

**NOTE:** If the fuse panel on your 510174 70-73 Firebird kit has a sticker like the photo at the left with the catalog part number 510970, and a lot #, you have the third design harness and your instructions are listed below and follow this page.



Number	Description
500042	Floor Dimmer Switch
500332	Headlight Switch
500707	Fuse, Relay, and Flasher kit
500708	Courtesy Light kit
500919	Practice Terminal Crimping Set
510970	Dash Harness kit
510971	Instrument Cluster Wiring kit
510972	Engine Wiring Kit
510973	Front Light Wiring kit
510974	Rear Body Wiring kit
510730	VSS Connection kit
510476	Alternator and Main Power Conn. kit
92974083	Main Instruction Sheet



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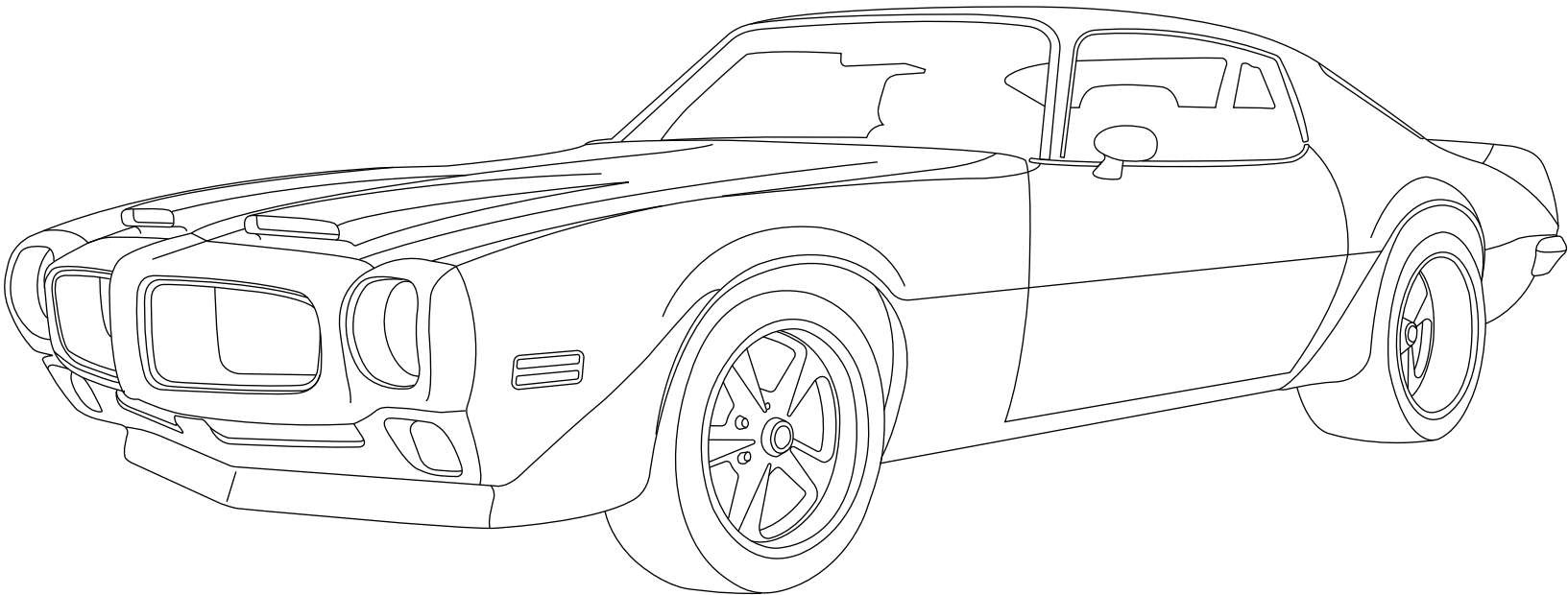
## 70-73 Firebird Third Design Instructions

92974780 rev. 0.0 4/3/2025



**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, but those kits are optionally available at an extra cost: '70 - '71, P/N 510996; '72 - '73, P/N 510998.
3. This kit supports the use of a high current self-exciting 1-wire, "SI" series, or other style internally regulated alternator. An adapter may be necessary in some applications. The use of stock, low amperage alternators is seriously discouraged as they cannot handle the higher current requirements of most updated ignition systems, electric fans, aftermarket A/C systems, stereo systems, air ride suspensions, and other power hungry accessories that will ultimately create performance issues within the system.
4. AAW DOES NOT support the use of an ammeter, but this wiring system has been designed to work with the factory voltmeter. All AAW kits are engineered to supply the optimum charge to the battery. To achieve this performance, we route our 6ga. charge wire directly from the alternator output charge terminal to the starter battery terminal. Due to the path of the charge being altered from the stock configuration, the gauge can no longer see a charge vs. a discharge, so it may not work properly. Most stock alternator current outputs were rated at a maximum of about 37-60 amps. Modified cars being built today typically utilize a 100 amp or higher output alternator. With these higher current units, ammeters, generally speaking, become a safety hazard. Ammeters are usually wired in parallel to the charging circuit, are typically unfused, and can short very easily causing a fire.
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 that is hot in the crank and run positions. Our system will support HEI, MSD, other electronic ignition systems, as well as most all computerized Fuel Injection systems. If you wish to run a points type system, there are illustrations on the engine connection pages to do so. Primary ignition voltage in the cranking position is handled via a full 12 volt bypass wire that is routed from the starter "R" terminals to the positive side on the coil. Extra parts (ballast resistor) that are not included in this kit will be required to complete that type of operation.



510174 - Classic Update Series Kit  
1970-73 Firebird

This kit contains the following components:

Bag	Part Number	Description	Quantity
	500042	Floor Dimmer Switch	1
	500332	Headlight Switch	1
	500707	Fuse, Relay, and Flasher kit	1
	500708	Courtesy Lamp Kit	1
	500919	Practice Terminal Crimping Set	1
G	510970	Dash Harness kit	1
H	510971	Instrument Cluster wiring kit	1
J	510972	Engine Wiring Kit	1
L	510973	Front Light Wiring kit	1
M	510974	Rear Body Wiring kit	1
V	510730	VSS Connection kit	1
Z	510476	Alternator and Main Power Conn. 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.



1970-73 Firebird  
Classic Update Series  
510174

# 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:

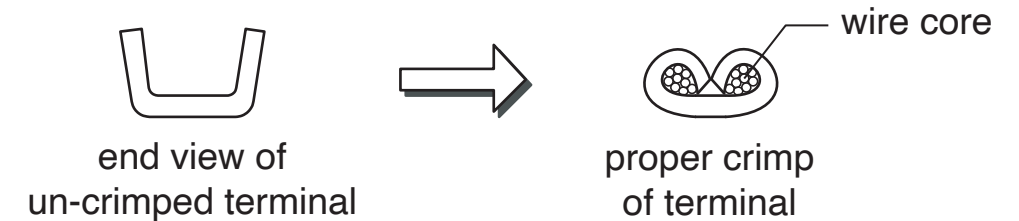
[www.youtube.com/watch?v=JAgEDoVI-co](https://www.youtube.com/watch?v=JAgEDoVI-co)

Youtube Channel:

[www.youtube.com/user/WiringHarness](https://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.

p/n 510585  
OEM small terminal crimping  
tool (18-14 gauge)



p/n 510586  
OEM large terminal crimping  
tool (12-8 gauge)



p/n 510587  
Includes Both  
terminal crimping tools

## We carry many accessories for your 1970-73 Firebird:

1970 PONTIAC  
FIREBIRD



FACTORY ASSEMBLY  
INSTRUCTION MANUAL

### Factory Assembly Manuals

1970 p/n 43249  
1971 p/n 43537  
1972 p/n 43253  
1973 p/n 43538



p/n FB05292  
Ram Air Hood Solenoid  
Harness (1970-73)



p/n FB94065  
Ram Air Hood Carb Switch  
Harness (1970-71)



p/n 37796  
"SI" series alternator to  
"CS" series alternator  
conversion kit

### STEP 1: DISCONNECT YOUR BATTERY:

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



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

1970-73 Firebird

Classic Update Series

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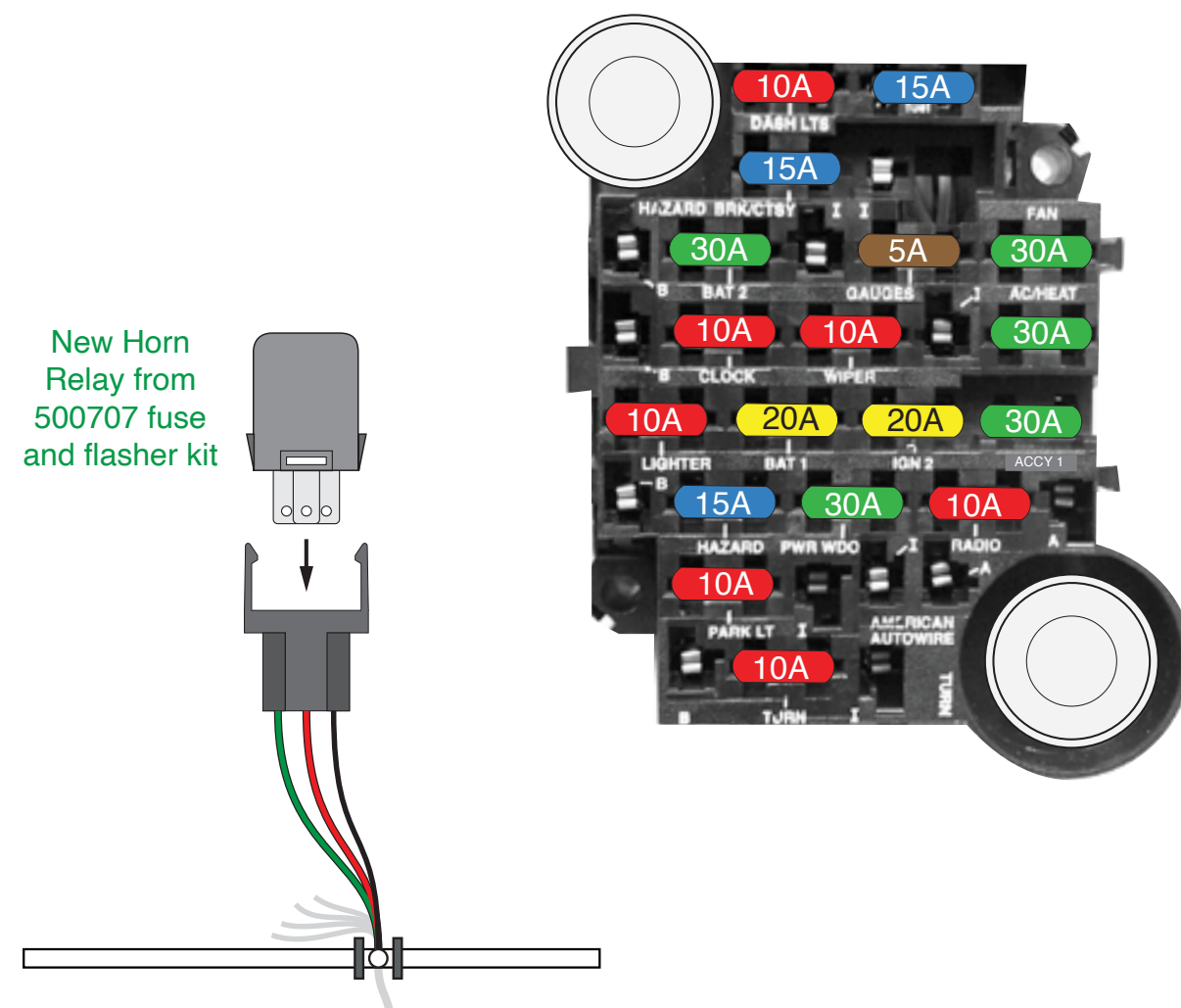


This kit is broken down into individual sections, that are identified by a letter printed on the enclosed sheets, visible through each bag. The order of installation and the pages with their installation instructions, are shown below:

Bags: Pages: Sections:

G	4 - 9	<u>Dash Harness - This is the main harness in the kit and contains:</u> <ul style="list-style-type: none"> <li>- Brake light, headlight, ignition, back-up, neutral safety, turn signal, wiper and dimmer switch connections.</li> <li>- Dash cluster, tach, and gauge connections.</li> <li>- Underdash courtesy lamp connections.</li> <li>- Heater and blower switch and blower resistor connections.</li> <li>- Glove box and power trunk release feeds.</li> <li>- Horn relay.</li> <li>- Console and auxiliary dash lamp connections.</li> <li>- 6-way power accessory connections.</li> <li>- Turbo 400 transmission kickdown and '72'-73 ram air door switch connections.</li> </ul>
H	10 - 13	<u>Gauge Cluster Harness - This Harness contains:</u> <ul style="list-style-type: none"> <li>- Gauge connections for aftermarket and factory gauges.</li> </ul>
M	14 - 15	<u>Rear Body Harness - This Harness contains:</u> <ul style="list-style-type: none"> <li>- Tail light, turn signal, side marker, and running light connections.</li> <li>- Fuel gauge sender lead and extension.</li> <li>- Third brake light feed.</li> <li>- Dome light.</li> </ul>
L	16 - 18	<u>Front Light Harness - This Harness contains:</u> <ul style="list-style-type: none"> <li>- Headlight, turn signal, side marker, and parking light connections.</li> <li>- Keyed "on" power feed for electric cooling fan relay.</li> <li>- Brake pressure differential switch.</li> <li>- Horn leads.</li> </ul>
J	19 - 23	<u>Engine Harness - This Harness contains:</u> <ul style="list-style-type: none"> <li>- Temperature, oil pressure, tachometer wiring.</li> <li>- Ignition system / ECU power.</li> <li>- Alternator and main power connections.</li> <li>- Starter solenoid connections.</li> <li>- Wiper motor connections.</li> <li>- Ram air connections.</li> <li>- T400 transmission kickdown connections.</li> </ul>

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).



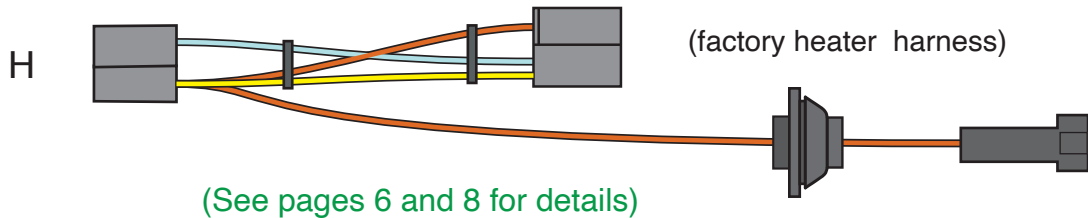
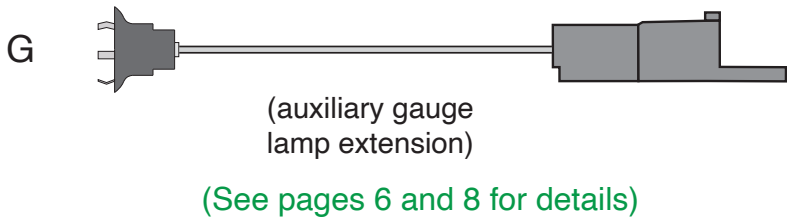
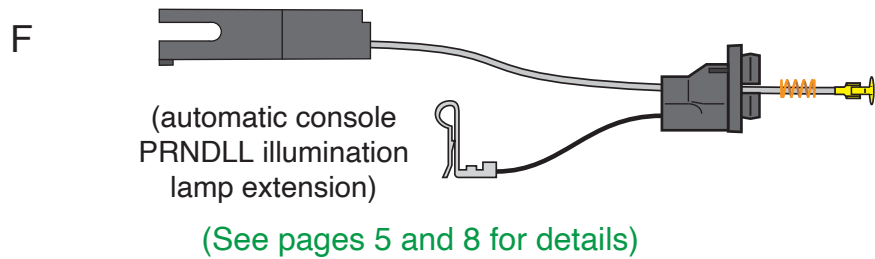
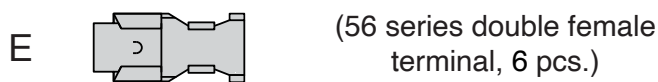
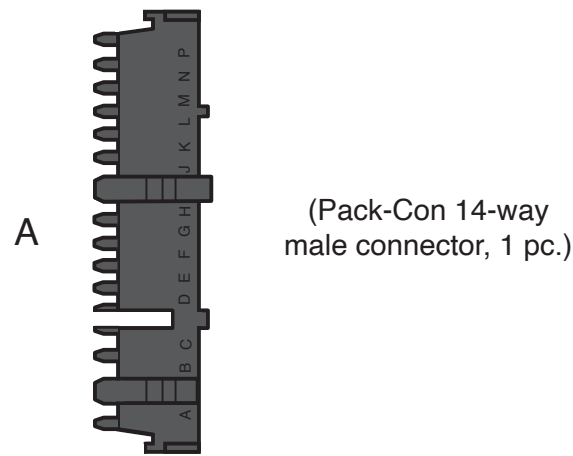
510174 92974083 Rev 0.0 3/10/2025



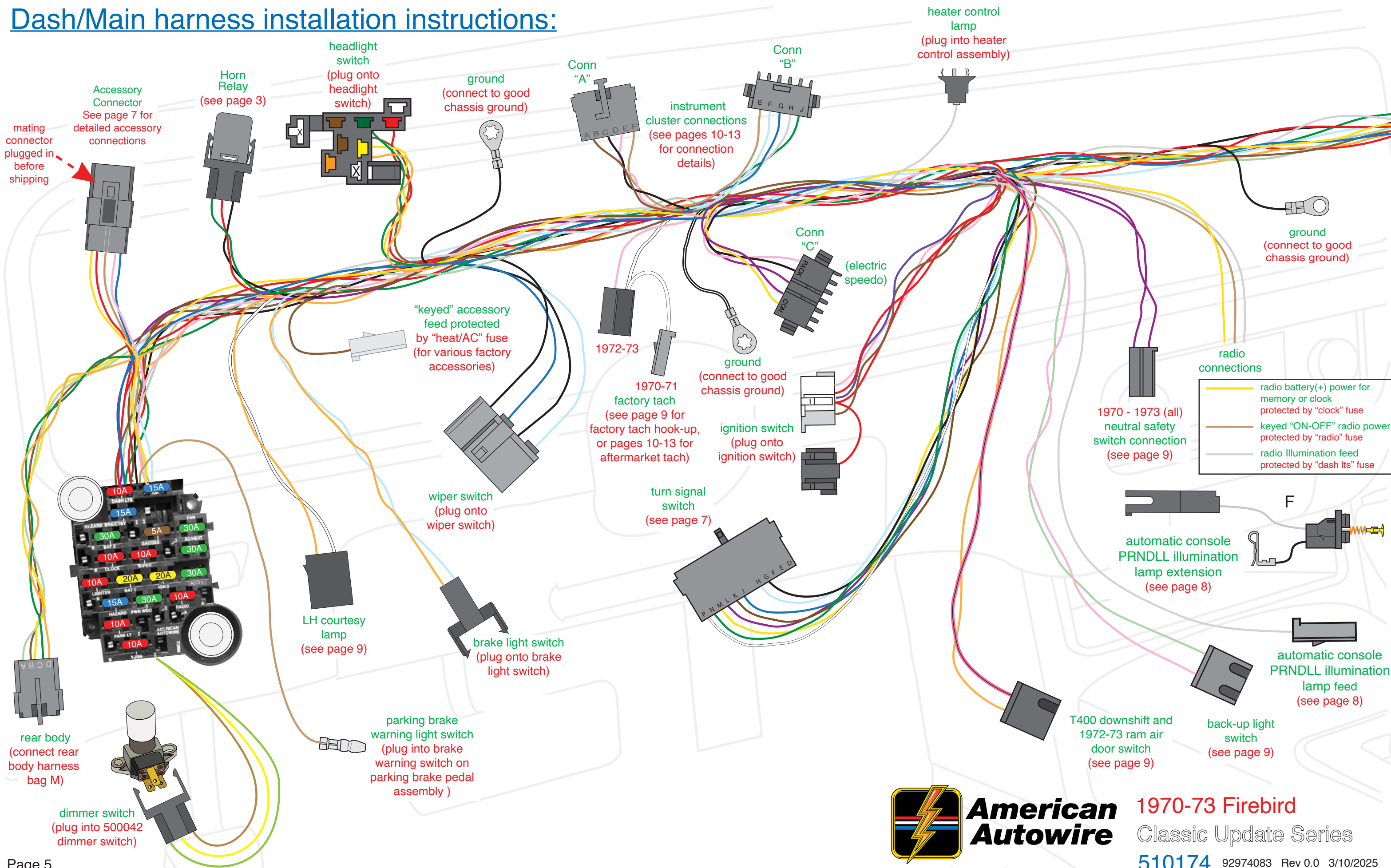
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# Dash/Main harness installation instructions:

Shown below, are the supplied misc. terminals, plastic connector bodies, hardware, jumpers and extensions, included in the Dash/Main Harness and Loose Piece kit, bag “G”, 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.

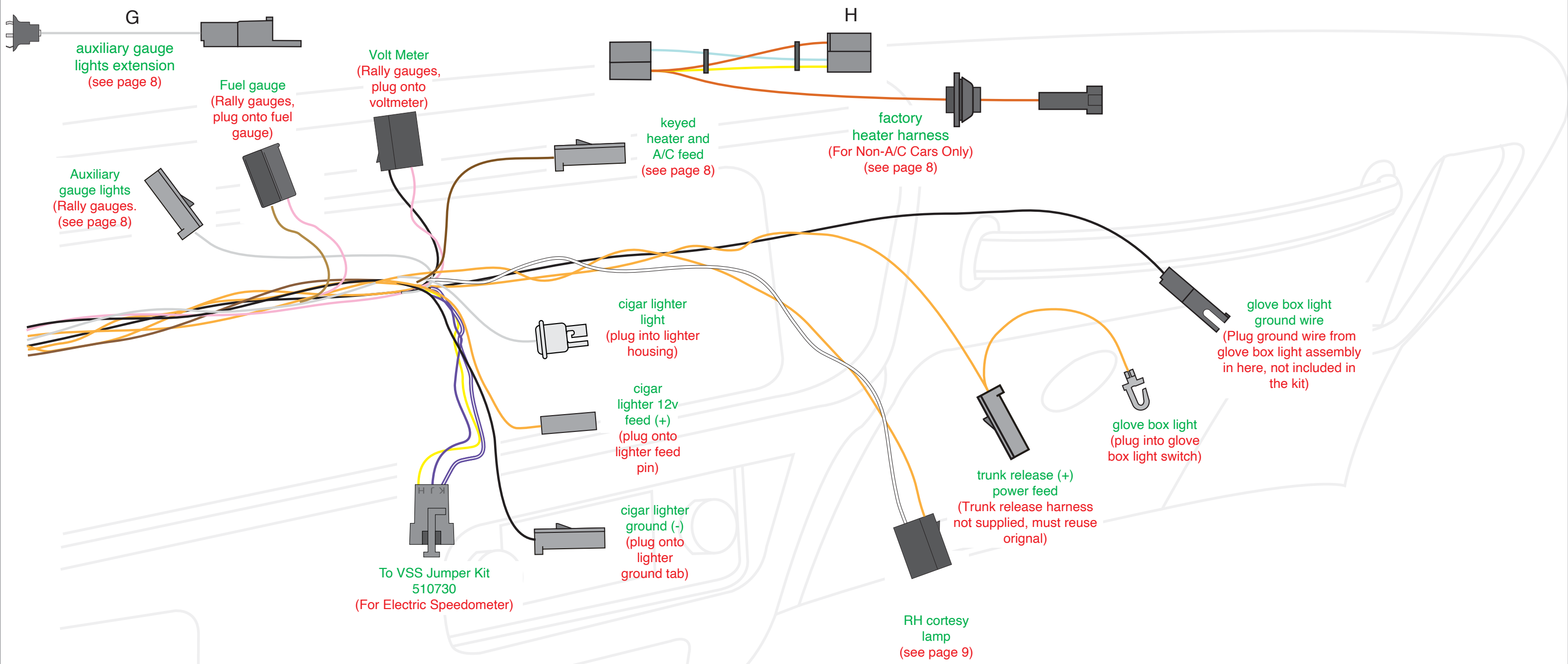


Dash/Main harness installation instructions:





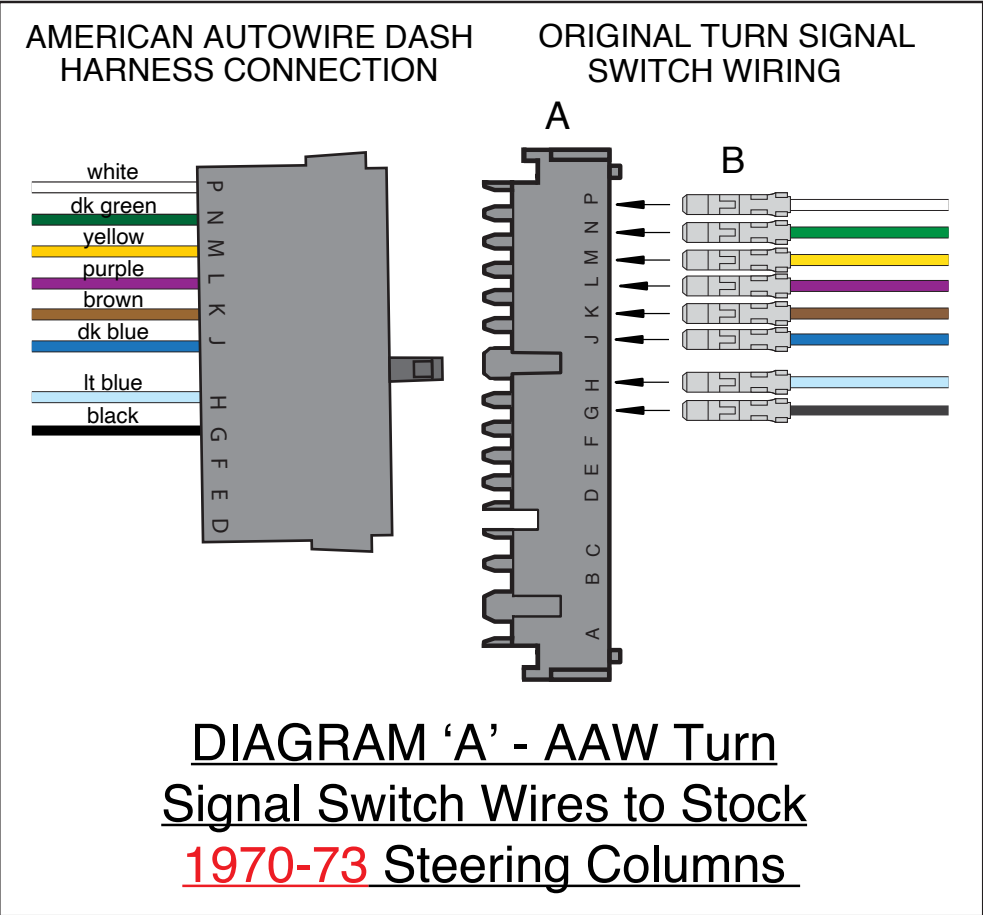
Dash/Main harness installation instructions:



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Dash/Main harness installation instructions:



“Table B”

AAW Turn Signal Switch wires to stock 1970-73 Pontiac Firebird 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

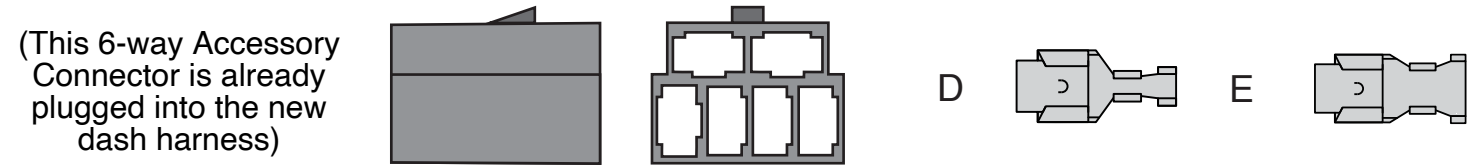
**Note:** This new AAW dash harness is a direct plug-in to the stock 3 7/8” turn signal switch connection. If you are using an aftermarket column that uses the 4 1/4” connector, remove the original Turn Signal Switch Connector and replace it with the AAW 14-way connector “A”. In the event that you damage the original turn signal switch connection terminals, we have provided new terminals “B” for you to crimp into the original wires. Plug the turn signal switch wires into the new connector “A” as shown at left, maintaining color continuity. (see Loose Piece Parts Kit 92974086).

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, attached to the 6-way Accessory connector, on the Dash Harness, and terminals “D” and “E” to add power wires (wire not provided) for the following optional systems:

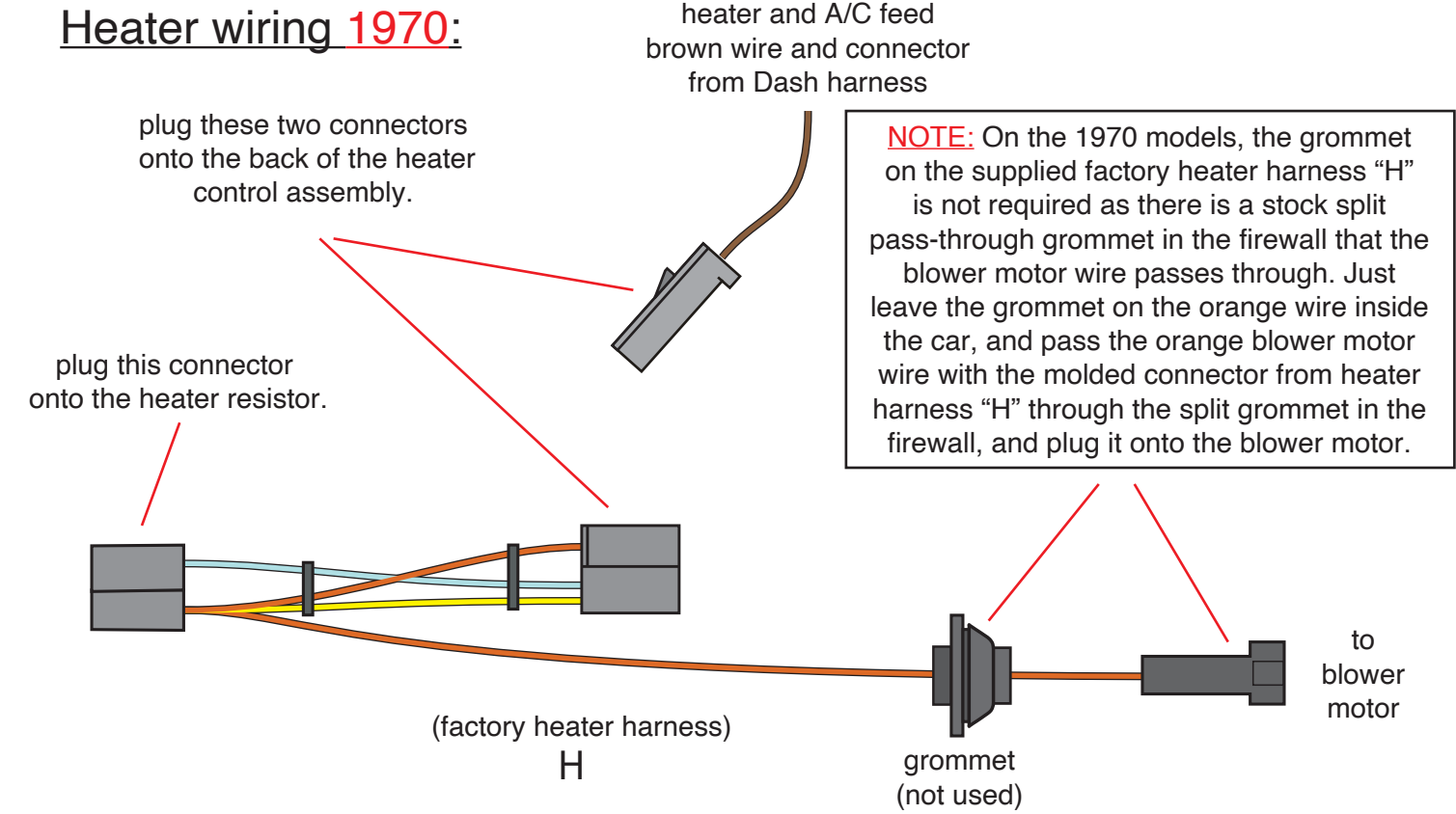
Wire Color	Fuse Block Marking	Fuse rating	Description
Tan	ACCY1	30A	Fused 12 volt ACCESSORY feed (may also be used to feed power to another accessory circuit.)
Dark Blue	FUEL	15A	Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit).
Orange	BAT1	20A	Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit).
Pink	IGN1	20A	Fused 12 volt IGNITION feed which may be used to feed power to another ignition circuit.
Red	BAT2	30A	Fused 12 volt BATTERY feed (may also be used to feed power to a battery circuit).
Yellow	PWO WDO	30A	Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit).



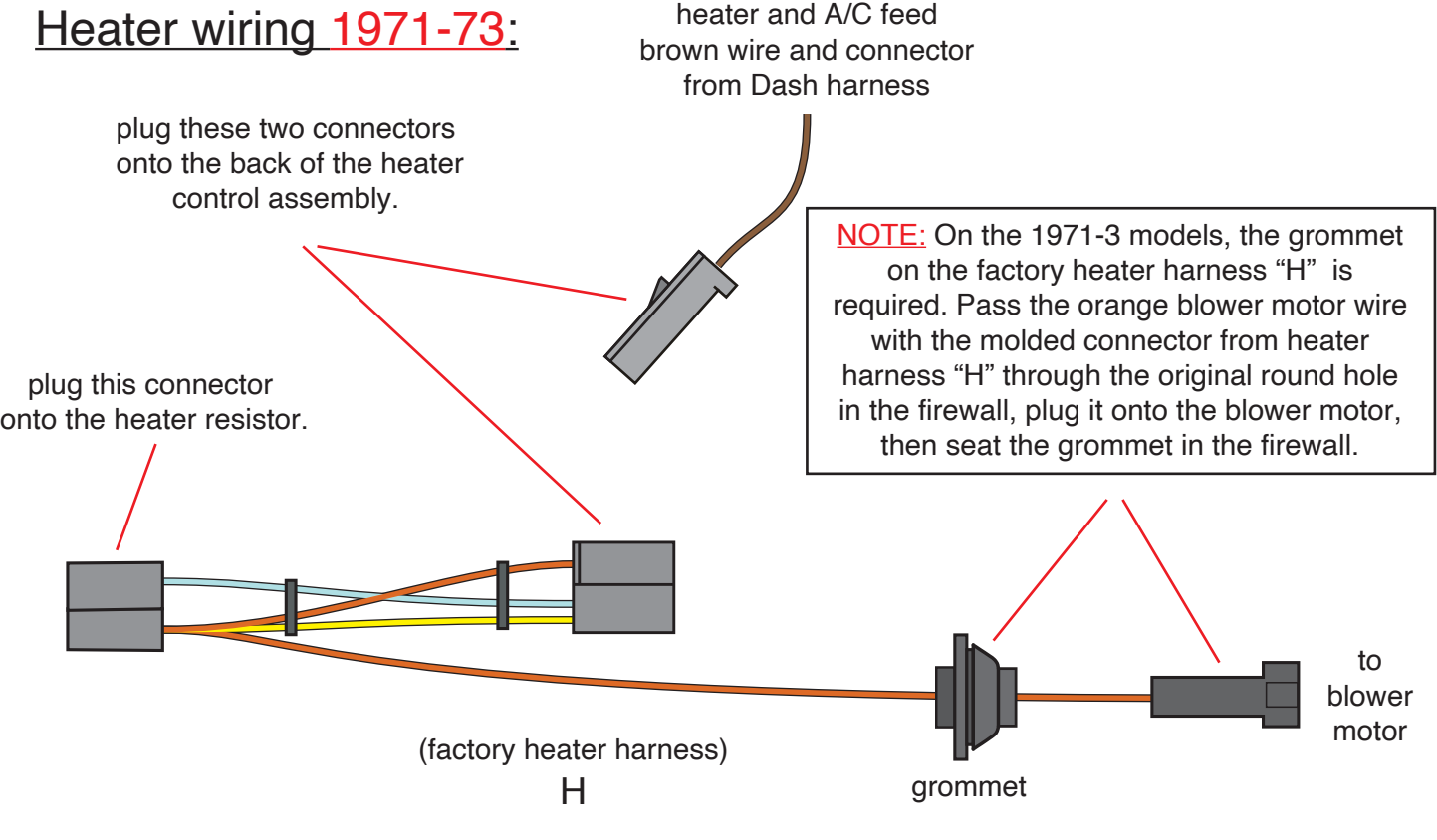


Dash/Main harness installation instructions:

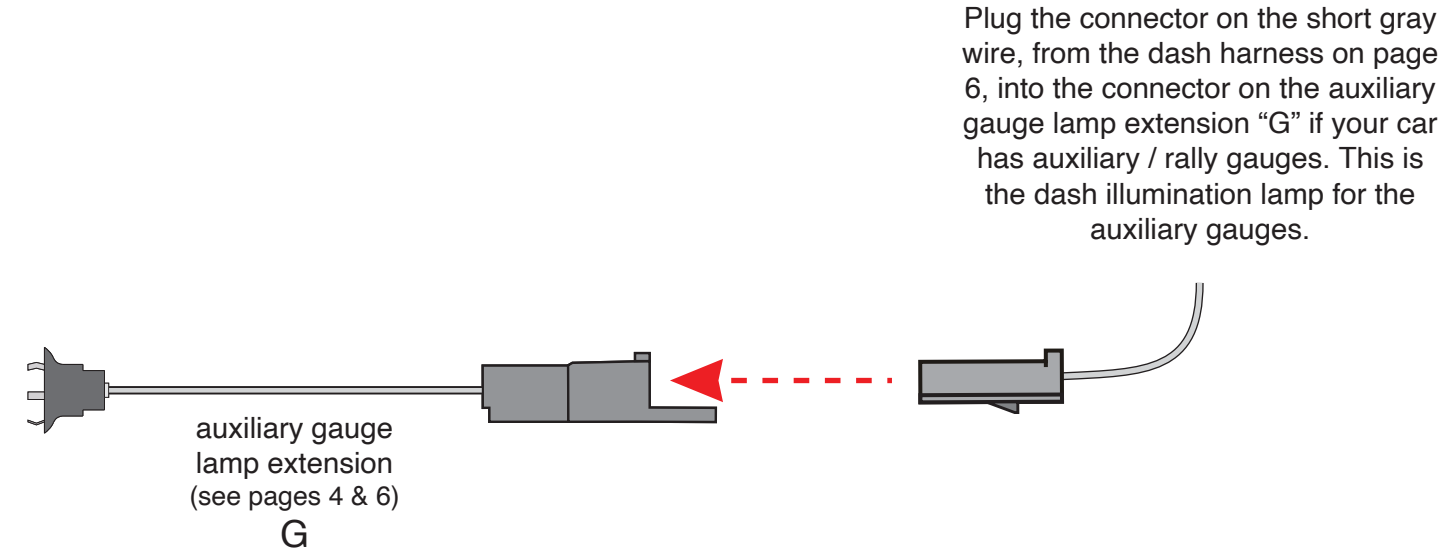
Heater wiring 1970:



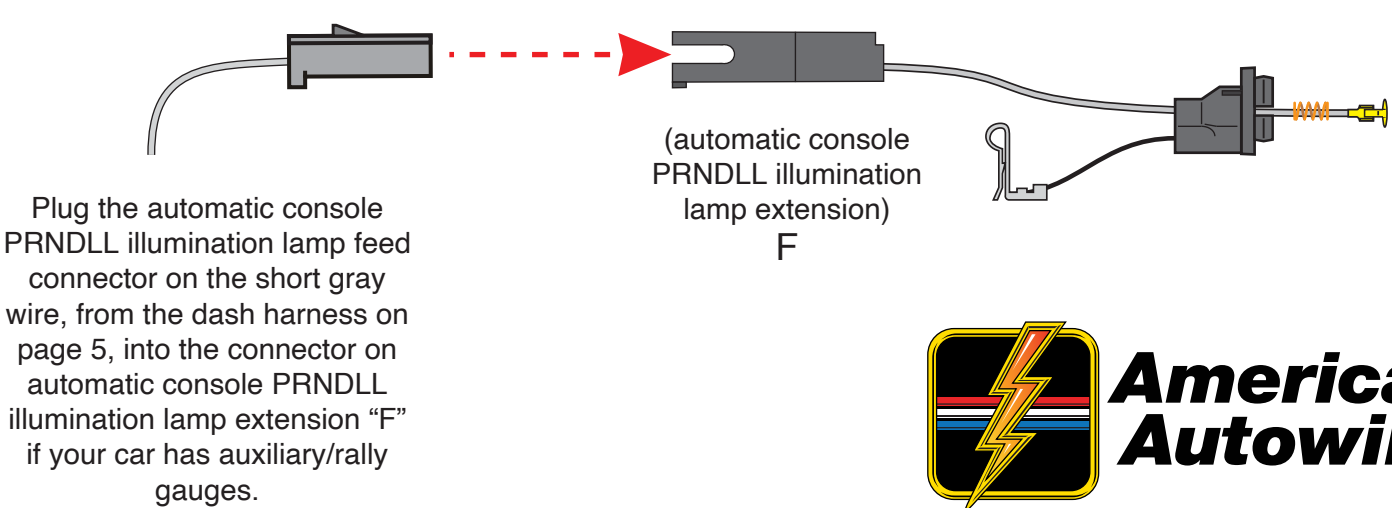
Heater wiring 1971-73:



Auxiliary gauge light wiring, all years:

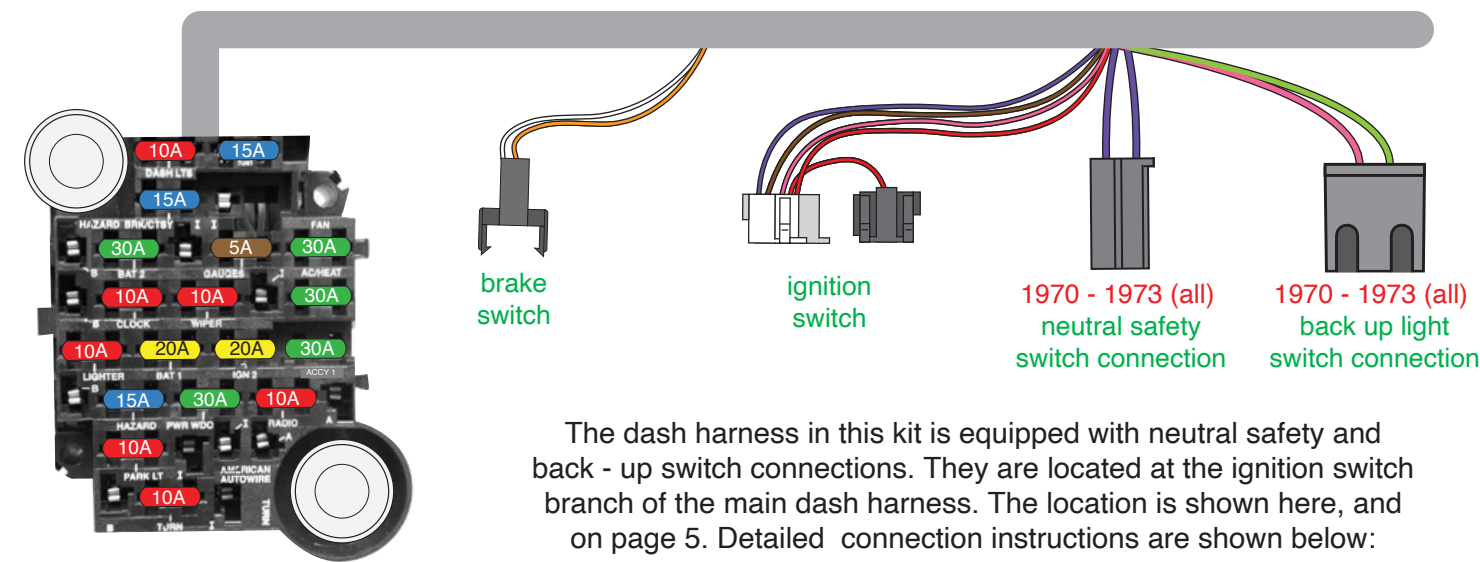


Automatic console PRNDL lamp connection, all years:



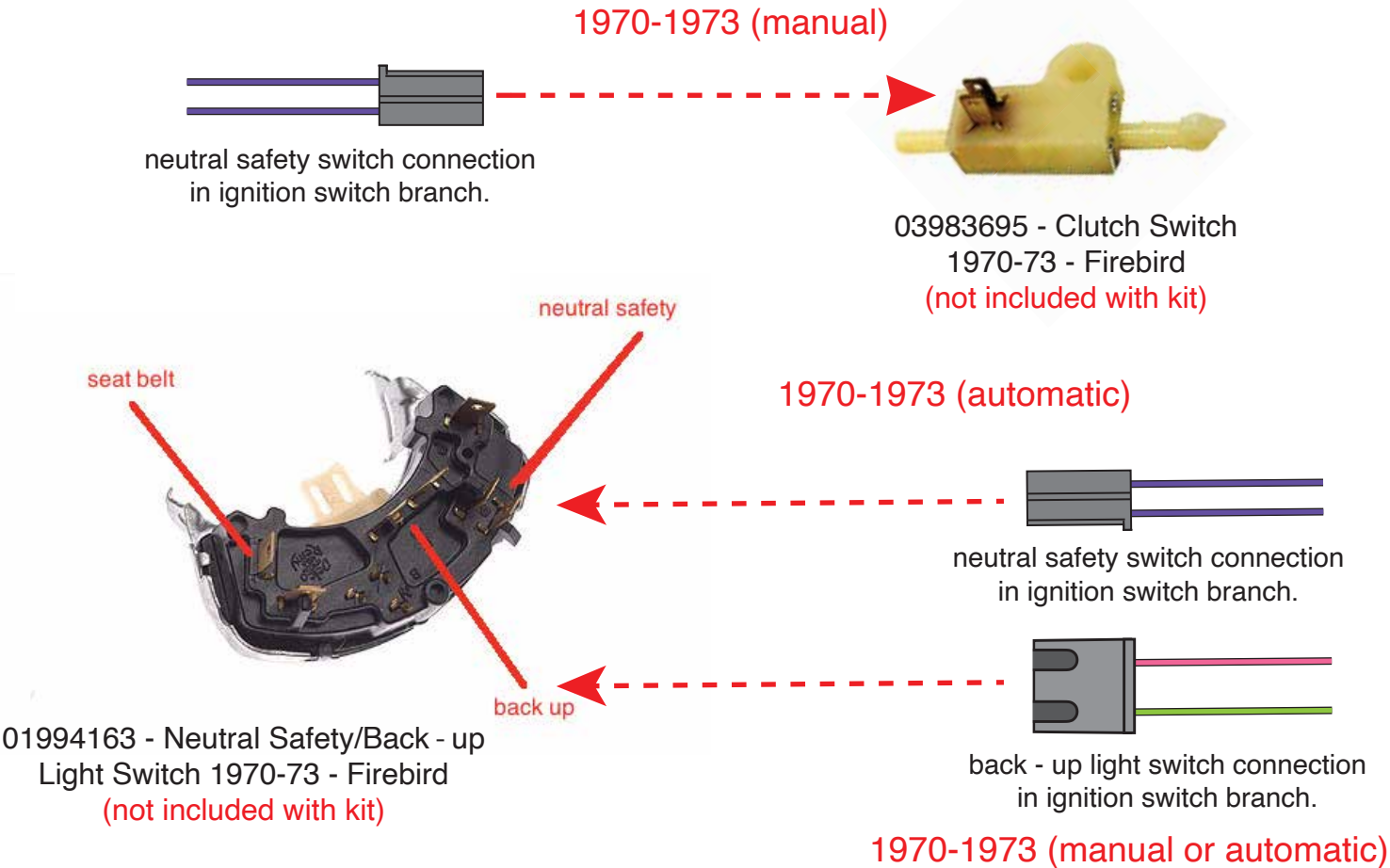
Dash/Main harness installation instructions:

Neutral safety and back up switch wiring:

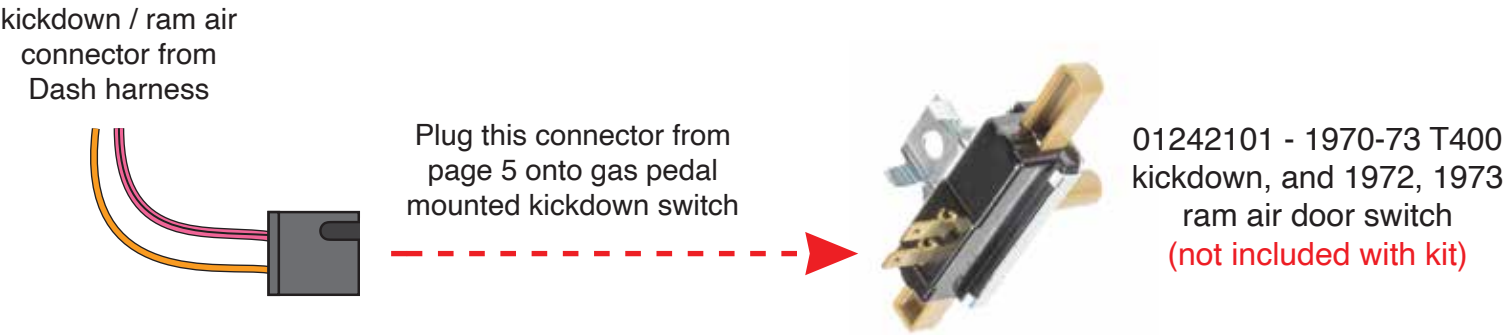


**Manual Cars:** Route the neutral safety switch connection located in the ignition switch branch to the pedal mounted clutch switch and plug the connection on to the switch terminals.

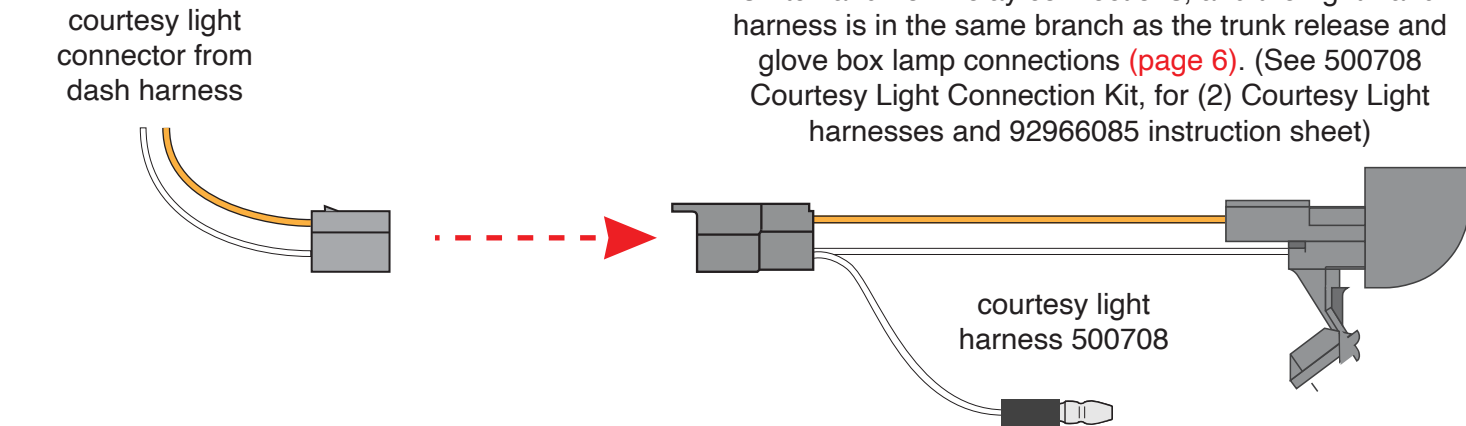
**Automatic Cars:** Route the neutral safety switch connection located in the ignition switch branch to the neutral safety switch mounted on the steering column and plug the connection on to the switch terminals.



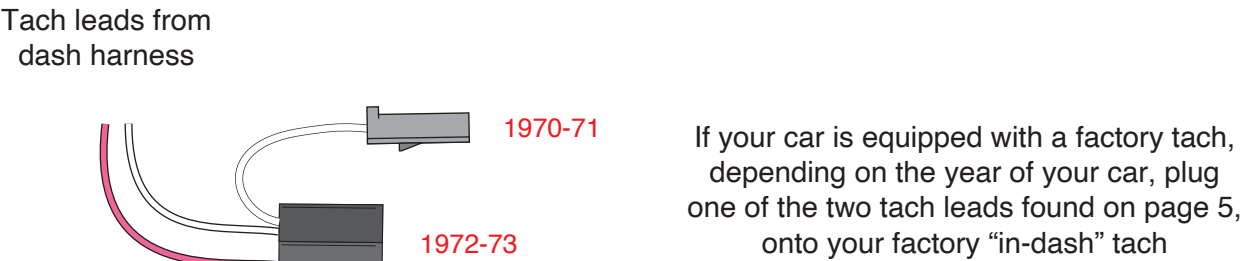
1970-73 T-400 kickdown and 1972-73 ram air door switch wiring:



Courtesy light wiring (all years):



Factory tach wiring (all years):

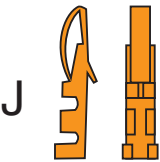
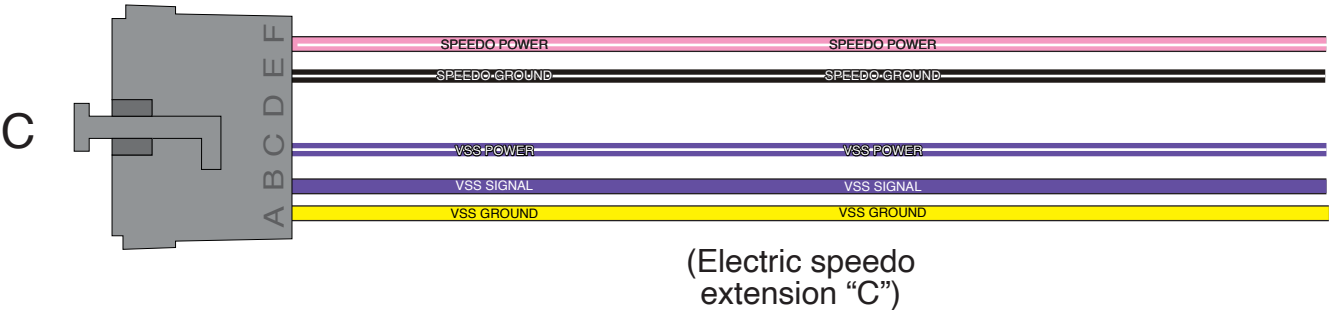
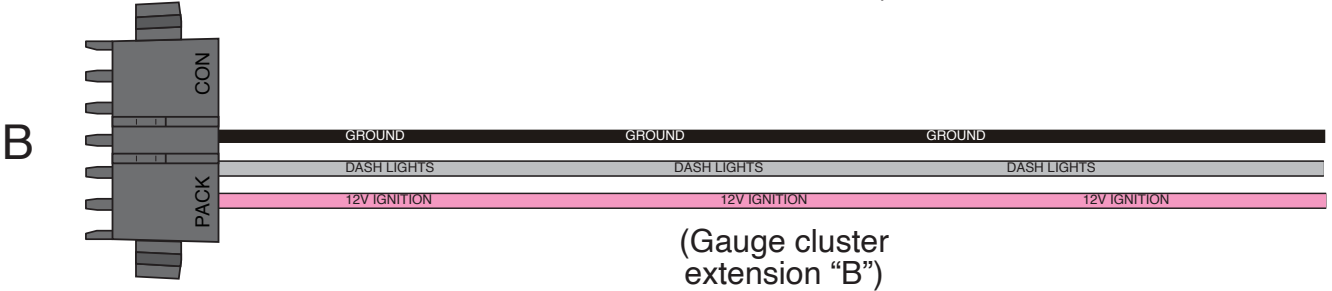
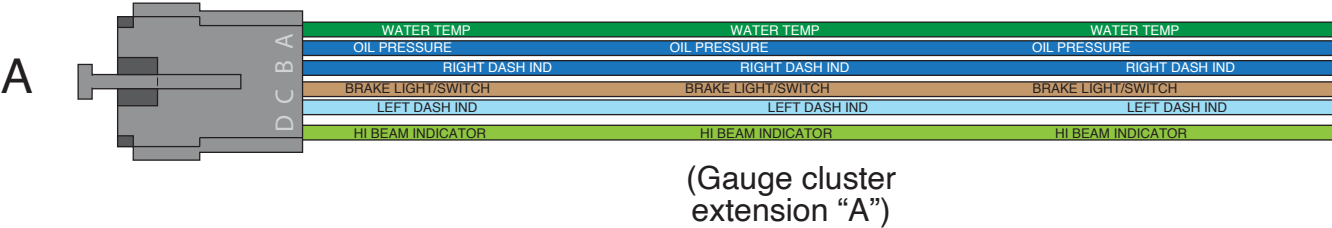


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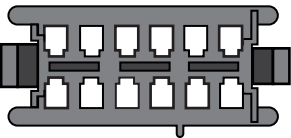
**1970-73 Firebird**  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025

# Gauge Cluster harness installation instructions:

Shown below, are the supplied pigtails and wires, misc. terminals, and plastic connector bodies included in the Gauge Cluster Harness and Loose Piece kit, bag “H” , that will be used to complete your Gauge Cluster connections. They are itemized and referred to on this page, just as they are on the following pages of this Gauge Cluster Harness instruction set.

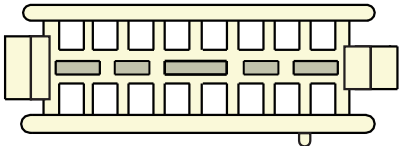


(Printed circuit board terminal “J”)



(Printed circuit board connector “K”)

K



(Printed circuit board connector “L”)

L



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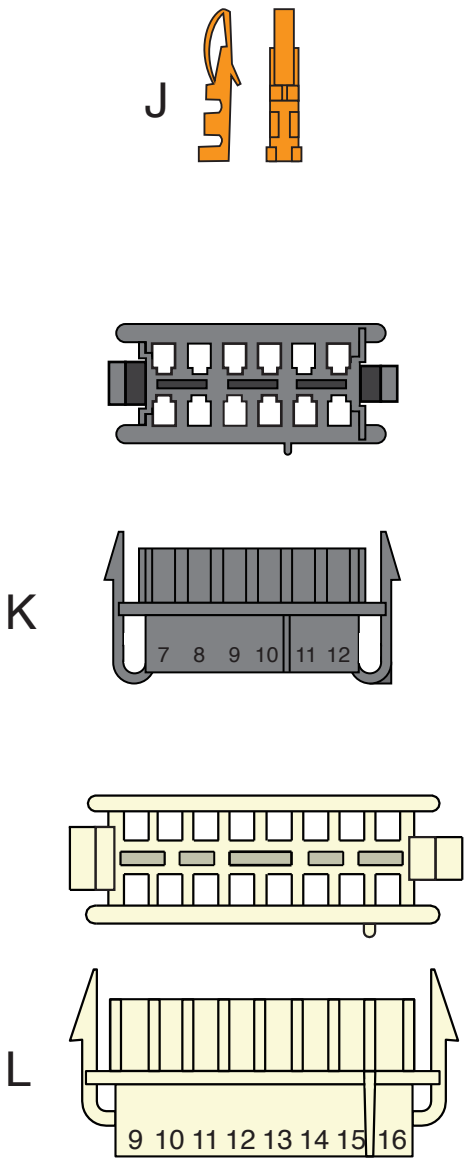
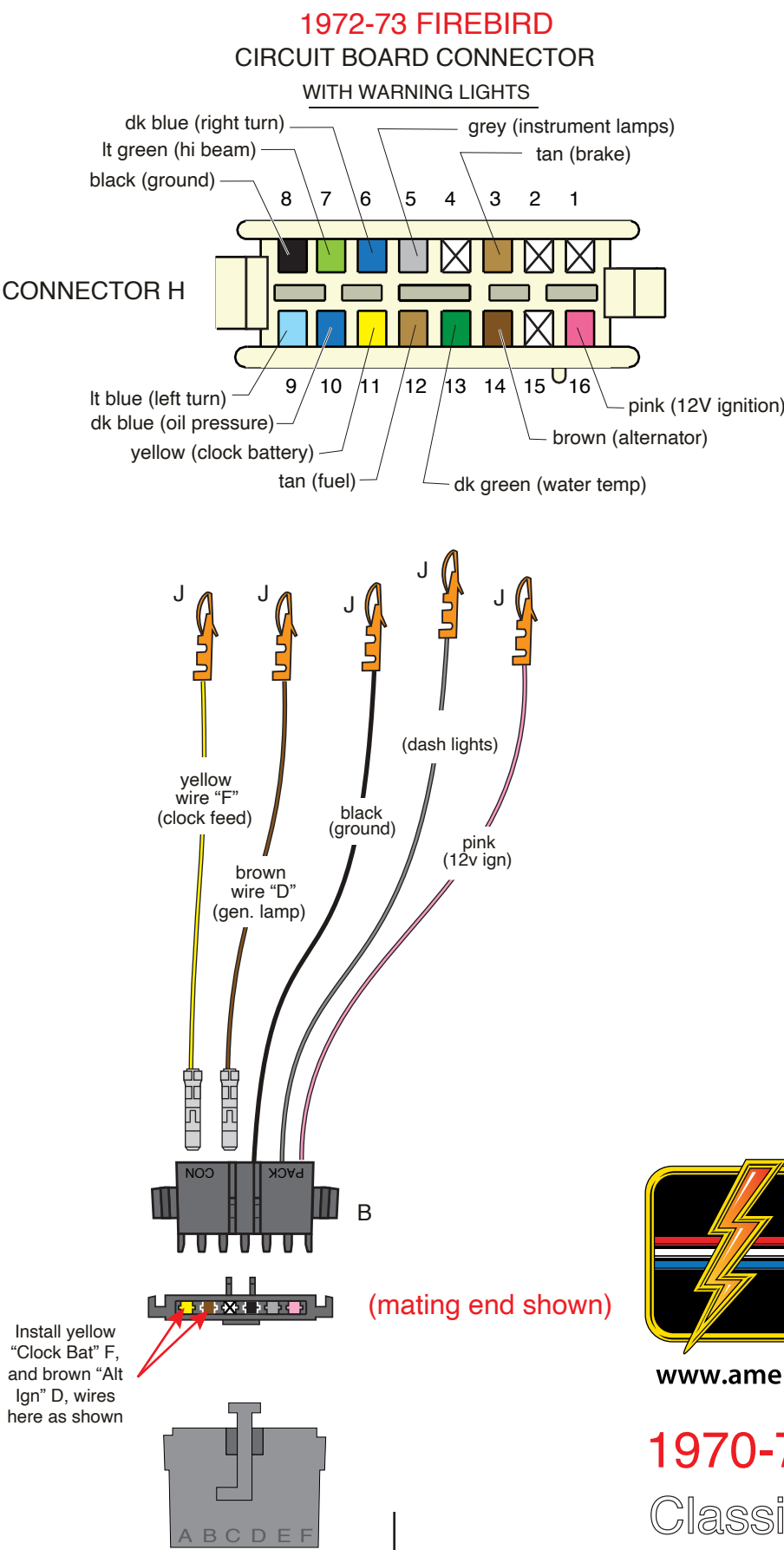
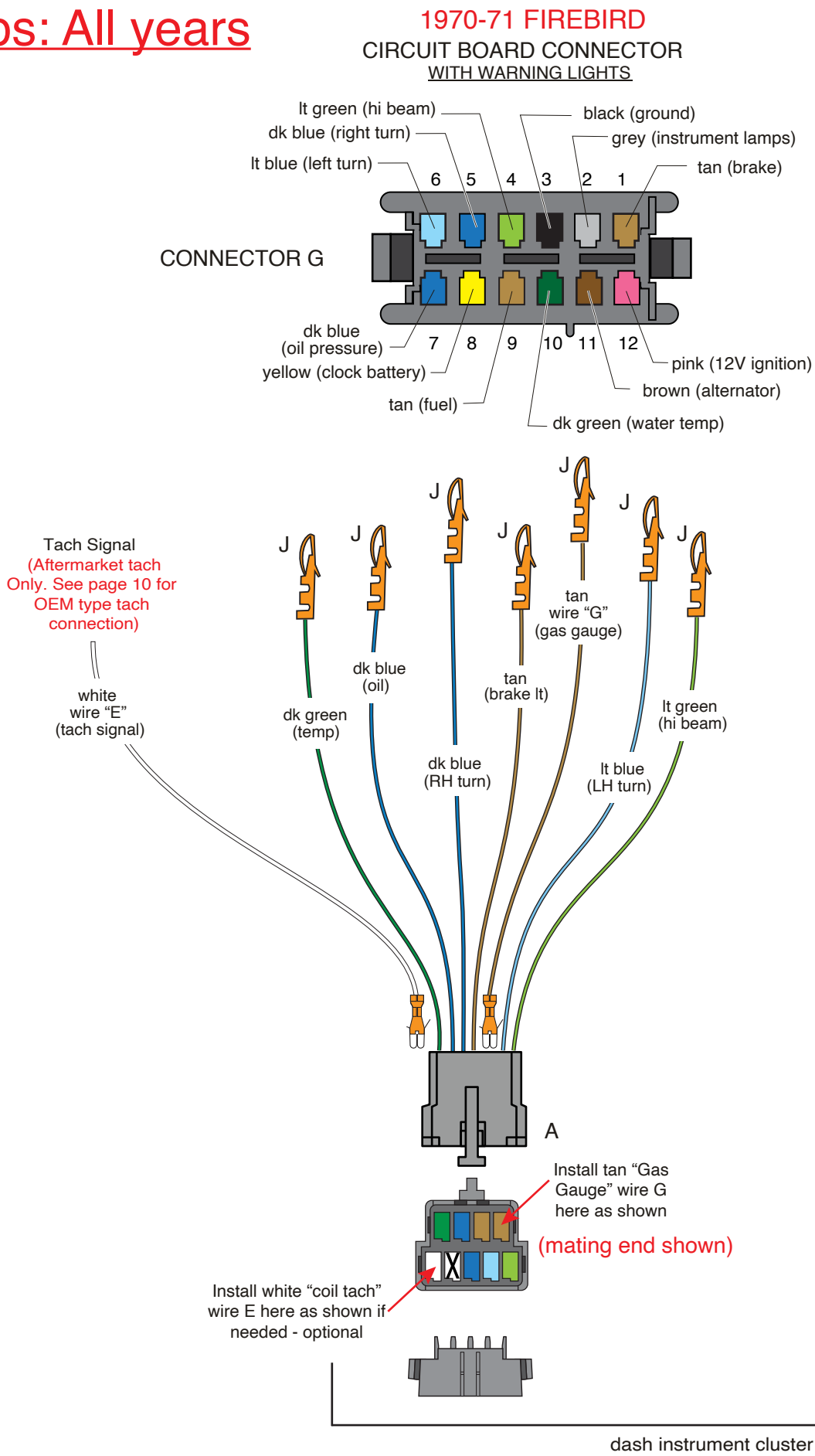
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Gauge Cluster harness installation instructions:

Warning Lamps: All years

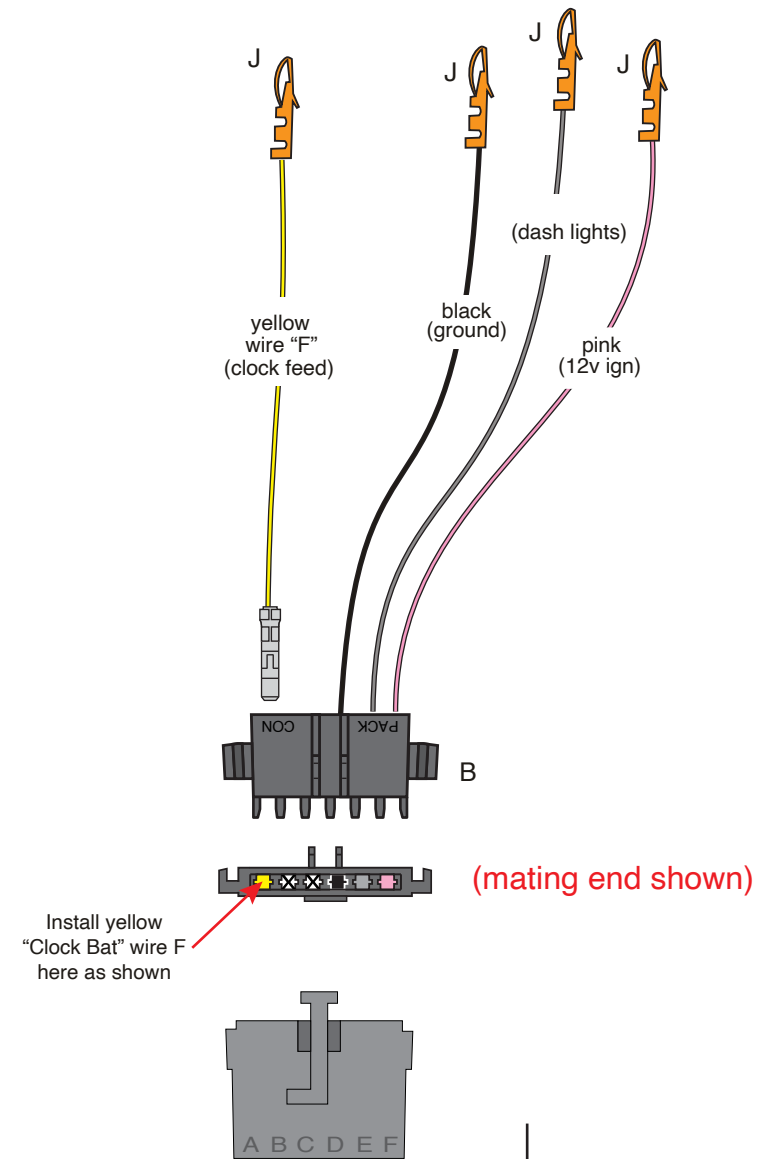
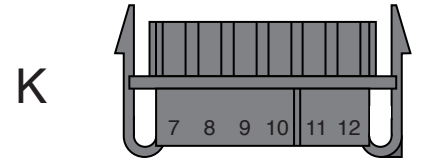
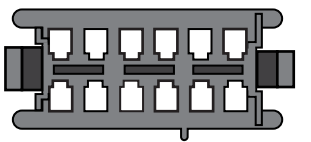
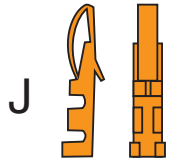
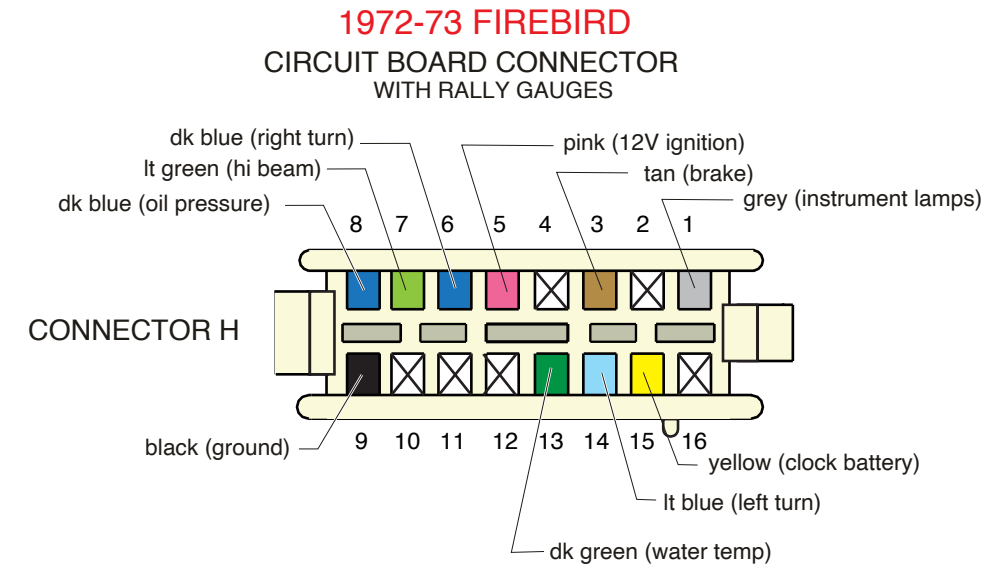
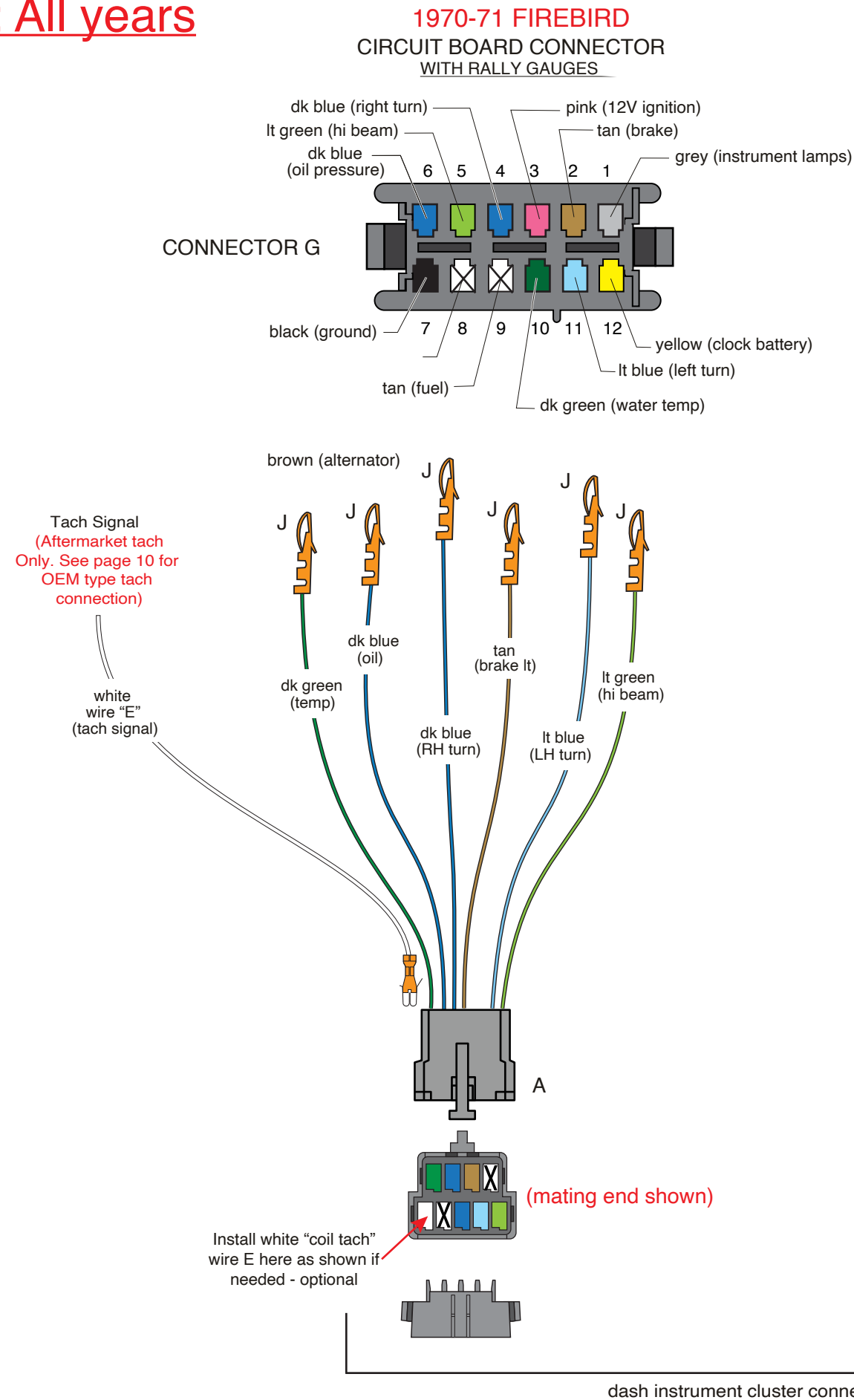


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# Gauge Cluster harness installation instructions:

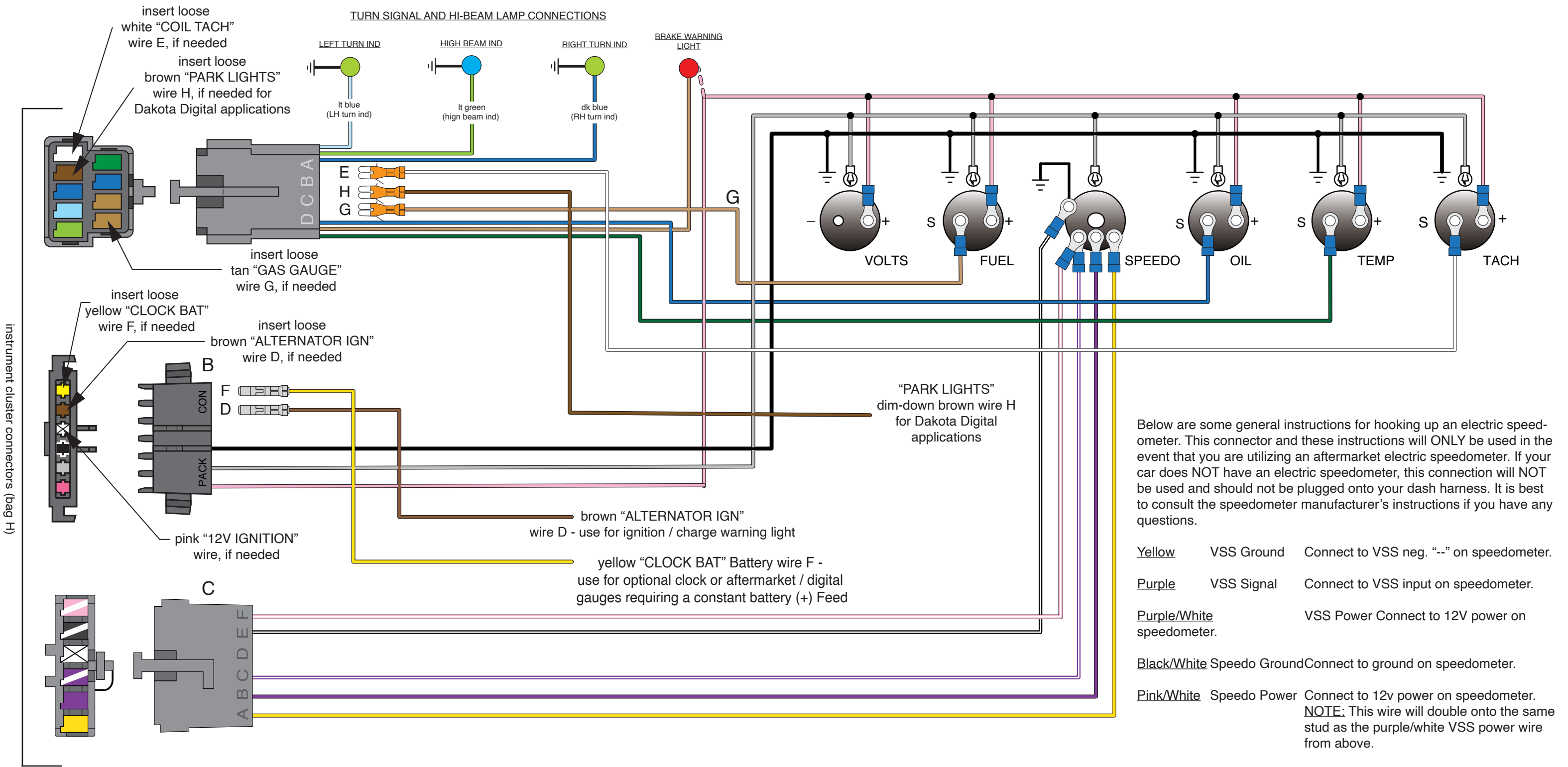
## Rally Gauges: All years



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**1970-73 Firebird**  
Classic Update Series  
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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.
Purple	VSS Signal	Connect to VSS input on speedometer.
Purple/White speedometer.	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.

See pages 11-12 for stock applications

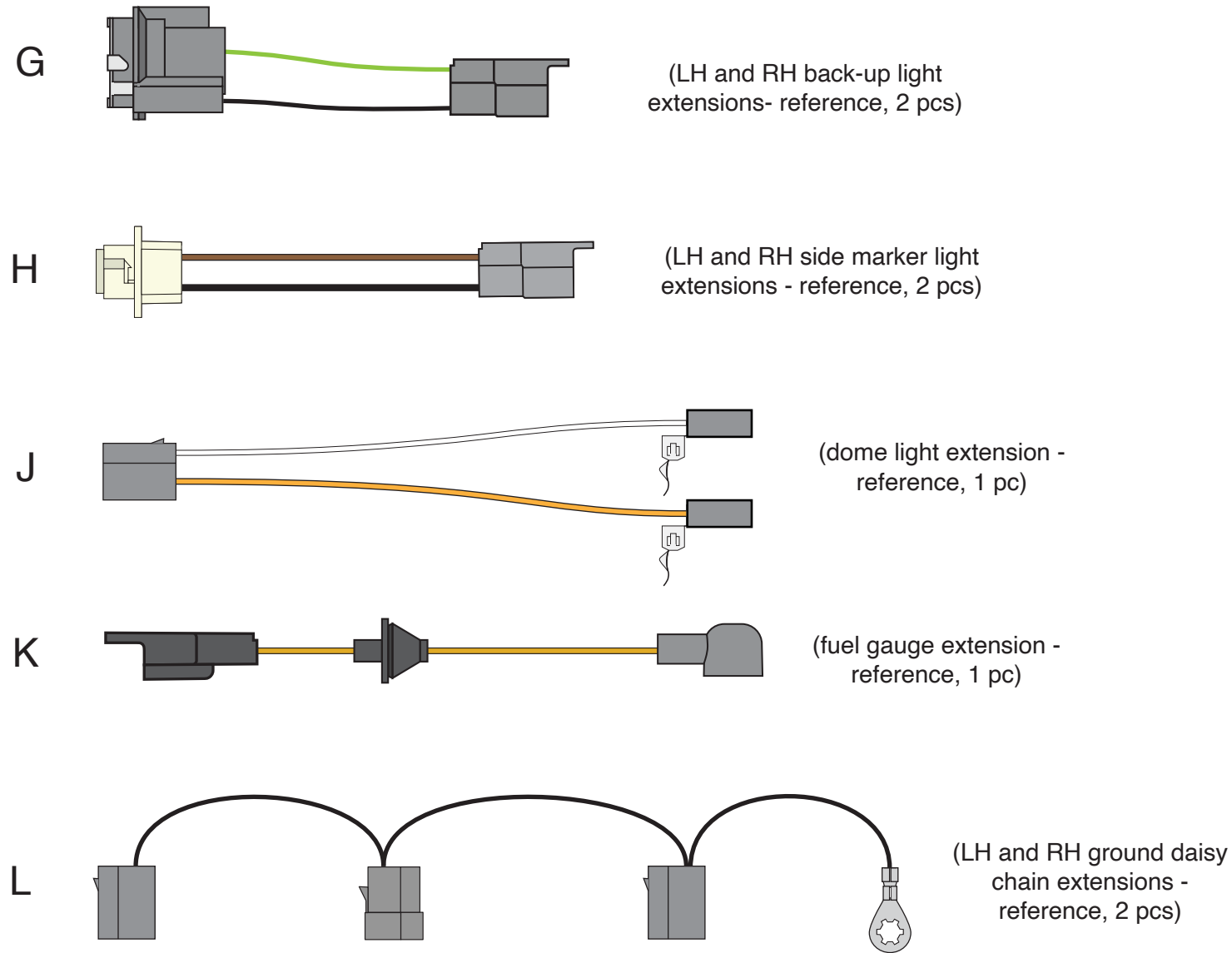
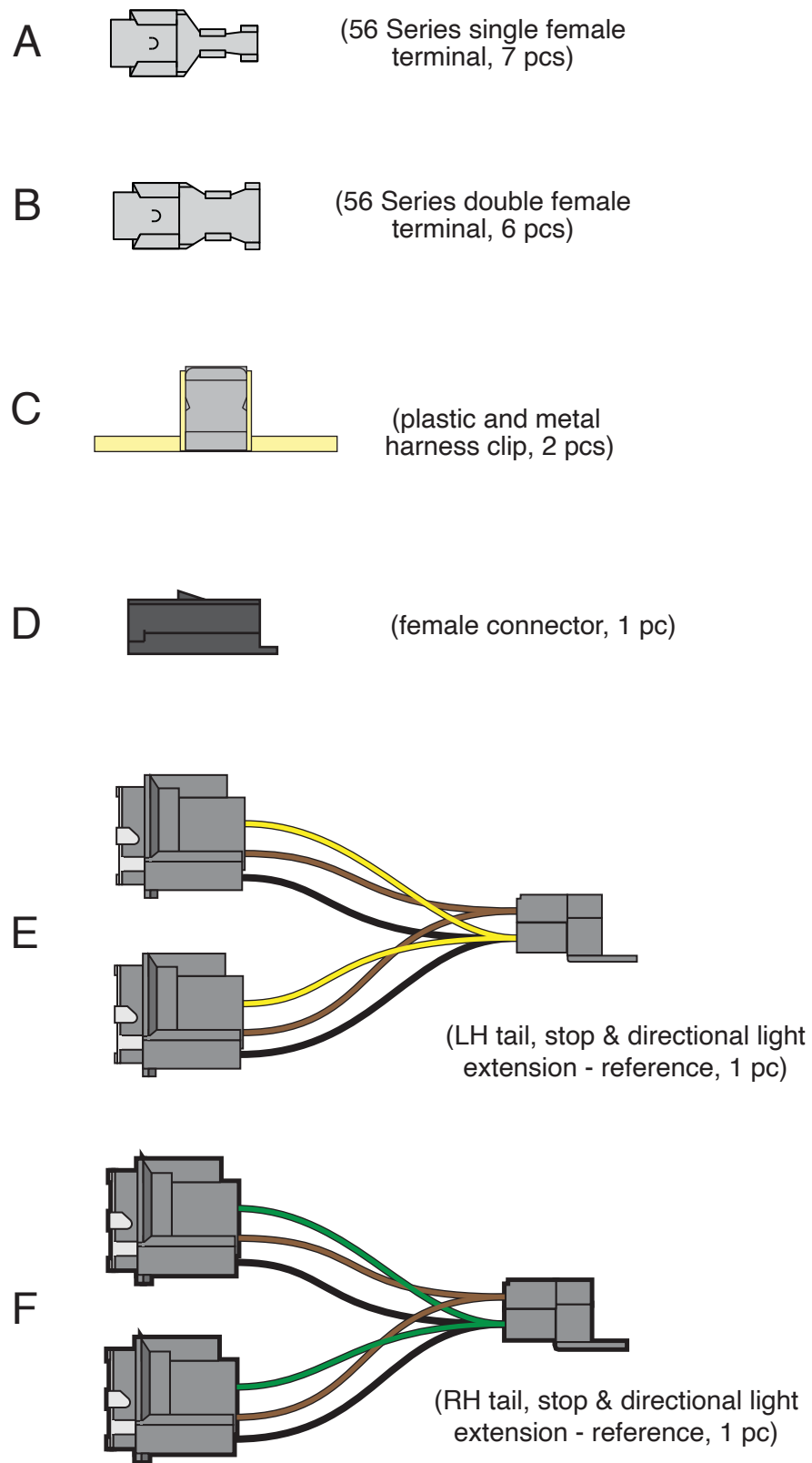


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Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025



Rear Body harness installation instructions:

Shown below, are the supplied misc. terminals, plastic connector bodies, clamps and wire extensions, included in the Rear Body Harness and Loose Piece kit, bag “M”, 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.





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Rear Body harness  
installation instructions:

1970-73 Firebird

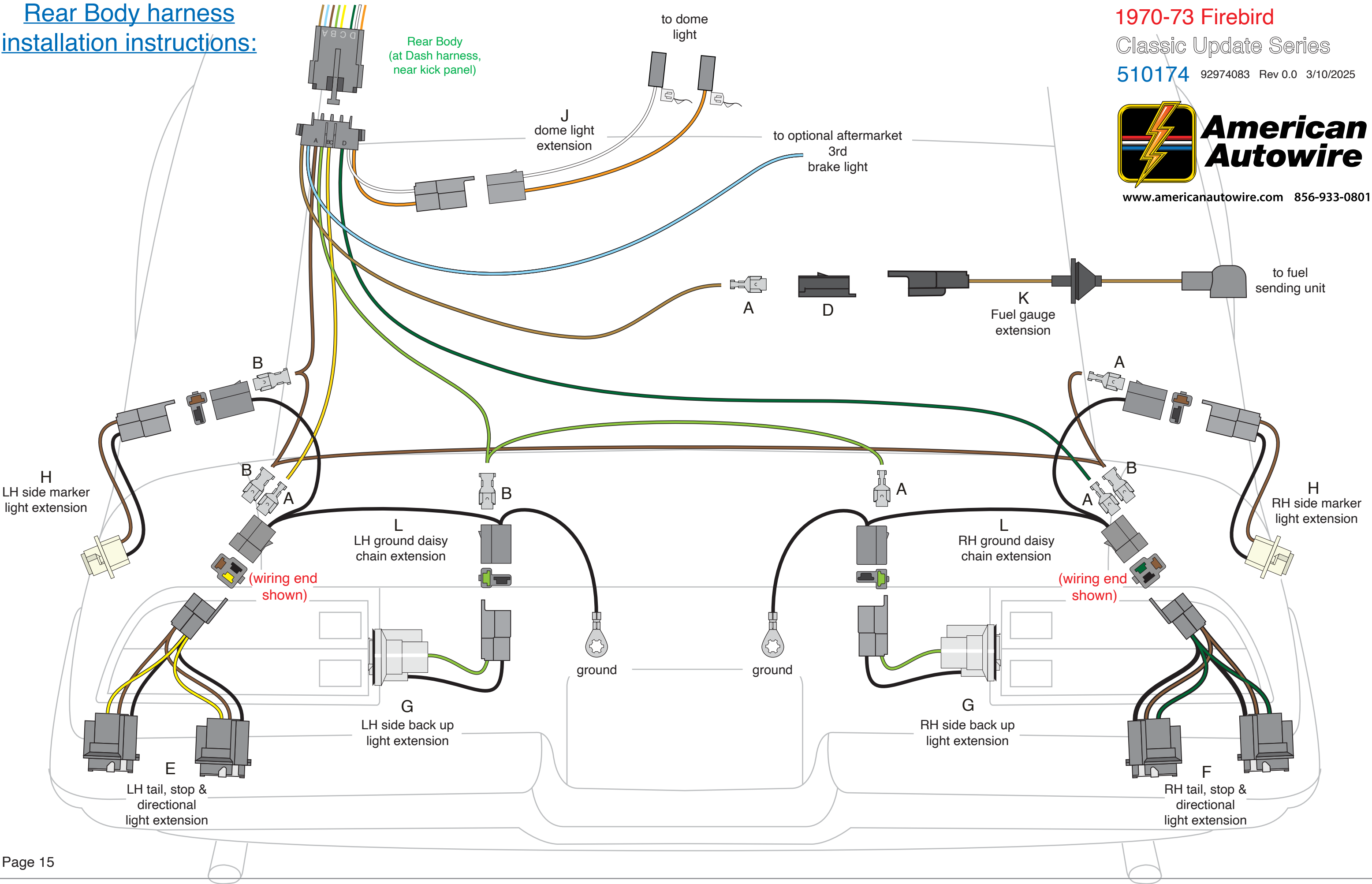
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# Front Light harness installation instructions:

Shown below, are the supplied misc. terminals, plastic connector bodies, clips, grommets, pigtails and wires, included in the Front Light Harness and Loose Piece bag “L”, 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.

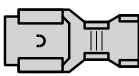
- A



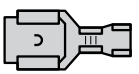
(56 Series double female connector, 2 pcs)
- B



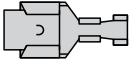
(56 Series single female connector, 2 pcs)
- C



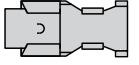
(59 Series double female terminal, 4 pcs)
- D



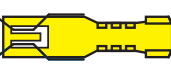
(59 Series single female terminal, 4 pcs)
- E



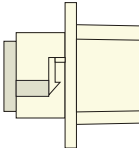
(56 Series single female terminal, 2 pcs)
- F



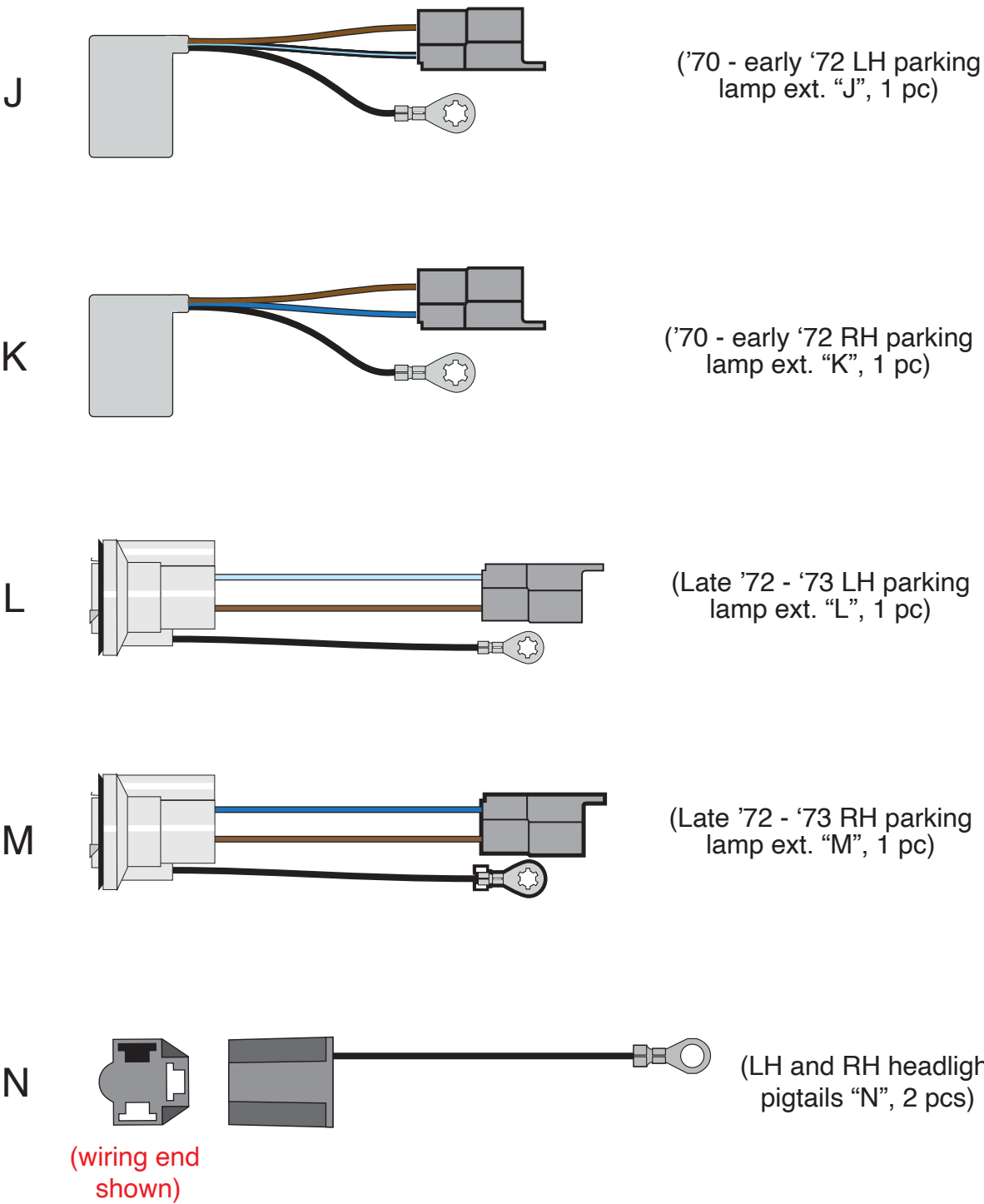
(56 Series double female terminal, 7 pcs)
- G



(wedge base single female terminal, 6 pcs)
- H



(light socket, wedge base, 2 pcs)





**American  
Autowire**

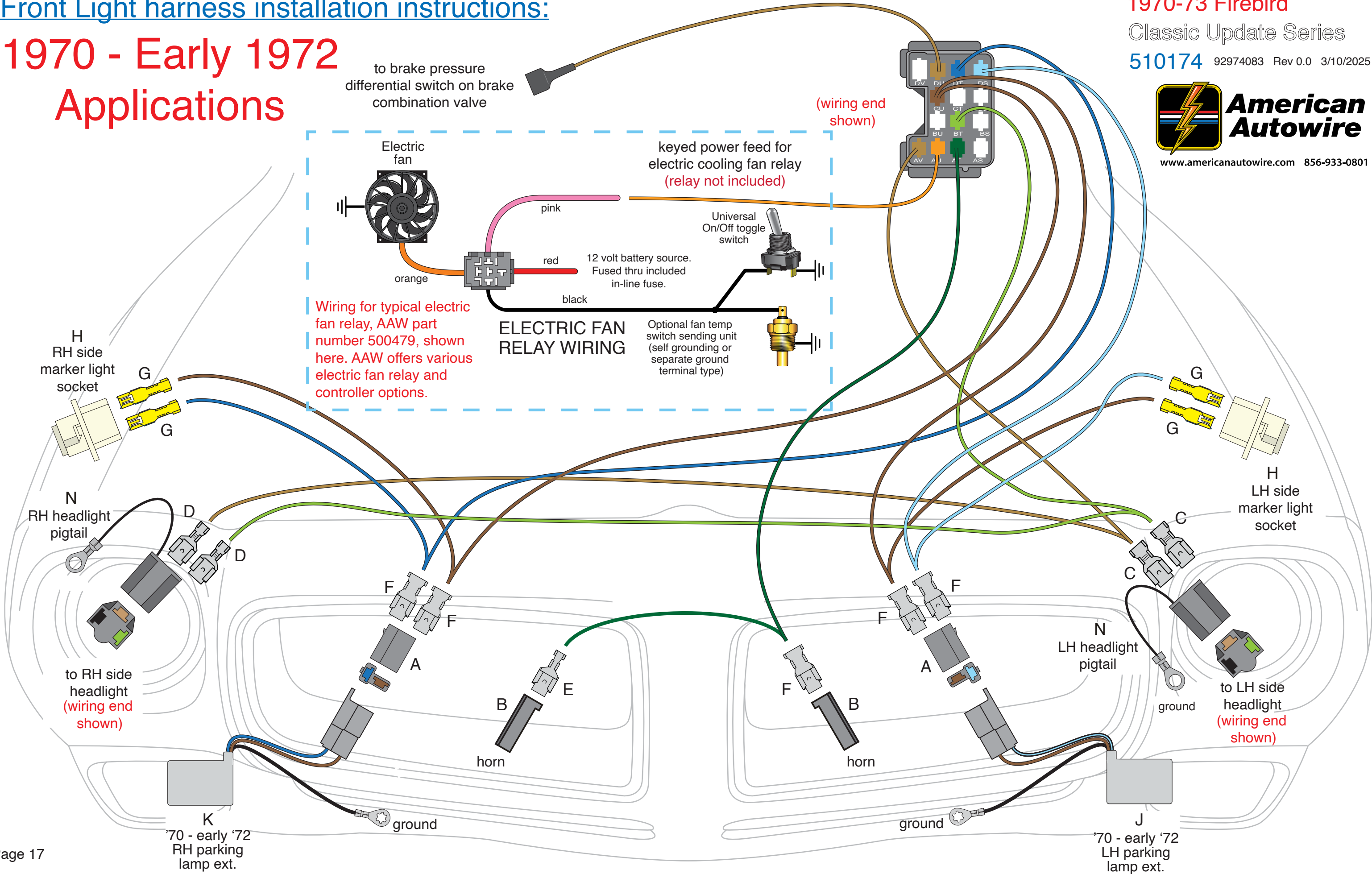
[www.americanautowire.com](http://www.americanautowire.com) 856-933-0801

1970-73 Firebird  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025



Front Light harness installation instructions:

1970 - Early 1972  
Applications



Front Light harness installation instructions:

Late 1972 - 1973  
Applications

1970-73 Firebird

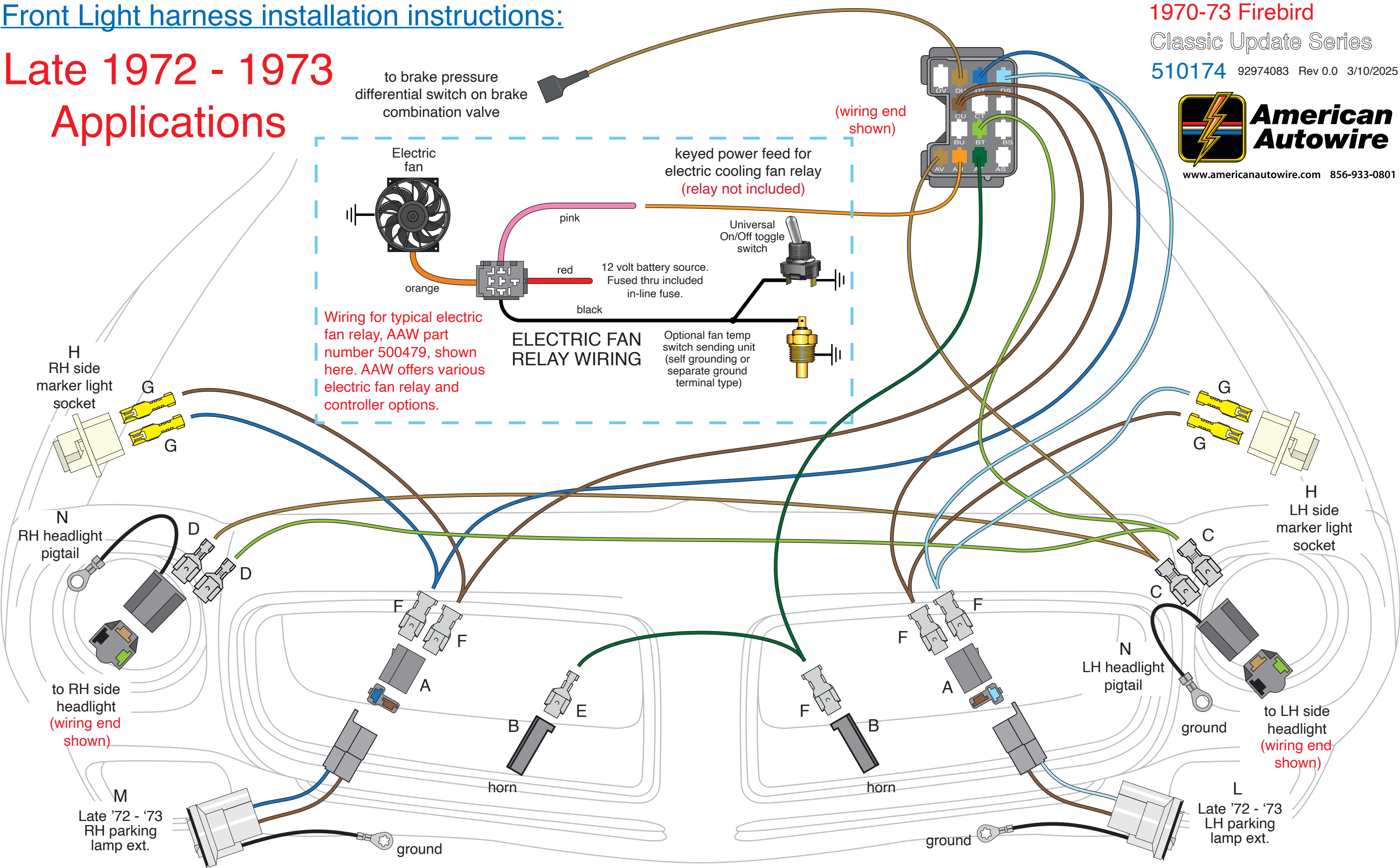
Classic Update Series

510174 92974083 Rev 0.0 3/10/2025



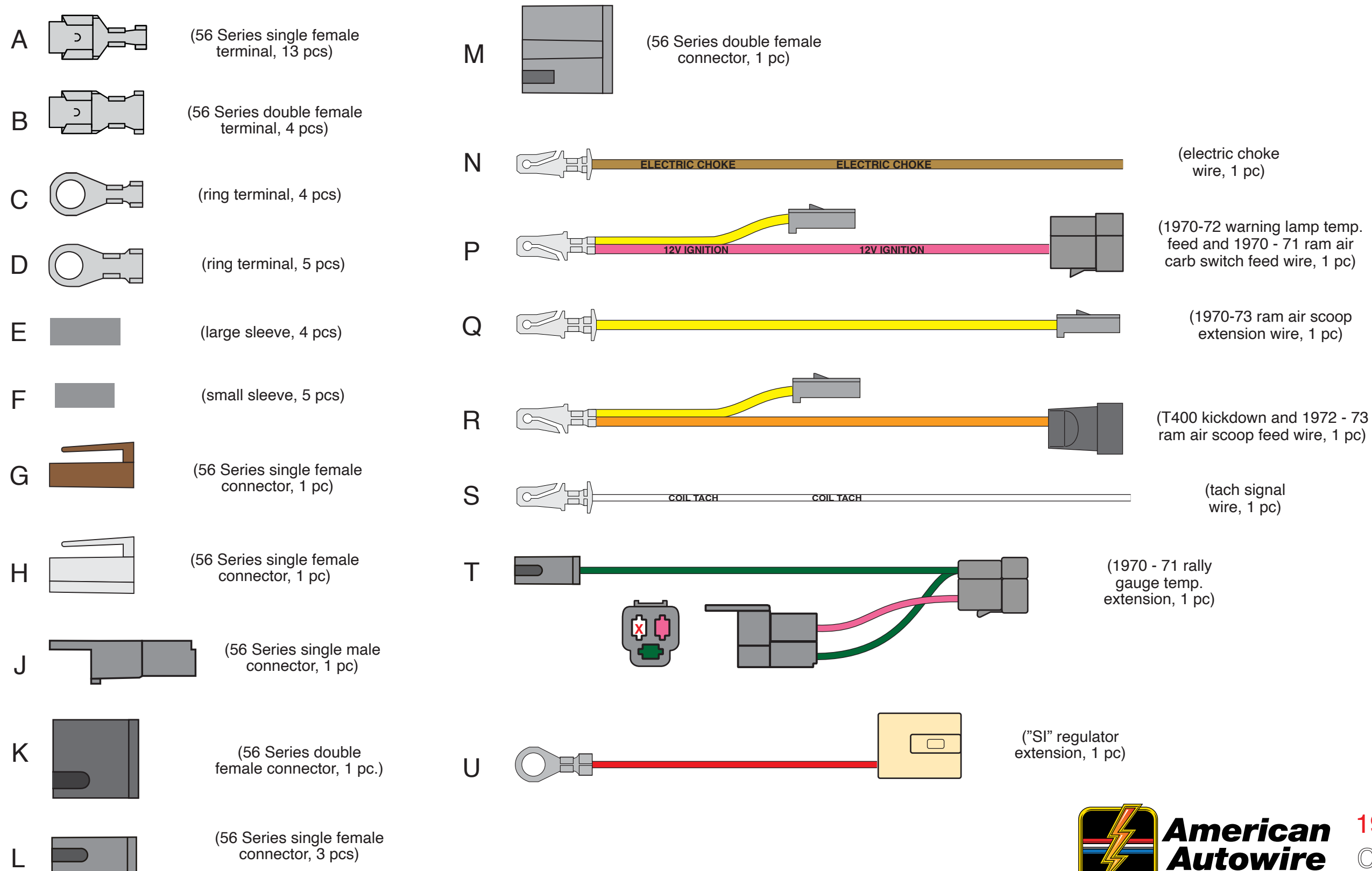
American  
Autowire

www.americanautowire.com 856-933-0801



## Engine harness installation instructions:

Shown below, are the supplied misc. terminals, sleeves, plastic connector bodies and wires, included in the Engine Harness and Loose Piece bags, 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.



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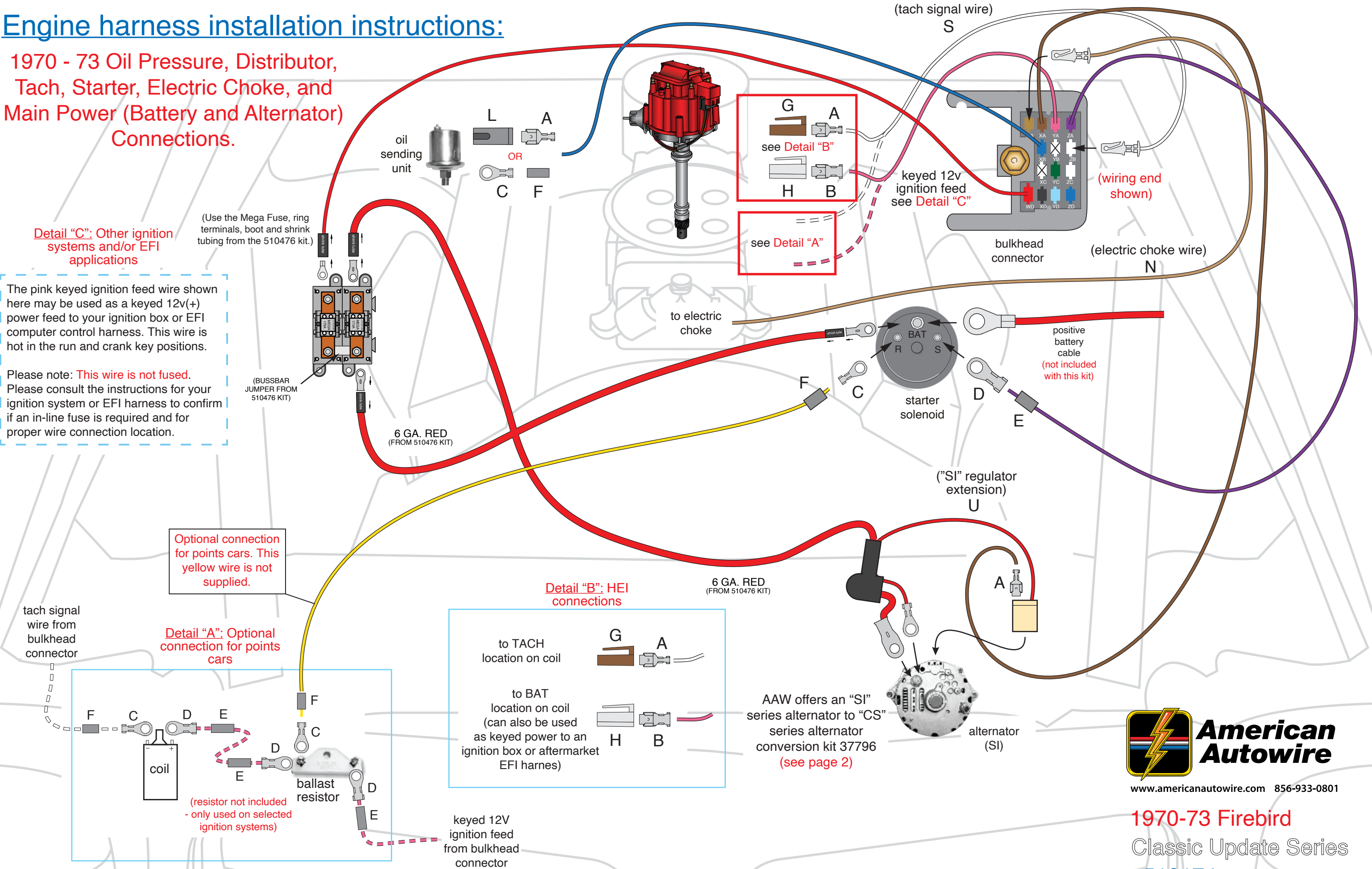
**1970-73 Firebird**  
Classic Update Series

**510174** 92974083 Rev 0.0 3/10/2025



Engine harness installation instructions:

1970 - 73 Oil Pressure, Distributor, Tach, Starter, Electric Choke, and Main Power (Battery and Alternator) Connections.



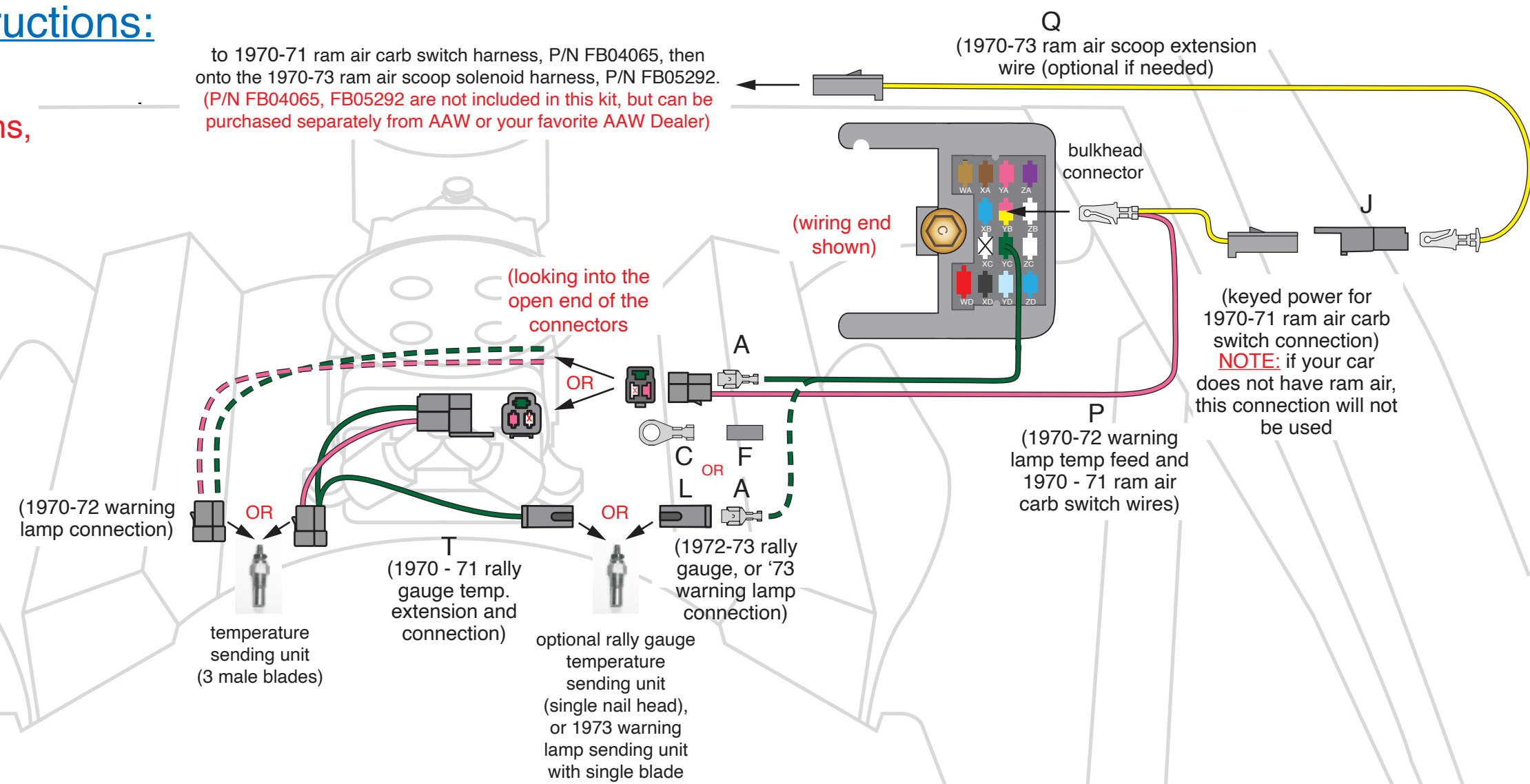
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1970-73 Firebird  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025

Engine harness installation instructions:

1970 - 73 Water Temperature (warning lamps or factory rally gauges) Connections, 1970-71 Ram Air Scoop Connections.

to 1970-71 ram air carb switch harness, P/N FB04065, then onto the 1970-73 ram air scoop solenoid harness, P/N FB05292. (P/N FB04065, FB05292 are not included in this kit, but can be purchased separately from AAW or your favorite AAW Dealer)



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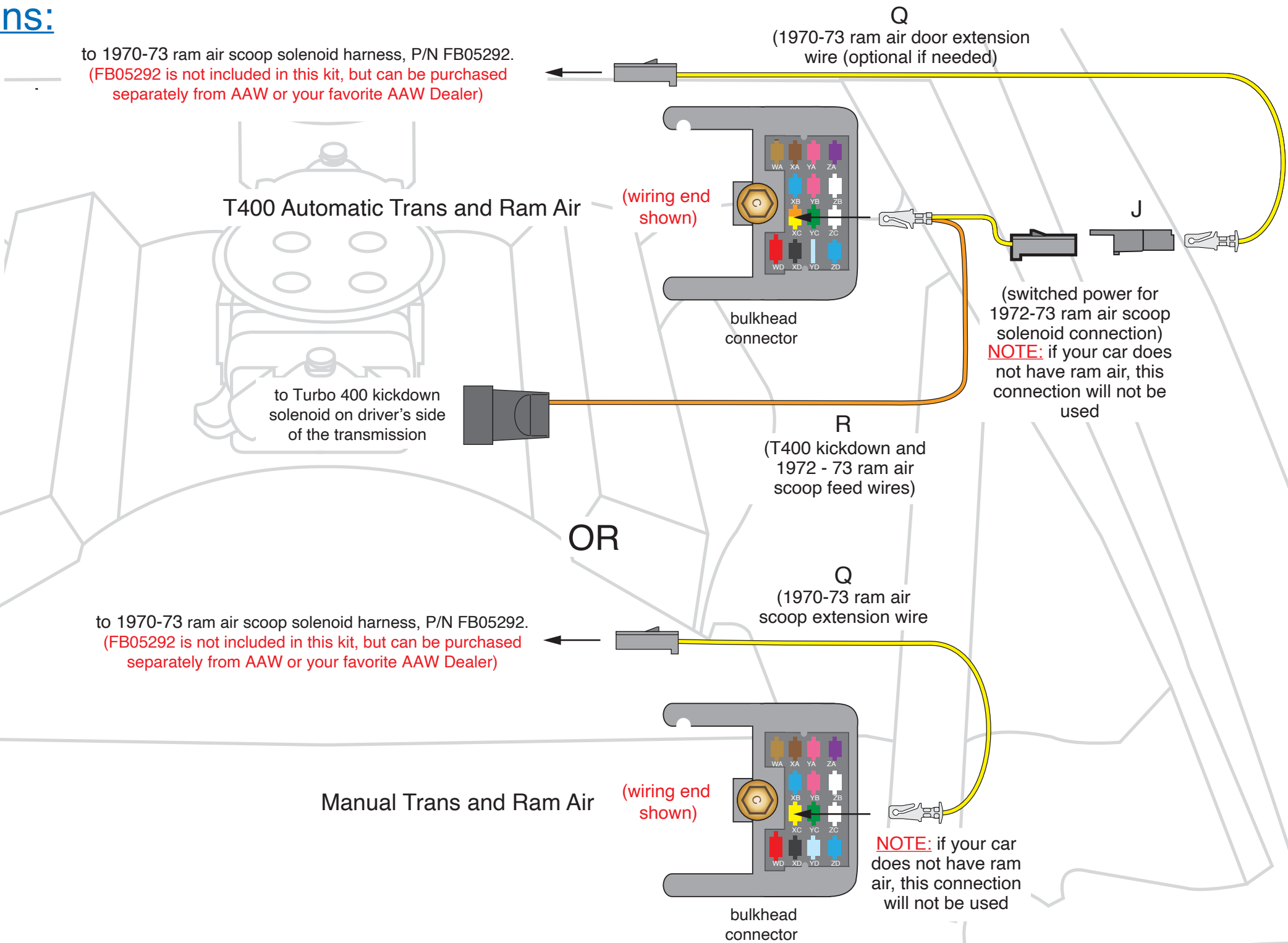
1970-73 Firebird  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025

Engine harness installation instructions:

1970 - 73 Turbo 400 Transmission  
Kickdown Connections with 1972-73  
Ram Air Scoop Connections.

OR

1972-73 Ram Air Scoop Connections  
with Manual Trans.

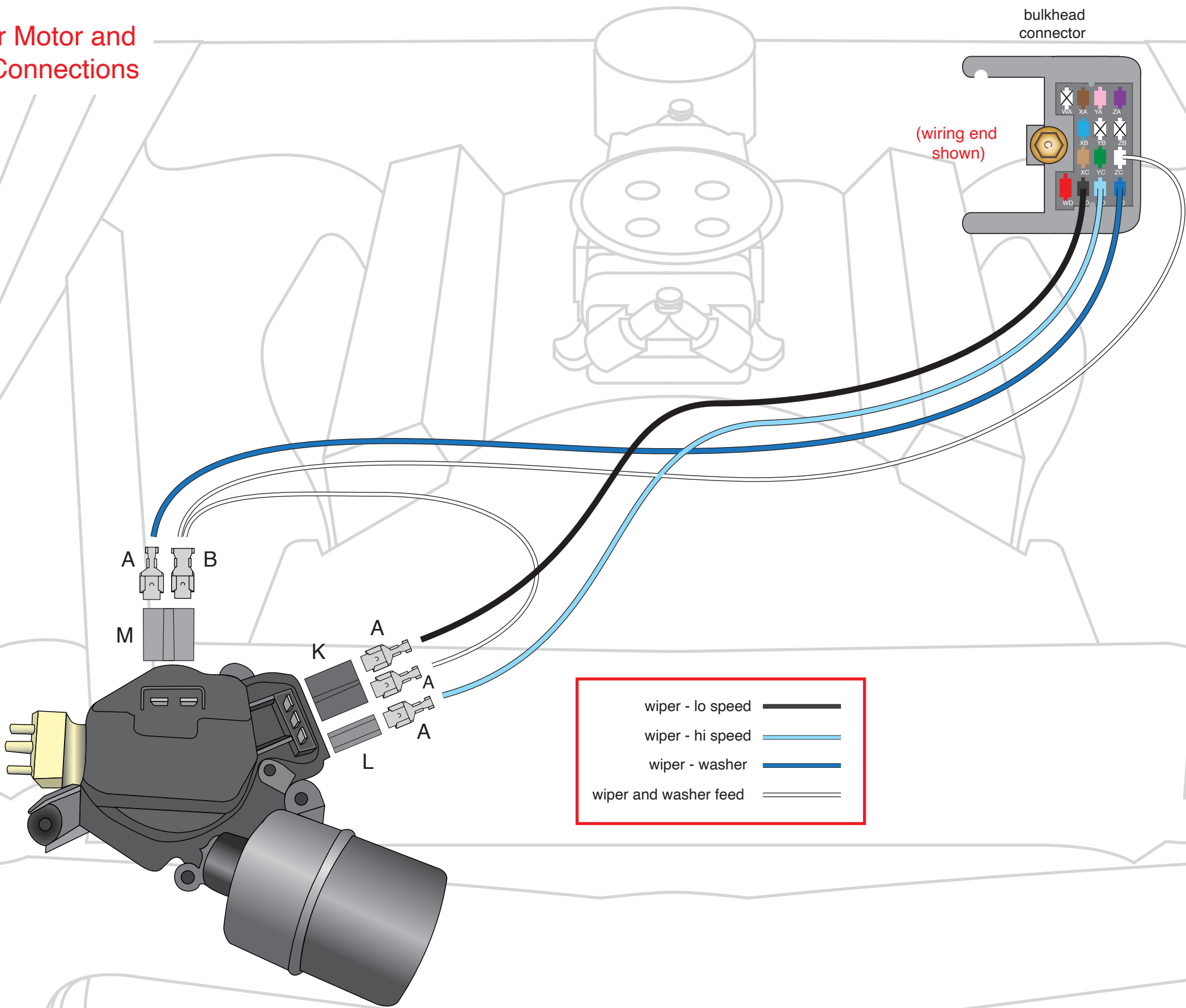


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1970-73 Firebird  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025

Engine harness installation instructions:

1970 - 73 Wiper Motor and Washer Pump Connections



1970-73 Wiper Motor/Washer Pump



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1970-73 Firebird  
Classic Update Series  
510174 92974083 Rev 0.0 3/10/2025



### 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:

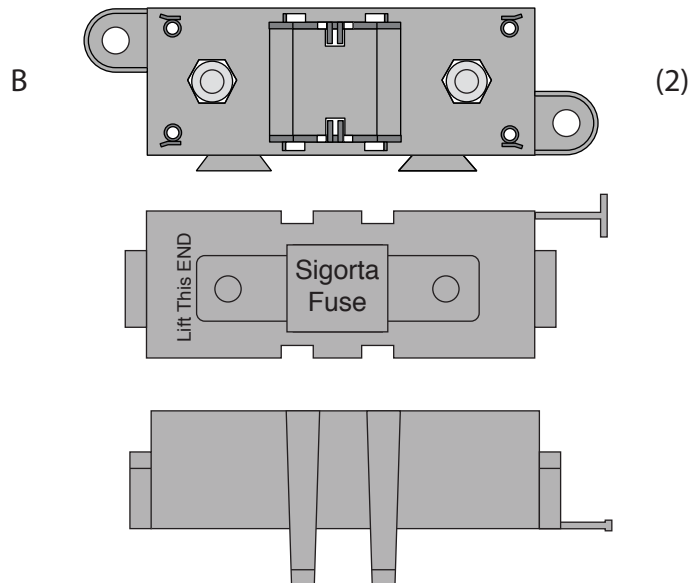
Any non-functioning items should be checked for proper installation. Any problems with your wiring and electrical circuit functions, should be addressed to American Autowire Systems, Inc. as soon as possible, to avoid any warranty problems.

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

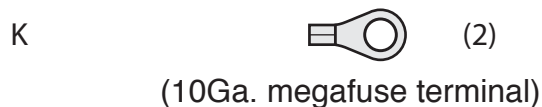
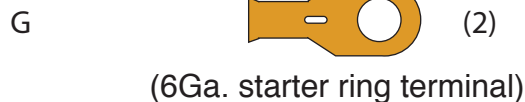
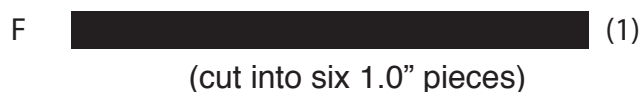
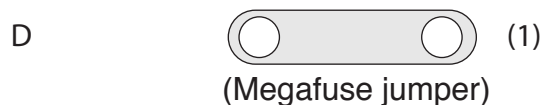
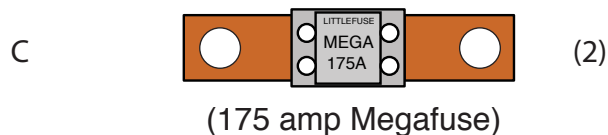


**1970-73 Firebird**  
Classic Update Series  
**510174** 92974083 Rev 0.0 3/10/2025

A  (1)  
(144.0" 6 Gauge charge wire)



(Megafuse body, cover and two M8 x 1.25 nuts / lock washers)



1. On this page, you will find the wire, fuse bodies, fuses, boot, ring terminals, and shrink tubing (items A through K) that are necessary to connect your alternator and main power feed for your new AAW wiring kit. Please be sure that all of the necessary components are present before starting this portion of your installation. If anything is missing, stop what you are doing and contact AAW at the number listed below right away.

2. On page 2, you will find directions for building the 2 Megafuse assemblies (items B,C and D) into one unit.

3. On page 3, you will find an overall concept of how to connect the Megafuse assemblies to your starter solenoid, alternator and main power feed of your new wiring system.

4. On page 4, you will find tips on building your charging circuit wires and assembling them and the main panel power feed wire to the Megafuse assemblies.



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PART #

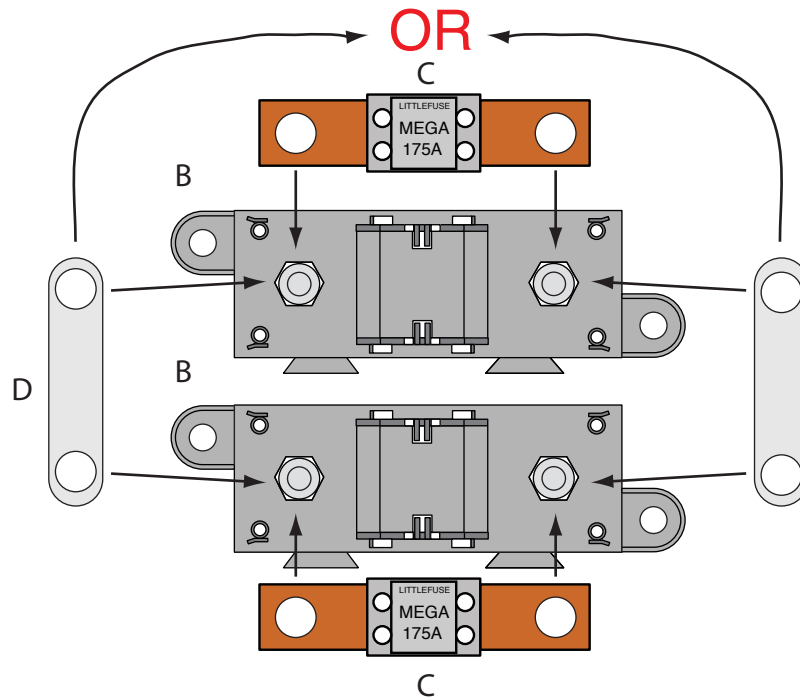
**510476**

**Z**

DESCRIPTION:

**Alternator and Main Power  
Connection Kit  
Various Applications**

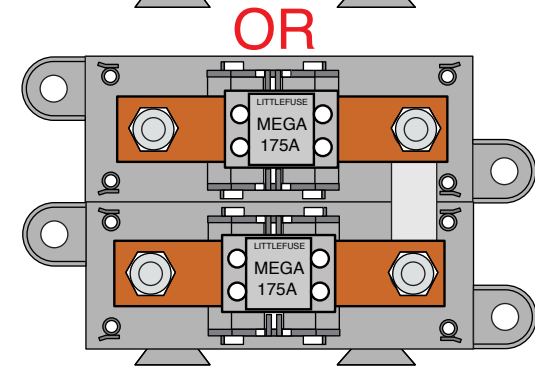
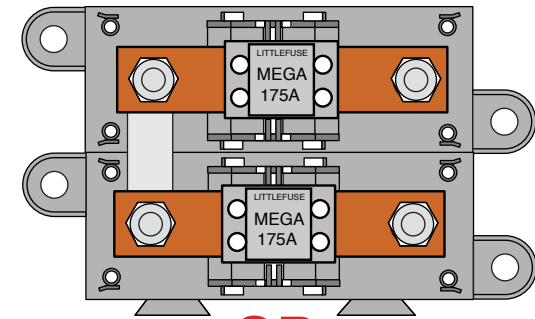
92972153 instruction sheet rev 0.1 6/24/2019



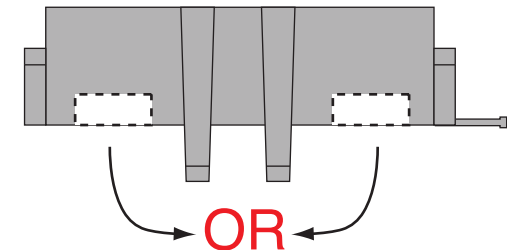
## Assembling the (2) Megafuse assemblies

**NOTE:** Find a suitable place, as close to the battery power source as possible, under the hood of your vehicle to mount the completed Megafuse assemblies. Keep in mind that you have 12 feet of 6Ga. charging wire, and that the main power feed coming from your panel or bulkhead connection must also be able to reach the assembly.

1. Take the two Megafuse bodies and covers (items B) and snap them together. Remove the 4 nuts and lock washers from the studs on the fuse body assemblies.
2. Install the Megafuse jumper (item D above) over two of the studs on the Megafuse bodies. It is very important that the jumper **MUST BE** assembled on the side that is going to connect to your main power connection (starter solenoid or battery feed).
3. Notch top cover to clear jumper D as shown at right.
4. Snap one 175amp fuse (items C) onto the studs of each of the two Megafuse bodies (items B), over the jumper, then loosely re-attach the 4 nuts and lock washers back onto the assembled Megafuses. The fuse assemblies are ready to install into your vehicle.



## Assembled Megafuses



## Notched Cover

PART #

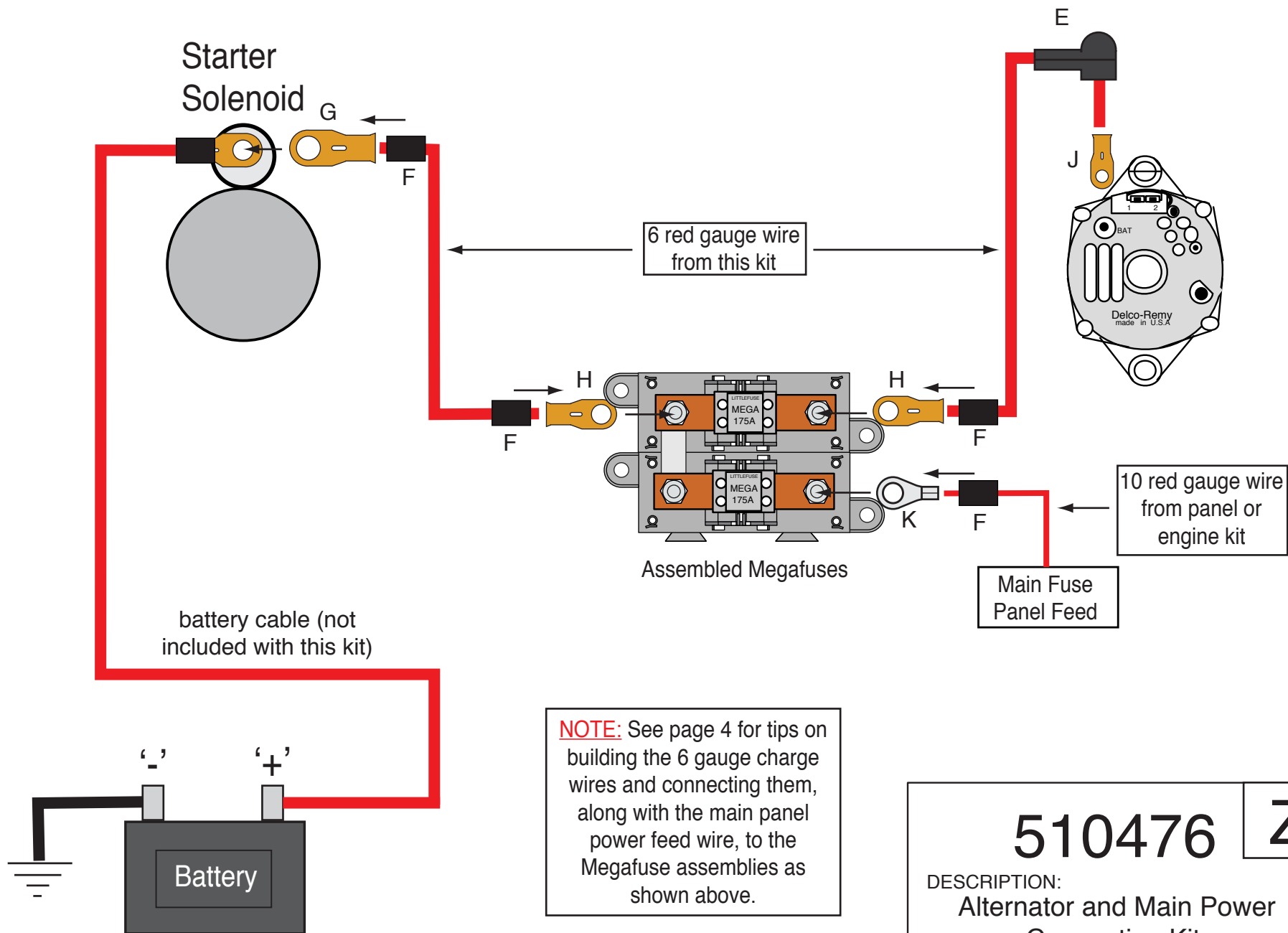
**510476**

**Z**

DESCRIPTION:

**Alternator and Main Power  
Connection Kit  
Various Applications**

92972153 instruction sheet rev 0.1 6/24/2019



510476

Z

DESCRIPTION:  
Alternator and Main Power  
Connection Kit  
Various Applications

92972153 instruction sheet rev 0.1 6/24/2019



## **Building the 6Ga. charge wires and connecting them and the main panel power feed wire to the Megafuse assemblies:**

**NOTE:** Make sure that your battery is disconnected! You will need to install the preassembled Megafuses from page 2 in your vehicle to start this part of the installation.

1. Pre-cut item F shrink tubing into (6) 1.00" - 1.25" pieces.
2. Take the 12-foot piece of 6Ga. red wire from this kit and route it from your starter (or other battery feed) over to the area where you have mounted your Megafuse and cut it to length. Strip the insulation on each end back 1/2". Install 2 pieces of shrink tubing F onto the wire. At the starter end, crimp and solder (1) of terminal G onto the wire. At the Megafuse end, crimp and solder (1) of terminal H onto the wire. Slide the shrink tubing over the terminals and heat it up to shrink it down.
3. Take the remaining portion of the 12-foot piece of 6Ga. red wire from this kit and route it from your alternator over to the area where you have mounted your Megafuse and cut it to length. Strip the insulation on each end back 1/2". Install 1 piece of shrink tubing F onto the wire. At the alternator end, slip on boot E as shown on page 3, then crimp and solder (1) of terminal J onto the wire. At the Megafuse end, crimp and solder (1) of terminal H onto the wire. Slide the shrink tubing over terminal H and heat it up to shrink it down.
4. Take the 10Ga. red main power feed wire from your engine or panel sub-kit and route it over to the area where you have mounted your Megafuse and cut it to length. Strip the insulation back 3/8". Install 1 piece of shrink tubing F onto the wire, then crimp and solder (1) of terminal K onto the wire.
5. Remove the 4 loosely tightened nuts and lock washers from the assembled Megafuses, then using the drawing on page 3 as a guide, install your pre-assembled wires from steps 2-4 above. Re-install the 4 nuts and lock washers onto the assembled Megafuses and tighten them down. This part of your installation is now complete.

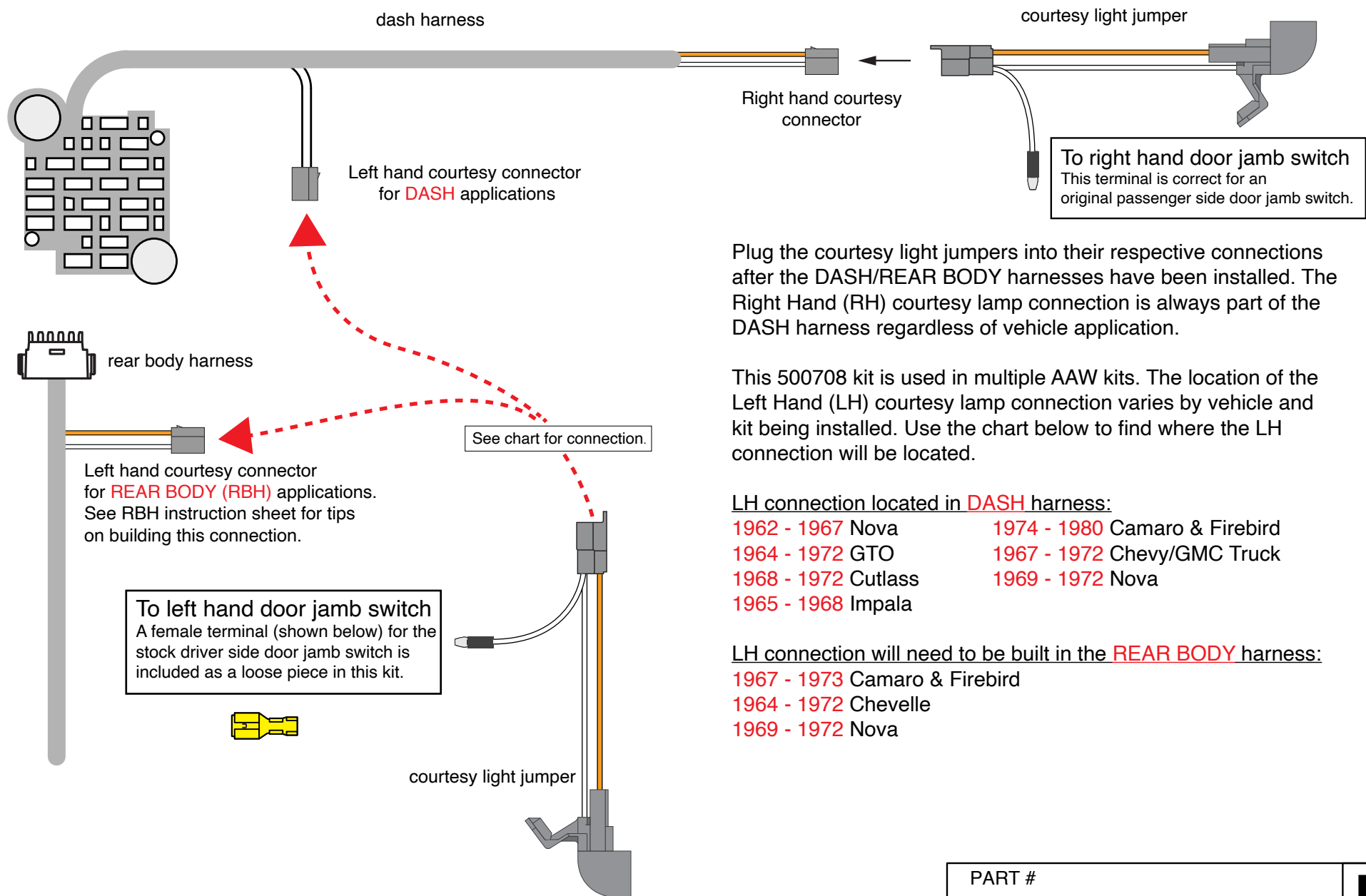
510476

Z

DESCRIPTION:

Alternator and Main Power  
Connection Kit  
Various Applications

92972153 instruction sheet rev 0.1 6/24/2019



Plug the courtesy light jumpers into their respective connections after the DASH/REAR BODY harnesses have been installed. The Right Hand (RH) courtesy lamp connection is always part of the DASH harness regardless of vehicle application.

This 500708 kit is used in multiple AAW kits. The location of the Left Hand (LH) courtesy lamp connection varies by vehicle and kit being installed. Use the chart below to find where the LH connection will be located.

LH connection located in **DASH** harness:

1962 - 1967 Nova	1974 - 1980 Camaro & Firebird
1964 - 1972 GTO	1967 - 1972 Chevy/GMC Truck
1968 - 1972 Cutlass	1969 - 1972 Nova
1965 - 1968 Impala	

LH connection will need to be built in the **REAR BODY** harness:

1967 - 1973 Camaro & Firebird
1964 - 1972 Chevelle
1969 - 1972 Nova

**BULB INFO:** Your new underdash courtesy light kit uses # **631** bulbs (not included with this kit). They may be purchased at any auto parts store.



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PART #

**500708**

**N**

DESCRIPTION:

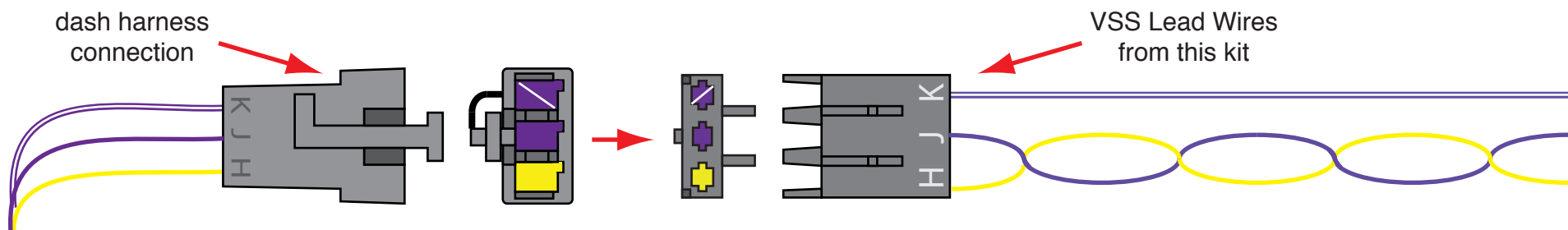
**Courtesy Light Kit**

92966085

Rev 2.0 JDM

02/10/2023

## Electric Speedo VSS extension 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.



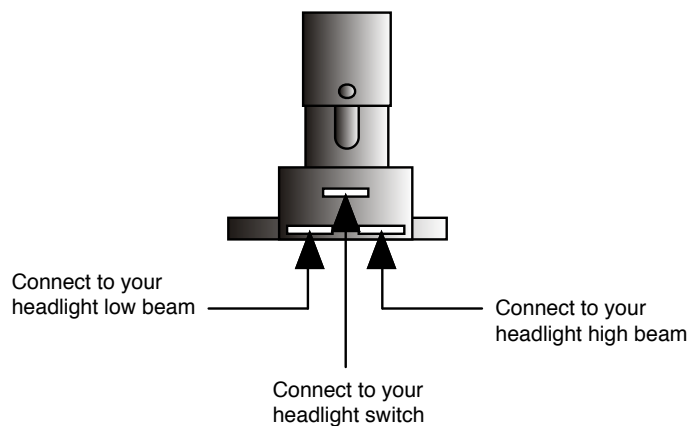
[www.americanautowire.com](http://www.americanautowire.com) 856-933-0801

VSS LEAD WIRES  
Various Applications  
Classic Update Series

**510730**

92972371 Rev 0.0 4/9/2019





Connect the Dimmer Switch wires as shown above.

1. The top center terminal of the Dimmer Switch is connected to the Headlight switch.
2. The terminal on the right side is connected to your headlight high beam terminal.
3. The terminal on the left side is connected to your headlight low beam terminal.



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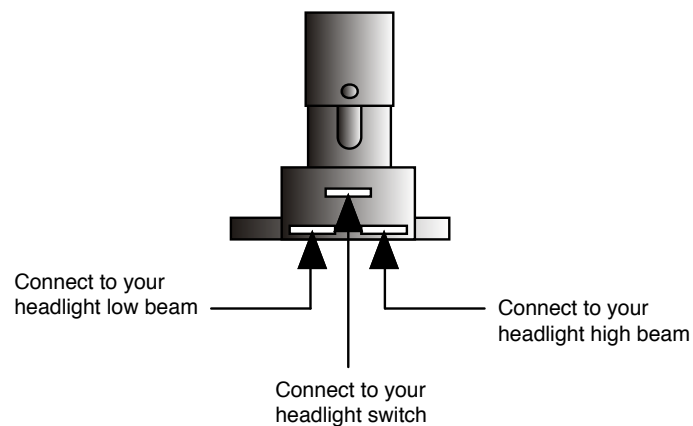
PART #

**500042**

DESCRIPTION:

**DIMMER SWITCH**

92964573 Rev 3.1 12/5/2014



Connect the Dimmer Switch wires as shown above.

1. The top center terminal of the Dimmer Switch is connected to the Headlight switch.
2. The terminal on the right side is connected to your headlight high beam terminal.
3. The terminal on the left side is connected to your headlight low beam terminal.



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PART #

**500042**

DESCRIPTION:

**DIMMER SWITCH**

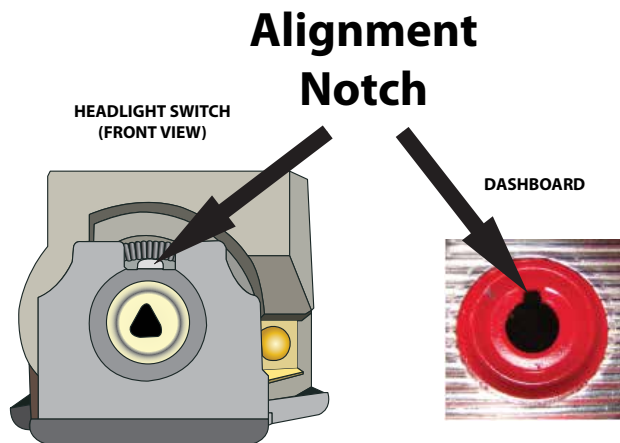
92964573 Rev 3.1 12/5/2014



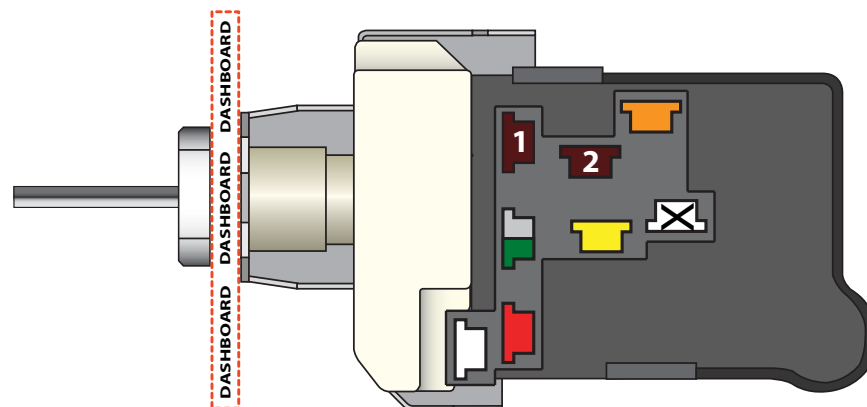
Most switches supplied with Classic Update and Universal Kits ship with the shaft pre-installed. In many instances, the switch can be installed without removing the shaft, but in some cases the switch shaft may need to be trimmed to fit your specific dash. In this situation, reference Trim to Fit instructions on the back of this page for details.

### To install your new headlight switch:

1. Install the switch from behind the dash, and align the switch body with the mounting hole. The switch body has an alignment tab that must line up with the notch in the dashboard mounting hole.



2. Install the switch mounting nut and tighten.
3. Gently press shaft into switch until it stops, then press firmly until it "clicks." Pull shaft back out to confirm it is seated correctly. The shaft should be locked into place inside switch.
4. If the shaft does not lock, reinsert applying moderate pressure and slowly move shaft side to side for lock to engage. Make sure switch body is still supported to prevent flexing. Press shaft firmly until it clicks into place.
5. Ensure the shaft is fully seated and in the off position.



1	Parking Lights - Stay on with headlights
2	Tail Lights - On in the park and headlight positions
	Fused Battery Feed - For park, tail and dash lamps
	Headlight Feed - Power to the headlight dimmer switch
	12V Battery Feed - Unfused power to the switch for headlights
	Courtesy Ground - Ground feed to the dome and courtesy lights
	Part-time Parking Lights - Turns off when the headlights are on (Not supported by all kits)
OR	Dash Lights - Output to the dash light fuse or lights



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PART #

**500332**

DESCRIPTION:

**Headlight Switch**

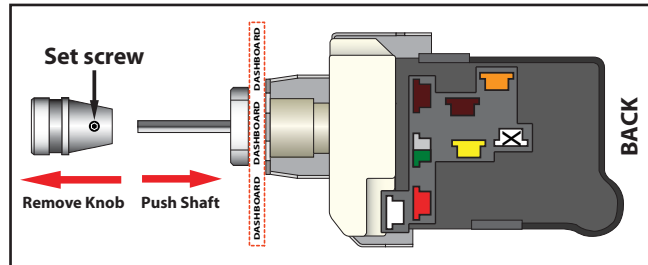
92964649 Rev 3.0 1/10/2020

## To Trim Shaft to Fit or Remove Shaft:

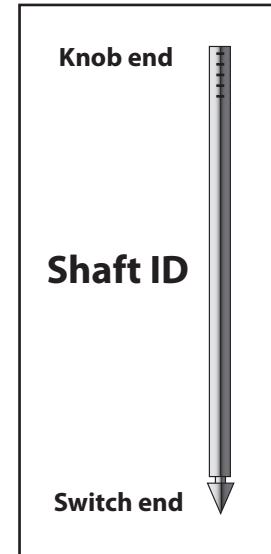
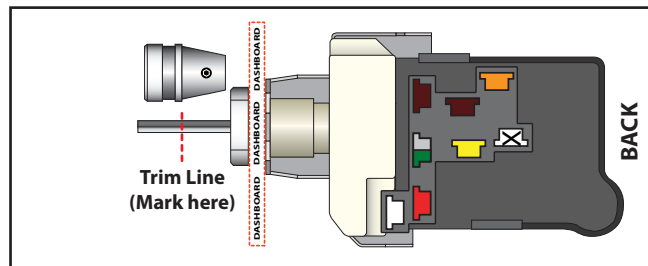
The headlight shaft knob should extend from the face of the mounting nut, and must allow enough clearance for the switch to turn off. If the shaft is longer than necessary for your specific dash it can be trimmed to fit. Always trim the knob end of the shaft only and follow the guidelines below for best results.

1. With the headlight switch installed, loosen the set screw and remove the knob. Make sure the switch is in the "off" position by pushing the shaft toward the back of the switch.

**Switch in OFF position  
(shaft pushed all the way in)**



2. Set knob alongside shaft and mark the desired location for cutting on the shaft.



3. Remove the shaft and trim at mark. The shaft can be released from the switch by pulling it outward (toward the rear of the vehicle). Once fully in the "On" position, press and hold the release button on the base of the switch body. Once button is pressed, continue to pull the shaft outward. New switches may be tight, and it might be necessary to move the shaft side to side slightly while pulling to release.

