NOTE: If the fuse panel on your 510089 '69-'72 Chevy truck kit <u>HAS</u> a sticker like the photo at the left, you have the second design harness and your instructions are listed below and follow this page.

Number Description 500332 **Headlight Switch** 500707 Fuse, Relay, and Flasher kit 500708 Courtesy Light kit 500919 **Practice Terminal Crimping Set** 510495 Dash Harness kit 510496 **Engine Wiring Kit** 510497 Front Light Wiring kit 510498 Instrument Cluster wiring kit 510095 Rear Body Wiring kit 510102 **Ignition Switch** 510103 Ignition Switch Lock Cylinder and Keys Floor Dimmer Switch 510104 510730 VSS Connection Kit 510476 Alternator and Main Power Connection kit 92968980 **Firewall Modification Template** 92972498

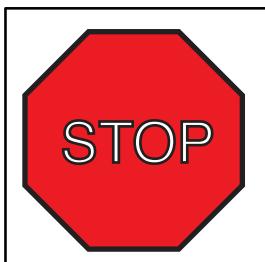
92972498 Kit Introduction Instruction Sheet 92972499 Warning Sheet



www.americanautowire.com 856-933-0801

'69-'72 Chevy Truck Second Design Instructions

92972641 rev. 0.0 12/1/2019



# WARNING:

Validate the kit contents with the component list included on page 2 of this sheet before proceeding. This kit is intended to be used in a modified vehicle. Please read this sheet 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 kit should typically be used in a **MODIFIED** application only.
- This kit supports the use of factory heater systems and aftermarket heater and A/C systems. The kit supplies power to a factory A/C control head but DOES NOT
  include the actual A/C harness for an original factory A/C vehicle. Factory original A/C harnesses are available under our Factory Fit product line as they are self
  contained harnesses made to fit and work with the stock A/C component configuration.
- 3. This kit supports the use of a high current self-exciting 1-wire alternator or other style internally regulated alternators. An adapter may be necessary in some applications. The use of a stock, low amperage alternator is seriously discouraged as they cannot handle the higher current requirements of updated ignition systems, electric fans, aftermarket A/C systems, stereo systems, air ride suspensions, and other power hungry accessories and will ultimately create performance issues with the system.
- 4. This kit WILL NOT support the use of a factory ammeter. 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 termial. 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 will not work properly. When ammeters were originally used, most generator or alternator current outputs were rated at a maximum of about 25-60 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. A voltmeter is recommended as a good alternative.
- 5. 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 run position. Primary ignition voltage in the starting position is handled via a full 12 volt bypass wire. 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. Extra parts (ballist resistor) that are not included in this kit will be required to complete that operation.



<u>510089</u>

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92972499 instruction sheet Rev 0.0 8/1/2019

# 510089 - Classic Update Series Kit 1969-72 Chevrolet Truck

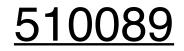
This kit contains the following components:

	Part		
<u>Bag</u>	<u>Number</u>	<u>Description</u>	<u>Quantity</u>
	500332	Headlight Switch	1
	500707	Fuse, Relay, and Flasher kit	1
Ν	500708	Courtesy Light kit	1
	500919	Practice Terminal Crimping Set	1
G	510495	Dash Harness kit	1
J	510496	Engine Wiring Kit	1
L	510497	Front Light Wiring kit	1
Н	510498	Instrument Cluster wiring kit	1
Μ	510095	Rear Body Wiring kit	1
	510102	Ignition Switch	1
	510103	Ignition Switch Lock Cylinder and Keys	1
	510104	Floor Dimmer Switch	1
V	510730	VSS Connection Kit	1
Z	510476	Alternator and Main Power Connection kit	t 1
	92968980	Firewall Modification Template	1
	92972498	Kit Introduction Instruction Sheet	1
	92972499	Warning Sheet	1

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



www.americanautowire.com 856-933-0801



92972499 instruction sheet Rev 0.0 8/1/2019

# **Classic Update Series**

# 1969-72 Chevy & GMC Truck

# **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 cimping tool which folds the crimp wings on the terminals as shown below. Top guality crimping tools are available from American Autowire or American Autowire authorized dealers. See the box to the right for part numbers.

# NOTE: ALL TERMINALS THAT YOU INSTALL SHOULD BE PROPERLY SOLDERED

You may notice the factory terminations in this harness are not soldered. These terminations are installed by GM approved termination presses which use enough force that solder is not required. Hand crimped connections do not have this necessary force, and will require solder to maximize strength of the connection.

wire core





INSTALLATION INSTRUCTIONS

proper crimp of terminal

end view of terminal

STEP 1 - DISCONNECT THE BATTERY:

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

STEP 2 - START INSTALLING KIT:

This kit is broken down into individual steps that are identified by a letter printed on the instruction sheets visible through each bag. These letters are the order of operation for installing your kit. Start with the bag letter "G", then "H", and continue in alphabetical order.

The order of installation is shown below:

- G 510495 Dash Harness Kit
- H 510498 Instrument Cluster Kit
- 510496 Engine Kit .1
- 510497 Front Light Kit
- M 510095 Rear Body Kit
- N 500708 Courtesy Light Kit
- V 510730 VSS Connection Kit
- Alternator and Main Power Connection Kit Z 510476

STEP 3 - RECONNECT THE 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 BODY and FRAME.
- C. Engine block is grounded to the FRAME.
- D. Body is grounder to the FRAME

# STEP 4 - CHECK ALL ELECTRICAL FUNCTIONS:

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

If you have any guestions concerning this or any of our other products, please feel free to call us at 1-800-482-WIRE.

AMERICAN AUTOWIRE MAKES IT EASY!!



www.americanautowire.com 856-933-0801

# We carry many accessories for your 1969-72 Chevy Truck

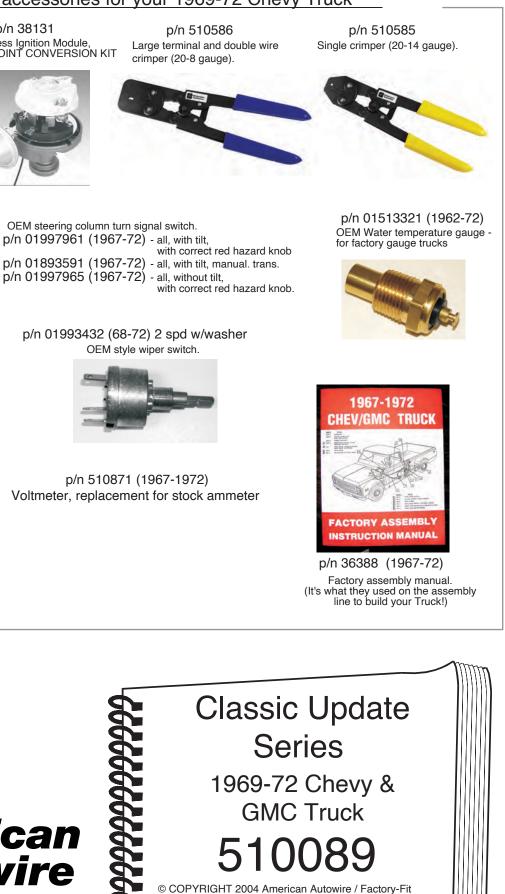
p/n R0067108 OEM style non-stick harness tape

p/n 38131 Breakerless Ignition Module GM V-8 POINT CONVERSION KIT









OEM style neutral safety/backup switch.

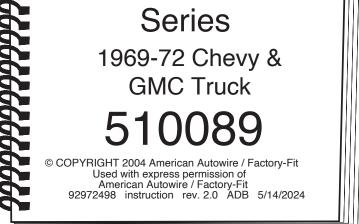
p/n 01993320 (1960-72) Column shift TH auto. trans. p/n 01993659 (1960-72) olumn shift PG aùto, trans.



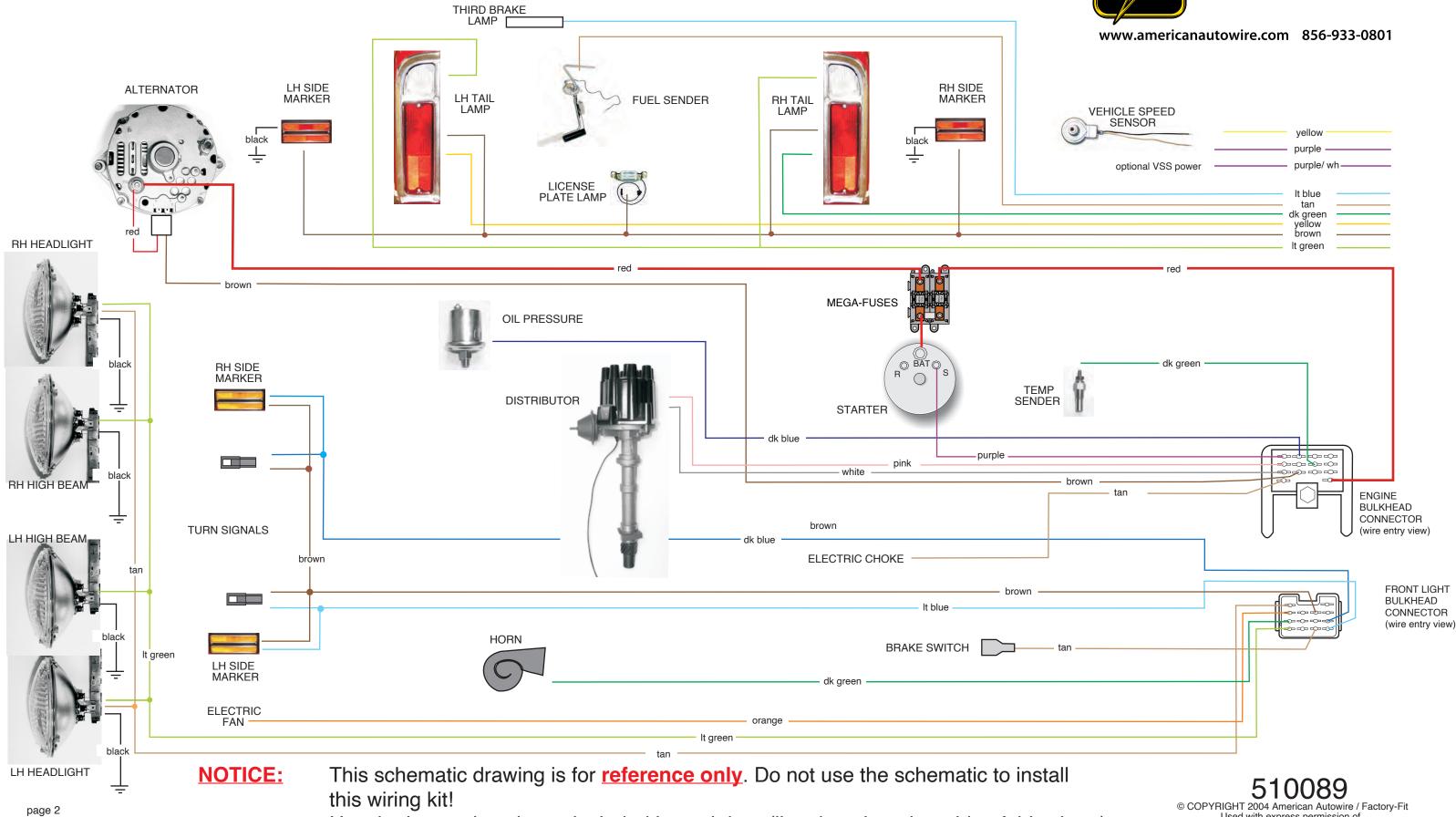




page 1



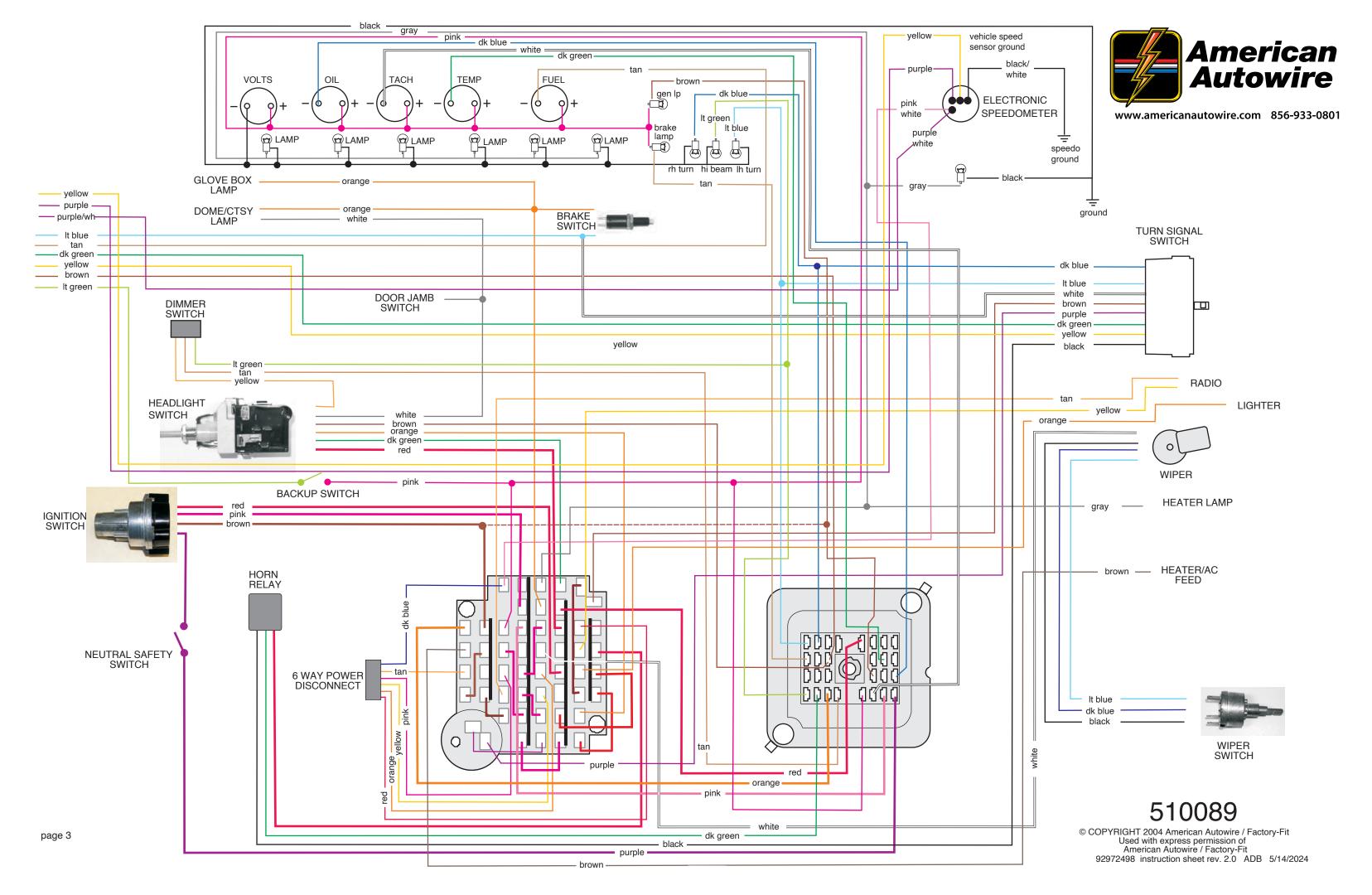
# Classic Update Series 1969-72 Chevy & GMC Truck



Use the instruction sheets included in each bag (listed on the other side of this sheet), which includes directions for proper terminations, and specific applications.



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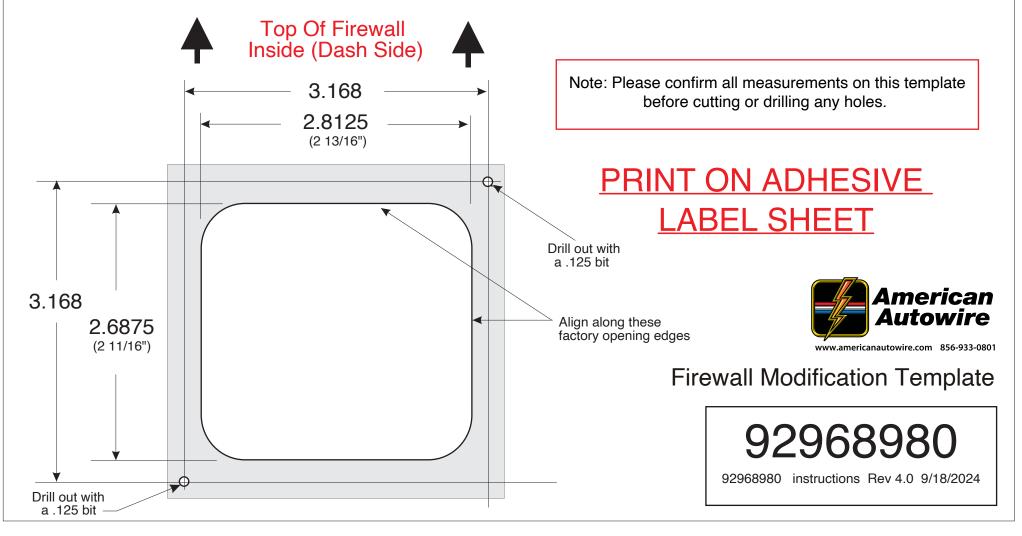
© COPYRIGHT 2004 American Autowire / Factory-Fit Used with express permission of American Autowire / Factory-Fit 92972498 instruction sheet rev. 2.0 ADB 5/14/2024

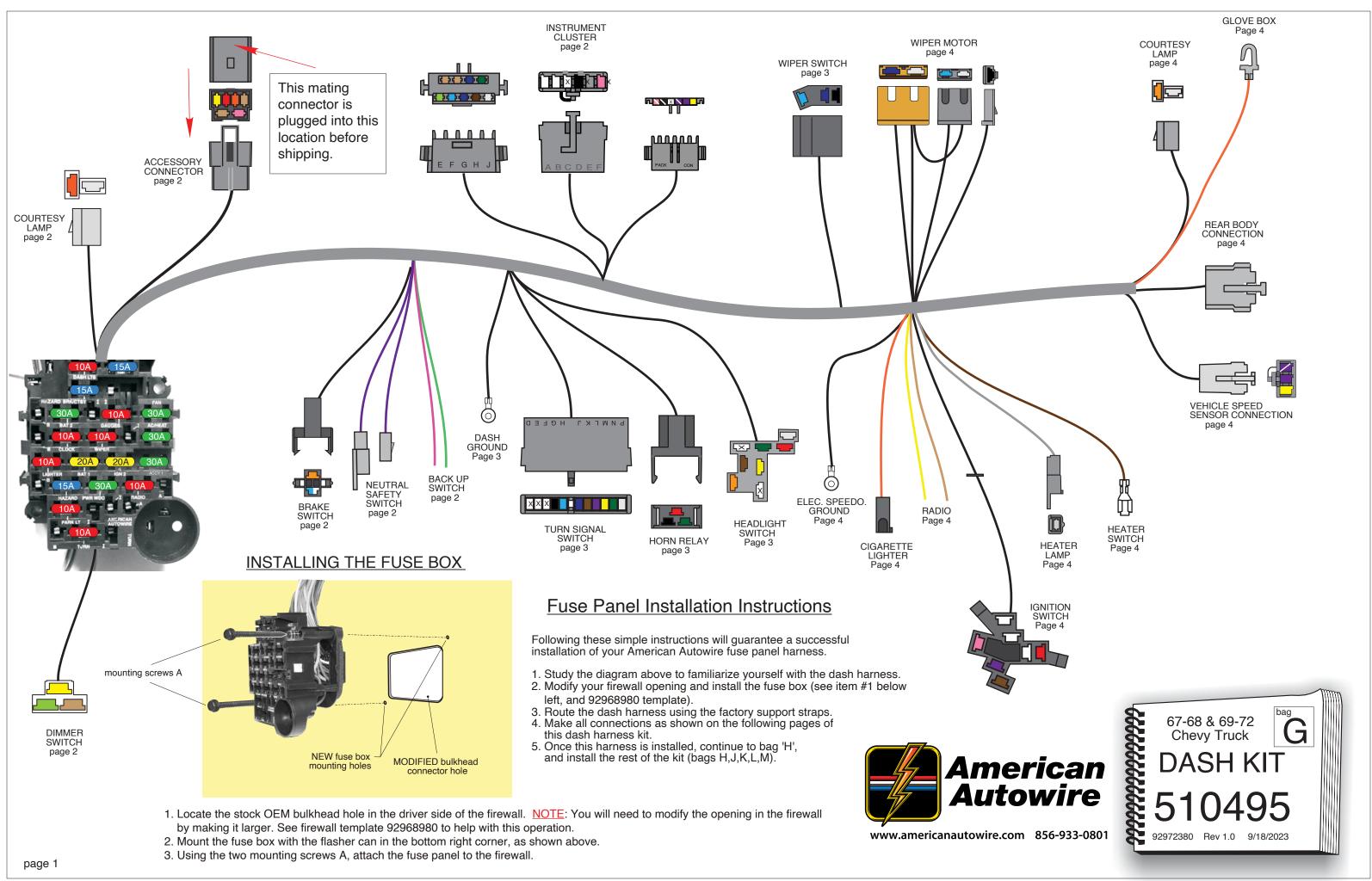
# Template for firewall modification for some Classic Update Kits

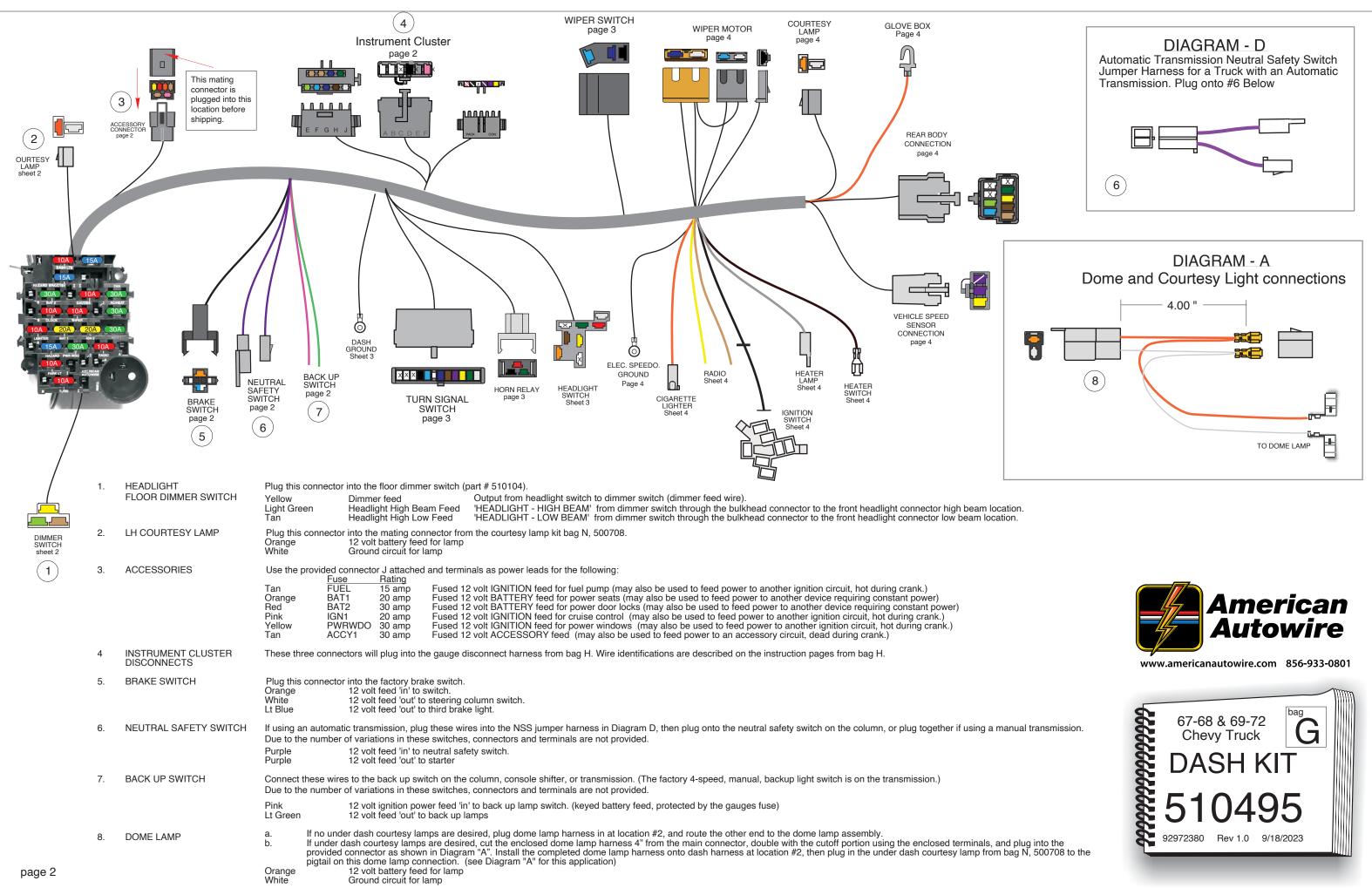
Classic Update Series kits are based on the 1968 and later GM bulkhead assembly which has a different mounting footprint than earlier bulkhead connectors. Therefore, it will be necessary to modify the firewall of the 1961-1964 Chevy Fullsize cars, the 1967-1968 Chevy and GMC trucks, and the 1969-1972 Chevy and GMC trucks to accept the 1968 and later design bulkhead. This enclosed template must be used for this purpose.

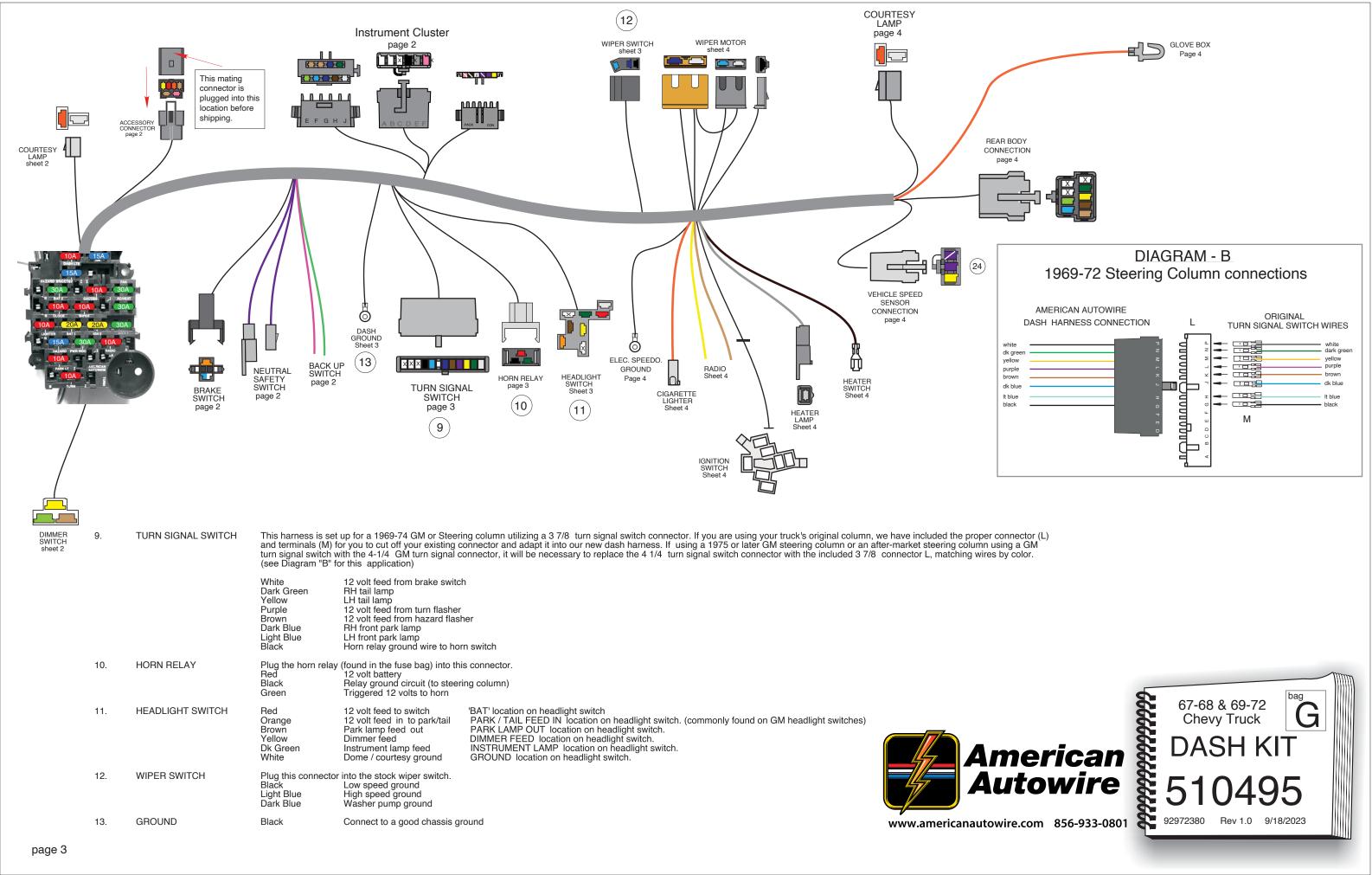
The white area should be cut out with a razor knife to define the area of material that needs to be removed from the existing bulkhead area. We suggest that this template be glued to stiff cardboard or a thin piece of plastic or be applied directly to the cleaned firewall on the inside of the car then proceed as follows:

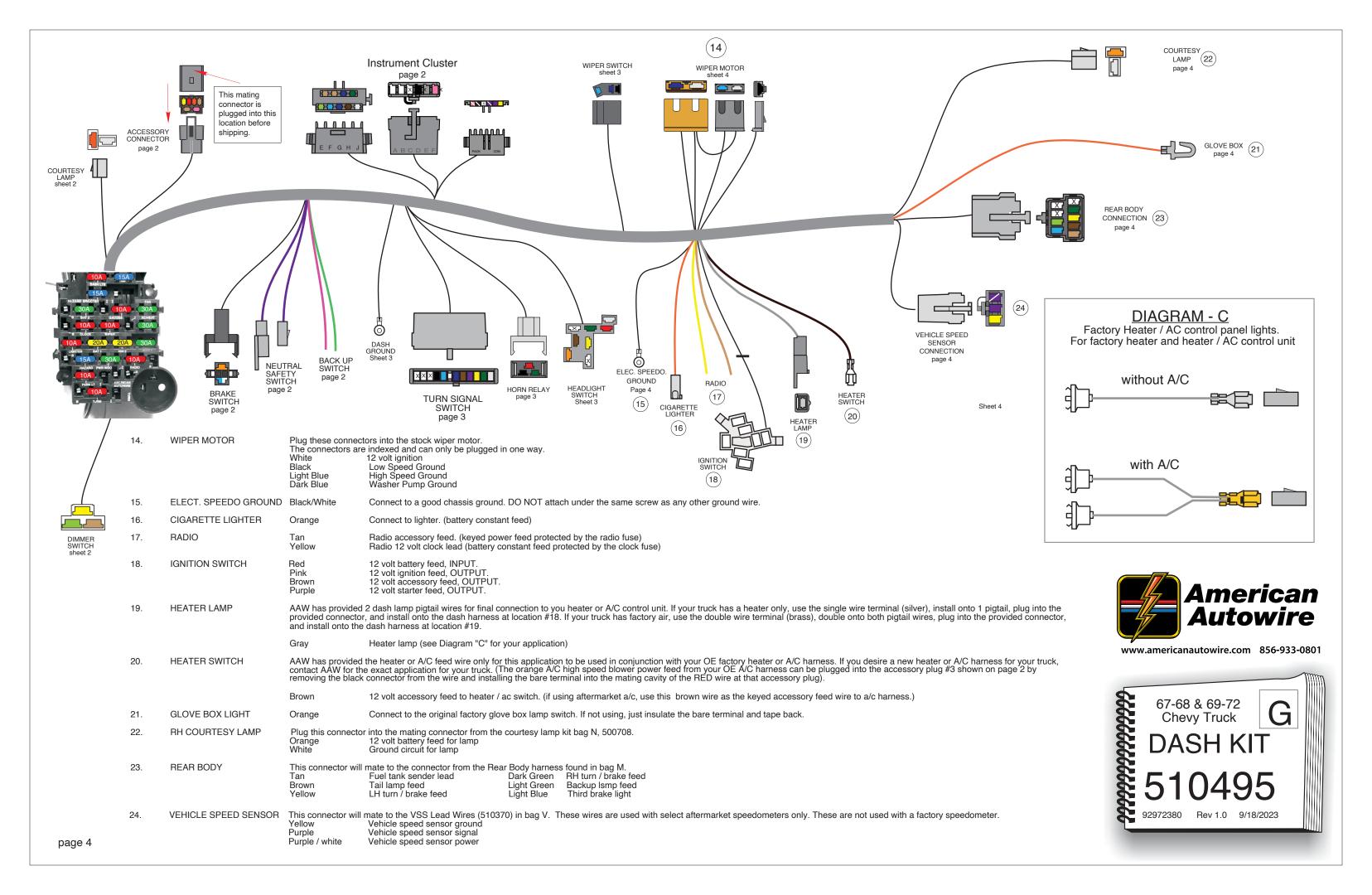
- 1. Position the template against the firewall aligning the top and right hand edges with the top and right hand edges of the existing bulkhead hole.
- 2. Trace the opening area onto the existing bulkhead and cut out the area.
- 3. Drill the two .125 holes for the new bulkhead mounting screws.
- 4. Mount the fuse box assembly from the passenger compartment side and check the fit into the new bulkhead hole. It may be necessary the do some fine tuning on the hole size for an exact fit.
- 5. Screw in the new fuse box retaining screws to complete securing the new fuse box assembly to the firewall











# REFER TO PAGE 2 FOR CONNECTING TO A FACTORY PRINTED CIRCUIT BOARD. REFER TO PAGE 3 IF YOU ARE USING AFTERMARKET GAUGES.

# (Note: This kit does not support the use of a stock ammeter.)

American Autowire now offers replacement voltmeters to take the place of an original ammeter. See below for part numbers.

CONNECTOR F - Plug this	s connector into the mating con	nector on the dash harness (bag G) and connect wires as shown on the following pages.
Wire Color:	Printing:	Function:
DARK BLUE	RIGHT DASH IND	Feed from turn signal switch to right turn indicator in cluster.
LIGHT BLUE	LEFT DASH IND	Feed from turn signal switch to left turn indicator in cluster.
LIGHT GREEN	HI BEAM INDICATOR	Feed from floor mounted dimmer switch to hi beam indicator in cluster.
DARK GREEN	WATER TEMP SENDER	Signal wire from water temp switch/sender in engine bay to temperature gauge or warning lamp in clust
DARK BLUE	OIL PRESSURE SENDER	Signal wire from oil pressure switch/sender in engine bay to oil pressure gauge or warning lamp in clus
TAN	GAS GAUGE	Signal wire from fuel level sending unit in gas tank to fuel gauge in cluster.
TAN	BRAKE LIGHT/SWITCH	Signal wire from parking brake switch and brake pressure switch to brake indicator lamp in cluster.
CONNECTOR G - Plug thi	s connector into the mating cor	nnector on the dash harness (bag G) and connect wires as shown on the following pages.
Wire Color	Printing:	Function:
PINK	12V IGNITION	Switched IGNITION feed from fuse panel to power gauges/warning lamps in cluster.
GREY	DASH LIGHTS	Feed from headlight switch rheostat output to dash lamps in cluster.
BLACK	GROUND	Ground connection from main dash harness (bag G) for instrument cluster housing.

CONNECTOR H - This connector will plug into the dash harness connection in bag G.

NOTE: The wires in this connector are used ONLY with an electronic speedometer. If you are using a STOCK cluster, this connector will not be used. Details on the functions of these wires can be found on page 3 of these instructions.

# I OOSE WIRES

<u>Wire Color</u> WHITE	<u>Printing:</u> COIL> TACH	<u>Function:</u> Used ONLY with a tachometer. Plug the terminated end of this loose wire into connector F and route th and install as shown on sheet 2.
BROWN	ALTERNATOR IGN	Used ONLY with a stock alternator lamp. Plug the terminated end of this loose wire into connector F ar length, and install as shown on sheet 2.

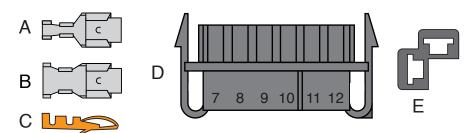
# Terminals used in this installation.

This kit contains loose piece terminals and connectors necessary to complete a connection to a specific component. Each connection on the instruction sheet identifies specific parts by a letter code that corresponds to the letter code on a part picture identified below. The parts below areshown in actual size to help in identification. This kit will only contain those parts required for the connections in the specific sub-kit you are working on. Just match the part to the picture below to identify the part letter code you will see on the instruction sheet for the sub-kit harness you are working on. We have supplied additional terminals in the event that extra terminals are necessary.

American Autowire offers replacement voltmeter assemblies to take the place of an original ammeter in certatin applications. Visit Americanautowire.com or contact the sales team for more information or to place an order.



1967-1972 Chevy Truck



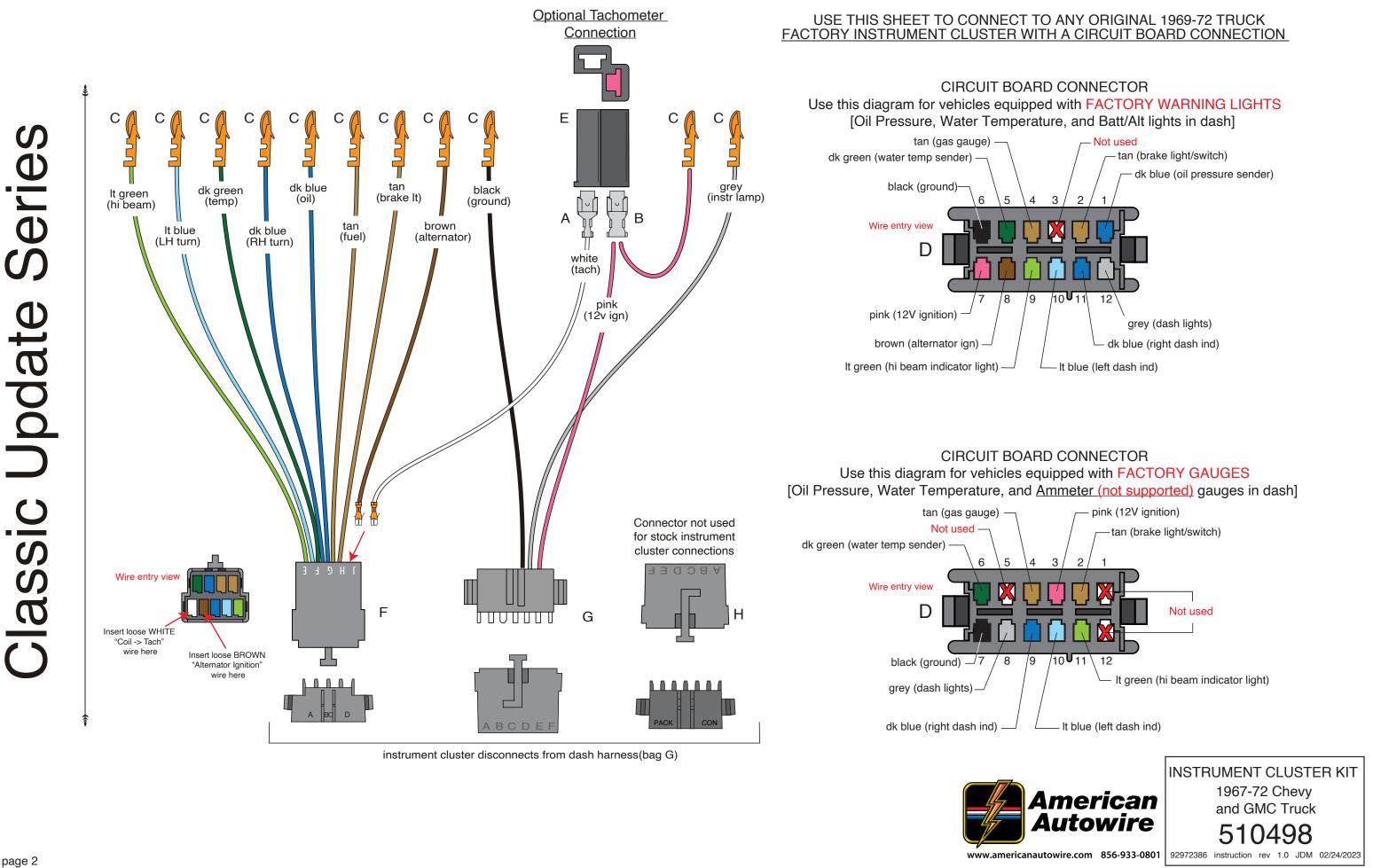


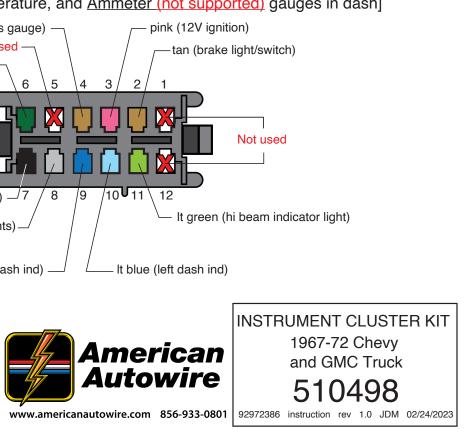
luster. luster.

the other end to the circuit board connector, cut to length,

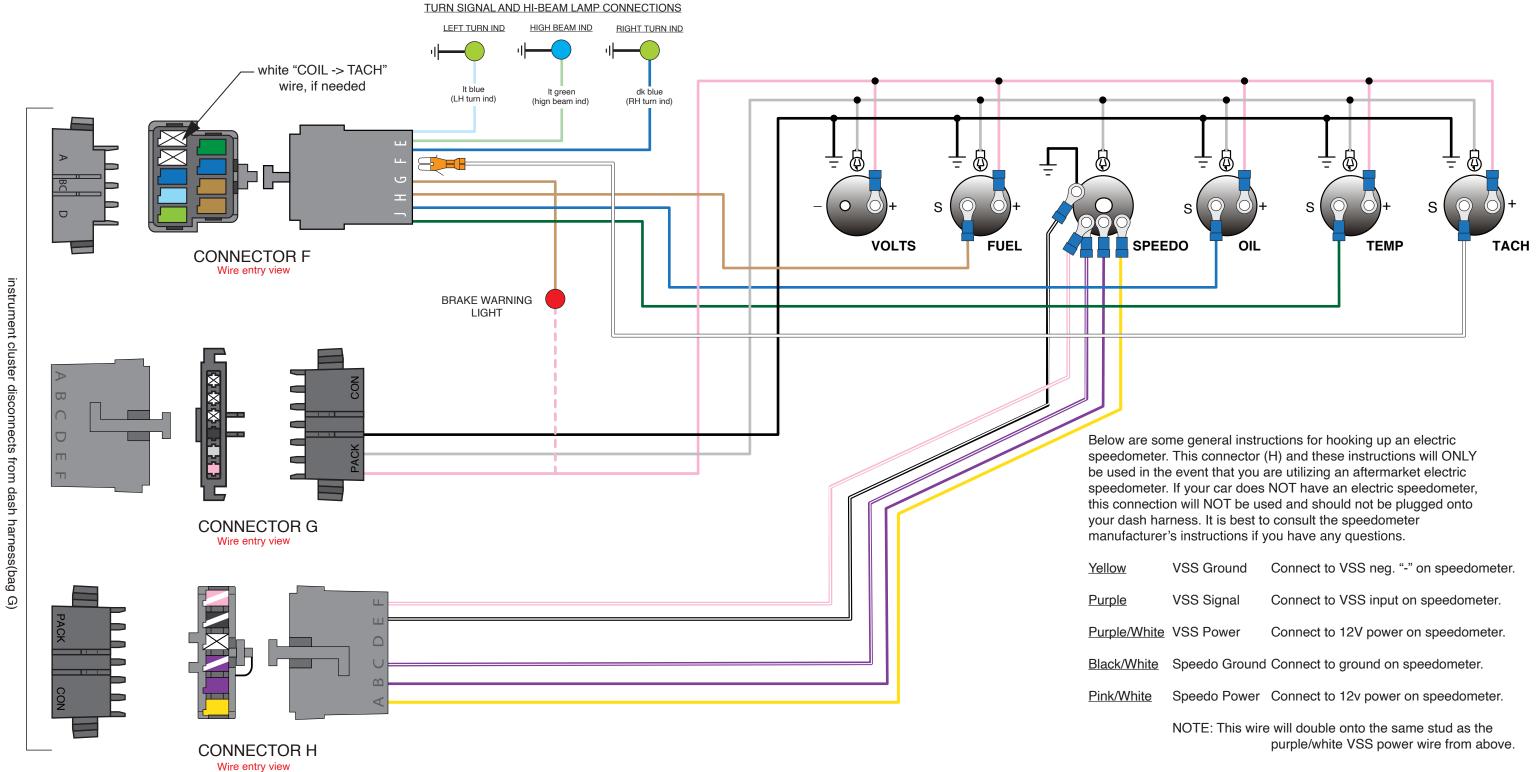
and route the other end to the circuit board connector, cut to







# **Classic Update**



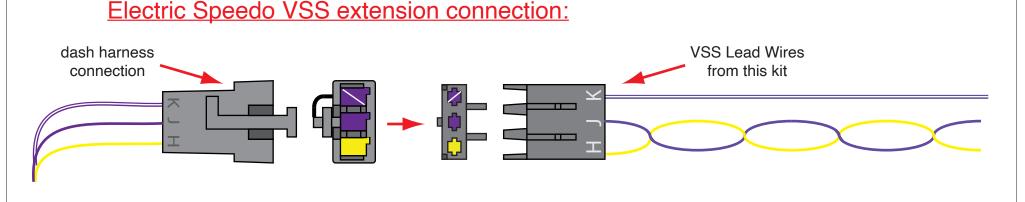
# Gauge Cluster harness (aftermarket gauges) installation instructions:



510498 www.americanautowire.com 856-933-0801 92972386 instruction rev 1.0 JDM 02/24/2023

INSTRUMENT CLUSTER KIT 1967-72 Chevy

and GMC Truck

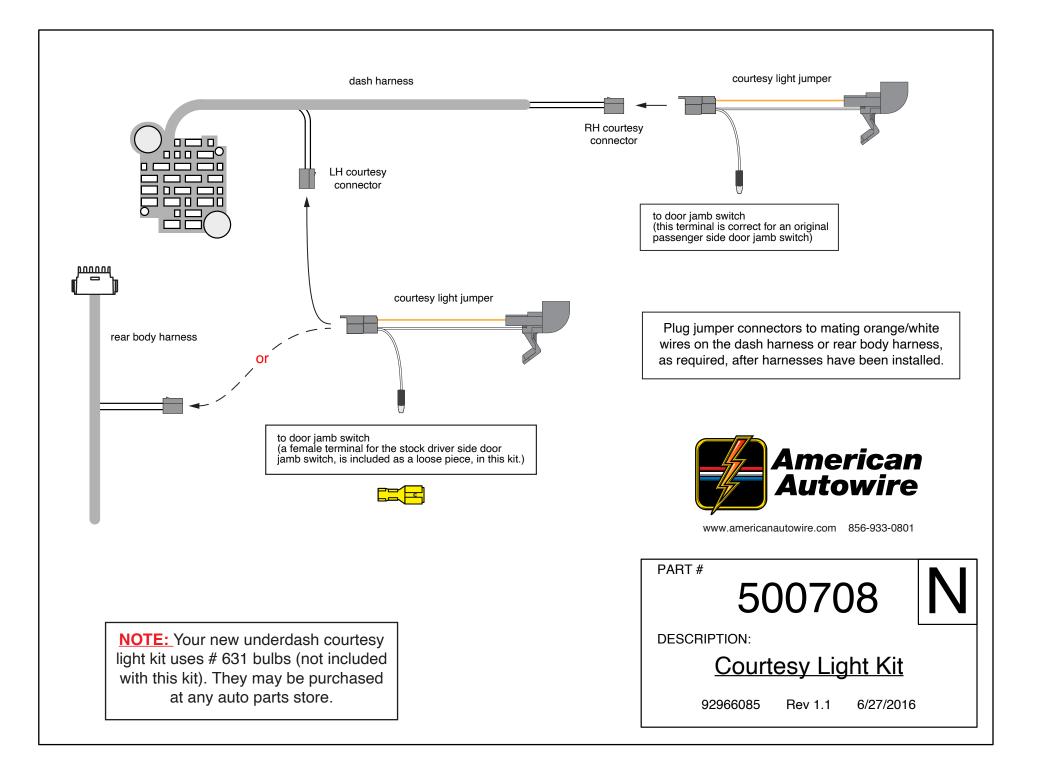


If you are using an aftermarket electric speedometer in your vehicle, you will need to connect the vehicle speed sensor (VSS) Lead Wires from this kit to the dash side connection of your dash harness. The yellow and solid purple wires must remain twisted together as shown above. These three wires will 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.



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VSS LEAD WIRES Various Applications Classic Update Series **510730** 92972371 Rev 0.0 4/9/2019

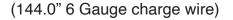


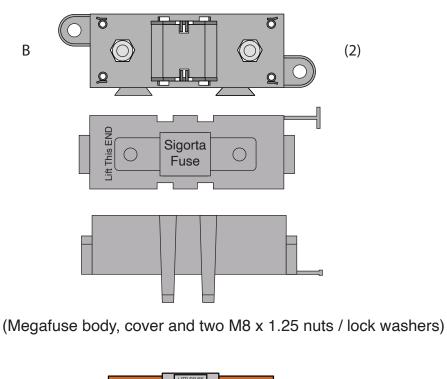
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INSTRUMENT CLUSTER KIT 1967-72 Chevy and GMC Truck 510498 92972386 instruction rev 0.0 4/9/2019





А

C (175 amp Megafuse) D (175 amp Megafuse) E (175 amp Megafuse) (1) (Megafuse jumper) E (1) (Alternator boot) F (1) (cut into six 1.0" pieces) Page 1

G

Н

J

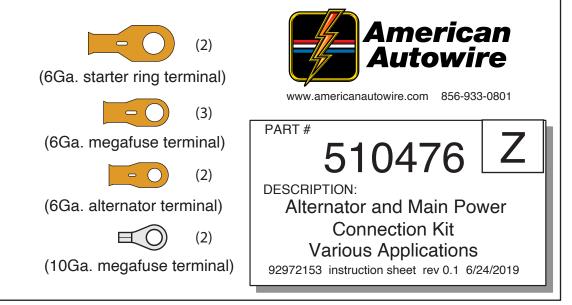
Κ

1. One 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.

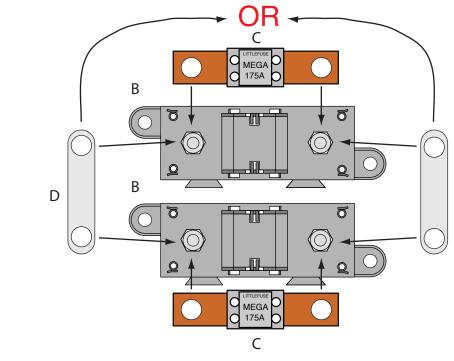
2. On page 2, you will find directions for building the 2 Megafuse assemblies (items B,C and D) into one unit.

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 assembles.



(1)



# Assembling the (2) Megafuse assemblies

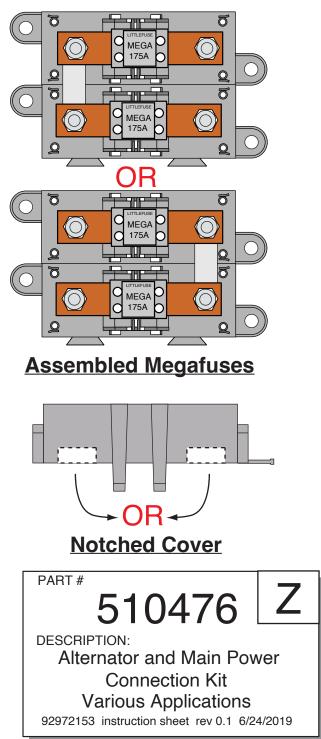
<u>NOTE</u>: Find a suitable place, as close to the battery power source as possible, under the hood of the your vehicle to mount the completed Megafuse assemblies. Keep in mind that you have 12 feet of 6Ga. charging wire, and that the main power feed coming from your panel or bulkhead connection must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

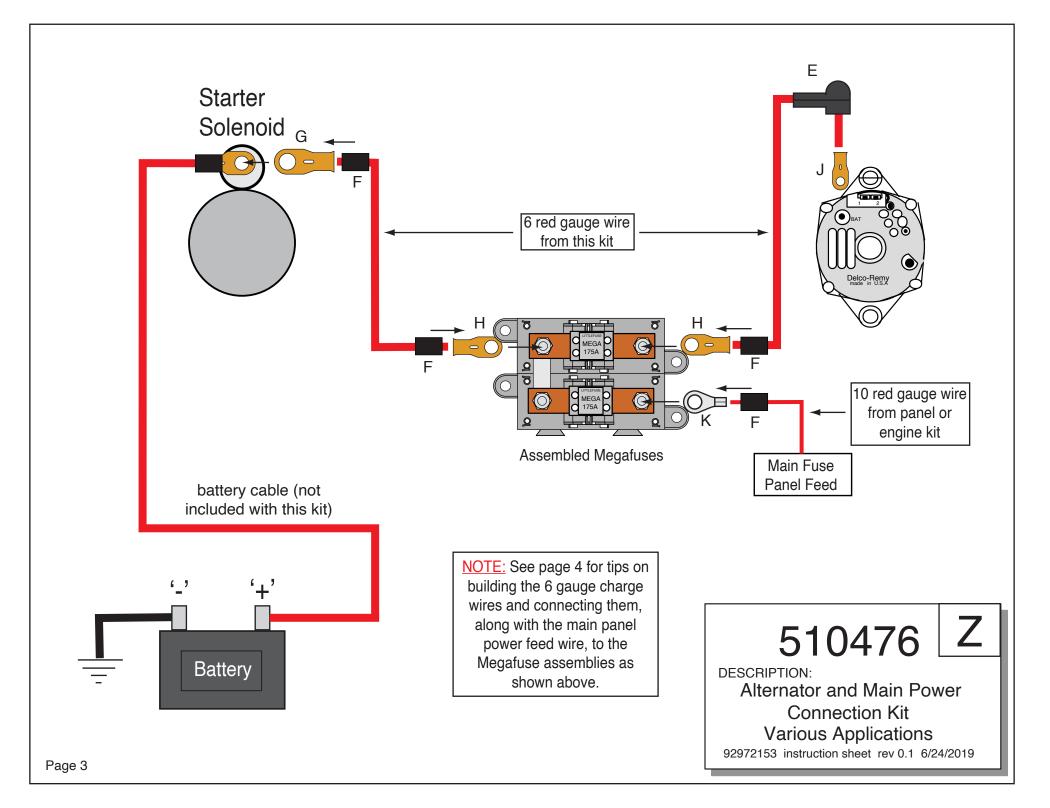
1. Take the two Megafuse bodies and covers (items B) and snap them together. Remove the 4 nuts and lock washers from the studs on the fuse body assemblies.

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. Page 2





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

<u>NOTE</u>: 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.

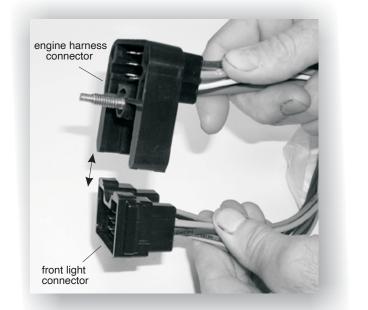
3. Take the remaining portion of the 12-foot piece of 6Ga. red wire from this kit and route it from your alternator over to the area where you have mounted your Megafuse and cut it to length. Strip the insulation on each end back 1/2". Install 1 piece of shrink tubing F onto the wire. At the alternator 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.



Connection Kit Various Applications 92972153 instruction sheet rev 0.1 6/24/2019





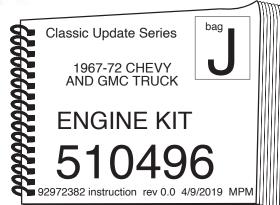
apply silicone sealant to back side of connector after installing terminals

The bulkhead connector from this ENGINE KIT must snap into the mating FRONT LIGHT KIT connector (bag L), as shown. After snapping together, bolt the assembly into the dash harness firewall connector using the attached bolt.

Look!

American Autowire

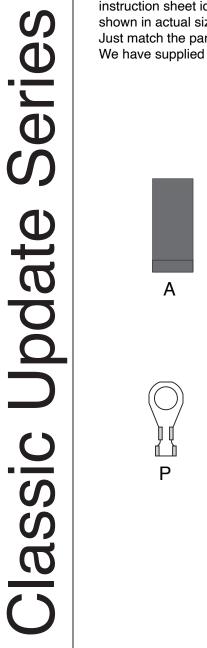
American Autowire 800-482-9473



American Autowire also sells factory OEM style harness wrap. this is the same stuff used on original Camaro harnesses! If you want that OEM look with your Classic Update wiring system, then give us a call and order p/n R0067108 !

## Terminals used in this installation.

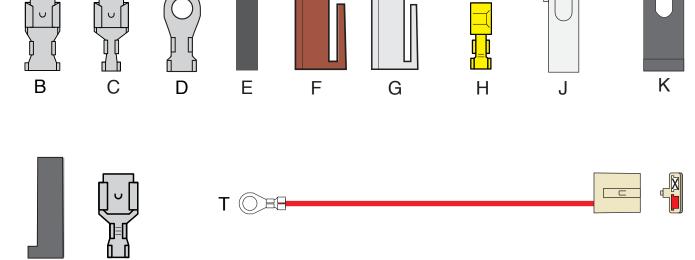
This kit contains loose piece terminals and connectors necessary to complete a connection to a specific component. Each connection on the instruction sheet identifies specific parts by a letter code that corresponds to the letter code on a part picture identified below. The parts below are shown in actual size to help in identification. This kit will only contain those parts required for the connections in the specific sub-kit you are working on. Just match the part to the picture below to identify the part letter code you will see on the instruction sheet for the sub-kit harness you are working on. We have supplied additional terminals in the event that extra terminals are necessary.



R

S

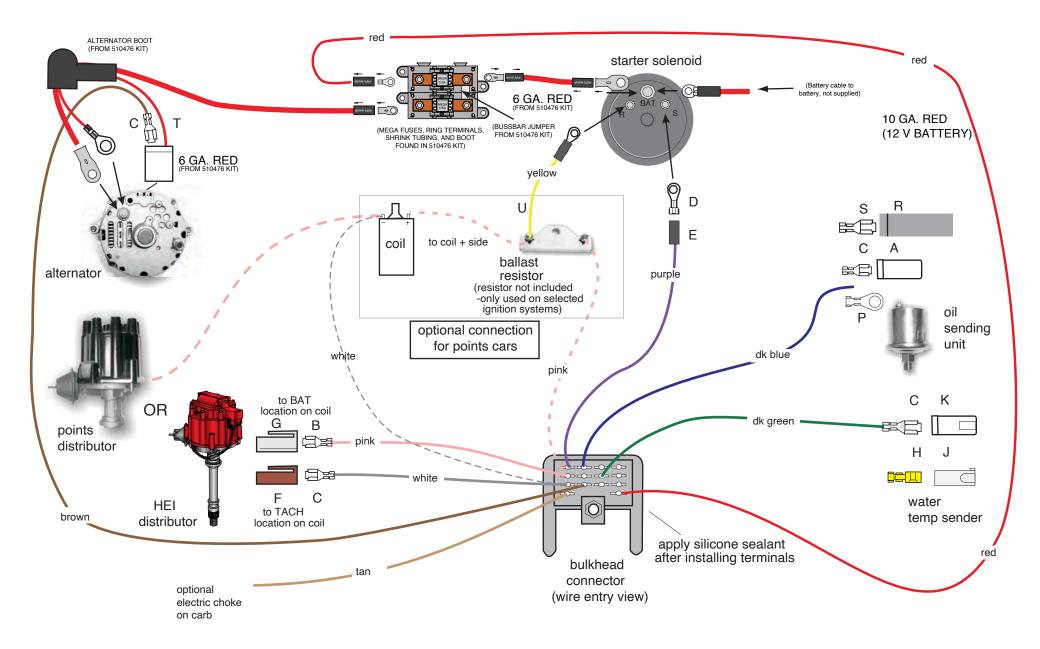
U



STARTER SOLENOID - R



**STARTER SOLENOID - R** 





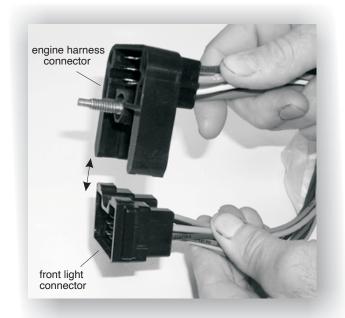
TEMPORARILY, PLUG THE MAIN BULKHEAD CONNECTOR FROM THIS KIT INTO THE MATING CONNECTOR ON THE DASH BULKHEAD CONNECTOR (LOCATED UNDER THE MASTER CYLINDER). Note: This will be unbolted to install the front light harness later.

**BULKHEAD CONNECTOR WIRES:** 

Once the main connector has all of its wires plugged in, the connector cavities should be sealed with di-electric grease on the terminals. Also, to assure a moisture resistant seal, silicone can be applied to seal the outside of the connector.			ENGINE KIT
RED small	not printed Send the ring terminal end of this red wire T through boot (as shown on page 3) and connect to the battery stud on alternator. Do not plug the connector into the alternator yet, the exciter wire will be added when the front light wires are installed.		
ALTERNATOR RED Heavy	not printed	Use the 6 gauge red wire, boot and ring terminals from the 510476 kit. Route the 6ga red and cut to length. Connect as shown on page 3.	wire from alternator to the Megafuse
TAN	ELECTRIC CHOKE	If you are using a carburetor with an electric choke, connect this wire to the electric choke electric choke or a turbo 400 transmission, remove this wire from the engine bulkhead cor	
WHITE	COIL-TACH	Route this wire to the coil and trim to length. If using an HEI distributor, terminal C and connector F are included for connection to the TACH location. If using a conventional coil, terminal P is included for connection to the negative side of coil. If you are not using a tachometer, remove this wire from the engine bulkhead connector	
BROWN	ALTERNATOR IGN	<u>NOTE</u> : This wire is only used on an alternator with an internal regulator which requires an exciter wire. If you are using a true one wire alternator, then this brown wire will not be used and can be removed. Route this wire to the alternator, cut to length, install terminal C, and plug into the regulator connector with red wire T. (See small RED wire directions below).	
YELLOW	STARTER SOLENOID-R	Connect this loose piece YELLOW (STARTER SOLENOID-R) wire U to the R terminal on the coil side of the ballast resistor (not included).	the starter. Connect the other end to
PINK	12V IGNITON	If using a points type ignition system which requires reduced voltage, the following wires we Route this PINK wire to the ignition feed side of the ballast resistor. Connect a piece of left ballast resistor and route this to the distributor coil + side.	
PINK	12V IGNITION	If using an HEI distributor, or after-market ignition system which requires a 12V feed: Route the PINK wire to the coil and trim to length. Install terminal B and connector G, and	plug into distributor cap BAT location
DK GREEN	WATER TEMP SENDER	Route this wire to the water temp switch, trim to length, install terminal C, and plug into co If you are using a pin type sender, install terminal H and plug into connector J.	nnector K.
DK BLUE	OIL PRESSURE SENDER	Connect this wire to the oil pressure sending unit. The terminal and connector size change on the terminal size of the sender unit, you will use terminal R with connector S, terminal	
PURPLE	STARTER SOLENOID	Route to the starter solenoid and cut to length. Install rubber sleeve E and ring D. Connec	t to the 'S' terminal on solenoid.
RED	12V BATTERY	Route this wire to the Megafuse and cut to length. Use ring terminal, shrink tubing from 51 Connect as shown on page 3.	0476 kit.

510496

92972382 instruction rev 0.0 4/9/2019





apply silicone sealant to back side of connector after installing terminals

The bulkhead connector from this FRONT LIGHT KIT must snap into the mating ENGINE KIT connector (bag J), as shown. After snapping together, bolt the assembly into the dash harness firewall connector using the attached bolt.

Look!

American Autowire also sells factory OEM style harness wrap. this is the same stuff used on original Camaro harnesses! If you want that OEM look with your Classic Update wiring system, then give us a call and order p/n R0067108 !

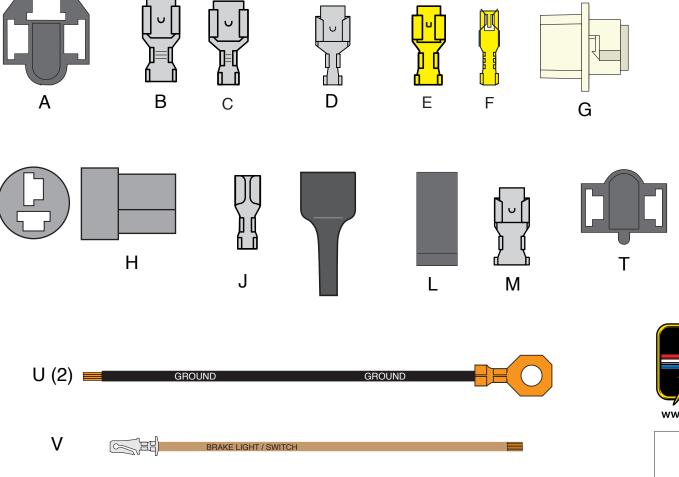


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Terminals used in this installation.

This kit contains loose piece terminals and connectors necessary to complete a connection to a specific component. Each connection on the instruction sheet identifies specific parts by a letter code that corresponds to the letter code on a part picture identified below. The parts below are shown in actual size to help in identification. This kit will only contain those parts required for the connections in the specific sub-kit you are working on. Just match the part to the picture below to identify the part letter code you will see on the instruction sheet for the sub-kit harness you are working on. We have supplied additional terminals in the event that extra terminals are necessary.

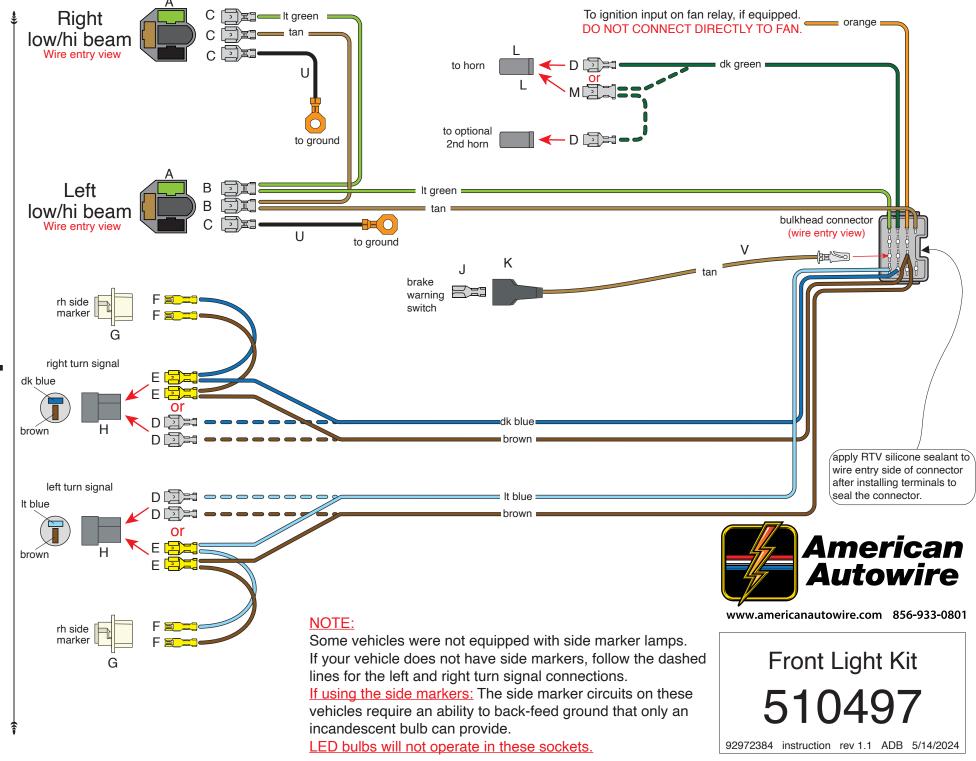




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Front Light Kit 510497

**1967-72 Chevy Front Light** For 1967, also use the 510334 supplemental instructions



# 1967-1972 CHEVY TRUCK

Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead. After all wires are installed from this kit, the main connector should have die-electric grease applied to the terminals and silicone sealer applied to the outside of the connectors as a moisture seal.

**BULKHEAD CONNECTOR WIRES:** 

LT BLUE	LH TURN	Route this wire to the LH turn signal lamp, cut to length and if no side marker is used, install terminal D and plug into connector H as shown on sheet 3. If using side markers, take cut off piece, double with original wire, install terminal E, plug into connector H, route other end to side marker, install terminal F and plug into connector G as shown on sheet 3.
DK BLUE	RH TURN	Route this wire to the RH turn signal lamp, cut to length and if no side marker is used, install terminal D and plug into connector H as shown on sheet 3. If using side markers, take cut off piece, double with original wire, install terminal E, plug into connector H, route other end to side marker, install terminal F and plug into connector G as shown on sheet 3.
BROWN	PARKING LAMP	Route the shorter brown wire that is the same length as the LT BLUE wire to the LH turn signal lamp, cut to length and if no side marker is used, install terminal D and plug into connector H as shown on sheet 3. If using side markers, take cut off piece, double with original wire, install terminal E, plug into connector H, route other end to side marker, install terminal F and plug into connector G as shown on sheet 3. Route the longer brown wire that is the same length as the DK BLUE wire to the RH turn signal lamp, cut to length and if no side marker is used, install terminal D and plug into connector H as shown on sheet 3. If using side markers, take cut off piece, double with original wire, install terminal F and plug into connector G as shown on sheet 3. If using side markers, take cut off piece, double with original wire, install terminal E, plug into connector H, route other end to side marker, install terminal F and plug into connector G as shown on sheet 3.
TAN	HEADLIGHT LO BEAM	Route this wire to the driver side headlight and trim to length. Double this wire with the cutoff portion, and install terminal B. Plug this terminal into connector A as shown on sheet 3. Route the remaining portion of this TAN wire to the passenger side outer headlight and trim to length. Install terminal C and plug into connector A as shown on sheet 3.
LT GREEN	HEADLIGHT	Route this wire to the driver side headlight and trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 3. Route the remaining portion of this LT GREEN wire to the passenger side headlight, trim to length, install terminal C, and plug into connector A as shown on sheet 3.
TAN	BRAKE LIGHT SWITCH	Plug this tan wire V into the front light connector as shown on sheet 3. Route the other end of this wire to the brake warning switch, trim to length, slide boot K onto wire, install terminal J, then pull boot K back up over terminal J.
BLACK	GROUND	Route one ground wire U to the driver side headlight trim to length, install terminal C, and plug into connector A as shown on sheet 3. Repeat this process for passenger side headlight connection.
OTHER WIF	ING:	

DK GREEN HORN Route to horn, install terminal D, and plug into connector L as shown on sheet 3.

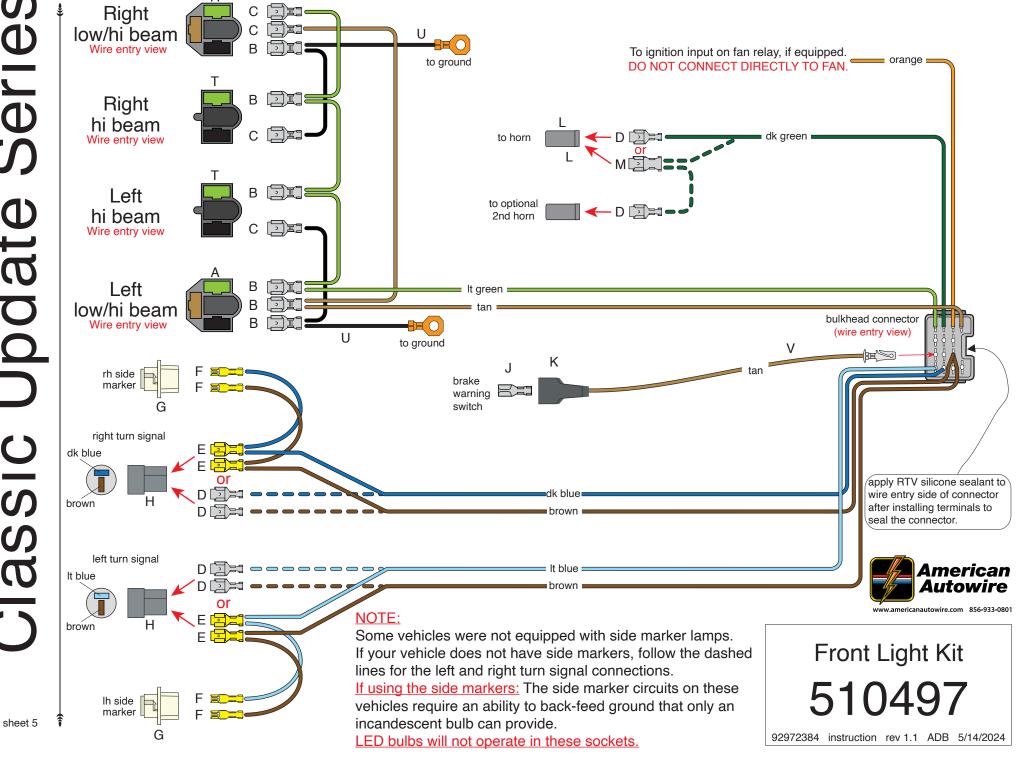
ORANGE ELECTRIC FAN Route to the ignition input on a fan relay.

DO NOT CONNECT DIRECTLY TO THE FAN. DOING SO WILL RESULT IN DAMAGE FUSE TO THE FUSE PANEL.



Front Light Kit 510497 92972384 instruction rev 1.1 ADB 5/14/2024

1967-72 GMC Front Light For 1967, also use the 510334 supplemental instructions



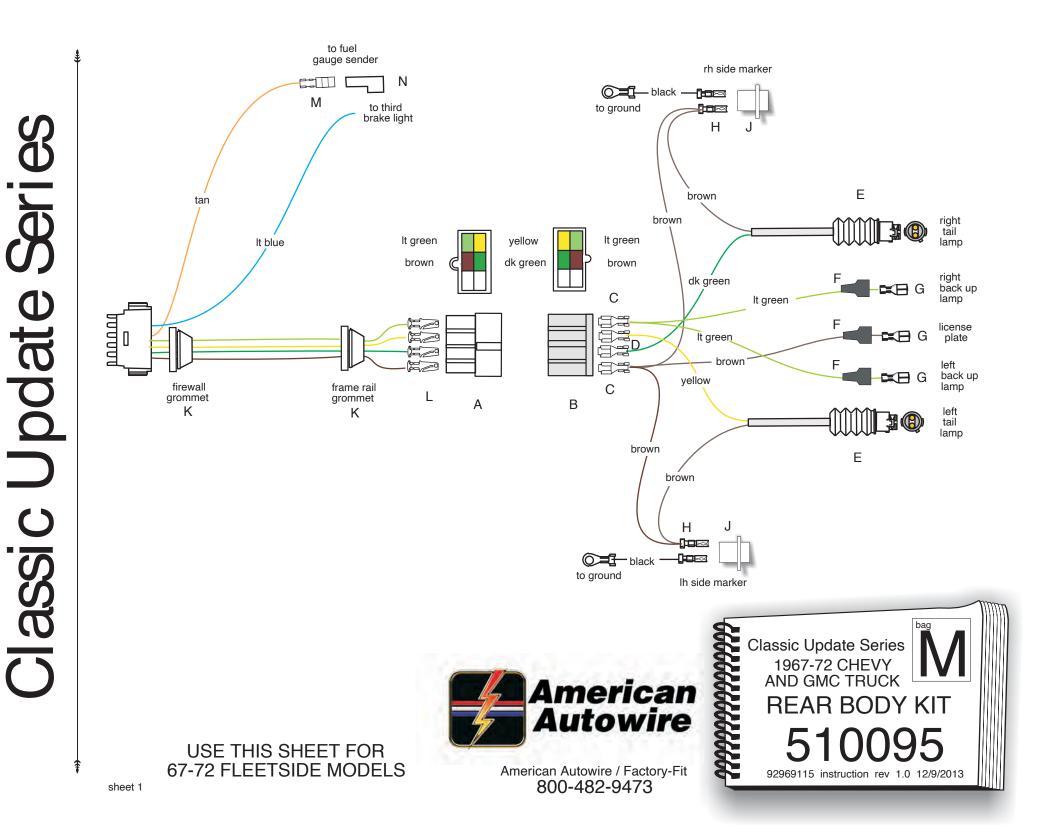
Series Update assic

# 1967-1972 GMC TRUCK

Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead. After all wires are installed from this kit, the main connector should have die-electric grease applied to the terminals and silicone sealer applied to the outside of the connectors as a moisture seal.

BULKHEAD CONNECTOR WIRES:

LT BLUE	LH TURN	Route this wire to the LH turn signal lamp, cut to length and if no side marker is used, connector H as shown on sheet 5. If using side markers, take cut off piece, double wit plug into connector H, route other end to side marker, install terminal F and plug into connector H.	h original wire, install terminal E,
DK BLUE	RH TURN	Route this wire to the RH turn signal lamp, cut to length and if no side marker is used, connector H as shown on sheet 5. If using side markers, take cut off piece, double wit plug into connector H, route other end to side marker, install terminal F and plug into connector H.	h original wire, install terminal E,
BROWN	PARKING LAMP	Route the shorter brown wire that is the same length as the LT BLUE wire to the LH tu side marker is used, install terminal D and plug into connector H as shown on sheet 5 piece, double with original wire, install terminal E, plug into connector H, route other e and plug into connector G as shown on sheet 5. Route the longer brown wire that is th to the RH turn signal lamp, cut to length and if no side marker is used, install terminal on sheet 5. If using side markers, take cut off piece, double with original wire, install terminal F and plug into connector G as shown on sheet 5.	. If using side markers, take cut off nd to side marker, install terminal F ne same length as the DK BLUE wire D and plug into connector H as shown erminal E, plug into connector H, route
TAN	HEADLIGHT LO BEAM	Route this wire to the driver side outer headlight and trim to length. Double this wire w terminal B. Plug this terminal into connector A as shown on sheet 5. Route the remain passenger side outer headlight and trim to length. Install terminal C and plug into conrector of the second secon	ing portion of this TAN wire to the
LT GREEN	HEADLIGHT HIGH BEAM	Route this wire to the driver side outer headlight and trim to length. Double this wire we terminal B. Plug this terminal into connector A, make a short jumper over to the driver double it with the cutoff portion, install terminal B, and plug it into connector T as shown portion of this LT GREEN wire to the passenger side inner headlight and trim to length portion, install terminal B and plug into connector T as shown, make a short jumper ow headlight, cut to length, double it with the cutoff portion, install terminal C, and plug it is to be preserved.	side inner headlight, cut to length, n on sheet 5. Route the remaining n, double this wire with the cutoff ver to the passenger side outer
TAN	BRAKE LIGHT SWITCH	Plug this tan wire V into the front light connector as shown on sheet 5. Route the othe switch, trim to length, slide boot K onto wire, install terminal J, then pull boot K back up	
BLACK	GROUND	Route this wire U to the driver side outer headlight and trim to length, double this wire plug this terminal into connector A, take the short jumper over to the driver side inner headlight, cut to length, install terminal C, and plug it into connector T in the location shown on sheet 5. Repeat this process for the passenger side.	
OTHER WIR	ING:		www.americanautowire.com 856-933-0801
DK GREEN	HORN	Route to horn, install terminal D, and plug into connector L as shown on sheet 5.	Front Light Kit
ORANGE	ELECTRIC FAN	Route to the ignition input on a fan relay. DO NOT CONNECT DIRECTLY TO THE FAN. DOING SO WILL RESULT IN DAMAGE FUSE TO THE FUSE PANEL.	510497 92972384 instruction rev 1.1 ADB 5/14/2024



# USE THIS SHEET FOR ALL 1967-72 FLEETSIDE MODELS

Connect the main connector to the mating connector on the dash harness 510091 bag G. After completing the installation of this portion of the kit, it is recommended that you seal the back of the cavities of Connectors A and B with black silicone sealer.

NOTE: There are 2 grommets K included in this bag. 1 installs from inside the cab through the firewall in the stock location, the other installs in the rear frame rail in the stock position installing toward the back of the truck. You will need to ream out the hole in the center of the grommets depending on how many wires you install through them.

LIGHT BLUE Third brake light Connect to the third brake lamp, if equipped. If your third brake light is at the back of the truck, you may route this wire out of the cab through the grommets with the other wires that run to the back of the truck. Route this wire over to the driver side sill area, up behind the seat assembly to the fuel tank, cut to length, Fuel Tank lead install terminal M, plug into connector N, and install onto the fuel tank sending unit. If you are running a modified fuel system and have moved your tank to the outside of the truck you may route this wire out of the cab through the grommets with the other wires that run to the back of the truck.

The following steps will complete the forward half of your rear body connection as seen on sheet 1.

BROWN	Parking lamps
YELLOW	LH Stop / Tail
DK GREEN	RH Stop / Tail
LIGHT GREEN	Back up lamp feed

TAN

Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet1. Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet1. Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet1. Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet1.

NOTE: On the Fleetside models, you have 2 tail lamp boot, tube, and socket pigtails containing the parking lamp and stop/turn lamp wires that will plug onto the back of your tail lamp housing assemblies. These pigtails, once installed, should be fished down through the verticle channel that the lamp assembly mounts into and the wires are to be pulled down through the bottom of that channel and be left there to hang for now.

BROWN	Parking lamps	Route the loose piece brown wire included in this bag from the tag lamp assembly to the rear body connection area and cut to length. On one end, slide boot F onto wire, install terminal G, then pull boot F over terminal G to seat it as shown on sheet 1. The other end of this wire will be tripled at the rear body connection area later.
		If you ARE NOT using side marker lamps, take the brown wires from the tail lamp pigtails, route them to the rear body connection area and cut to length. Take these 2 wires along with the tag lamp wire previously completed, triple them together in terminal C (brass color, soldering is recommended here), and plug them into connector B as shown on sheet1.
		If you ARE using side marker lamps, take the remaining portion of the loose piece brown wire and route it from the LH side marker assembly to the rear body connection area and cut to length. Route the brown wire from the LH tail lamp pigtail over to the LH side marker lamp, cut to length, double it with the loose piece wire that was just cut for the LH side marker lamp, install terminal H (the wider of the 2 styles), and plug it into the lamp socket J as shown on sheet 1. Take the remaining portion of the loose piece brown wire and route it from the RH side marker assembly to the rear body connection area and cut to length. Route the brown wire from the RH tail lamp pigtail over to the RH side marker lamp, cut to length, double it with the loose piece wire that was just cut for the RH side marker lamp, install terminal H (the wider of the 2 styles), and plug it into the lamp socket J as shown on sheet 1. Take these lamp, cut to length, double it with the loose piece wire that was just cut for the RH side marker lamp, install terminal H (the wider of the 2 styles), and plug it into the lamp socket J as shown on sheet 1. Take these 2 wires along with the tag lamp wire previously completed, triple them together in terminal C (brass color, soldering is recommended here), and plug them into connector B as shown on sheet 1.
YELLOW	LH Stop / Tail	Route this wire from the LH tail lamp pigtail assembly over to the rear body connection area, cut to length, install terminal D (silver color), and plug into connector B as shown on sheet 1.
DK GREEN	RH Stop / Tail	Route this wire from the RH tail lamp pigtail assembly over to the rear body connection area, cut to length, install terminal D (silver color), and plug into connector B as shown on sheet 1.
LIGHT GREEN	Back up lamp feed	Route the loose piece It green wire included in this bag from the LH back up lamp assembly to the rear body connection area and cut to length. On one end, slide boot F onto wire, instal terminal G, then pull boot F over terminal G to seat it as shown on sheet 1 then plug it into the LH back up lamp assembly. Repeat this procedure for RH side back up lamp assembly. Take these 2 wires and double them together in terminal C (brass color, soldering is recommended here), and plug them into connector B as shown on sheet1.
BLACK	Side Marker Ground	There are two loose black wires in this bag that are already terminated on both ends. Plug each of them into the LH and RH rear side marker lamp sockets J as shown on sheet 1 and ground the other end to the inside of the rear bed assembly.

Α

В

С

D

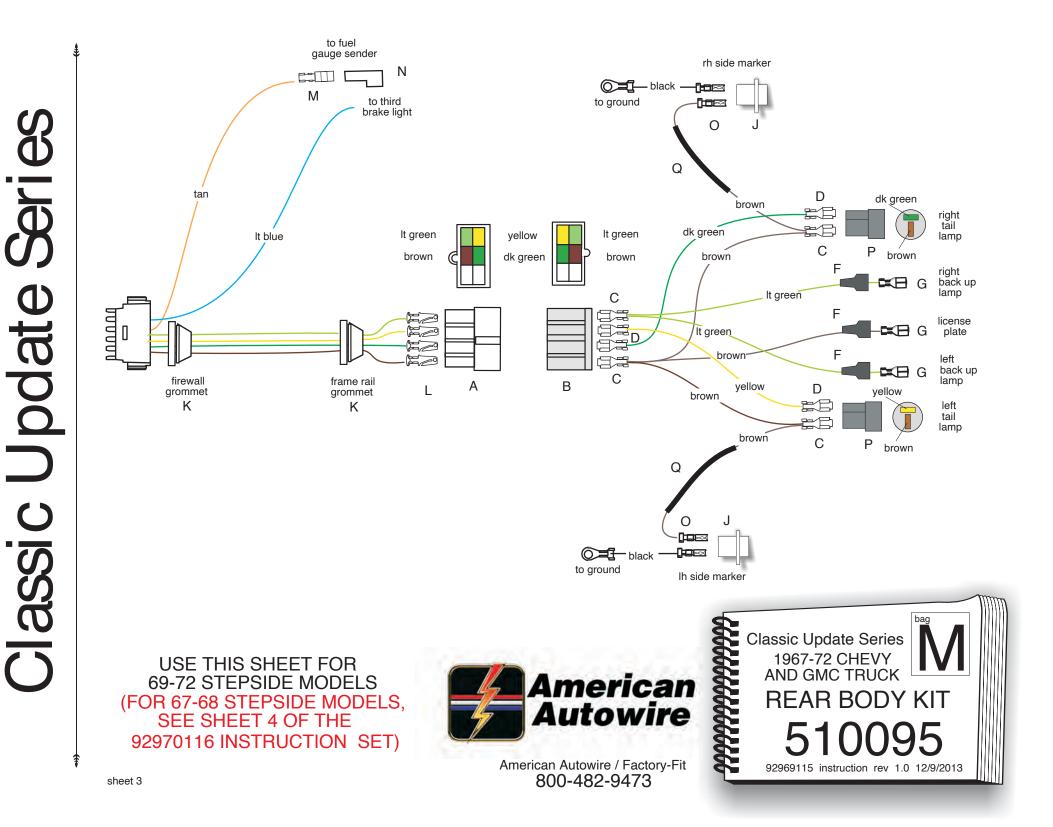
E

G

Н

Ρ

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# **USE THIS SHEET FOR ALL 1967-72 STEPSIDE MODELS** (FOR 67-8 STEPSIDES, ALSO SEE INSTRUCTION SET 92970116, SHEET 4)

Connect the main connector to the mating connector on the dash harness 510091 bag G. After completing the installation of this portion of the kit, it is recommended that you seal the back of the cavities of Connectors A and B with black silicone sealer.

NOTE: There are 2 grommets K included in this bag. 1 installs from inside the cab through the firewall in the stock location, the other installs in the rear frame rail in the stock position installing toward the back of the truck. You will need to ream out the hole in the center of the grommets depending on how many wires you install through them.

LIGHT BLUE	Third brake light	Connect to the third brake lamp, if equipped. If your third brake light is at the back of the truck, you may route
		this wire out of the cab through the grommets with the other wires that run to the back of the truck.
TAN	Fuel Tank lead	Route this wire over to the driver side sill area, up behind the seat assembly to the fuel tank, cut to length,
		install terminal M, plug into connector N, and install onto the fuel tank sending unit. If you are running a
		modified fuel system and have moved your tank to the outside of the truck you may route this wire out of the
		cab through the grommets with the other wires that run to the back of the truck.

The following steps will complete the forward half of your rear body connection as seen on sheet 1.

BROWN	Parking lamps	Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet3.
YELLOW	LH Stop / Tail	Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet3.
DK GREEN	RH Stop / Tail	Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet3.
LIGHT GREEN	Back up lamp feed	Route this wire through the grommet in the firewall, along the driver side frame rail to the back of the truck, through the rear grommet, cut to length, install terminal L and plug into connector A as shown on sheet3.

NOTE: On the Stepside models, you must build the entire rear extension harness as you will NOT be using the rear pigtail assemblies.

BROWN	Parking lamps	Route the loose piece brown wire included in this bag from the tag lamp assembly to the rear body connection area and cut to length. On one end, slide boot F onto wire, install terminal G, then pull boot F over terminal G to seat it as shown on sheet3. The other end of this wire will be tripled at the rear body connection area later.
		If you ARE NOT using side marker lamps, route the remaining portion of the loose piece brown wire from LH tail lamp assembly to the rear body connection area and cut to length, install terminal D (silver color), and plug it into connector P as shown on sheet3. Repeat this procedure for the RH tail lamp assembly. Triple the 3 brown wires together in terminal C (brass color, soldering is recommended here), and plug them into connector B as shown on sheet3.
		If you ARE using side marker lamps, take the remaining portion of the loose piece brown wire and route it from the LH tail lamp assembly to the rear body connection area and cut to length. Route the remaining
		portion of the loose piece brown wire from the LH tail lamp assembly over to the LH side marker lamp, cut to length, slide through loom Q, install terminal O (the narrower of the 2 styles), and plug it into the LH side marker lamp socket J. Double the 2 loose piece brown wires at the LH tail lamp assembly in terminal C
		(brass color, soldering is recommended here), and plug them into connector P as shown on sheet3. Repeat this procedure for the RH tail lamp assembly. Triple the 3 brown wires together in terminal C (brass color, soldering is recommended here), and plug them into connector B as shown on sheet3.
YELLOW	LH Stop / Tail	Route the loose piece yellow wire from the LH tail lamp assembly over to the rear body connection area, cut to length, install terminal D (silver color) on both ends, and plug into connectors B and P as shown on sheet3.
DK GREEN	RH Stop / Tail	Route the loose piece dk green wire from the RH tail lamp assembly over to the rear body connection area, cut to length, install terminal D (silver color) on both ends, and plug into connectors B and P as shown on sheet3.
LIGHT GREEN	Back up lamp feed	Route the loose piece It green wire included in this bag from the LH back up lamp assembly to the rear body connection area and cut to length. On one end, slide boot F onto wire, instal terminal G, then pull boot F over terminal G to seat it as shown on sheet 1 then plug it into the LH back up lamp assembly. Repeat this procedure for RH side back up lamp assembly. Take these 2 wires and double them together in terminal C

BLACK

Side Marker Ground

sheet 4

A

В

С

D

Е

н

Κ

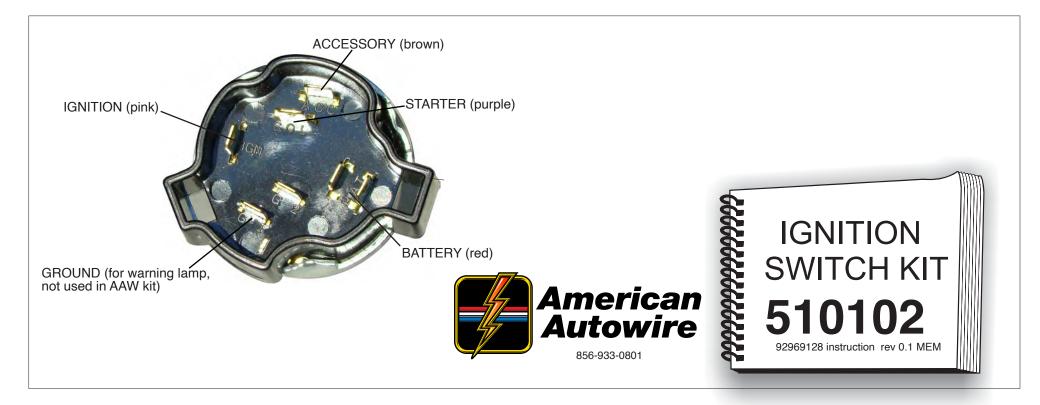
M

Ν

O.

Ρ

Q

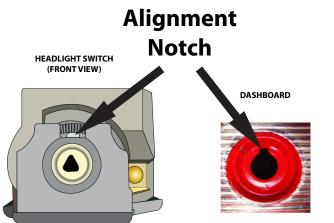


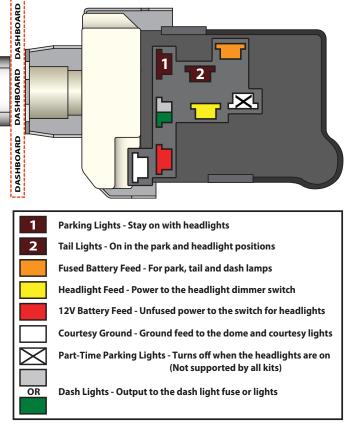


Most switches supplied with Classic Update and Universal Kits ship with the shaft pre-installed. In many instances, the switch can be installed without removing the shaft, but in some cases the switch shaft may need to be trimmed to fit your specific dash. In this situation, reference Trim to Fit instructions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







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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.

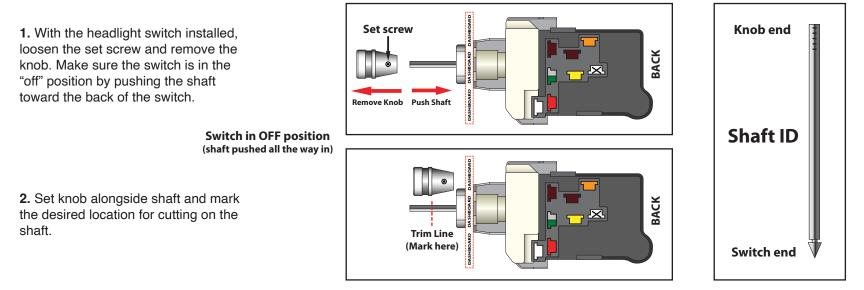
5. Ensure the shaft is fully seated and in the off position.

Page 1

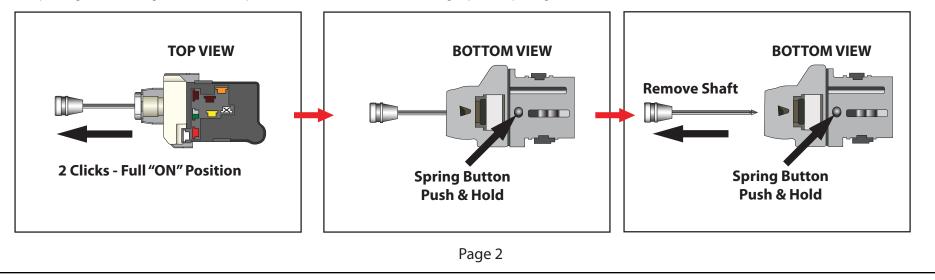


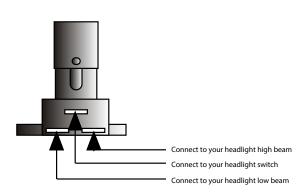
# To Trim Shaft to Fit or Remove Shaft:

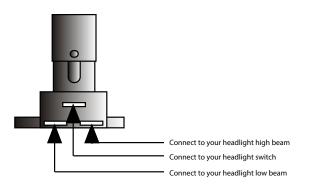
The headlight shaft knob should extend from the face of the mounting nut, and must allow enough clearance for the switch to turn off. If the shaft is longer than necessary for your specific dash it can be trimmed to fit. Always trim the knob end of the shaft only and follow the guidelines below for best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



**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.







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.

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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150 Heller Pl #17 W Bellmawr, NJ 08031 856-933-0801

PART # 500042
DESCRIPTION:
DIMMER SWITCH
92964573 instruction sheet Rev 3.0 6/29/99

another wiring product by...



150 Heller Pl #17 W Bellmawr, NJ 08031 856-933-0801

PART # 500042 DESCRIPTION:	
DIMMER SWITCH	
92964573 instruction sheet	Rev 3.0 6/29/99