminal “L” for the thinner wires and terminal “K” for the thicker wires (see Parts Kit 92972828). The two additional thin red wires in the original stock Ignition Switch Connector pigtail, are for the Key-in-Ignition Warning Buzzer and **will not be used** and can be taped back.

### Aftermarket GM Style Column-Mounted Ignition Switch Connection

Use this diagram to connect to an aftermarket GM-style column-mounted ignition switch.



“Table B”

Aftermarket Column Ignition Switch Wires

AAW Wire Color	AAW Wire Printing	Wire Description	AAW Column Adapter Wire Color
Yellow	(none)	Start	Yellow
Brown (double)	Ignition switch Accy	12V Accessory Feed	Brown (heavy)
Pink	Ignition feed	Ignition Output 1	Pink
Gray (double)	Dash lights	Column shifter	Orange
		Indicator Light	
Brown	(none)	Ignition Output 2	Brown (thin)
Red	12V Battery	12V Battery Feed	Red



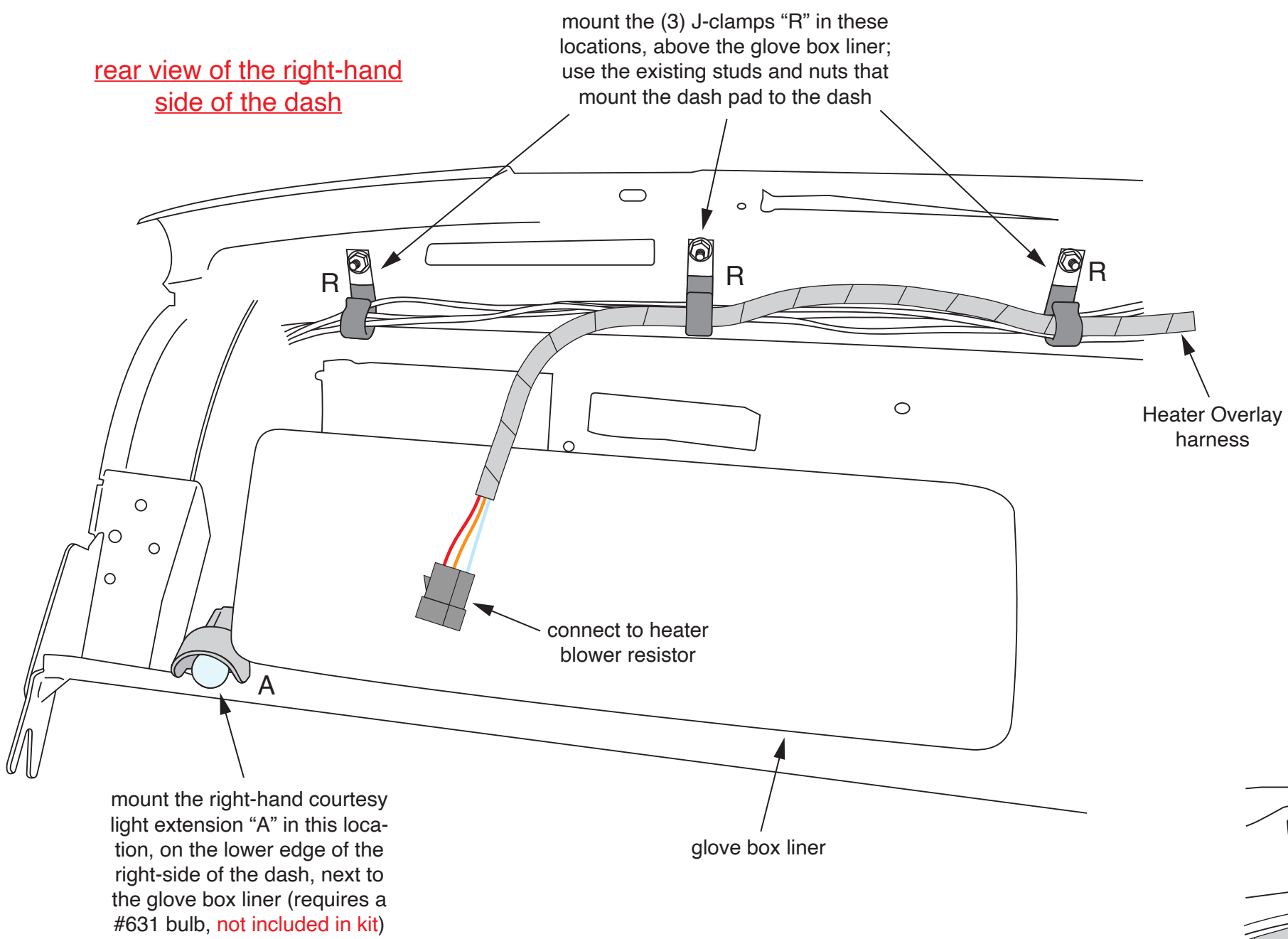
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Classic Update Series

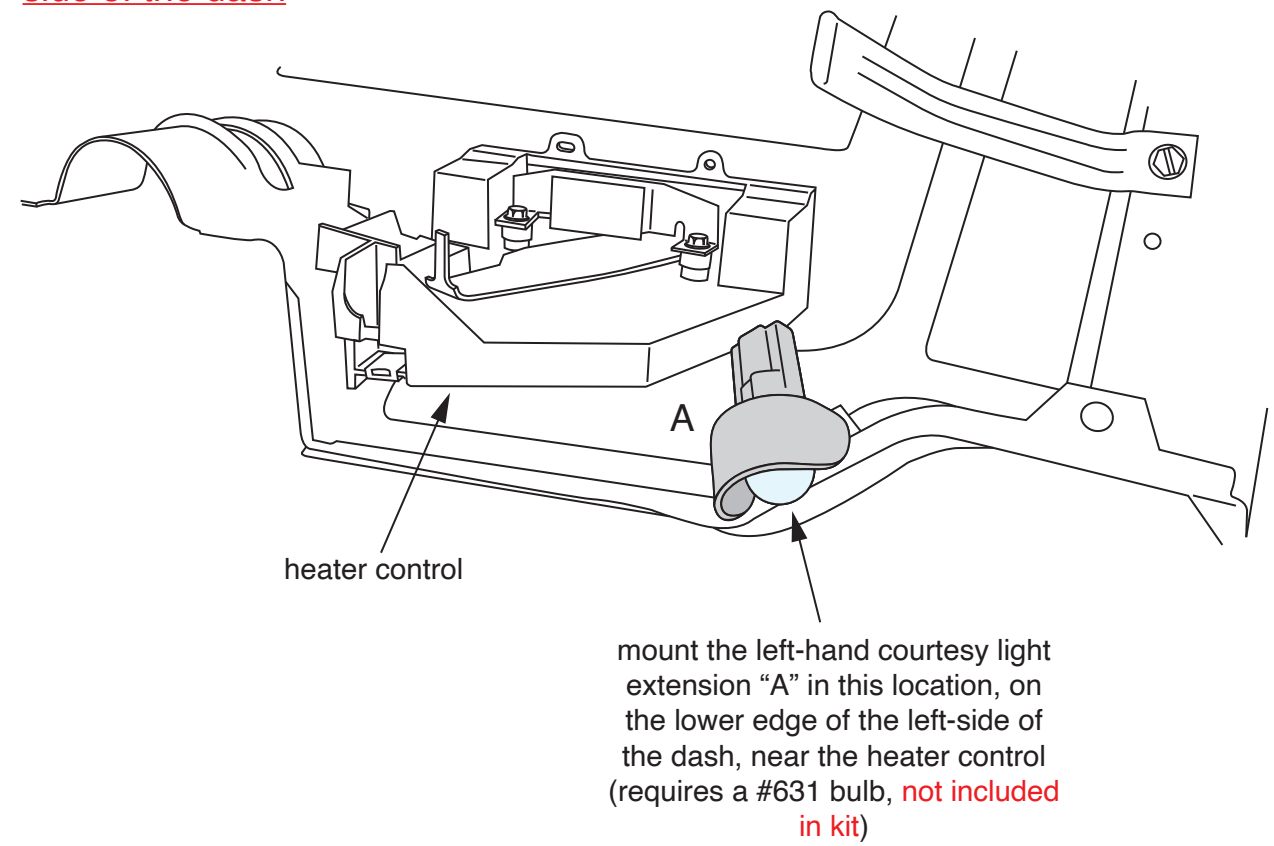
510691 92972832 Rev 3.1 07/24/2025



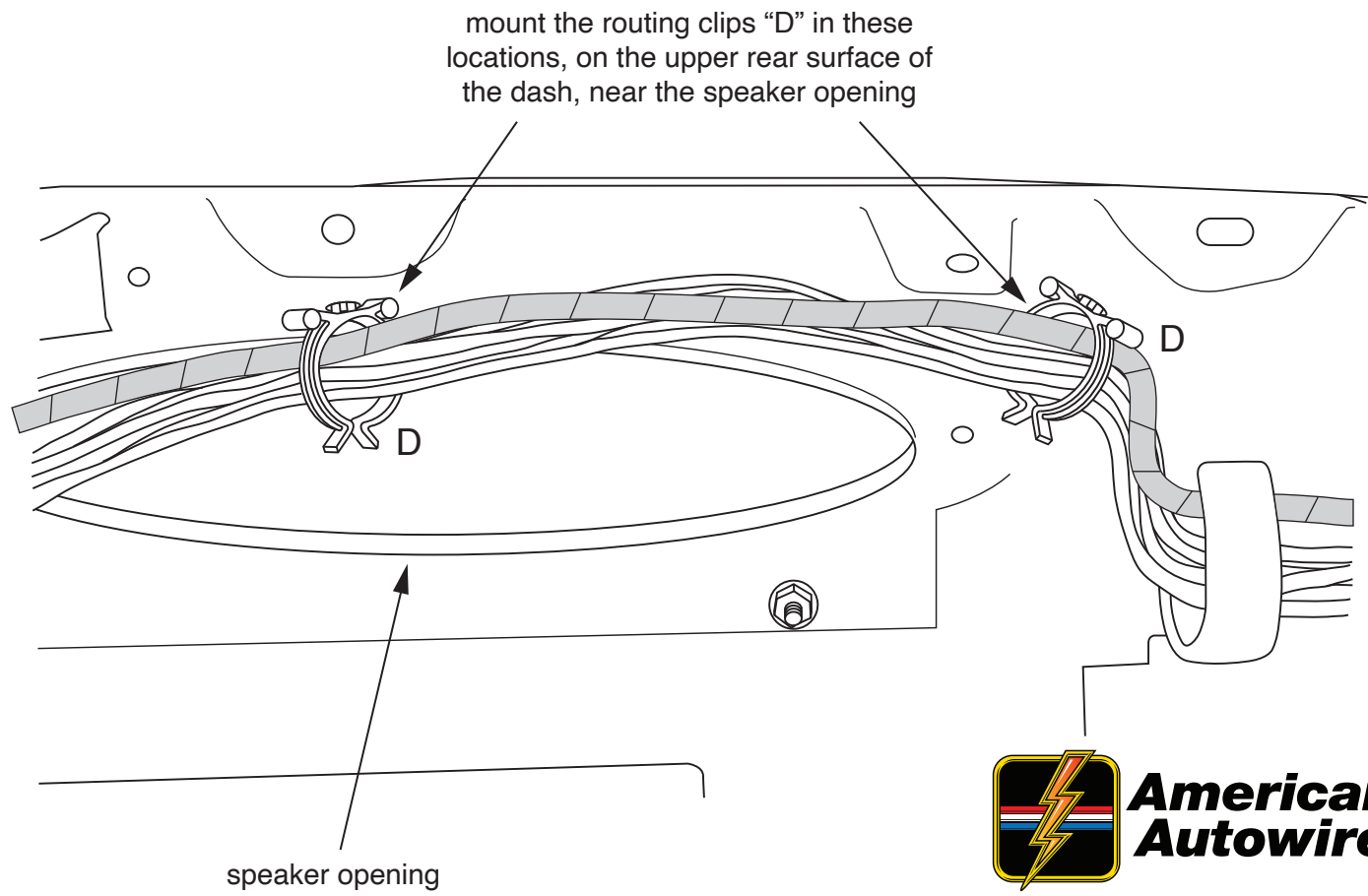
510787 Dash/Main harness installation instructions:



rear view of the left-hand side of the dash



rear view of the center of the dash, near speaker opening



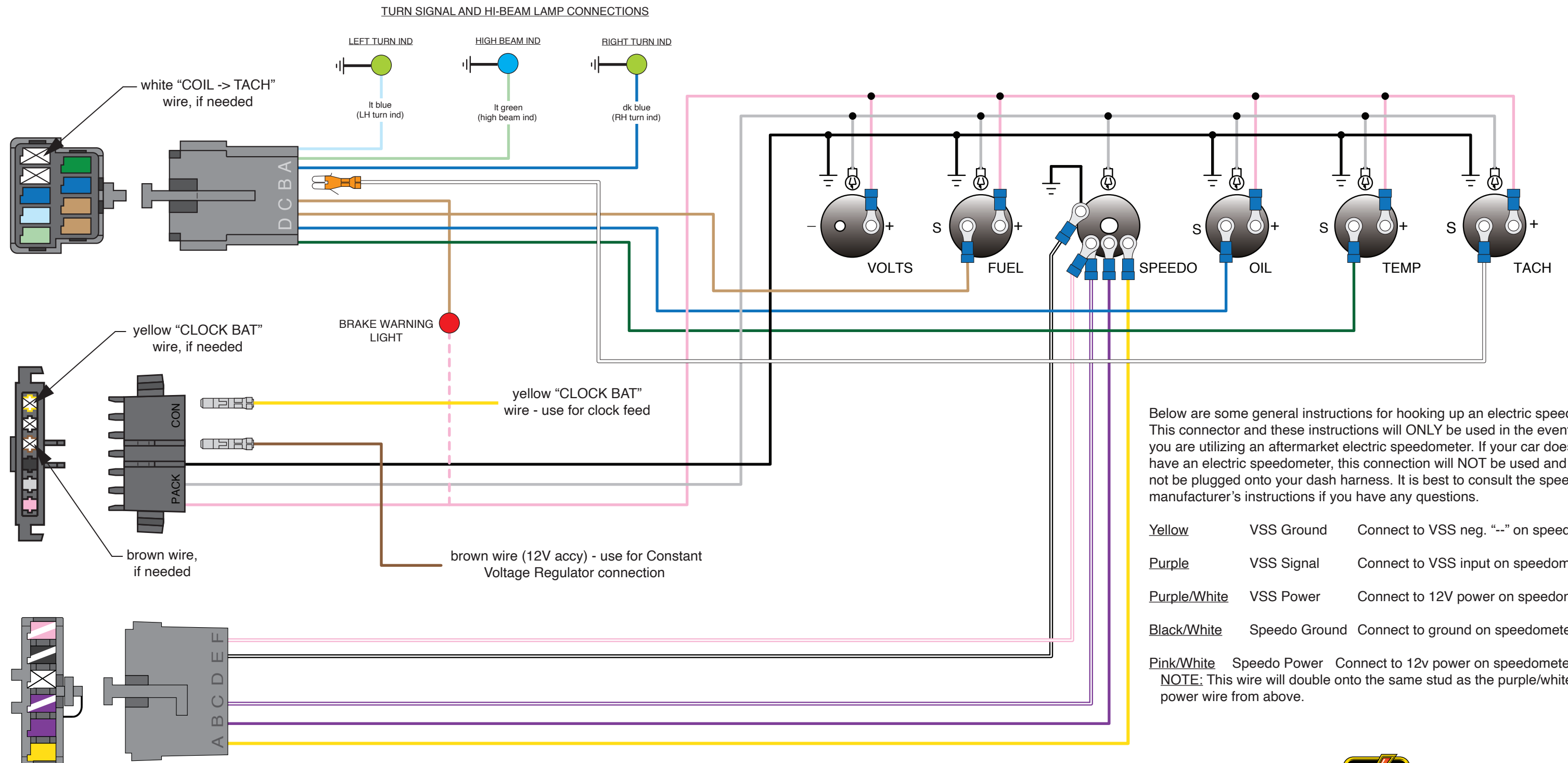
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Classic Update Series

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## 510788 Gauge Cluster harness (aftermarket gauges) installation instructions:



Below are some general instructions for hooking up an electric speedometer. This connector and these instructions will **ONLY** be used in the event that you are utilizing an aftermarket electric speedometer. If your car does **NOT** have an electric speedometer, this connection will **NOT** be used and should not be plugged onto your dash harness. It is best to consult the speedometer manufacturer's instructions if you have any questions.

Yellow      VSS Ground      Connect to VSS neg. "--" on speedometer.

<u>Purple</u>	VSS Signal	Connect to VSS input on speedometer.
---------------	------------	--------------------------------------

<u>Purple/White</u>	VSS Power	Connect to 12V power on speedometer.
---------------------	-----------	--------------------------------------

Black/White Speedo Ground Connect to ground on speedometer.

Pink/White Speedo Power Connect to 12v power on speedometer.  
NOTE: This wire will double onto the same stud as the purple/white VSS power wire from above.

For Factory Gauges  
See pages 13-15



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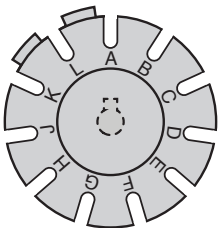
## 1971-74 MOPAR B-Body

## Classic Update Series


510691 92972832 Rev 3.1 07/24/2025

# 510788 Gauge Cluster harness installation instructions:

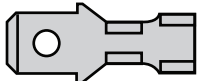
Shown below, are the misc. terminals, plastic connector bodies, sockets, sleeves, and hardware, included in the 510788 Gauge Cluster Loose Piece bag (92972831). These will be used to complete your Gauge Cluster harness connections. They are itemized and referred to on this page just as they are on the following pages of this Gauge Cluster instruction set.

A


(11-way PCB connector, 1pc)

B

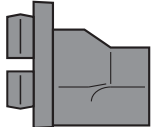
(female terminal, PCB connector, 13 pcs)

C


(male terminal, 1/4", 2 pcs)

D


(rubber sleeve, 4 pcs)

E


( 2-wire light socket, 1 pc)

F

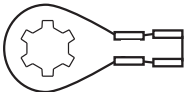
(socket terminal, 16 pcs)

G


(spring, 2-wire light socket, 2 pcs)

H


(terminal, 2-wire light socket, 2 pcs)

J


(ring terminal, 4 pcs)

K

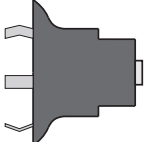
(single female connector, 3 pcs)

L


(female terminal, 4 pcs)

M


(clamp, 2 pcs)

N

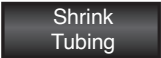
(light socket, 11 pcs)

P

(splice clip, 3 pcs)

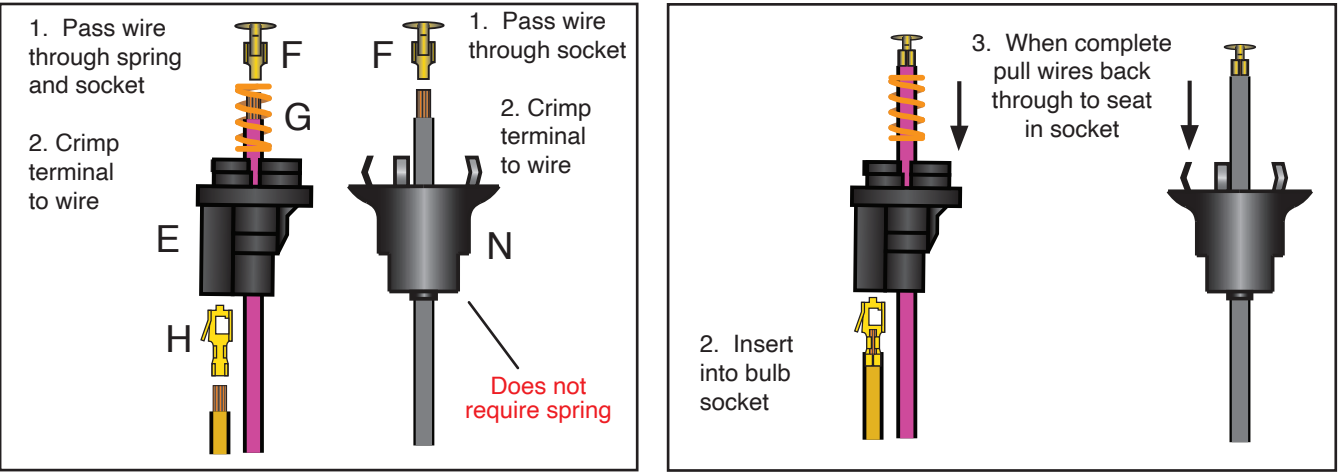
R

(locking-nut, 10 pcs)

S

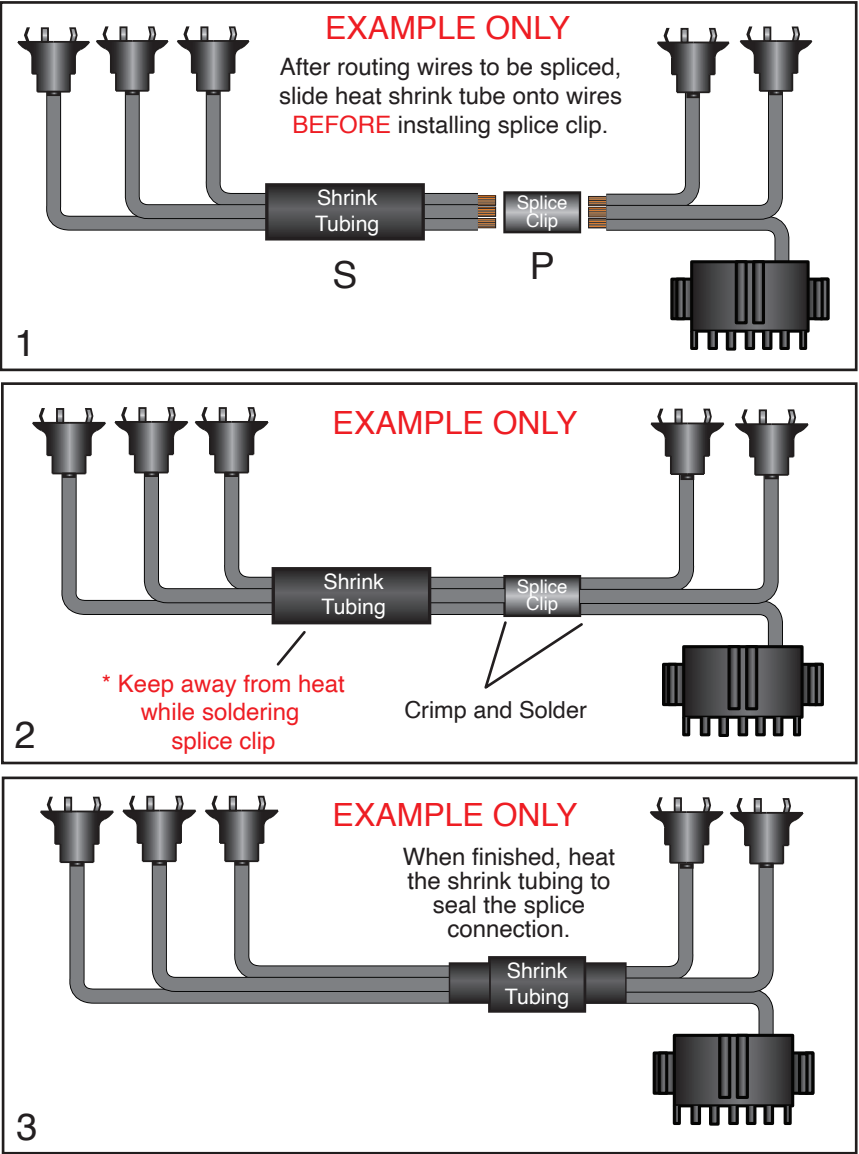
(shrink tubing, 3 pcs)

## How to install light sockets and light socket terminals.



## How to use the splice clip to join multiple wires.

Below is just an **EXAMPLE** of how to use the splice clip and shrink tubing; see your specific application on the following pages for actual splice information.

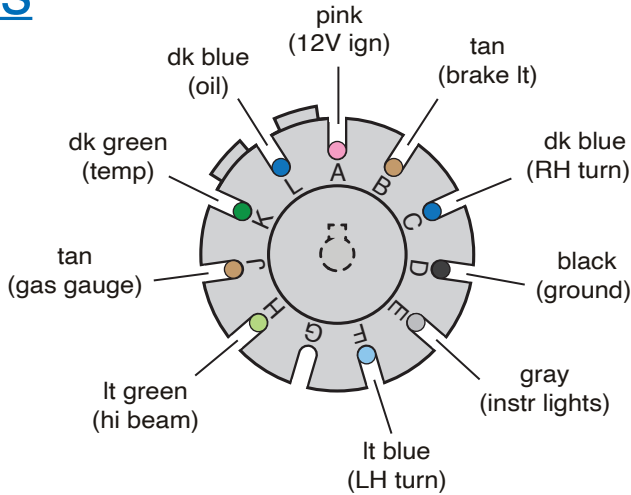




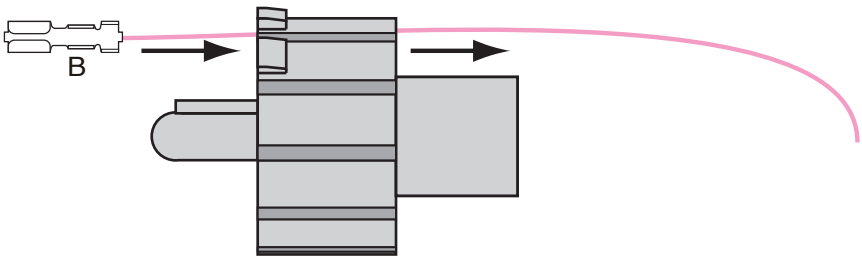
# 510788 Gauge Cluster harness installation instructions:

USE THIS SHEET TO CONNECT TO AN  
ORIGINAL **NON-RALLYE** 1971-74 MOPAR B-BODY  
FACTORY INSTRUMENT CLUSTER

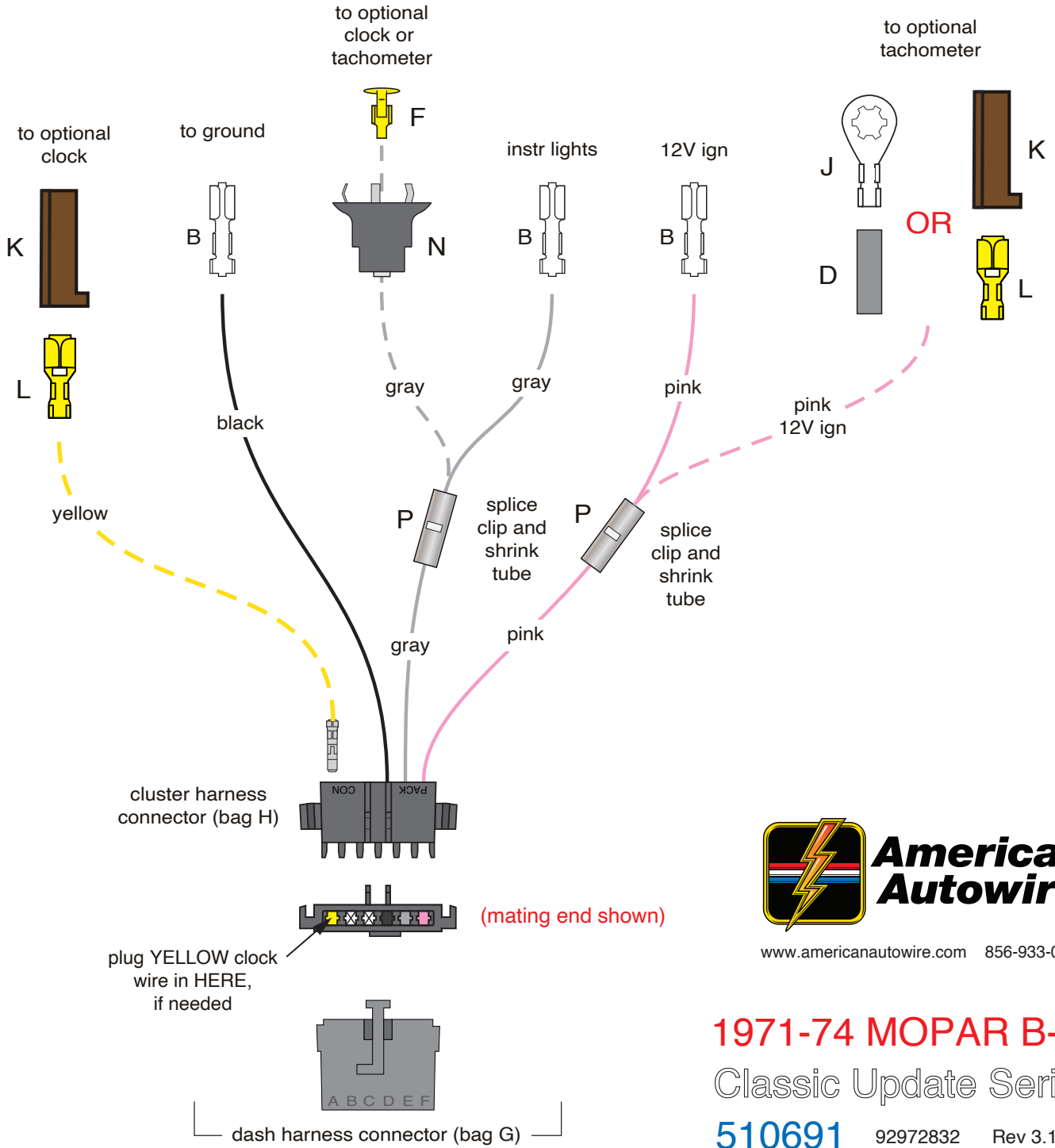
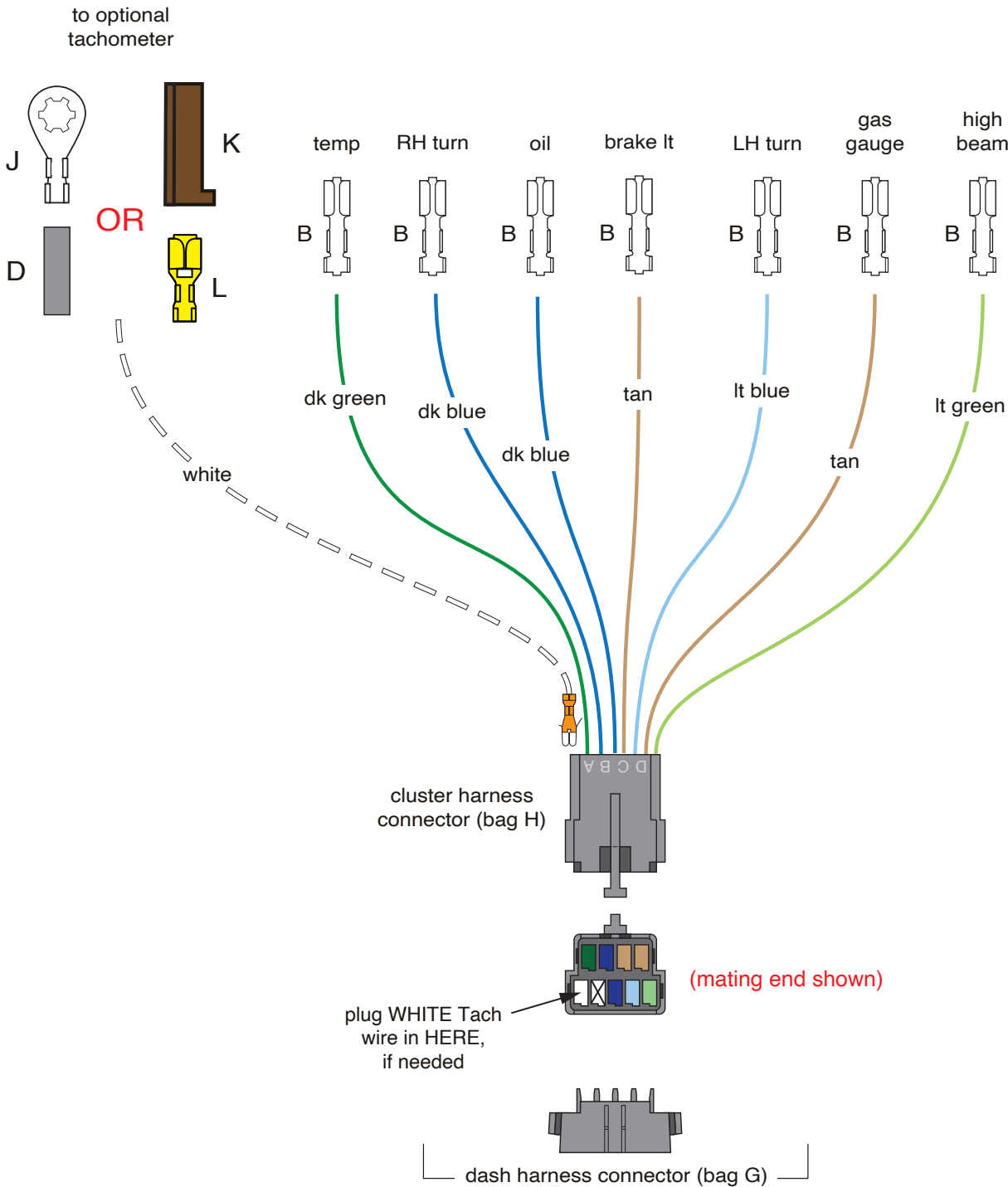
## Standard Gauges: All years



11-way Printed Circuit  
Board Connector  
CONNECTOR A  
(wiring end shown)



**LOADING CONNECTOR 'A':**  
Cluster connector "A" utilizes "pull-to-seat" terminals. Select a wire, crimp terminal "B" on it, slip the terminated wire into the wire slot, then pull the terminated wire to seat inside of connector "A" as shown above.



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## Rallye Sport

### Gauges: All years

brake warning light

to optional tachometer

F

G

E

H

J

D

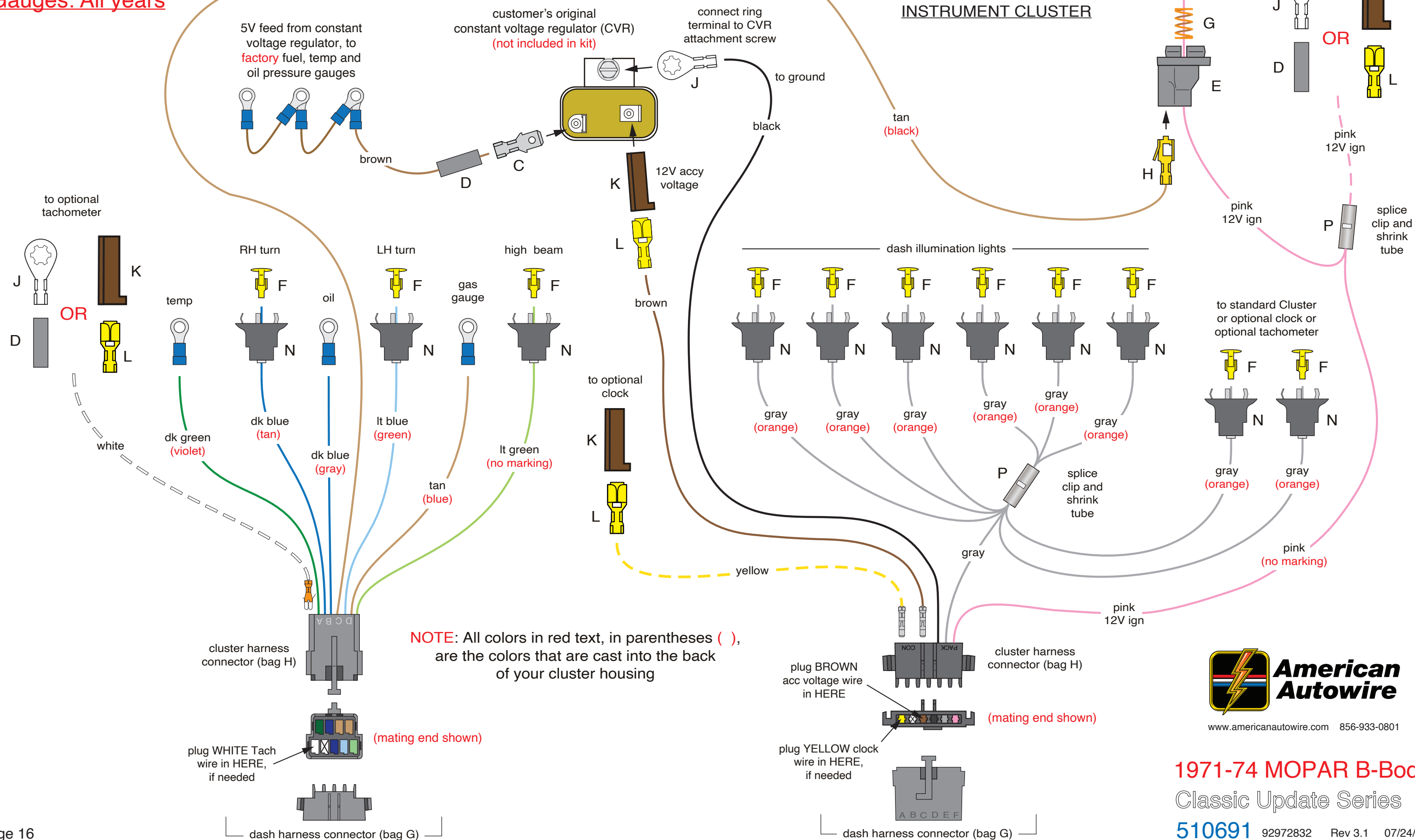
OR

L

pink 12V ign

P

splice clip and shrink tube



# 1971-74 MOPAR B-Body

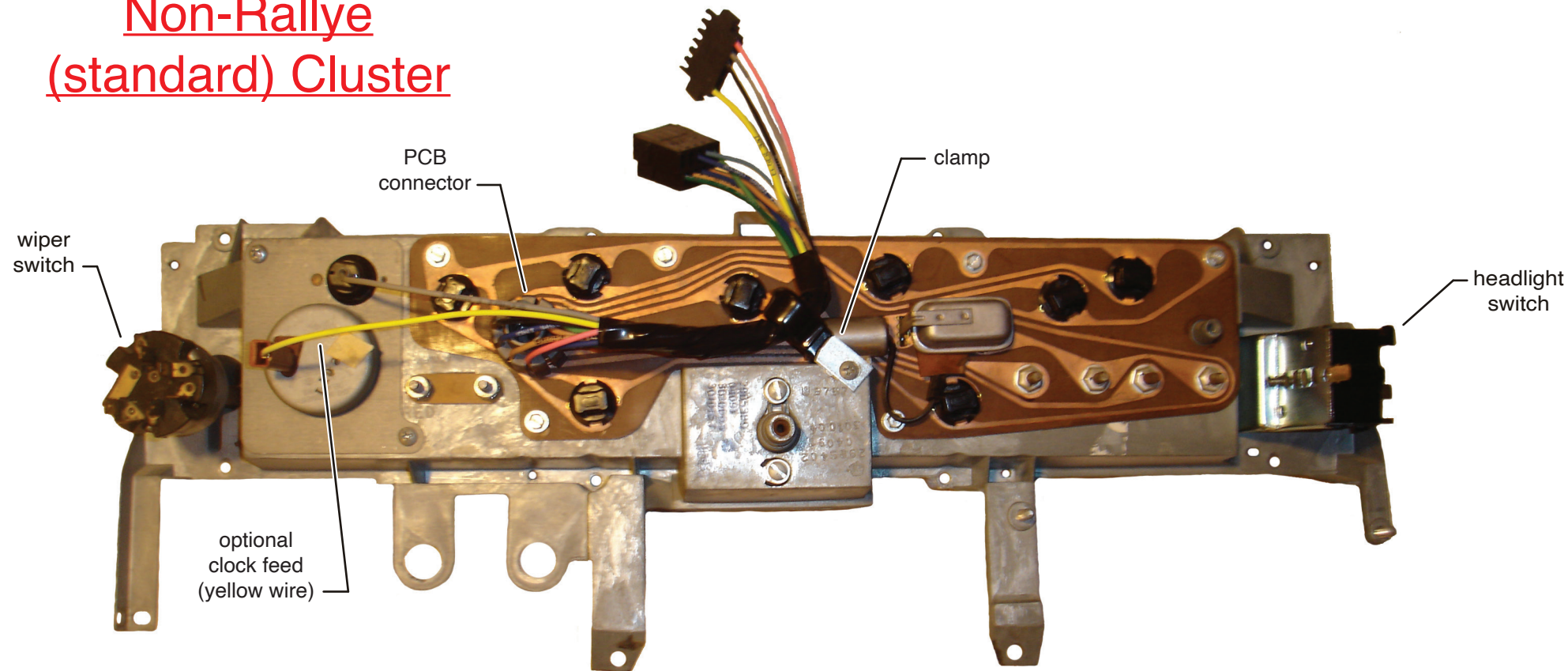
## Classic Update Series

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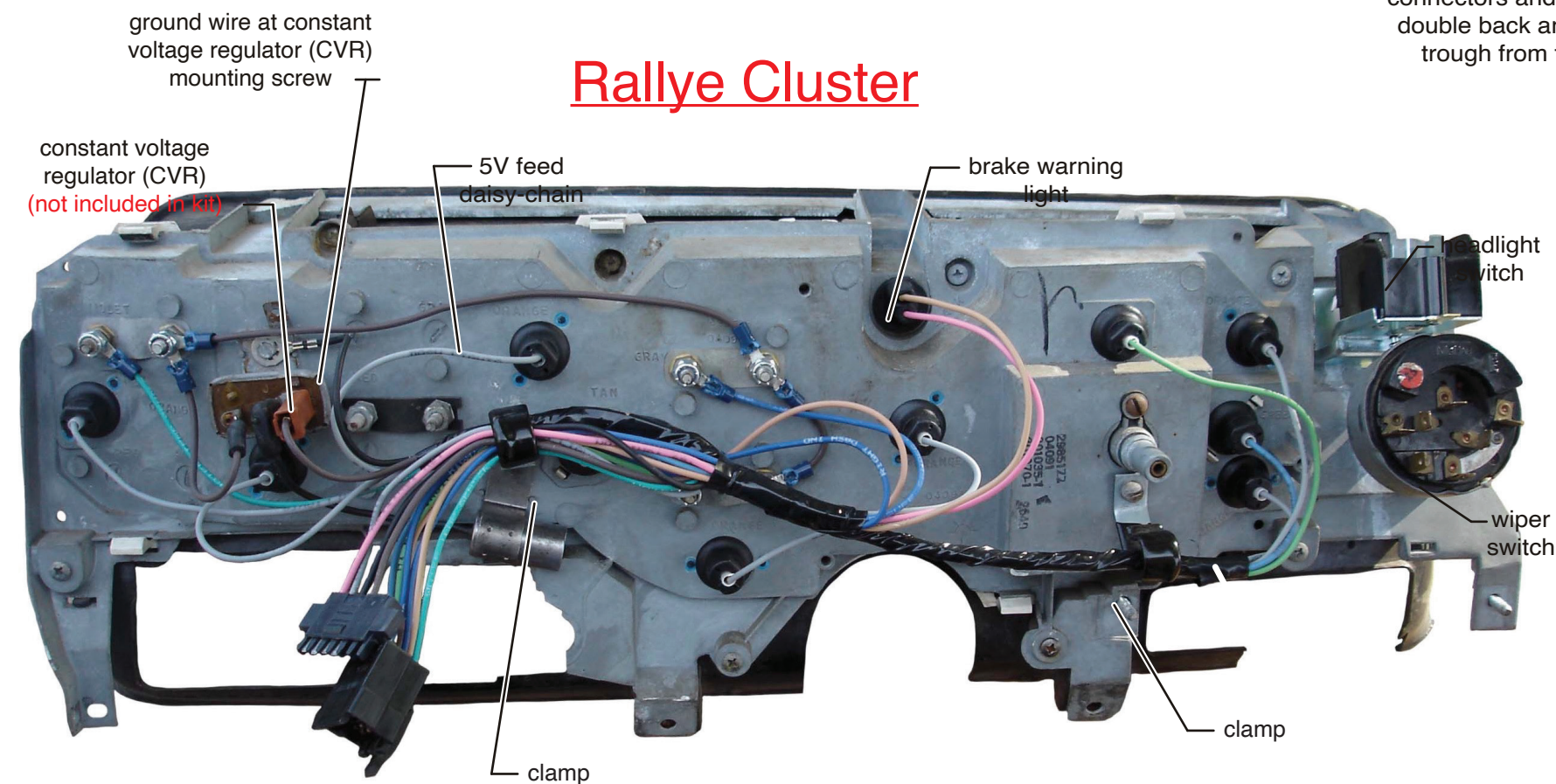


510788 Gauge Cluster harness installation instructions:

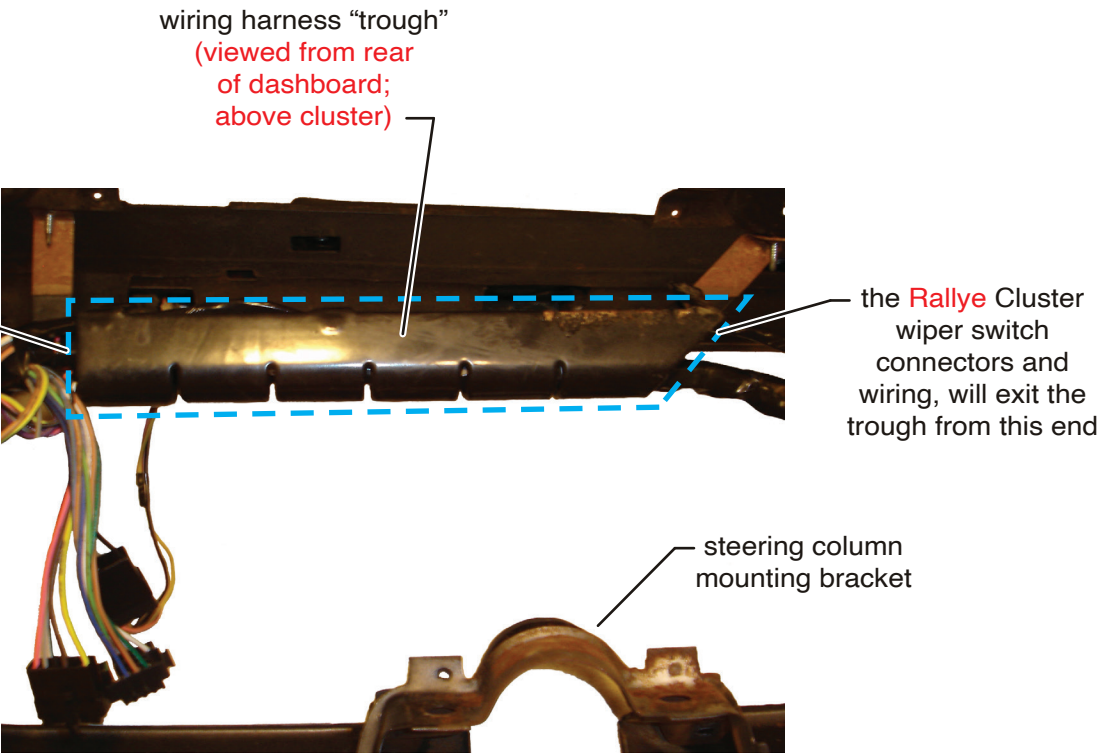
Non-Rallye  
(standard) Cluster



Rallye Cluster



the Non-Rallye (standard) Cluster wiper switch connectors and wiring, will double back and exit the trough from this end



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# 510696 Rear Body harness installation instructions:

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

A



( dome light socket pigtail - reference, 1 pc)

B



( side marker pigtail - reference, 2 pcs)

C



( fuel tank sender pigtail - reference, 1 pc)

D



(56 Series 4-way female connector , 1 pc)

E



(56 Series single female connector , 1 pc)

F



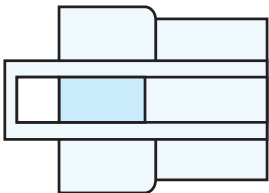
(56 Series single female terminal, 6 pcs)

G



(56 Series double female terminal, 2 pcs)

H



(56 Series 4-way male connector , 1 pc)

J




(56 Series single male connector , 1 pc)

K



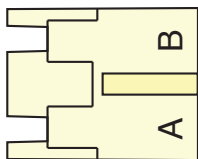
(56 Series single male terminal, 6 pcs)

L



(56 Series double male terminal, 2 pcs)

M




(Pack-Con 2-way male connector, 1 pc)

N



(Pack-Con male terminal, 4 pcs)

P



(fuel tank floor grommet, 1 pc)

Q



(male bullet terminal, 7 pcs)

R



(female terminal, 4 pcs)

S



(small rubber sleeve, 7 pcs)

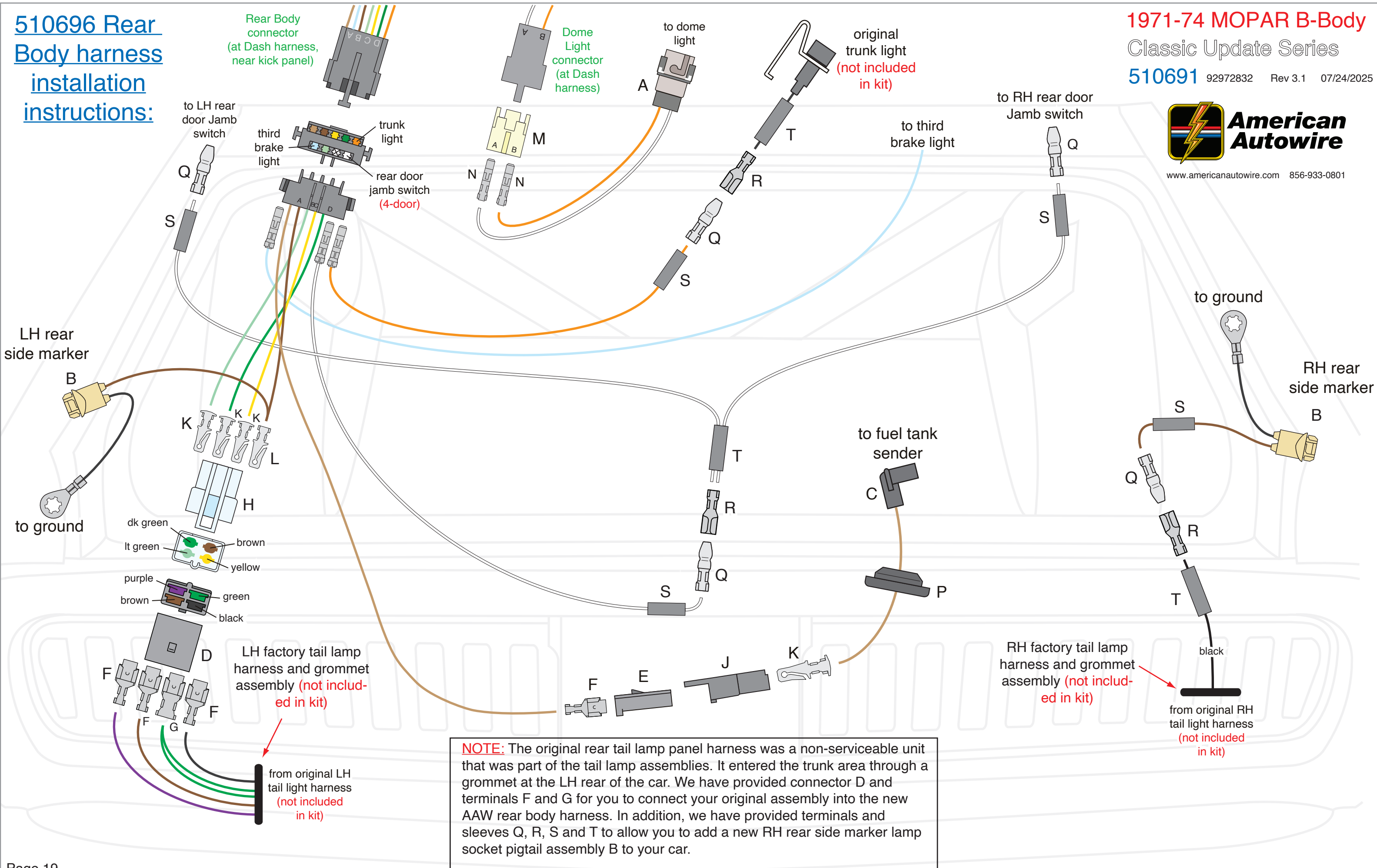
T



(large rubber sleeve, 4 pcs)

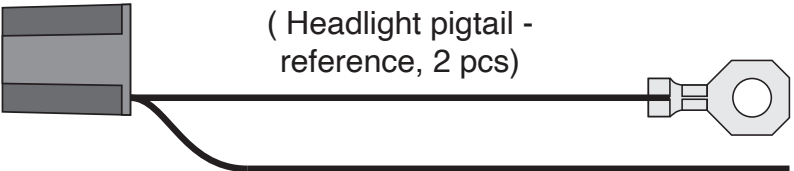


510696 Rear Body harness installation instructions:

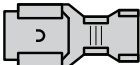


# 510695 Front Light harness installation instructions:

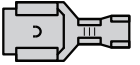
Below are the supplied misc. terminals, connector bodies and assorted components included in the Front Light Harness and Loose Piece bags. These will be used to complete your Front Light Harness connections and are referred by the letters and descriptions below from this point forward.

A

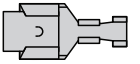
( Headlight pigtail - reference, 2 pcs)

B

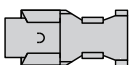
(59 Series double female terminal, 8 pcs)

C

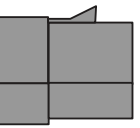
(59 Series single female terminal, 4 pcs)

D


(56 Series single female terminal, 9 pcs)

E

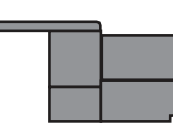
(56 Series double female terminal, 10 pcs)

F


(56 Series 3-way female connector, 2 pcs)

G


(59 Series 2-way female connector, 2 pcs)

H


(56 Series 3-way male connector, 2 pcs)

J


(56 Series single male terminal, 9 pcs)

K

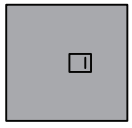
(single female terminal, 4 pcs)

L

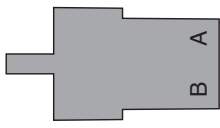
(rubber sleeve, 4 pcs)

M

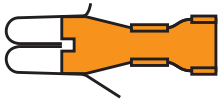
(56 Series single female connector, 2 pcs)

N

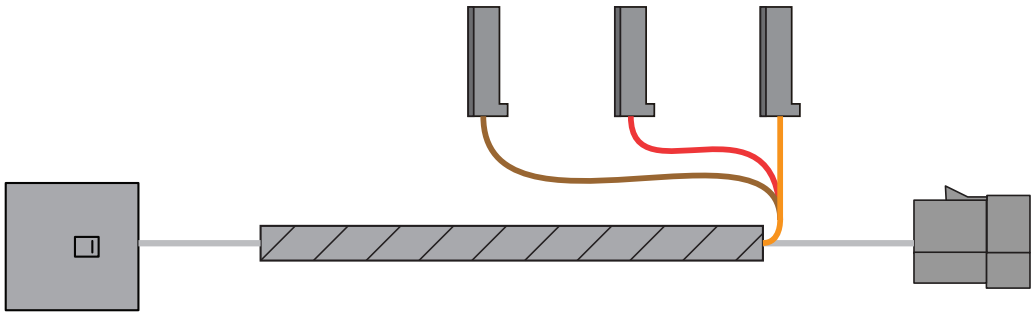
(56 Series 4-way female connector, 1 pc)

P


(Pack Con 2-way female connector, 2 pcs)

Q

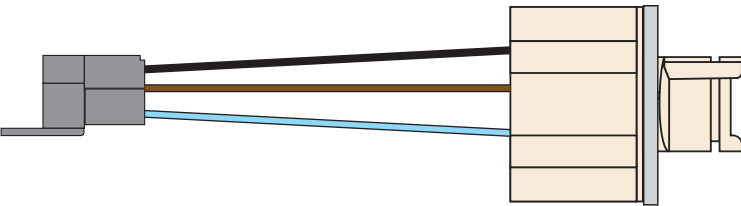
(Pack Con female terminal, 6 pcs)

R

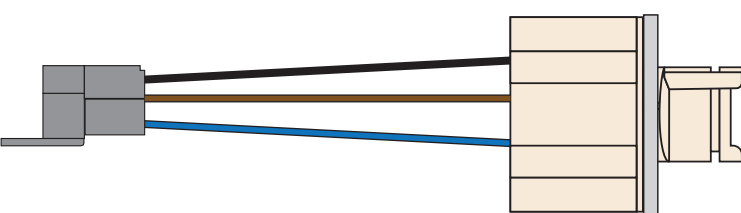
( 2-speed wiper motor jumper harness - reference, 1 pc)

S


( side marker light extensions - reference, 2 pcs)

T-L

( 73-74 Plymouth 2-dr LH Park/Turn socket & pigtail)

T-R

( 73-74 Plymouth 2-dr RH Park/Turn socket & pigtail)

U

( electric fan wire - reference, 1 pc)



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Classic Update Series

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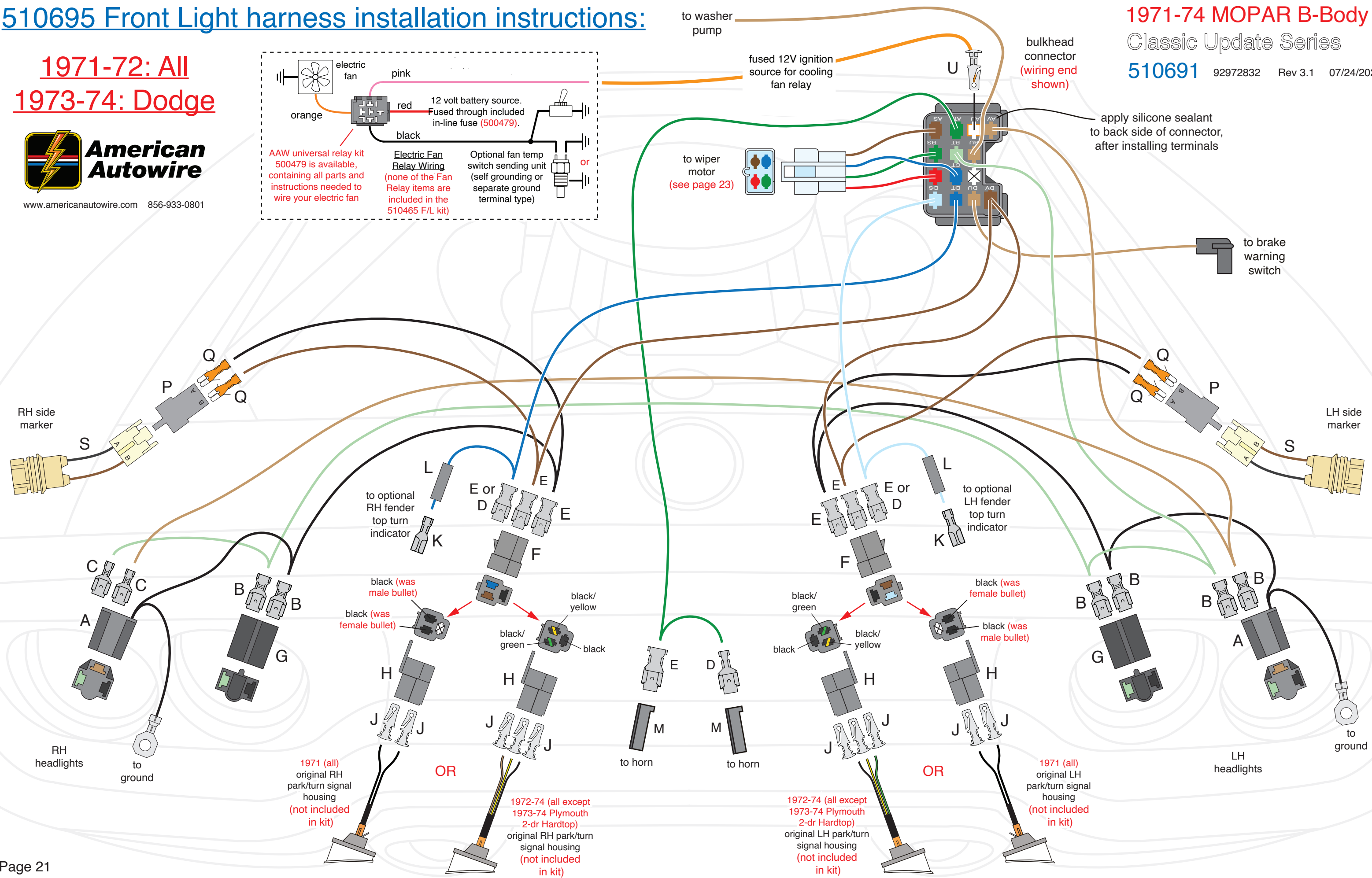
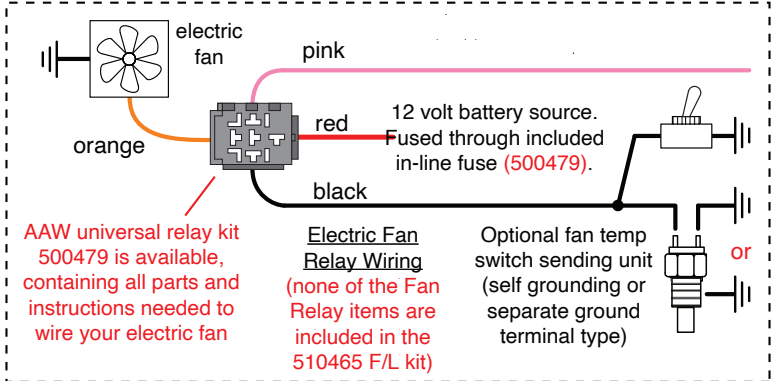


510695 Front Light harness installation instructions:

1971-72: All  
1973-74: Dodge



1971-74 MOPAR B-Body  
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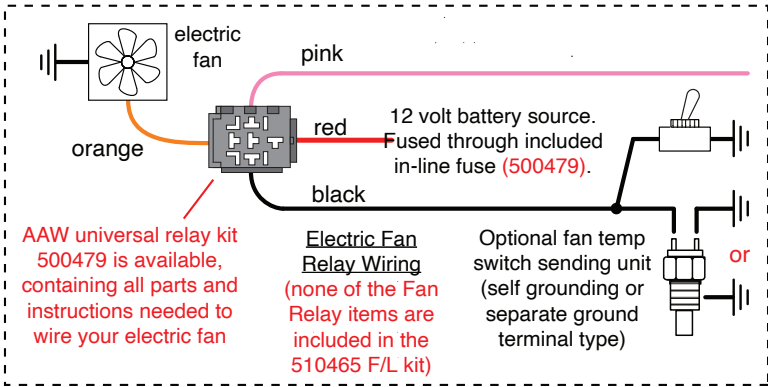
510695 Front Light harness installation instructions:

1973-74: Plymouth  
2-Door Hardtop



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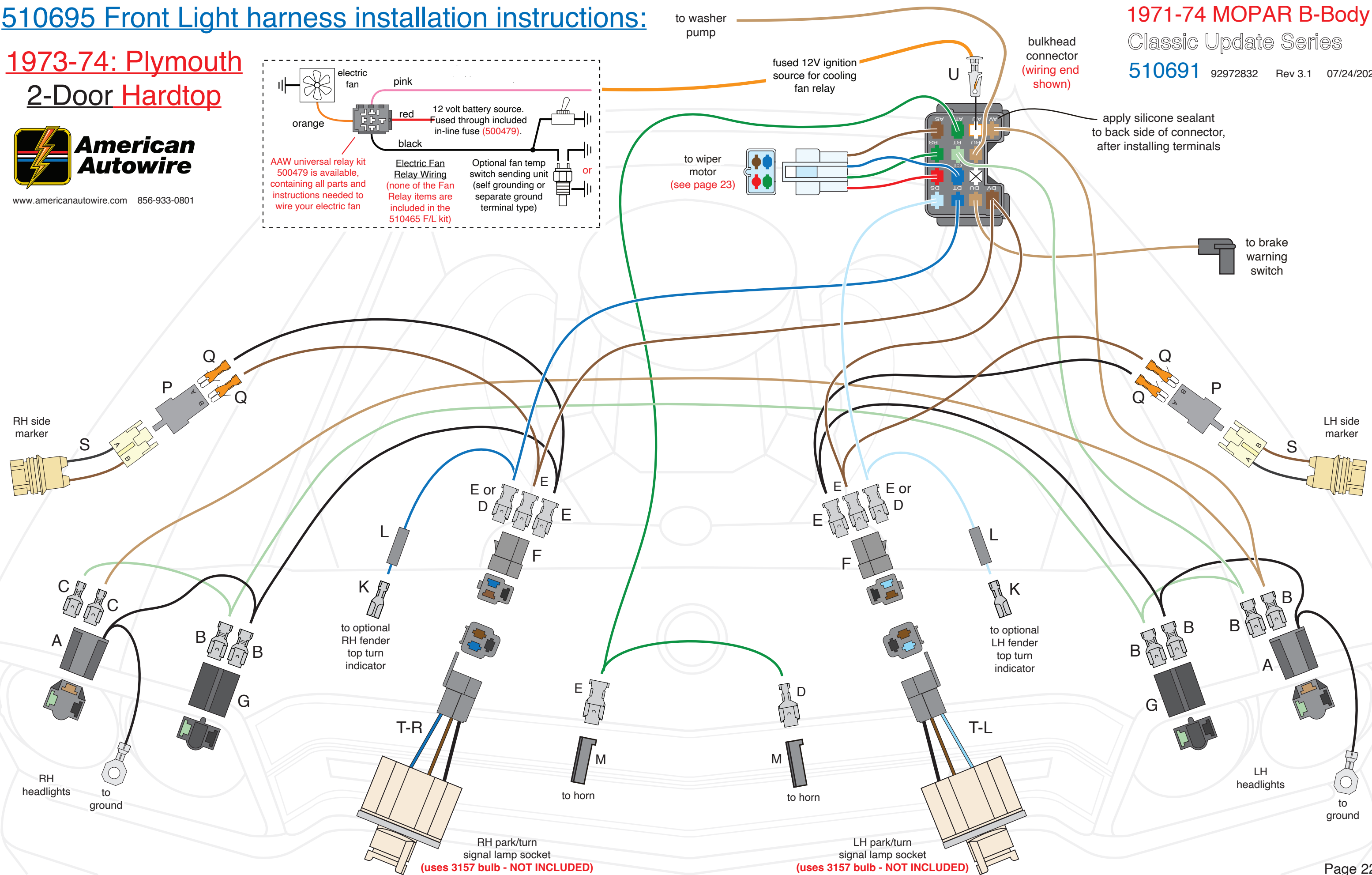
1971-74 MOPAR B-Body  
Classic Update Series  
510691 92972832 Rev 3.1 07/24/2025



AAW universal relay kit 500479 is available, containing all parts and instructions needed to wire your electric fan

Electric Fan Relay Wiring (none of the Fan Relay items are included in the 510465 F/L kit)

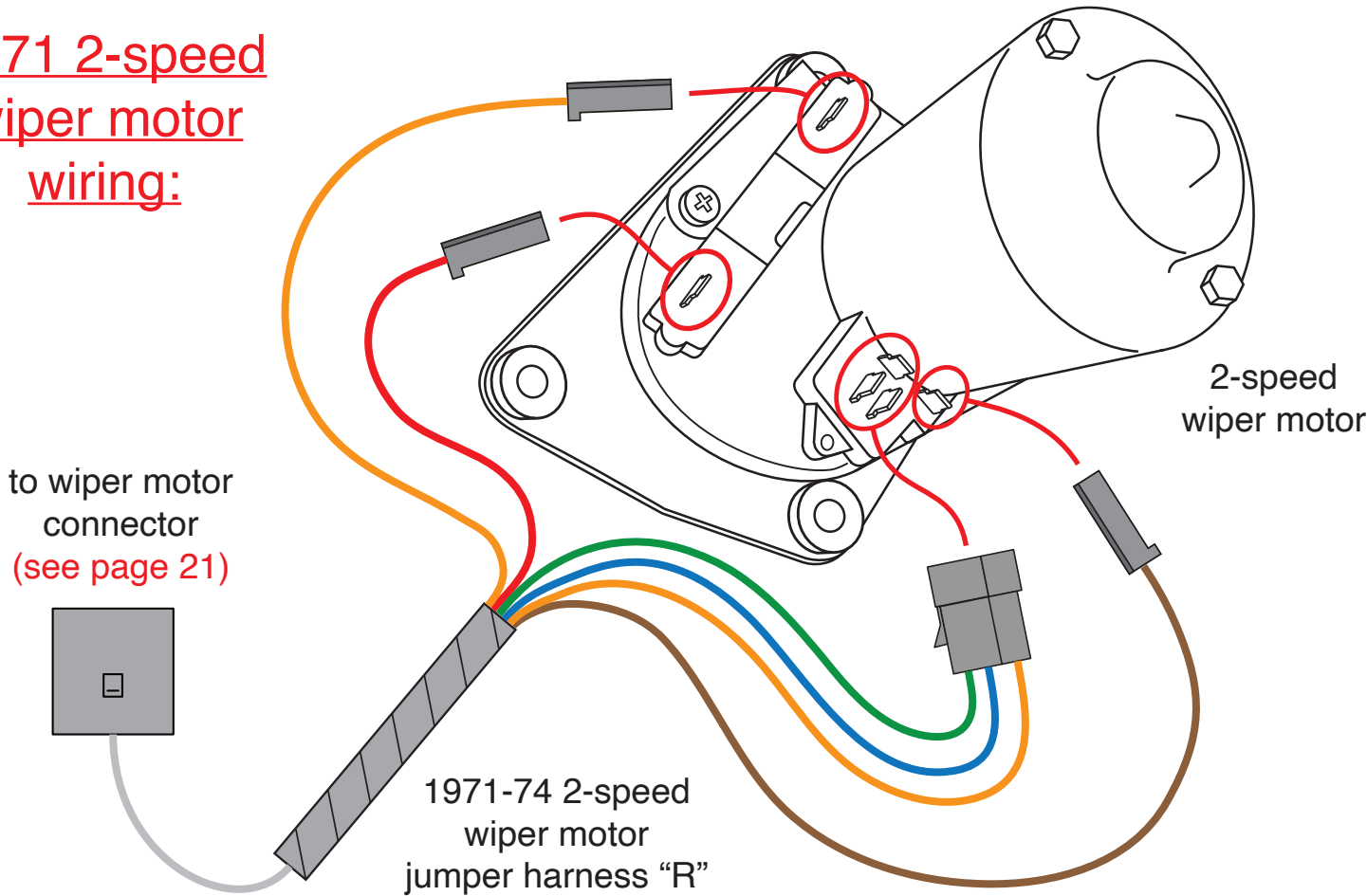
Optional fan temp switch sending unit (self grounding or separate ground terminal type)



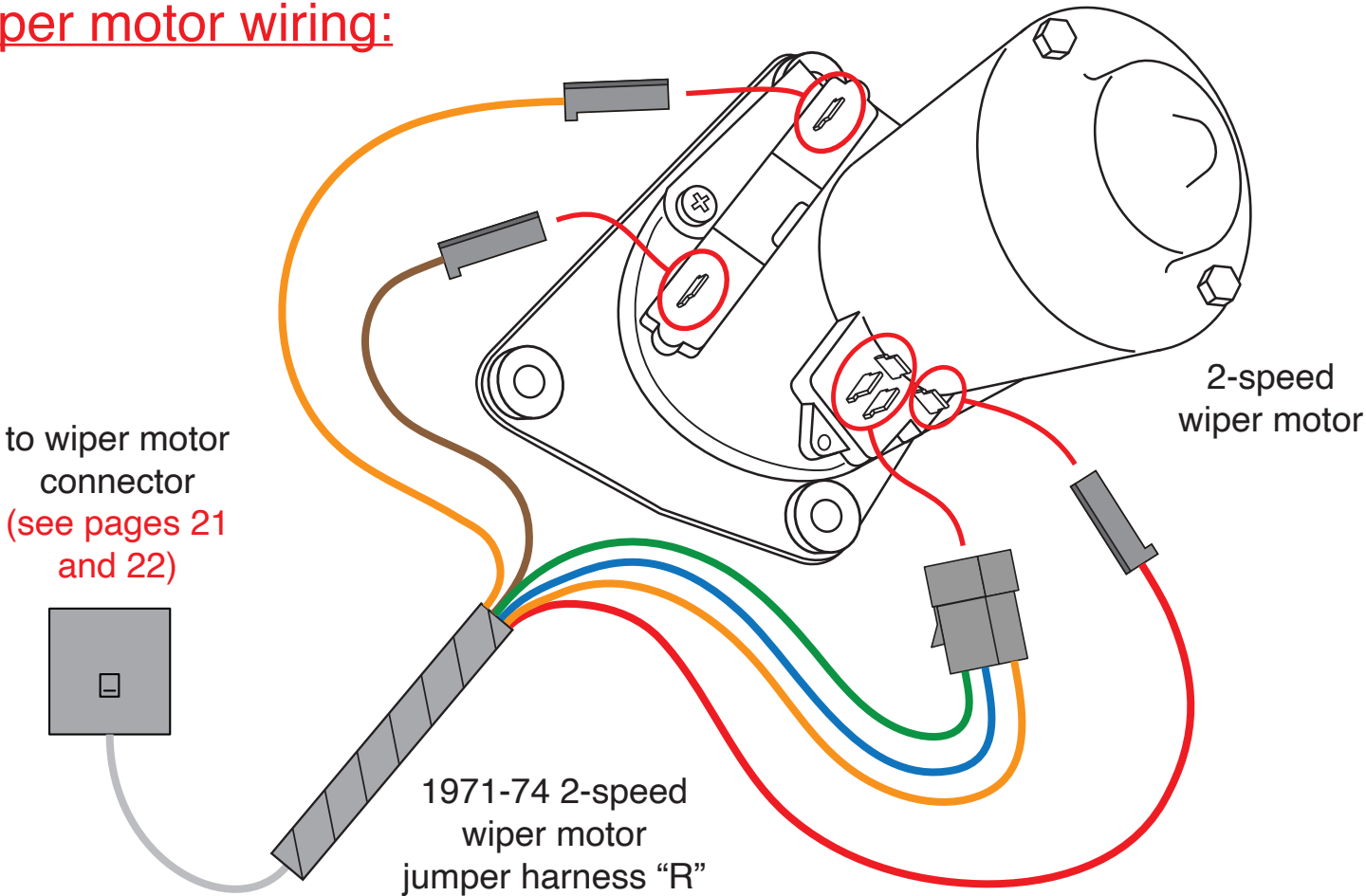
apply silicone sealant to back side of connector, after installing terminals

510695 Front Light harness installation instructions:

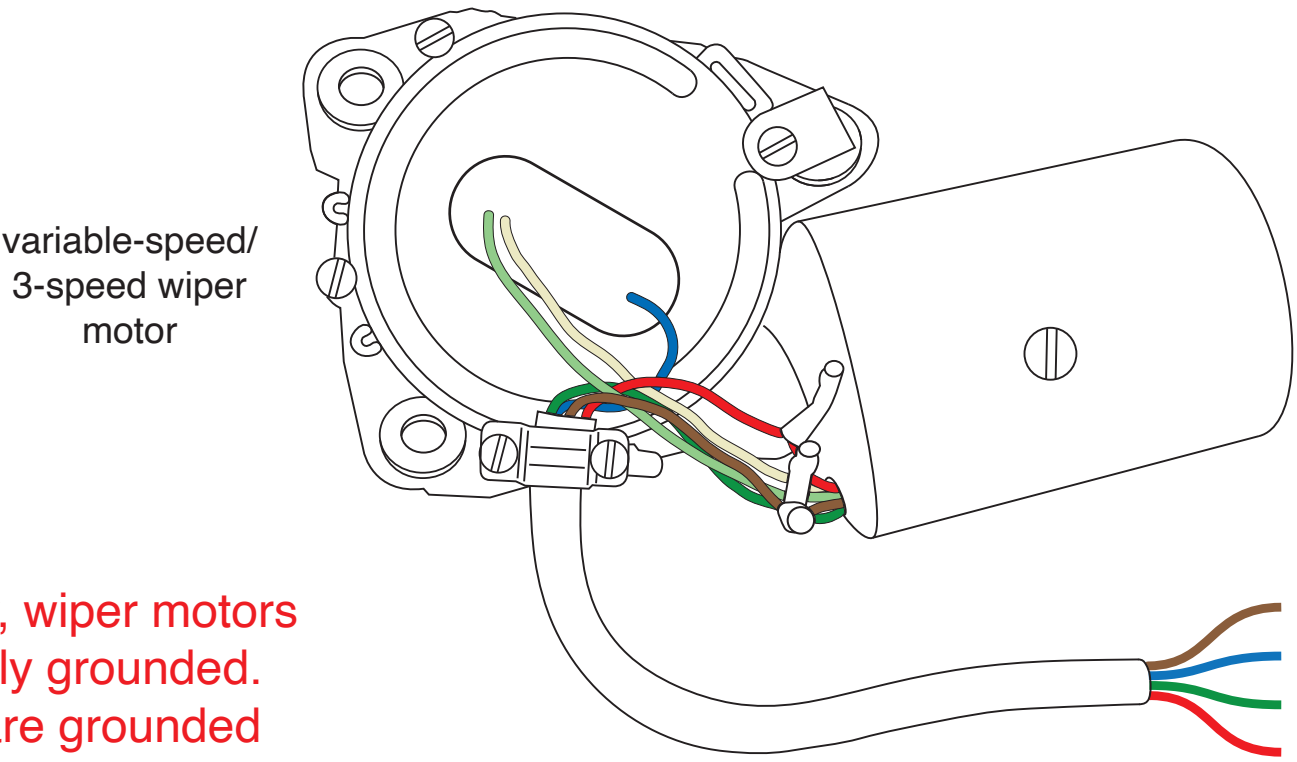
1971 2-speed wiper motor wiring:



1972-74 2-speed wiper motor wiring:



1971 variable-speed and 1972-74 3-speed wiper motor wiring:



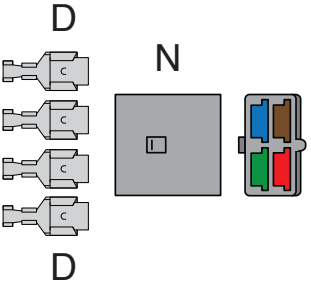
**NOTE:** Mating connector N and terminals D, to complete your wiper motor connection, are located in the loose piece kit for this harness (92971829).

**NOTE:** To work correctly, wiper motors must be properly grounded. Wiper motors are grounded through their mounting.



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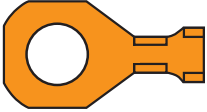
1971-74 MOPAR B-Body Classic Update Series



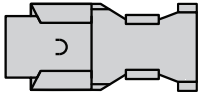


# 510786 Engine harness installation instructions:

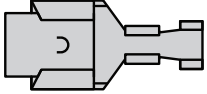
Below are the supplied misc. terminals, connector bodies and assorted components included in the Engine Harness and Loose Piece bags. These will be used to complete your Engine Harness connections and are referred by the letters and descriptions below from this point forward.

A


(ring terminal, 4 pcs)

B


(56 Series double female terminal, 6 pcs)

C


(56 Series single female terminal, 9 pcs)

D

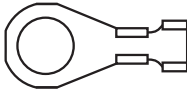
(56 Series single female connector, 8 pcs)

E

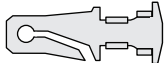
(large sleeve, 6 pcs)

G

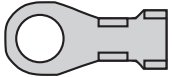
(56 Series single female connector, 2 pcs)

H


(ring terminal, 3 pcs)

J


(56 Series single male terminal, 2 pcs)

L

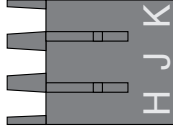
(ring terminal, 3 pcs)

M

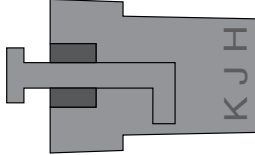
(ring terminal, 4 pcs)

N


(small sleeve, 7 pcs)

P


(Pack Con 3-way male connector, 1 pc)

Q


(Pack Con 3-way female connector, 1 pc)

R


(clutch interlock ground pigtail - reference, 1 pc)

S

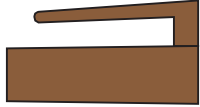
(starter solenoid feed pigtail - reference, 1 pc)

T

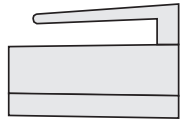
(starter to starter relay pigtail, 1 pc)

U


(electric choke pigtail - reference, 1 pc)

V


(56 Series single female connector, 1 pc)

W

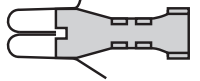
(56 Series single female connector, 1 pc)

X

(back-up lamp feed - reference, 1 pc)

Y

(Pack Con male terminal, 4 pcs)

Z

(Pack Con female terminal, 4 pcs)

510786 Engine harness installation instructions:

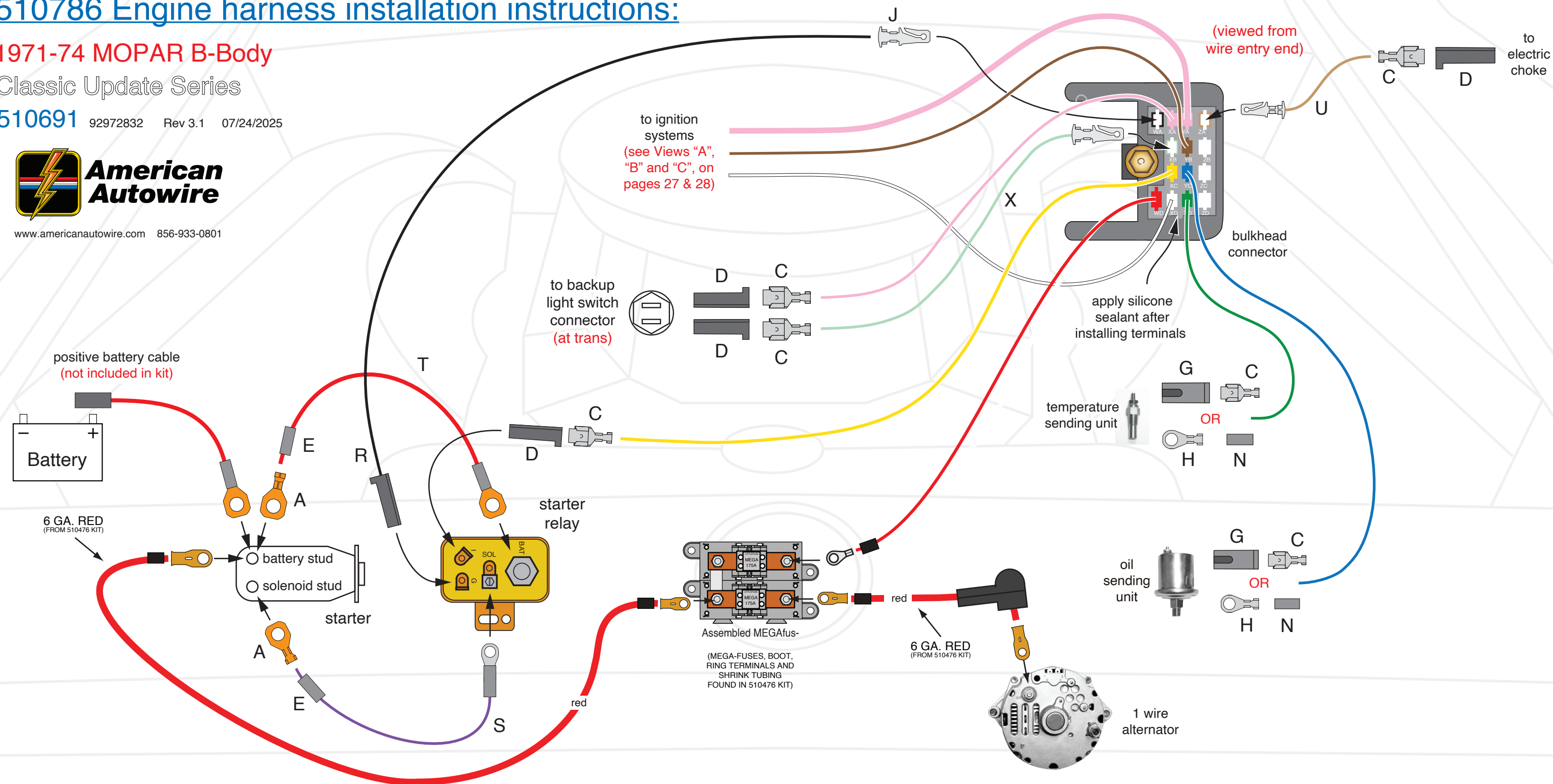
1971-74 MOPAR B-Body

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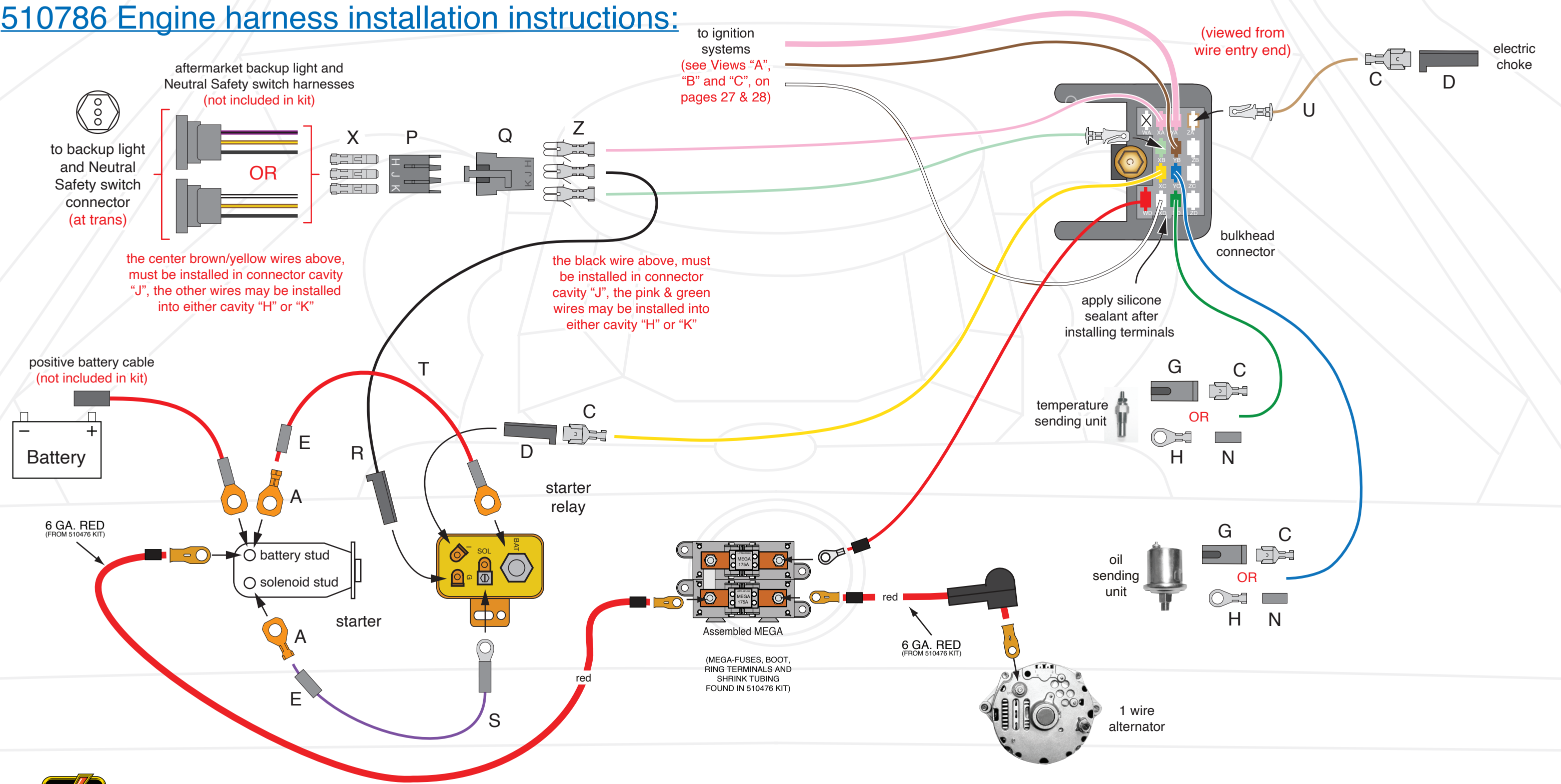


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ALL MANUAL  
TRANS

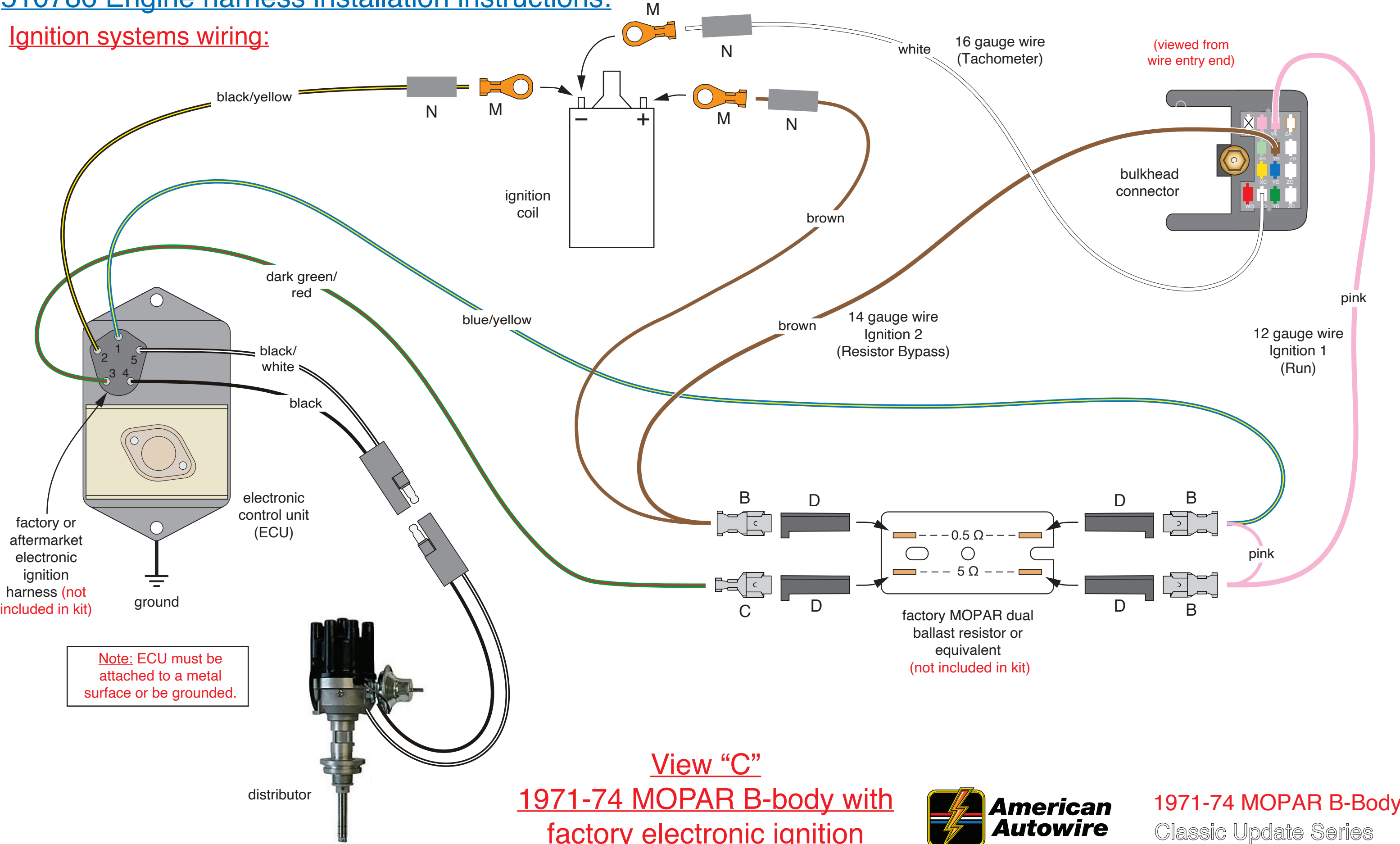
510786 Engine harness installation instructions:





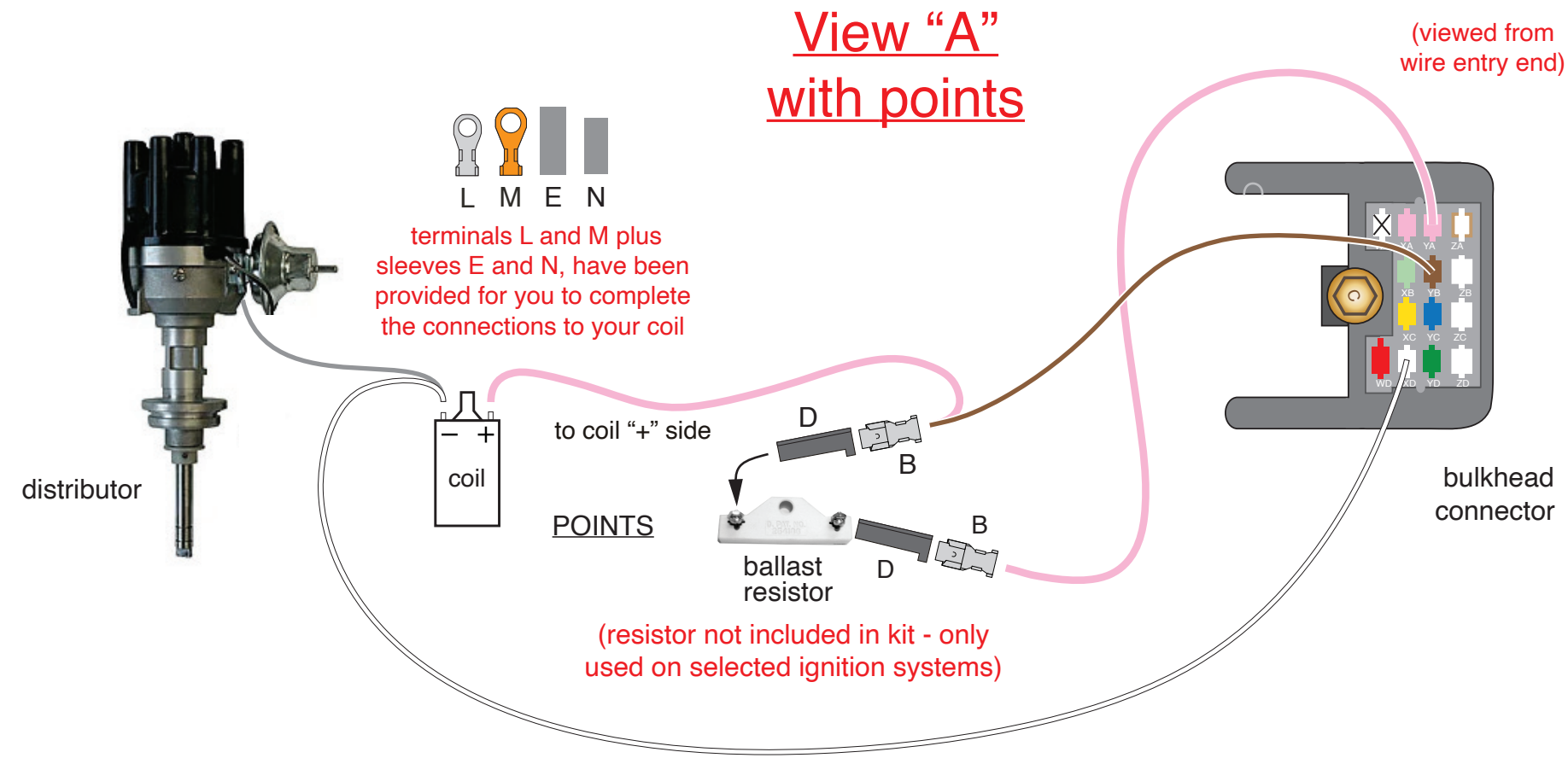
510786 Engine harness installation instructions:

Ignition systems wiring:

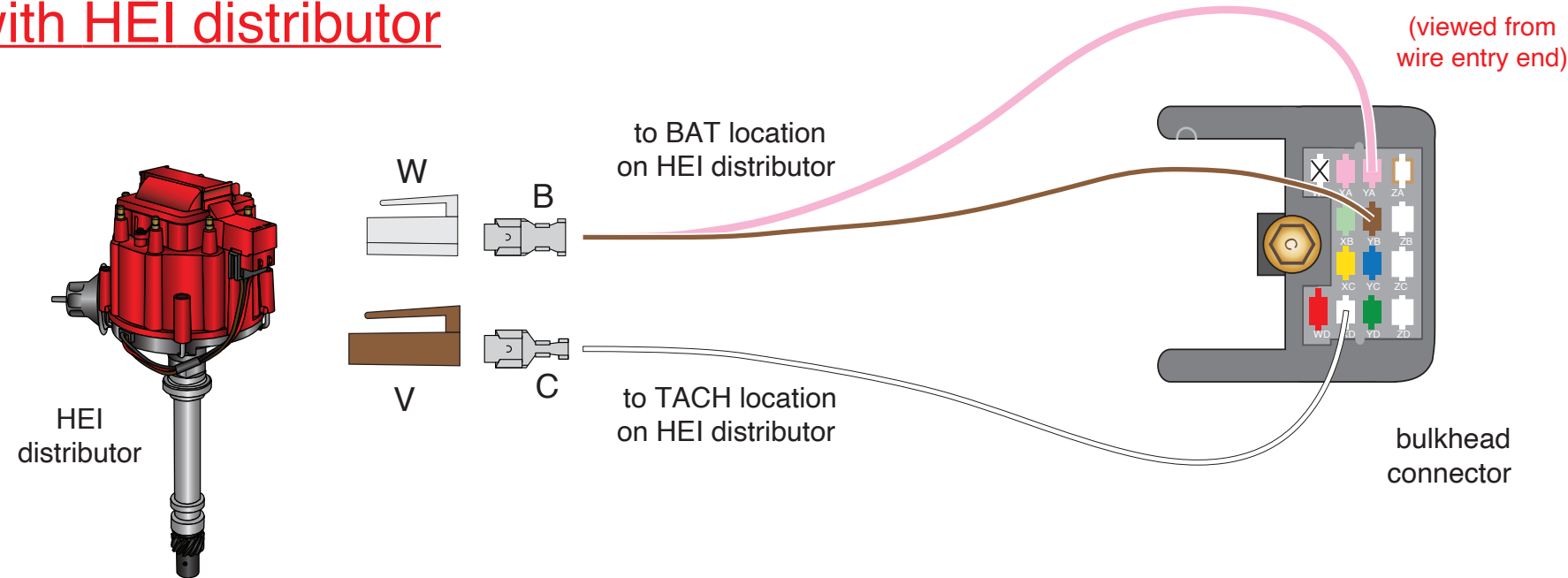


510786 Engine harness installation instructions:

Ignition system wiring:



View "B"  
with HEI distributor



Ignition system wiring: OTHER IGNITION TYPES

FOR OTHER TYPES OF IGNITION SYSTEMS AND/OR EFI APPLICATIONS:

The Pink and Brown ignition wires may be connected together and used as a keyed 12(+) power feed to your ignition box or EFI computer control harness or computer.

Please note: **These wires are not fused.** Please consult the instructions for your ignition system or EFI harness to confirm if an in-line fuse is required.

Finally: The pink and brown wires **must be used together** in order for their to be power when the key is in the run and crank position.

FINAL STEPS:

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.

