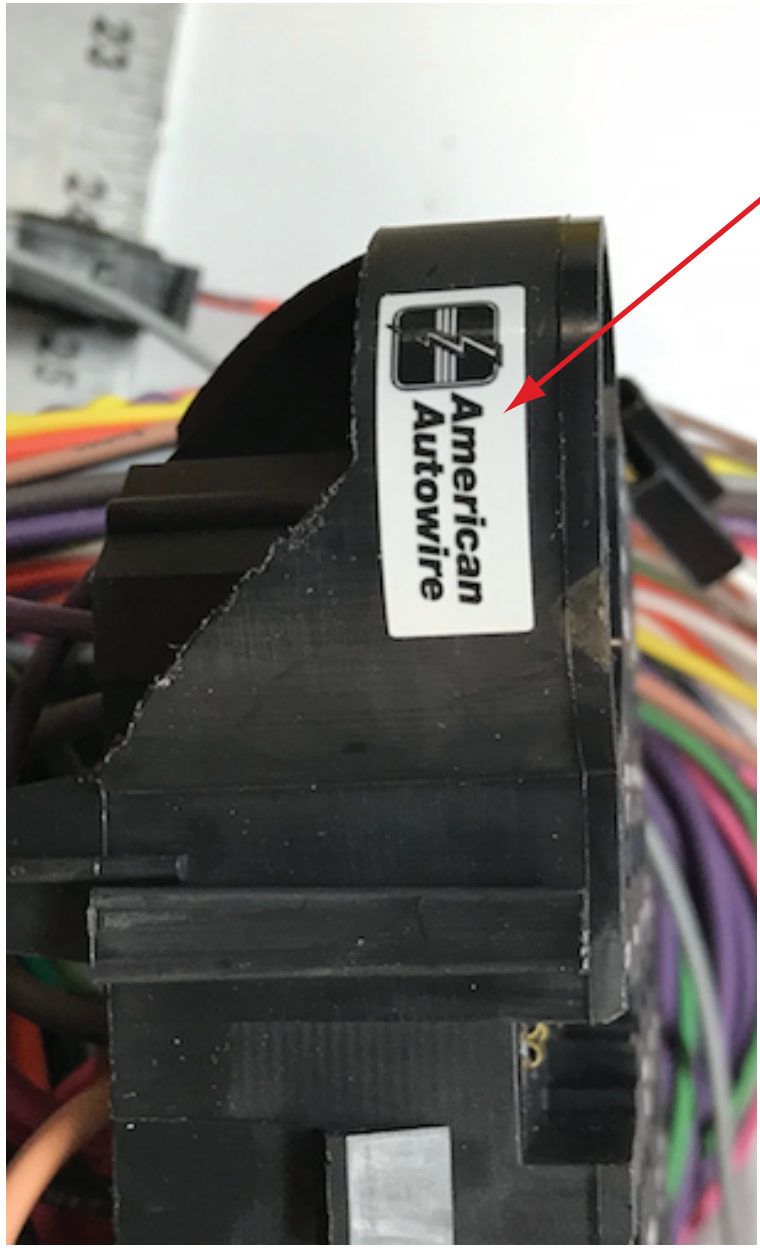


NOTE: If the fuse panel on your 510217 59-60 Impala kit ***HAS*** a sticker like the photo at the left, you have the second design harness and your instructions are listed below and follow this page.

| Number | Description |
|---|---|
| 500332 | Headlight Switch |
| 500707 | Fuse, Relay, and Flasher kit |
| 500471 | Courtesy Light kit |
| 500684 | Ignition Switch |
| 500919 | Practice Terminal Crimping Set |
| 510534 | Dash Harness kit |
| 510535 | Engine Wiring Kit |
| 510536 | Front Light Wiring kit |
| 510763 | Instrument Cluster Wiring kit |
| 510762 | Rear Body Wiring kit |
| 510476 | Alternator and main power Connection kit |
| 510730 | VSS Connection kit |
| 500237 | Floor Dimmer Switch |
| 92969720 | Firewall Mod. Template Sheet |
| 92972583 | Kit Introduction Instruction Sheet |
| 92972584 | Warning Sheet |

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# 59-60 Impala Second Design Instructions

92972905 rev. 0.0 2/28/2020

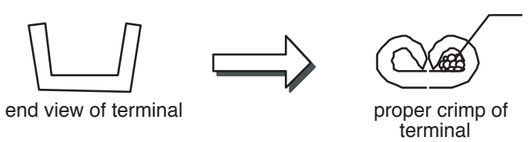
# Classic Update Series

## 1959-1960 Impala

# 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 barrell terminals down into the wire as shown below. ALL TERMINALS THAT YOU INSTALL SHOULD BE PROPERLY SOLDERED. Our factory terminations are installed by GM approved five ton presses, and soldering is not necessary on these terminations.




INSTALLATION INSTRUCTIONS

AS THIS HARNESS IS DESIGNED FOR USE IN A MODIFIED CAR REQUIRING A HIGHER RATE OF CHARGE, IT DOES NOT SUPPORT THE USE OF A STOCK (ORIGINAL) GENERATOR. IT IS DESIGNED FOR USE WITH AN INTERNALLY REGULATED “SI” OR SINGLE WIRE STYLE ALTERNATOR. IT CAN ALSO BE USED WITH THE LATER “CS” AND “CS-D” UNITS BY USING THE ADAPTERS WHICH ARE SOLD SEPARATELY. CONTACT AAW OR YOUR FAVORITE DEALER FOR THE PROPER ADAPTER FOR YOUR CAR.

STEP 1: DISCONNECT YOUR 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 installation for your kit. Start with bag letter G, then H, etc. The order of installation is shown below.

G 510534 Dash Harness Kit
H 510763 Instrument Cluster Kit
J 510535 Engine Kit
L 510536 Front Light Kit
M 510762 Rear Body Kit
N 500471 Courtesy Light Kit
V 510730 VSS Connection Kit
Z 510476 Alternator and Main Connection Kit

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.

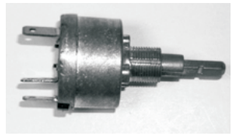
AMERICAN AUTOWIRE MAKES IT EASY !!

## We carry many accessories for your 59-60 Impala

p/n R0067108
OEM style non-stick harness tape

OEM style wiper switch.

p/n 01993543 (59-60) 2 spd w/washer
p/n 01993541 (59-60) 1 spd w/washer



p/n 01998728 (59-60)
T-10 4 speed back up lamp switch.

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

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

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

p/n 36318 (1959)
p/n 36319 (1960)

Factory assembly manual.
(It's what they used on the assembly line to build your Impala!)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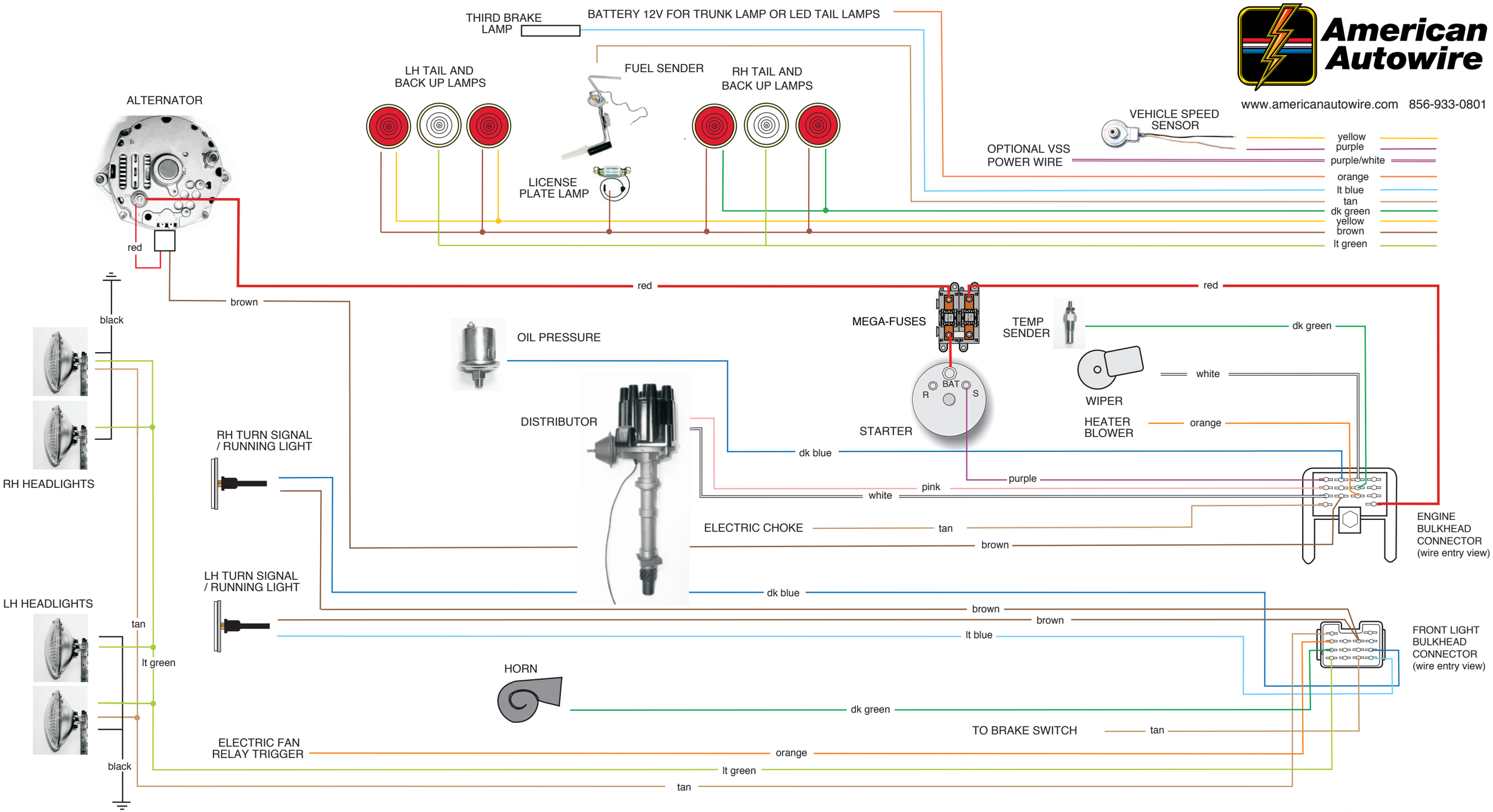
92972583 instruction sheet rev. 0.0 10/10/2019

# Classic Update Series

## 1959-1960 Impala





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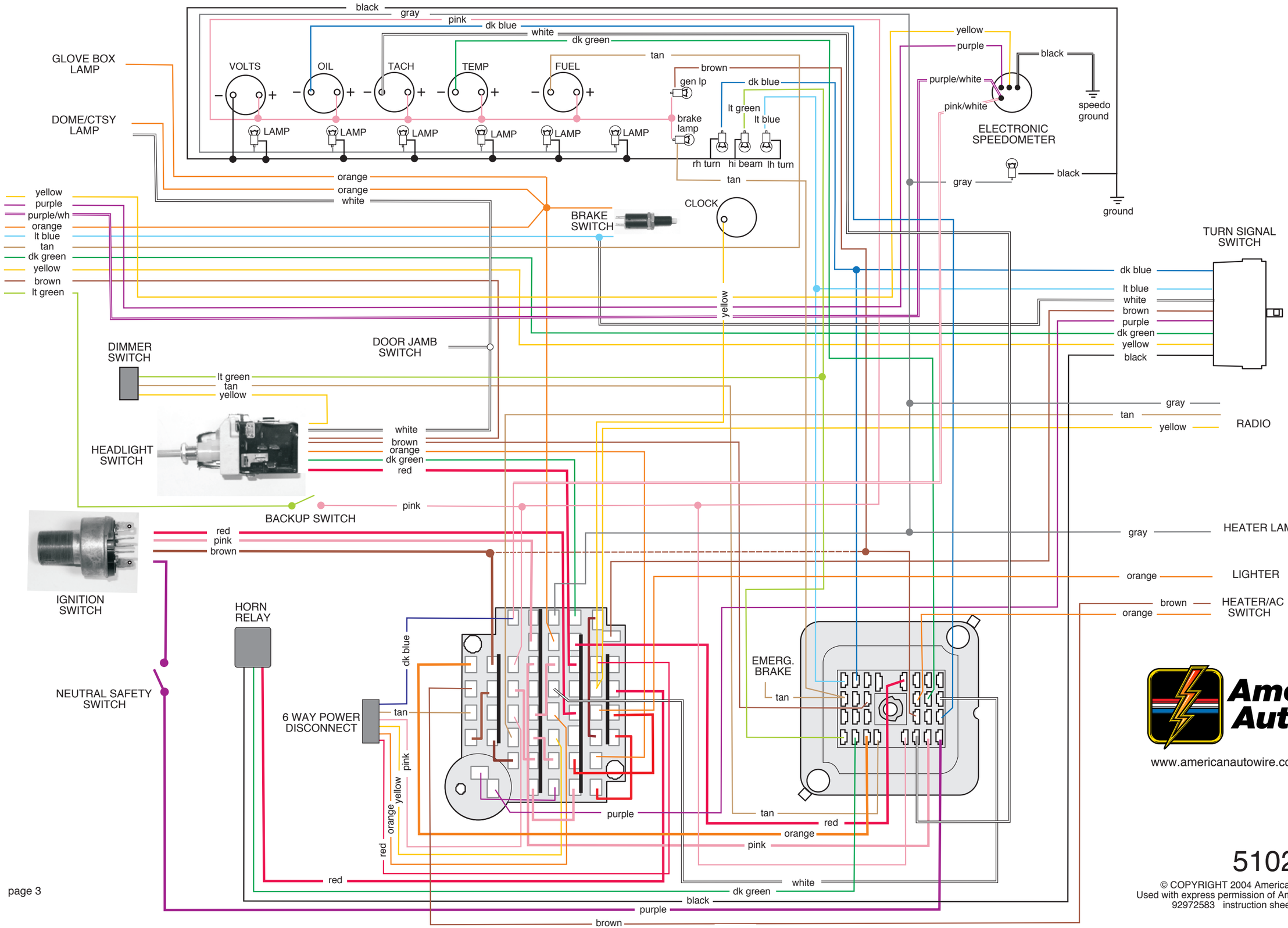
NOTICE: This schematic drawing is for reference only. Do not use the schematic to install this wiring kit! Use the instruction sheets included in each bag, which includes directions for proper terminations, connector indexing, and specific applications.



510217




92972583 instruction sheet rev. 0.0 10/10/2019

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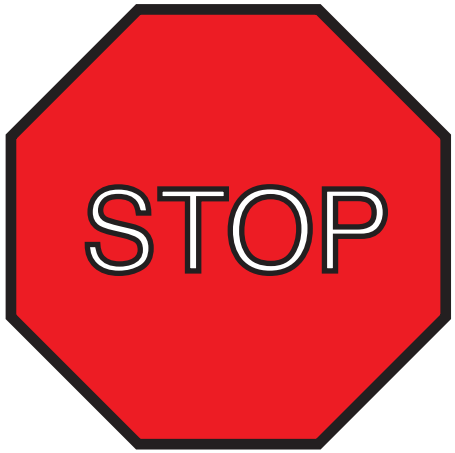
92972583 instruction sheet rev. 0.0 10/10/2019




## 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.

2. 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.

# 510217 - Classic Update Series Kit
# 1959-60 Chevrolet Impala

This kit contains the following components:

| Bag | Part Number | Description | Quantity |
|---|---|---|---|
| | 500332 | Headlight Switch | 1 |
| N | 500471 | Courtesy Light kit | 1 |
| | 510632 | Ignition Switch | 1 |
| | 500707 | Fuse, Relay, and Flasher kit | 1 |
| | 500919 | Practice Terminal Crimping Set | 1 |
| G | 510534 | Dash Harness kit | 1 |
| J | 510535 | Engine Wiring Kit | 1 |
| L | 510536 | Front Light Wiring kit | 1 |
| M | 510762 | Rear Body Wiring kit | 1 |
| H | 510763 | Instrument Cluster wiring kit | 1 |
| | 510237 | Floor Dimmer Switch | 1 |
| V | 510730 | VSS Connection Kit | 1 |
| Z | 510476 | Alternator and Main Power Connection kit | 1 |
| | 92972583 | Kit Supplemental Instruction Sheet | 1 |
| | 92969720 | Firewall Modification Template | 1 |
| | 92972584 | 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.

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510217



92972584 instruction sheet Rev 1.0 6/23/2020

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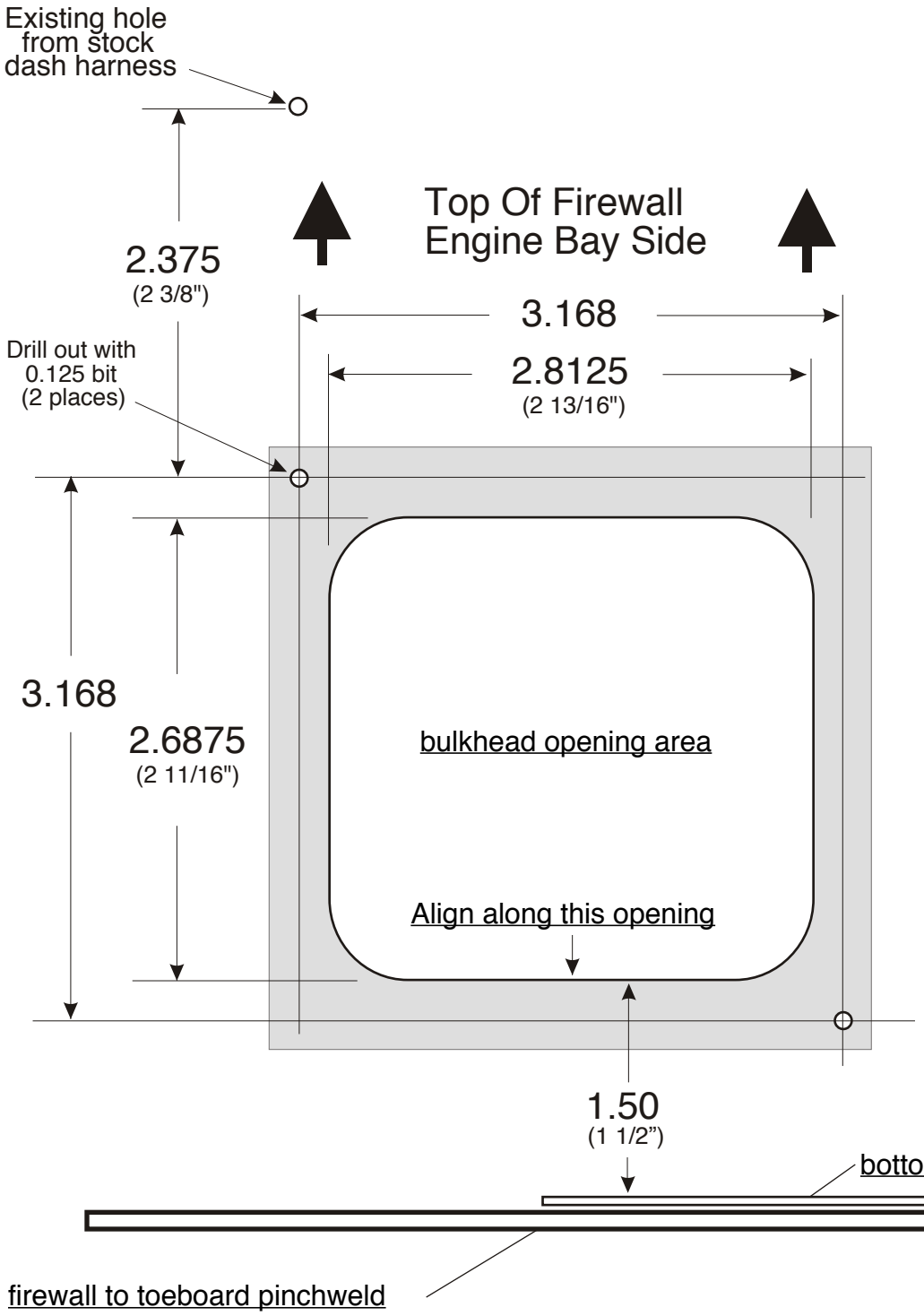
92972583 instruction sheet rev. 0.0 10/10/2019

# Template for firewall modification for 1959-1960 Chevrolet Classic Update Kit




Most Classic Update Series kits are based on the 1968 and later GM bulkhead assembly which has a different mounting footprint than earlier bulkhead connectors. This template will be used for this purpose. We suggest that this template be attached to stiff carboard, a thin piece of plastic, or applied directly to the firewall. The white area can then be cut out with a razor knife to define the area of material that needs to be removed from the existing bulkhead area. If you will be applying the template directly to the firewall, remove the white area prior to affixing it to the firewall and be sure to carefully clean any grease, oil, or wax from the mounting area prior to affixing the template to the firewall.

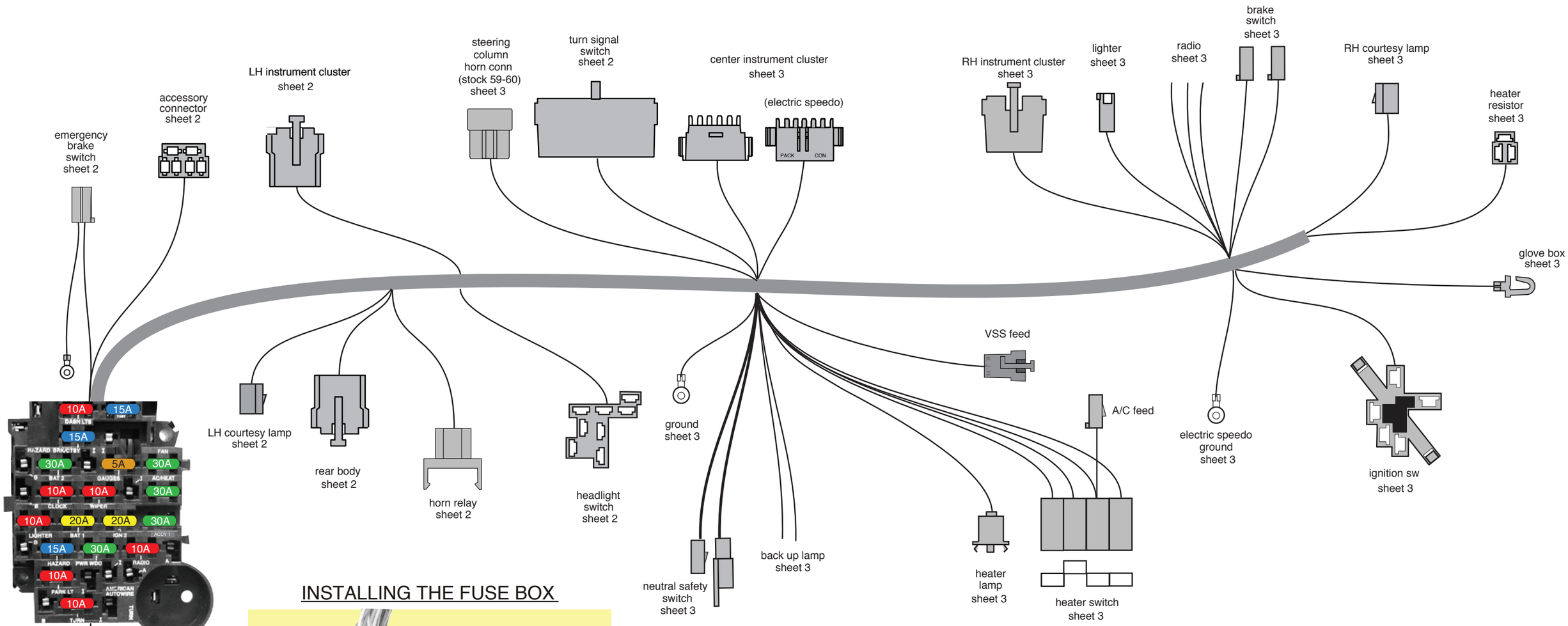
Proceed as follows:

1. Position the template against the firewall by aligning the bottom of the bulkhead opening area on the template and measuring up about 1 1/2 inches from the bottom firewall flange as shown to the left.
2. Locate the existing upper mounting hole from the original stock dash harness and position the new upper hole that is to be drilled per the template directly down 2 3/8 inches from the original hole as shown to the left.
3. Trace the bulkhead opening area from the template onto the existing firewall or spray some paint over the opening area and allow it to dry.
3. Drill the two new 0.125 holes for the new bulkhead mounting screws as per the template. Remove the template from the firewall to view the traced or painted area and cut that area out.
4. Install the fuse box assembly from the passenger compartment side and check the fit into the new bulkhead opening. It may be necessary to do some fine tuning on the opening for an exact fit.
5. Attach the new fuse box and dash harness to the firewall using the provided screws to complete this part of the installation.

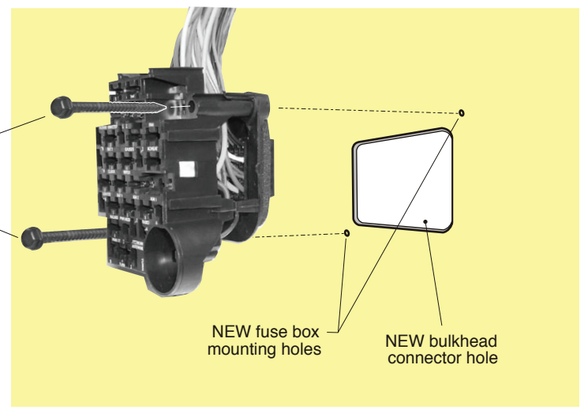
**PRINT ON ADHESIVE LABEL SHEET**

92969720

92969720 Rev 2.1 2/14/2017




## INSTALLING THE FUSE BOX




1. Locate the stock OEM bulkhead hole in the driver side of the firewall. **NOTE: You will need to modify the firewall of your car by making a completely new, larger hole. See firewall template 92969720 to help with this operation.**
2. Mount the fuse box with the flasher can in the bottom right corner, as shown above.
3. Using the two mounting screws A, attach the fuse panel to the firewall.

## Fuse Panel Installation Instructions

Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

1. Study the diagram above to familiarize yourself with the dash harness.
2. Modify your firewall opening and install the fuse box (see item #1 below left, and 92969720 template).
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this dash harness kit.
5. Once this harness is installed, continue to bag 'H', and install the rest of the kit (bags H,J,K,L,M).
6. See sheet 2 regarding plugs for the original engine and forward lamp harness bulkhead holes.

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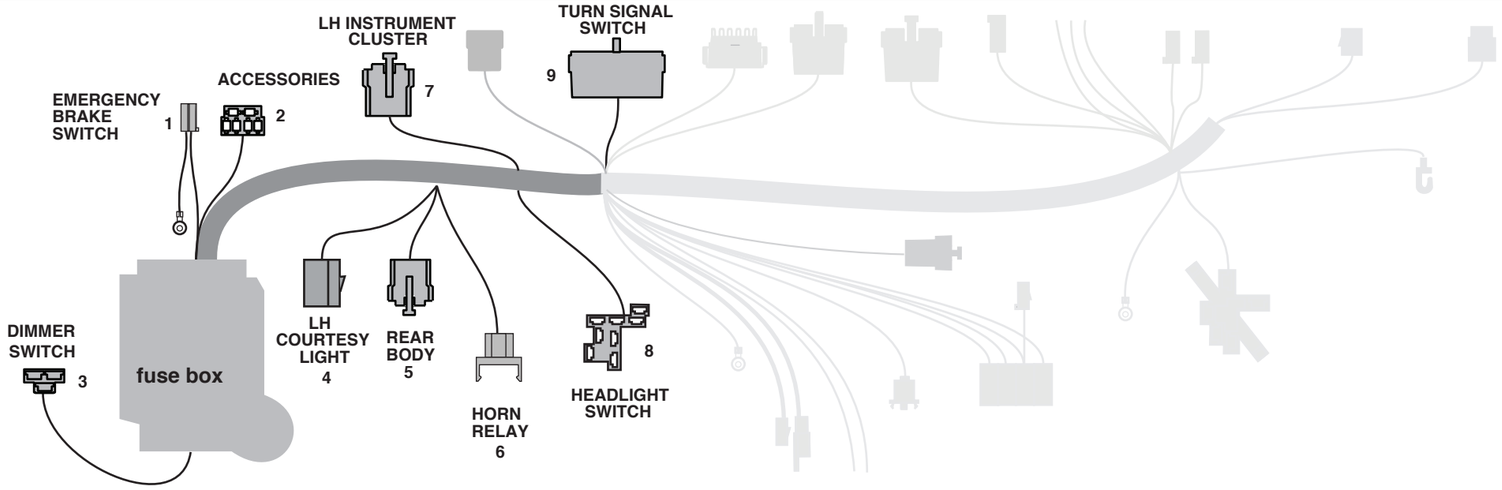
1959-60 Impala

bag G

DASH KIT

510534

92972564 Rev 1.0 6/23/2020



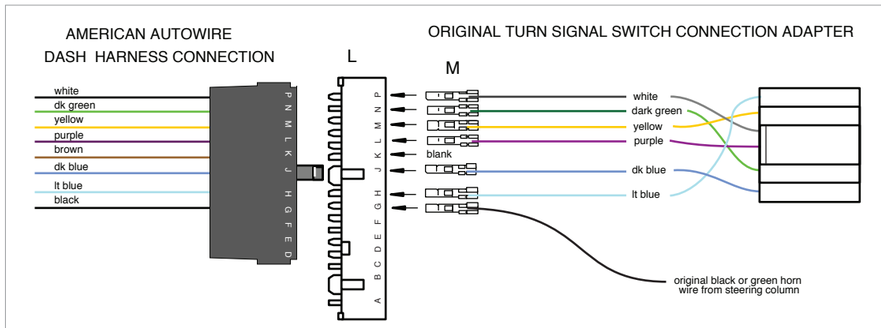




**DIAGRAM 'A' - Stock 1959-60 Steering Columns**

| | | | |
|---|---|---|---|
| 1 | EMERGENCY BRAKE | | Connect to the emergency brake switch. This is the ground circuit for the brake warning switch lamp. |
| | | Tan | Emergency brake warning lamp wire to the cluster connector. |
| | | Tan | Connect the wire with the ring terminal to a good chassis ground. |
| 2 | ACCESSORIES | | Use the provided connector that is plugged into the dash harness along with the loose terminals in the loose piece parts kit to connect power leads for the following: |
| | | **Fuse** | **Rating** |
| | | Dark Blue | FUEL 15 amp Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit) |
| | | Orange | BAT1 20 amp Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit) |
| | | Red | BAT2 30 amp Fused 12 volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit) |
| | | Pink | IGN1 20 amp Fused 12 volt IGNITION feed for cruise control (may also be used to feed power to another ignition circuit) |
| | | Yellow | PWRWDO 30 amp Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit) |
| | | Tan | ACCY1 30 amp Fused 12 volt ACCESSORY feed (may also be used to feed power to an accessory circuit) |
| 3 | DIMMER SWITCH | | This connector will mate to the floor mounted dimmer switch. |
| | | Yellow | 12 volt feed into dimmer switch from H/L switch |
| | | Light Green | 12 volt feed out to high beam H/L |
| | | Tan | 12 volt feed out to low beam H/L |
| 4 | LH COURTESY LAMP | | Plug this connector into the mating LH courtesy lamp assembly from 500471, bag N. |
| | | Orange | 12 volt battery fused feed |
| | | White | Courtesy lamp switched ground |
| 5 | REAR BODY | | This connector will mate with the connector from the Rear Body harness 510222, bag M. |
| | | Tan | Fuel tank sender lead |
| | | Brown | Tail lamp and tag lamp feed |
| | | Yellow | LH turn / brake feed |
| | | Dark Green | RH turn / brake feed |
| | | Orange | Dome / courtesy lamp feed |
| | | White | Dome / courtesy lamp ground |
| | | Light Green | Back up lamp feed |
| | | Light Blue | Third brake light |
| 6 | HORN RELAY | | Plug the horn relay (found in the fuse, relay, and flasher bag, 500707) into this connector. |
| | | Red | 12 volt battery for relay |
| | | Black | Relay ground circuit (from steering column) |
| | | Dark Green | Triggered 12 volts out to horn |
| 7 | LH INSTRUMENT CLUSTER DISCONNECT | | This connector will plug into the the Intrument Cluster Harness, 510763, bag H. Circuit identifications for this branch are described in those instructions. |
| 8 | HEADLIGHT SWITCH | | This connection will plug onto the new headlamp switch, 500332. |
| | | Red | Battery 12 volt input lead to switch for headlamps. |
| | | Orange | Battery fused 12 volt input lead to switch for park / tail output and dash lamp input |
| | | Brown | Park lamp output |
| | | Brown | Rear running lamp output |
| | | Yellow | 12 volt output lead to dimmer switch for headlamps |
| | | Dark Green | Dash lamp output to fuse panel |
| | | White | Dome / Courtesy ground |
| 9 | TURN SIGNAL SWITCH | | The connector on this harness will mate directly to the 3 7/8" turn signal switch used by GM and many other aftermarket steering column manufacturers. If you are using a stock 1959-60 column and turn signal switch that is mounted on top of the column up under the dash, an adapter has been provided for you. Simply take the adapter and crimp terminals M onto each wire from the adapter and install those terminals into connector L as shown above right in "Diagram A". If you are using an aftermarket column that utilizes the 4 1/4" column connection, removed the terminals from that connector or cut the connector off and crimp terminals M onto the wires from your switch, then install the terminals into connector L maintaining color continuity with the new switch. |
| | | White | to12 volt feed from brake swit |
| | | Dark Green | RH rear stop and turn |
| | | Yellow | LH rear stop and turn |
| | | Purple | 12 volt ignition feed from turn signal flasher |
| | | Brown | 12 volt battery feed from hazard flasher |
| | | Dark Blue | RH front turn |
| | | Light Blue | LH front turn |
| | | Black | Horn relay ground to horn switch |

**NOTE:** There are 2 round vinyl plugs enclosed in the loose piece parts package of this dash harness kit. They are to be installed into your original firewall engine and forward lamp harness pass thru holes. They will fit firmly into the original holes with no modification necessary.

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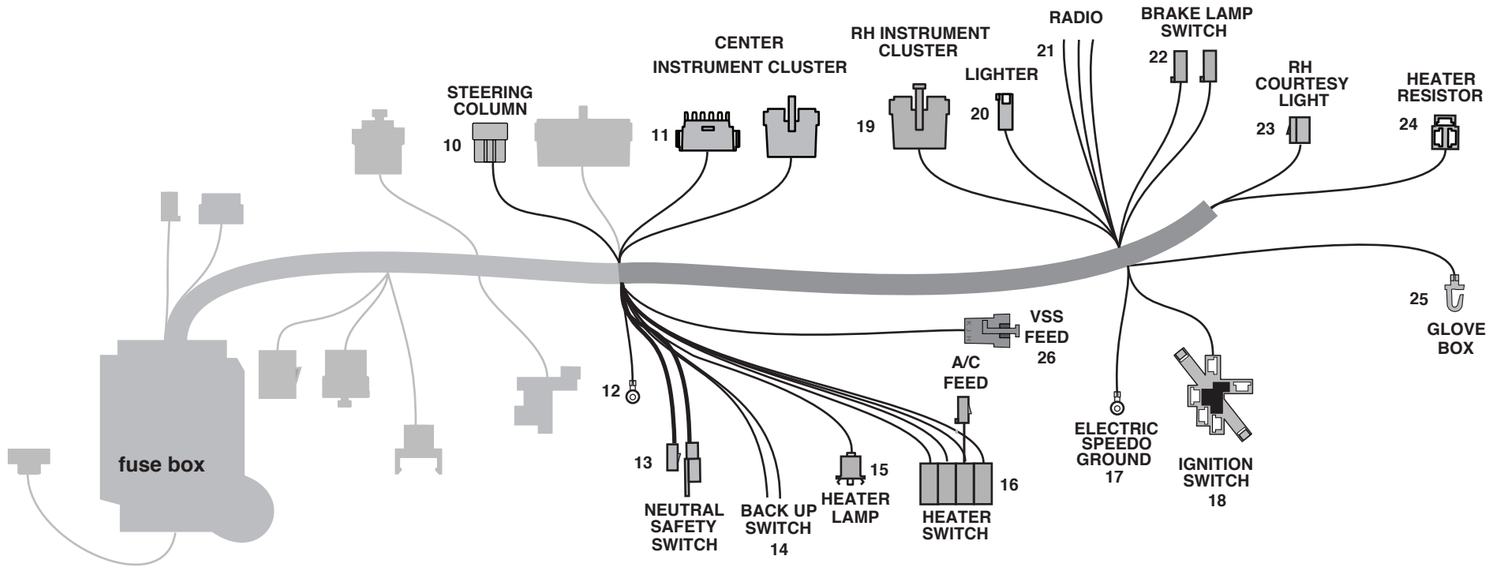


**NOTE:** **For your information, there were 7 different windshield wiper and washer configurations that Chevrolet used between 1959 and 1960. This kit supplies the main power feed for those systems just as your stock dash harness did. This feed, which is found in the engine harness, 510532, bag J, will plug directly into your existing wiper harness or motor assembly exactly as the original did. If you require a new wiper harness for your car, they are available from AAW. Contact our Sales Department at 856-933-0801 or your favorite dealer to inquire about the correct application for your car.**

| | | | |
|---|---|---|---|
| 10 | STEERING COLUMN CONNECTION | Gray<br>Black | Transmission selector lamp wire for column automatic cars<br>Horn relay ground wire for stock 59-60 column. If using a late model column, cut the end off of your stock wire, crimp on terminal M and plug into connector L as seen above. |
| 11 | CENTER INSTRUMENT CLUSTER DISCONNECTS | | These connectors will plug into the the Intrument Cluster Harness, 510763, bag H. Circuit identifications for this branch are described in those instructions. |
| 12 | GROUND | Black | Connect to the dash frame, steering column saddle, or any other good known chassis ground.<br>Cluster and dash lamp grounds |
| 13 | NEUTRAL SAFETY SWITCH | | Connect these wires to your neutral safety switch or together if you are using a manual transmission without an NSS. |
| | | Purple | 12 volt feed in from ignition switch |
| | | Purple | Switched 12 volt feed out to starter solenoid |
| 14 | BACK UP LAMP SWITCH | | Connect these wires to your back up lamp switch. |
| | | Light Green | 12 volt feed out to back up lamps |
| | | Pink | 12 volt ignition feed into back up lamp switch |
| 15 | HEATER CONTROL LAMP | Gray | Dash lamp feed |
| 16 | HEATER SWITCH | | Plug this connector onto your stock heater control switch |
| | | Brown | 12 volt fused switch feed for heat or A/C power. (if using aftermarket A/C, use the short pigtail wire as the switched “ON” “OFF” feed wire to the aftermarket A/C harness.) |
| | | Yellow | To heater resistor |
| | | Light Blue | To heater resistor |
| | | Orange | To heater resistor and blower motor |
| 17 | ELECTRIC SPEEDO GROUND | | Connect to the dash frame, steering column or pedal saddle, or any other good known chassis ground. (DO NOT attach this together with item #11 from above. They may be grounded to the same surface or area, just not under the same screw or bolt) |
| | | Black | Electric speedo ground |
| 18 | IGNITION SWITCH | | This connection will plug onto the new ignition switch, 510632. |
| | | Red | 12 volt battery feed |
| | | Pink | 12 volt ignition feed |
| | | Brown | 12 volt accessory feed |
| | | Purple | 12 volt starter feed to Neutral Safety Switch |
| 19 | RH INSTRUMENT CLUSTER DISCONNECT | | This connector will plug into the the Intrument Cluster Harness, 510763, bag H. Circuit identifications for this branch are described in those instructions. |
| 20 | LIGHTER | Orange | 12 volt fused battery feed to lighter |
| 21 | RADIO | Tan | 12 volt accessory power feed to radio (”ON” and “OFF”) |
| | | Yellow | 12 volt fused battery feed for clock and memory |
| | | Gray | Radio lamp wire for stock 1959-1960 radio application |
| 22 | BRAKE LIGHT SWITCH | | Plug this connector onto your factory stop lamp switch. |
| | | Orange | 12 volt fused battery feed to stop lamp switch |
| | | White | 12 volt out to turn signal switch |
| | | Light Blue | 12 volt out to third brake lamp |
| 23 | RH COURTESY LAMP | | Plug this connector into the mating RH courtesy lamp assembly from 500471, bag N. |
| | | Orange | 12 volt battery fused feed |
| | | White | Courtesy lamp switched ground |
| 24 | HEATER RESISTOR | | (Used on stock non A/C equipped cars only) Plug this connector onto the stock heater resistor located on the stock heater box inside the car under the dash. |
| 25 | GLOVEBOX LAMP | Orange | 12 volt fused battery feed for glovebox lamp. |
| 26. | VSS FEED | | These wires are for use with an aftermarket electric speedometer only. The VSS Lead Wires, 510730, bag V, will plug In here.<br>Refer to that instruction sheet for wire functions and additional directions |

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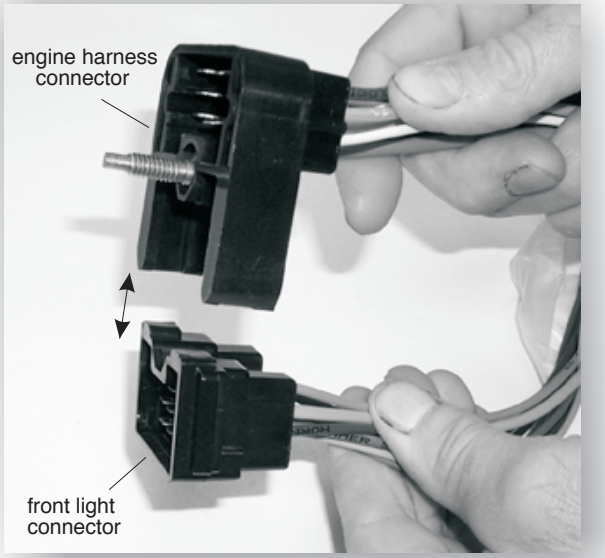
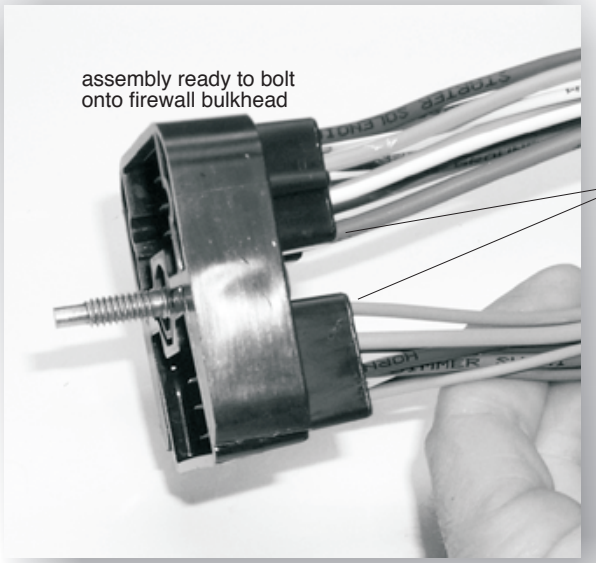
Classic Update Series




The bulkhead connector from this Engine kit must snap into the mating engine connector (bag L), as shown.
After snapping together, then 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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Classic Update Series

bag J

1959-60 Impala

ENGINE KIT

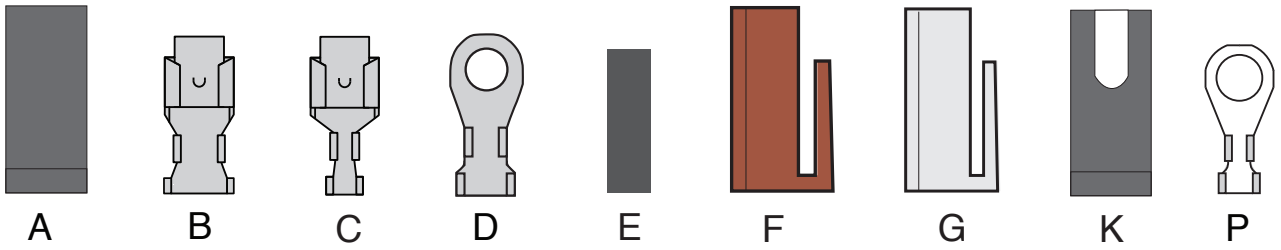
510535

92972567 instruction rev 0.0 10/10/2019

Classic Update Series

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.



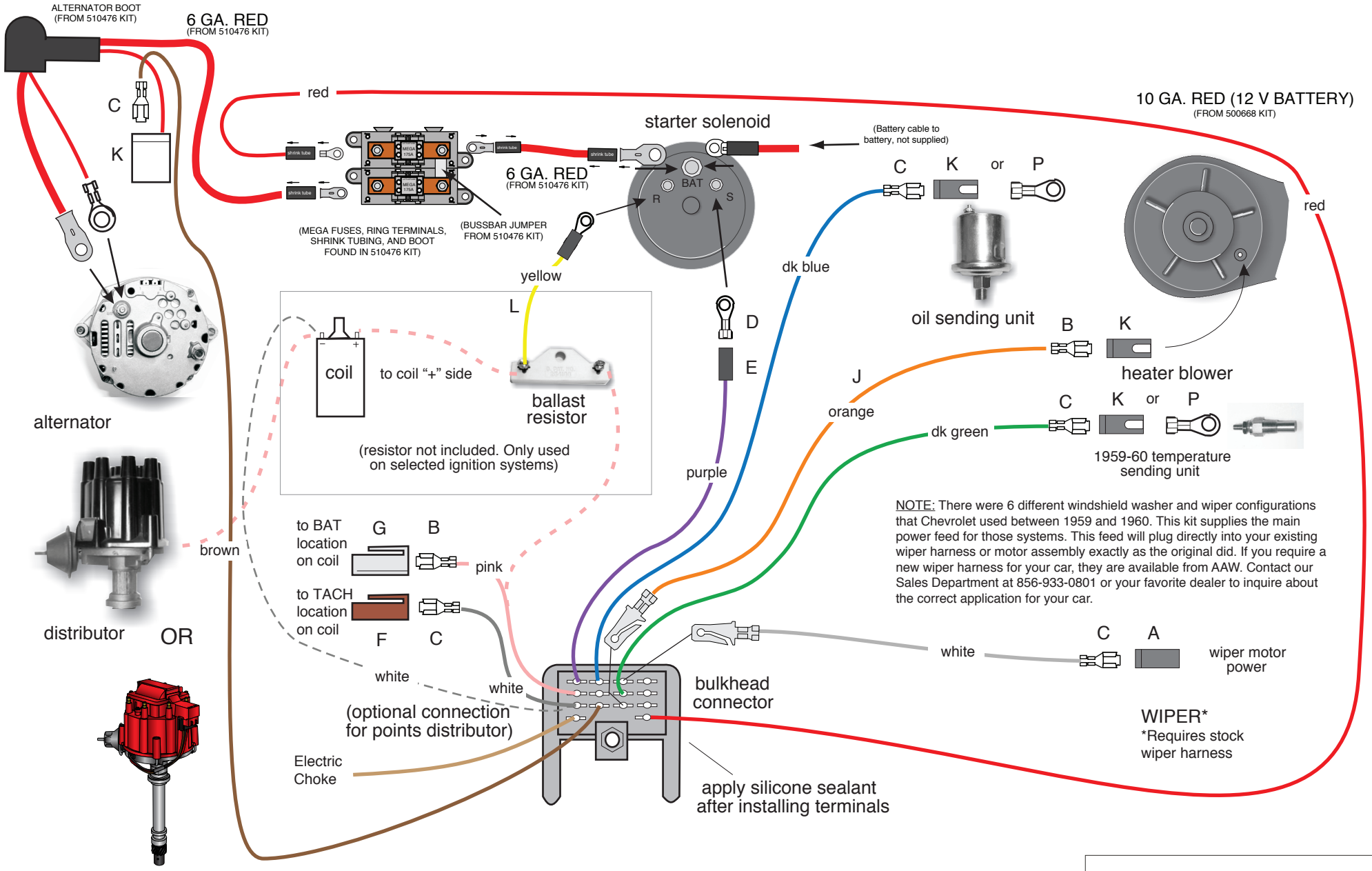




ENGINE KIT

510535

92972567 instruction rev 0.0 10/10/2019




NOTE: There were 6 different windshield washer and wiper configurations that Chevrolet used between 1959 and 1960. This kit supplies the main power feed for those systems. This feed will plug directly into your existing wiper harness or motor assembly exactly as the original did. If you require a new wiper harness for your car, they are available from AAW. Contact our Sales Department at 856-933-0801 or your favorite dealer to inquire about the correct application for your car.

# ENGINE KIT

# 510535

92972567 instruction rev 0.0 10/10/2019

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.

| | | |
|---|---|---|
| RED | 12 V BATTERY | Route this wire to the Megafuse and cut to length. Use ring terminal, shrink tubing from 510476 kit. Connect as shown on page 3. |
| PURPLE | STARTER SOLENOID | Route to the starter solenoid and cut to length. Install rubber sleeve E and ring terminal D. Connect to the “S” terminal on the solenoid. |
| PINK | 12 V IGNITION | If using an HEI distributor or after-market ignition system which requires a 12 volt feed:<br>Route the PINK wire to the coil and trim to length. Install terminal C and connector G, and plug into the distributor cap BAT location.<br>If using a points type ignition system which requires reduced voltage:<br>Route the PINK wire to the ignition feed side of a ballast resistor (not included). Connect a piece of left over PINK wire to the coil side of the ballast resistor and route to the distributor coil positive (+) side. |
| YELLOW | STARTER SOLENOID-R | (Used only with a points style ignition) Connect this loose piece YELLOW wire L to the R terminal on the starter and connect the other end to the coil side of the ballast resistor (not included) using terminal P. |
| RED | AMERICAN AUTOWIRE (heavy gauge) | Use the 6 ga red wire, boot, and ring terminal from the 510476, route from alternator to the Megafuse and cut to length. Connect as shown on page 3 of this instruction set and on the 92972153 (510476) instruction set. |
| RED | (no printing) | Send the ring terminal end of this pigtail H through boot (as shown on page 3) and connect to the battery stud on the alternator. Do not plug the connector into the alternator yet. The brown exciter wire will still need to be added to this connector before the connector is plugged in. |
| BROWN | ALTERNATOR IGN | Route this wire to the alternator and cut to length. Install terminal C and plug into the regulator connector<br>The regulator connector can now be plugged into the alternator. |
| WHITE | WIPER FEED | This is the 12 volt feed wire for the wipers. Plug this wire into the bulkhead connector in the location shown on sheet 3. Route this wire to the wiper motor, trim to length, install terminal C and plug into connector A. |
| TAN | ELECTRIC CHOKE | If you are using a carburetor with an electric choke, connect this wire to the electric choke connection. If you are not using an electric choke remove this wire from the engine bulkhead connector. |
| ORANGE | HEAT / AIR | If using a stock heater only system, route this wire J to the heater blower motor, cut to length, install terminal B and connector K. |
| 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 the coil. |
| DARK BLUE | OIL PRESSURE SENDER | Connect this wire to the oil pressure sending unit using terminal P or terminal C together with connector K. |
| DARK GREEN | WATER TEMP SENDER | Connect this wire to the temperature sending unit using terminal P or terminal C together with connector K. |

Once the main connector has had all of it’s wires plugged in, the connector cavities should be sealed with dielectric grease on the terminals. Also, to assure a moisture resistant seal, silicone can be applied to seal the outside of the connector.

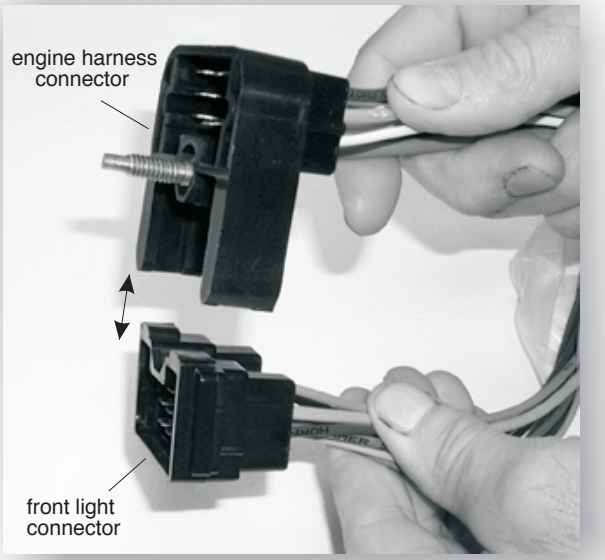
ENGINE KIT

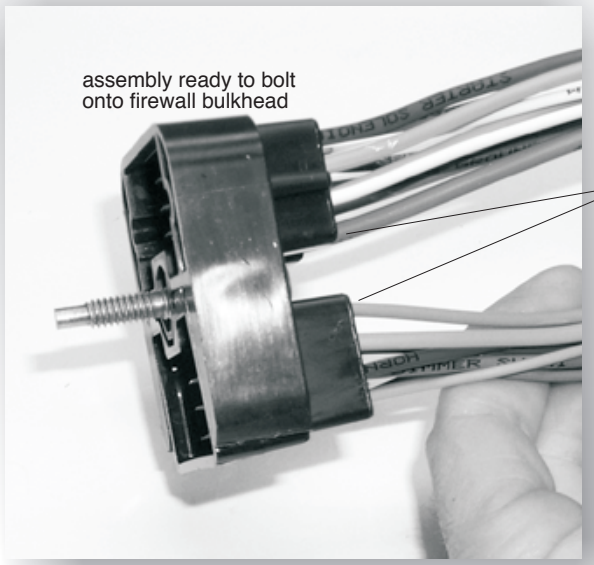
510535



92972567 instruction rev 0.0 10/10/2019

Classic Update Series




The bulkhead connector from this front light kit must snap into the mating engine connector (bag J), as shown. After snapping together, then bolt the assembly into the dash harness firewall connector using the attached bolt.

Look!

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

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Classic Update Series

bag L

# FRONT LIGHT KIT

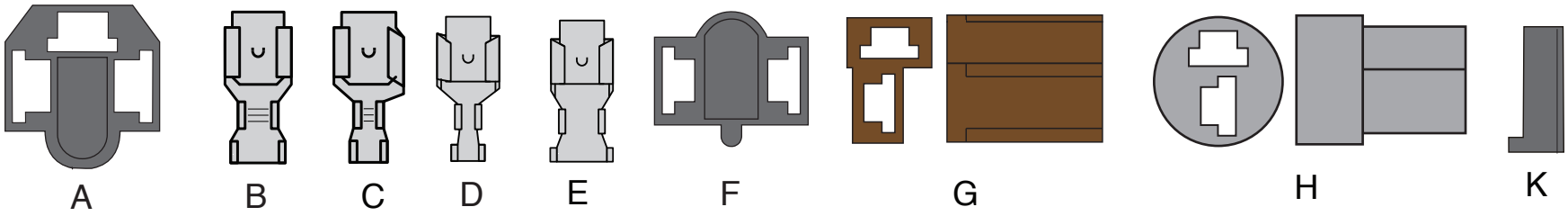
# 510536

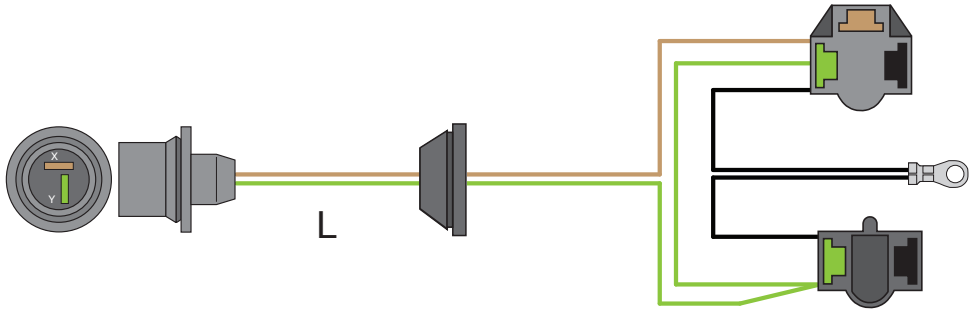
92972570 instruction rev 0.0 9/24/2019

Classic Update Series

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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Classic Update Series

FRONT LIGHT KIT

510536

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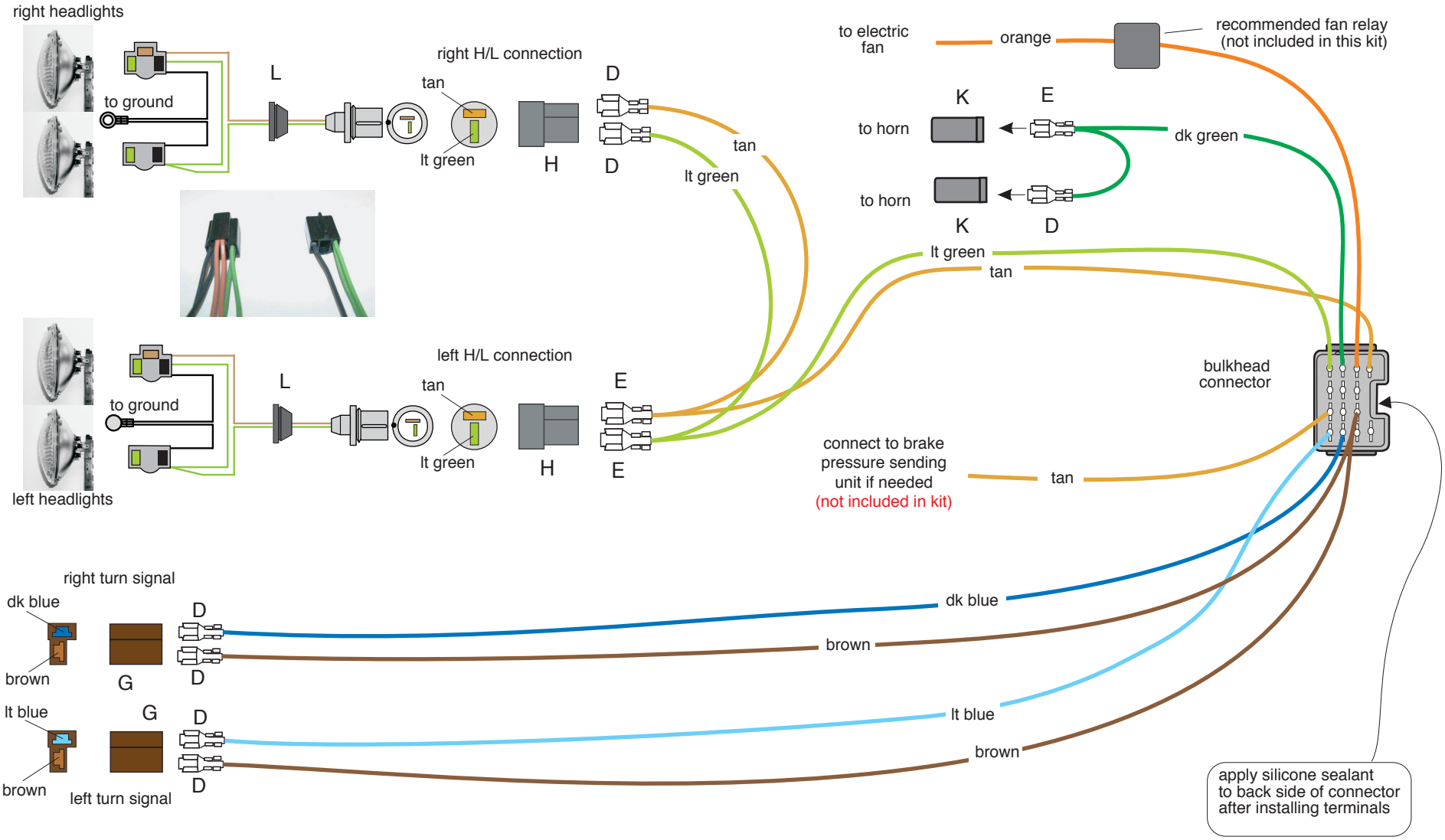


1959 Impala
Front Light

American Autowire

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Classic Update Series

FRONT LIGHT KIT

510536

92972570 instruction rev 0.0 9/24/2019

# 1959 IMPALA

Snap together the bulkhead connector from this kit and the bulkhead connector from the engine kit (bag J) then bolt them 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.

| | | |
|---|---|---|
| LIGHT BLUE | LEFT FRONT TURN | Route this wire to the left hand turn signal lamp connection in the left hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 3. |
| DARK BLUE | RIGHT FRONT TURN | Route this wire to the right hand turn signal lamp connection in the right hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 3. |
| BROWN | PARK LIGHTS | Route one of the brown wires to the left hand turn signal lamp connection in the left hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 3. Route the other brown wire to the right hand turn signal lamp connection in the right hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 3. |

All 59 Chevrolet models utilized a special headlamp bucket harness assembly. You will find 2 of these harness assemblies L in your front lighting kit. Install them thru your factory headlight buckets, ground them to the inside of the bucket assembly as original using the provided ring terminal, and install the molded end into the left hand and right hand inner fender panels. The following front light connections that you are about to create will plug into these molded ends at the inner fender panels completing the headlamp connections.

| | | |
|---|---|---|
| TAN | HEADLIGHT LOW BEAM | Route this wire to the driver side left hand headlight connection in the left hand inner fender panel, cut to length, double this wire with the cutoff portion, install terminal E, and plug this terminal into connector H in the location shown on sheet 3. Route the remaining portion of this TAN wire across the radiator core support to the passenger side right hand headlight connection in the right hand inner fender panel, cut to length, install terminal D, and plug this terminal into connector H in the location shown on sheet 3. |
| LIGHT GREEN | HEADLIGHT HIGH BEAM | Route this wire to the driver side left hand headlight connection in the Left hand inner fender panel, cut to length, double this wire with the cutoff portion, install terminal E, and plug this terminal into connector H in the location shown on sheet 3. Route the remaining portion of this LIGHT GREEN wire across the radiator core support to the passenger side right hand headlight connection in the ight hand inner fender panel, cut to length, install terminal D, and plug this terminal into connector H in the location shown on sheet 3. |
| DARK GREEN | HORN | Route to horns, cut to length, install terminals D & E, and plug into connectors L as shown on sheet 3. |
| ORANGE | ELECTRIC FAN | Route to electric fan or relay and connect per the manufacturer's instructions.<br>NOTE: We recommend that this wire be used as the trigger wire only for the electric fan relay. |
| TAN) | BRAKE LIGHT SWITCH | If your car is equipped with a brake warning system, plug this wire into the main connector as shown on sheet 3 and splice the other end onto your brake sender switch connection (brake switch connection not included in kit). |



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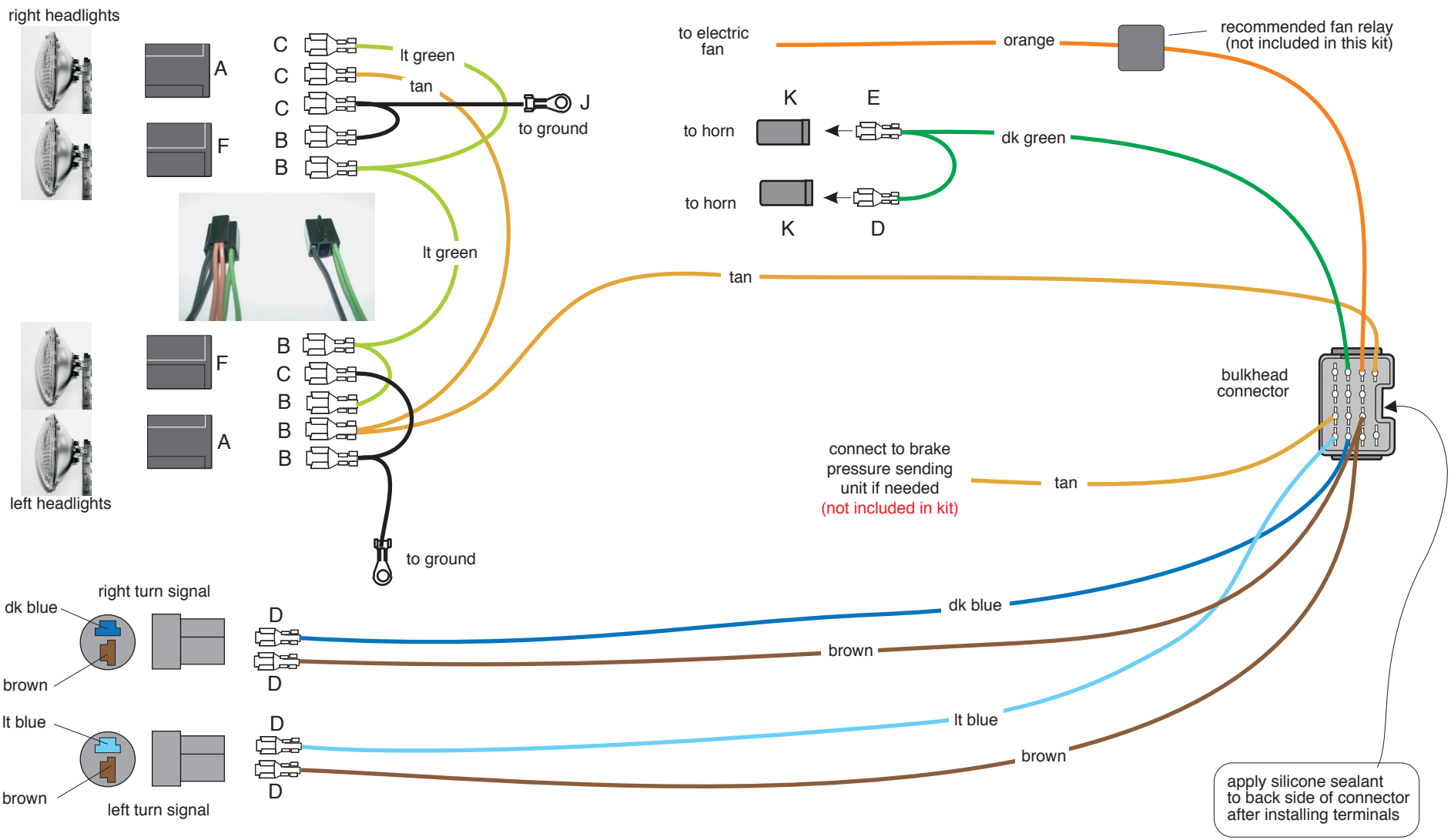
Classic Update Series




1960 Impala
Front Light

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Classic Update Series

FRONT LIGHT KIT

510536

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# 1960 IMPALA

Snap together the bulkhead connector from this kit and the bulkhead connector from the engine kit (bag J) then bolt them 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.

| | | |
|---|---|---|
| LIGHT BLUE | LEFT FRONT TURN | Route this wire to the left hand turn signal lamp connection in the left hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 5. |
| DARK BLUE | RIGHT FRONT TURN | Route this wire to the right hand turn signal lamp connection in the right hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 5. |
| BROWN | PARK LIGHTS | Route one of these wires to the left hand turn signal lamp connection in the left hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 5. Route the other brown wire to the right hand turn signal lamp connection in the right hand inner fender panel, cut to length, install terminal D and plug into connector G in the location shown on sheet 5. |
| TAN | HEADLIGHT LOW BEAM | Route this wire to the driver side outer headlight, trim to length, double this wire with the cutoff portion, install terminal B and plug into connector A in the location shown on sheet 5. Route the remaining portion of this TAN wire to the passenger side outer headlight, trim to length, install terminal C and plug into connector A as shown on sheet 5. |
| LIGHT GREEN | HEADLIGHT HIGH BEAM | Route this wire to the driver side outer headlight, trim to length, double this wire with the cutoff portion, install terminal B, plug this terminal into connector A, make a short jumper over to the driver side inner headlight, cut to length, double it with the cutoff portion, install terminal B, and plug it into connector F in the location shown on sheet 5. Route the remaining portion of this LIGHT GREEN wire to the passenger side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, plug into connector F, make a short jumper over to the passenger side outer headlight, cut to length, double it with the cutoff portion, install terminal C, and plug it into connector A in the location shown on sheet 5. |
| BLACK | GROUND | Attach the ring terminal to a good chassis ground then route this wire to the driver side outer headlight, trim to length, double this wire with the cutoff portion, install terminal B and plug this terminal into connector A. Route the remaining portion of this BLACK wire over to the driver side inner headlight, cut to length, install terminal C and plug it into connector F in the location shown on sheet 5. Repeat this process for the passenger side. |
| DK GREEN | HORN | Route to horns, cut to length, install terminals D & E, and lug into connectors L as shown on sheet 5. |
| ORANGE | ELECTRIC FAN | Route to electric fan or relay and connect per the manufacturer's instructions. NOTE: We recommend that this wire be used as the trigger wire only for the electric fan relay. |
| TAN | BRAKE LIGHT SWITCH | If your car is equipped with a brake warning system, plug this wire into the main connector as shown on sheet 5 and splice the other end onto your brake sender switch connection. (brake switch connection not included in kit). |



92972570 instruction rev 0.0 9/24/2019

Classic Update Series

*** These are special instructions for connecting your wiring system to a stock instrument cluster. ***

Note: If you are using after market gauges, follow the instructions on sheet 5 and the 92965220 Gauge Connection Kit along with the specific gauge manufacturers instructions for connection to their gauges. Connector C will only be used in the event that you are using an electric speedometer.

If you are using the stock gauges and warning lamps, refer to the diagrams for your application on the sheets 2-4. Use the enclosed parts and information below for wire termination, gauge, and lamp connections. Connectors A,B,C, and D will plug into your dash harness at locations 7, 11, and 19 as noted on the Dash Harness instruction (510534, bag G) sheet.

CONNECTOR A (sheet 2)

| | | |
|---|---|---|
| TAN | Brake Warning Lamp | Install components shown on the following sheets, and plug into the brake warning lamp hole in cluster. |
| DK BLUE | Oil Gauge / Lamp | Install components shown on the following sheets, and plug onto the oil gauge or into the warning lamp hole in cluster. |
| DK GREEN | Temp Gauge / Lamp | Install components shown on the following sheets, and plug onto the temperature gauge. |
| BROWN | Generator Lamp | This wire is used on warning lamp applications only. This wire is stamped "ALT-IGN". Plug loose wire into Connector A maintaining color continuity with the mating connector on your dash harness, install components shown on the following sheets, and plug into the generator (alternator) warning lamp hole in cluster. |
| PINK | 12v ignition | Install components shown on the following sheets, and connect to proper gauges or warning lights requiring a 12v ignition feed. |
| GREY | Instrument Lamps | Install components shown on the following sheets, and plug into the instrument lamp holes in the cluster. |
| BLACK | Ground | Connect to the back of the LH instrument cluster housing. |

CONNECTOR B (sheet 3)

| | | |
|---|---|---|
| DK BLUE | Right Turn Indicator | Install components shown on the following sheets, and plug into the right turn hole in cluster. |
| LT BLUE | Left Turn Indicator | Install components shown on the following sheets, and plug into the left turn hole in cluster. |
| LT GREEN | Hi Beam Indicator Lamp | Install components shown on the following sheets, and plug into the high beam hole in cluster. |
| PINK | 12v ignition | Install components shown on the following sheets, and connect to tach 12v ignition feed. |
| GREY | Instrument Lamps | Install components shown on the following sheets, and plug into the instrument lamp holes in the cluster and tach as needed. |
| BLACK | Ground | Connect to the back of the speedometer cluster housing and tach as needed. |
| WHITE | Tach (loose wire) | If your car is equipped with a tach, plug this loose wire into Connector B maintaining color continuity with the mating connector on your dash harness, install components shown on the followining sheets, and plug onto the tachometer. |

CONNECTOR C (sheet4)

This connector is used when using an aftermarket electronic speedometer only. Follow the manufacturer's instructions when installing these wires. If you are using the stock speedometer, then discard this connector. See page 4 for wire descriptions and typical connections.

| | | |
|---|---|---|
| TAN | Fuel Gauge | Install components shown on the following sheets, and plug onto the fuel gauge. |
| YELLOW | Clock Battery Feed | If your car is equipped with a clock, plug this loose wire into Connector D maintaining color continuity with the mating connector on your dash harness, install components shown on the followining sheets, and plug onto the clock assembly. |
| PINK | 12v ignition | Install components shown on the following sheets, and connect to proper gauges or warning lights requiring a 12v ignition feed. |
| GREY | Instrument Lamps | Install components shown on the following sheets, and plug into the instrument lamp holes in the cluster. |
| BLACK | Ground | Connect to the back of the RH instrument cluster housing. |

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Classic Update Series

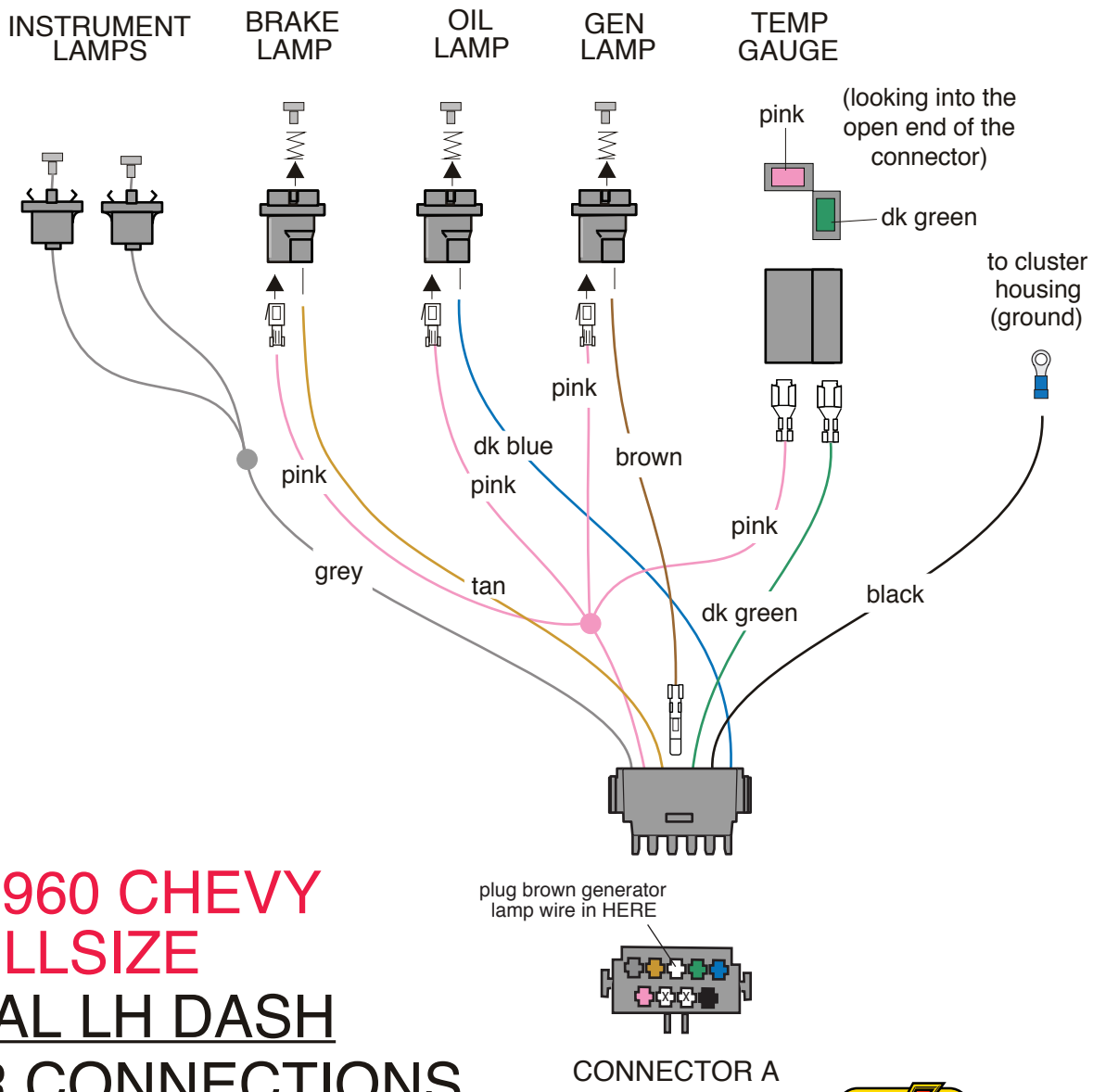
bag H

# INSTRUMENT CLUSTER KIT 1959-60 IMPALA

# 510763

92972741 instruction rev 1.0 1/22/2021

Classic Update Series




# 1959-1960 CHEVY FULLSIZE TYPICAL LH DASH CLUSTER CONNECTIONS

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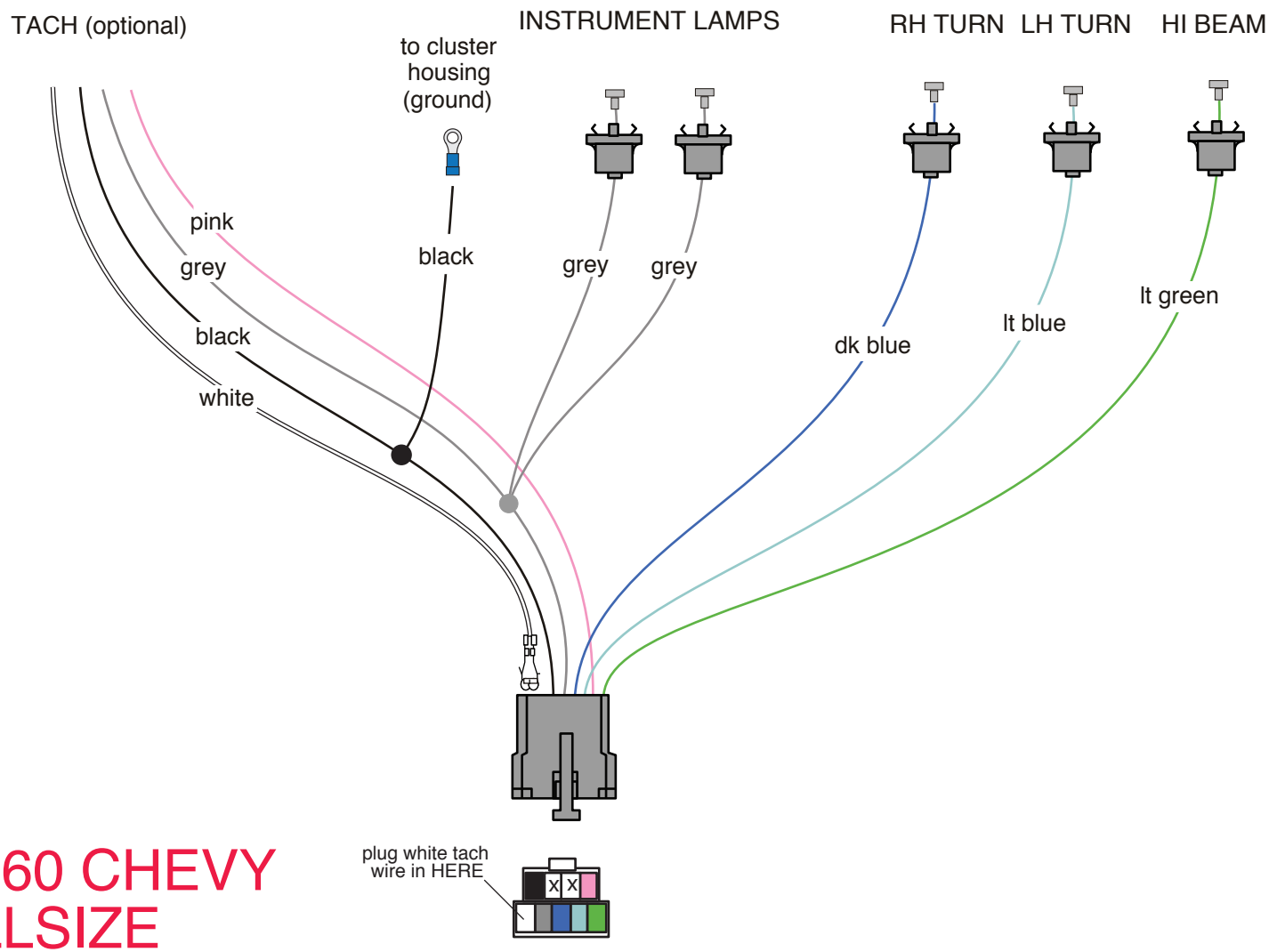


# 1959-1960 CHEVY FULLSIZE
# TYPICAL SPEEDOMETER CLUSTER CONNECTIONS

CONNECTOR B

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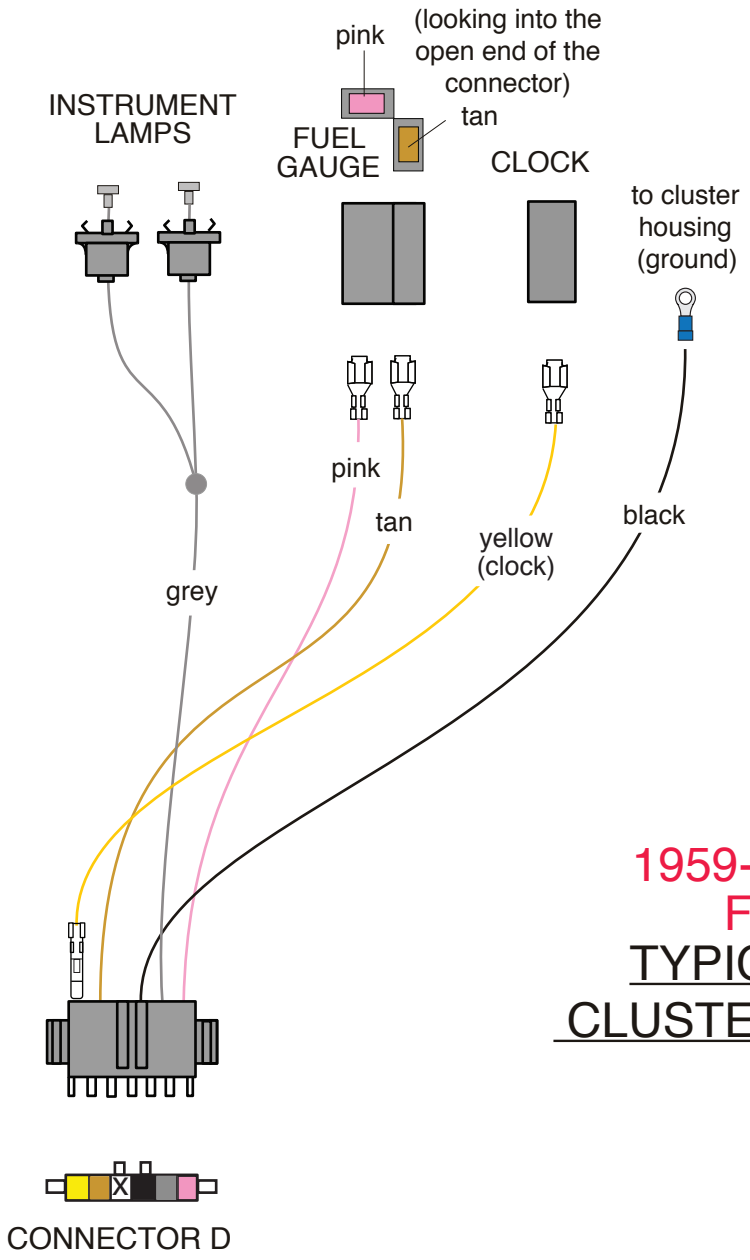


# 1959-1960 CHEVY FULLSIZE TYPICAL RH DASH CLUSTER CONNECTIONS

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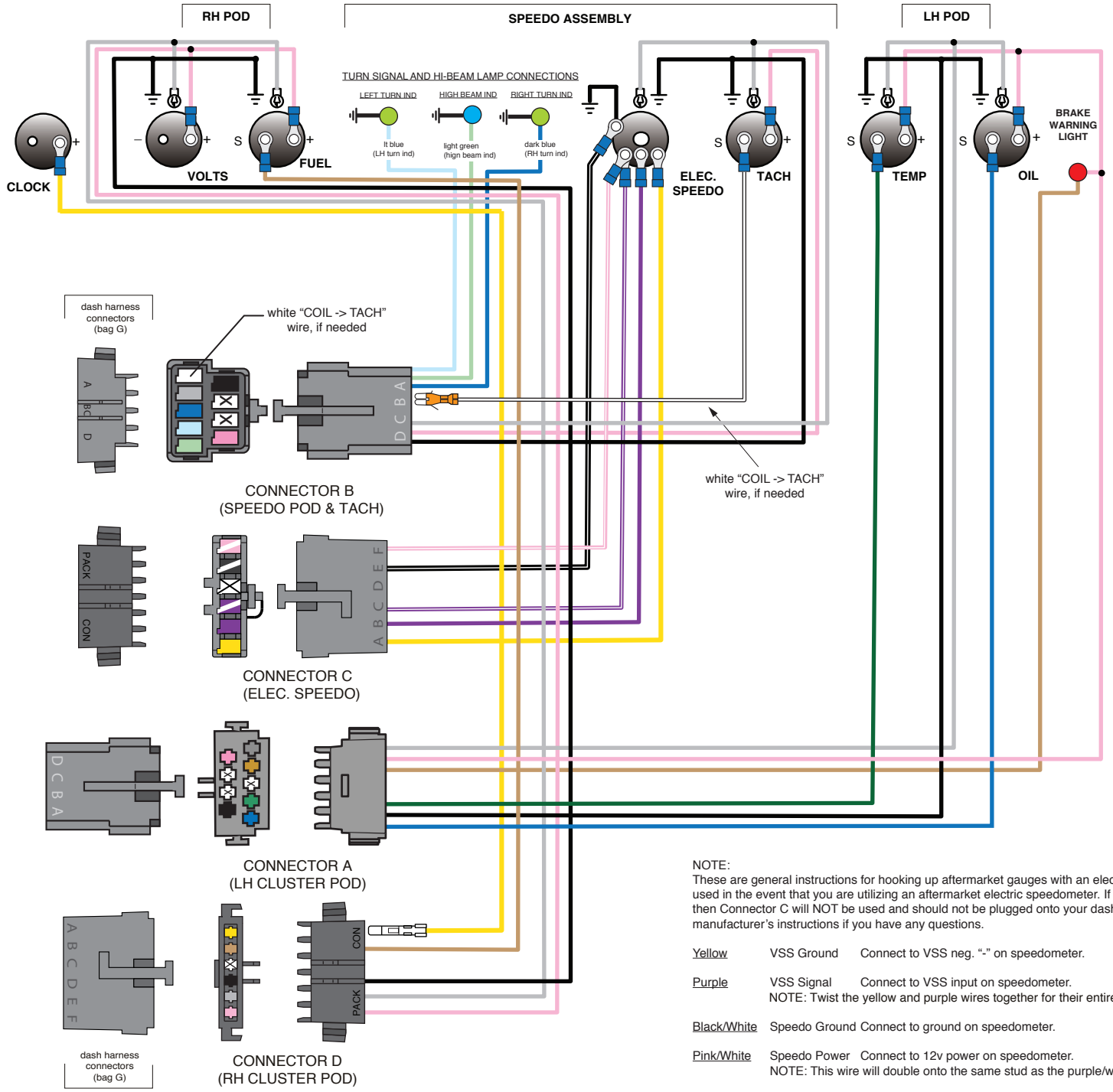
# Gauge Cluster harness (aftermarket gauges) installation instructions:

Classic Update Series

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NOTE:
These are general instructions for hooking up aftermarket gauges with an electric speedometer. Connector (C) will ONLY be used in the event that you are utilizing an aftermarket electric speedometer. If your car does NOT have an electric speedometer, then Connector C 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. NOTE: Twist the yellow and purple wires together for their entire length to prevent interference. |
| 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. |



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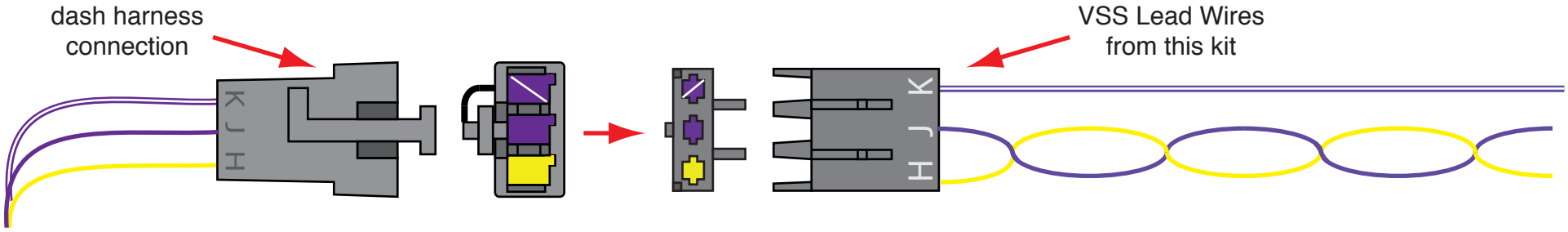
# Electric Speedo VSS extension connection:




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.

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bag V

VSS LEAD WIRES

Various Applications

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510730

92972371 Rev 0.0 4/9/2019

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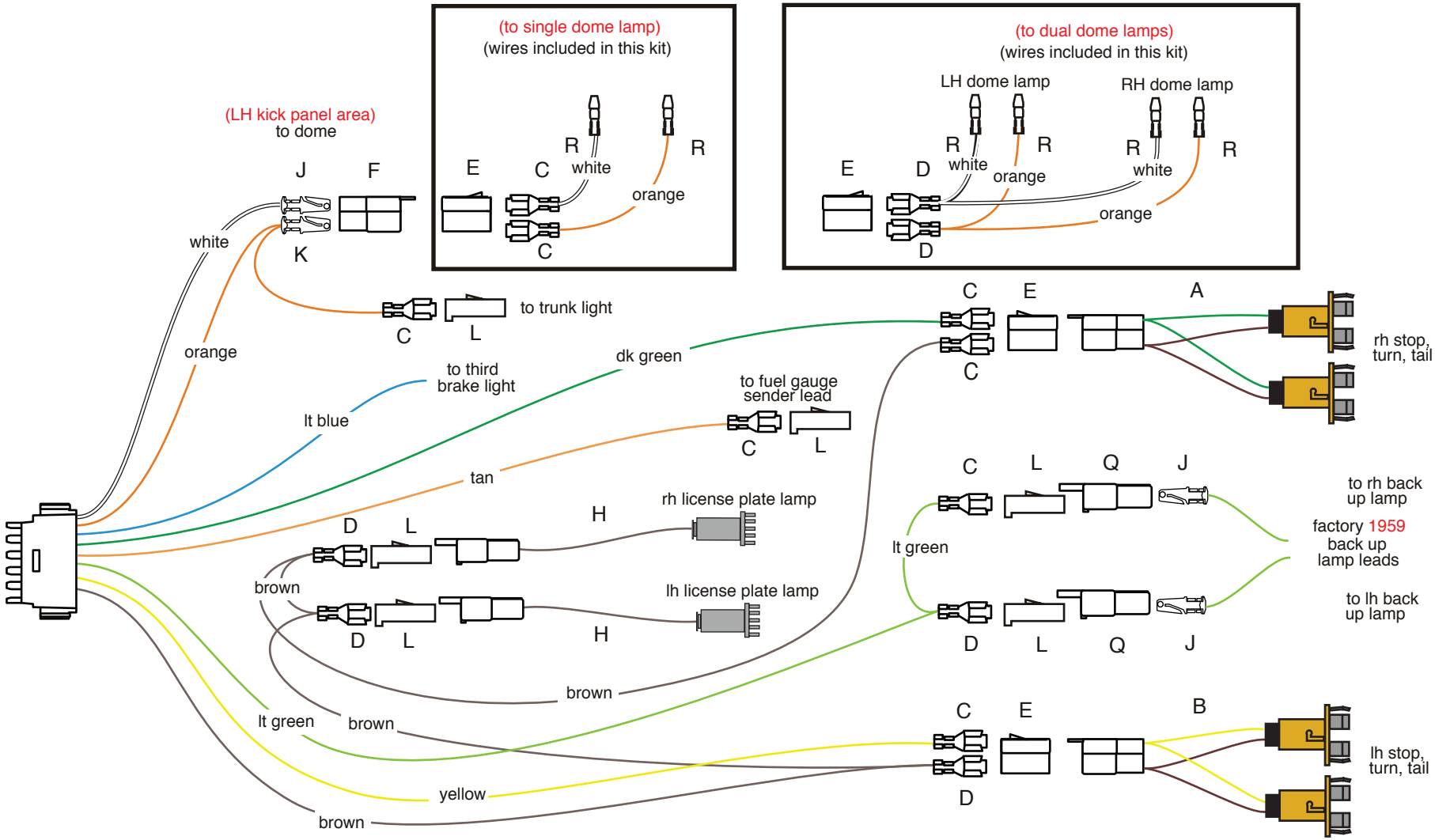


1959 Impala, Bel Air
and Biscayne

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Classic Update Series

bag M

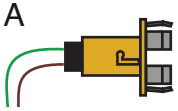
# 1959-60 Impala
# REAR BODY KIT
# 510762

92972738 instruction rev 0.0 12/30/2019

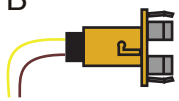
# 1959 Impala, Bel Air, and Biscayne (See sheet 1)

Classic Update Series

Connect the main connector to the mating connector on the dash harness 510219 bag G. Route this harness down the driver's door sill & into the trunk.

A 

| | | |
|---|---|---|
| LIGHT BLUE | Third brake light | Connect to the third brake lamp, if equipped. |
| TAN | Fuel Tank Sender | Route this wire to the rear of the car close to the exit hole in the trunk floor then down to the fuel tank sender, install terminal C and connector L onto the wire, then plug the assembled connector lead onto the sending unit to complete the fuel tank sender connection. |

B 

Note: Two new license lamp leads H have been provided for you. Plug these onto connectors L in the following rear body assembly instructions to complete your two license lamp connections. New Stop/Tail lamp pigtails B and A (yellow and brown for LH driver's side, and green and brown for RH passenger's side) have been provided for you as well. Simply plug them onto connectors E in the following assembly instructions to complete your stop and tail lamp connections.

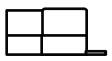
C 

D 

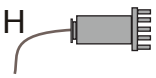
| | | |
|---|---|---|
| BROWN | Running lamps | Route this wire to the LH tail lamp, cut to length, double this wire with the cut off portion, install terminal D and plug into connector E in the location shown on sheet 1. Route the loose end of this brown wire to the LH license lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this brown wire to the RH license lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this brown wire to the RH tail lamp area, cut to length, install terminal C and plug into connector E in the location shown on sheet 1. |
| YELLOW | LH Stop / Tail | Route this wire to the LH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug LH pigtail B (yellow and brown wires) from above onto this connection to complete the LH stop, turn, and tail circuits. |

E 

| | | |
|---|---|---|
| DK GREEN | RH Stop / Tail | Route this wire to the RH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug RH pigtail A (green and brown wires) from above onto this connection to complete the RH stop, turn, and tail circuits. |

F 

| | | |
|---|---|---|
| LIGHT GREEN | Back up lamp feed | Route this wire to the LH back up lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this lt green wire over to the RH back up lamp area, cut to length, install terminal C and plug into connector L as shown on sheet 1. Plug your factory assembled back up lamps onto connectors L from above as shown on sheet 1 to complete your two back up lamp connections. New terminals J and connectors Q have been provided in the event that the original ends from your back up lamps have been damaged. |

H 

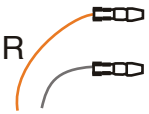
| | | |
|---|---|---|
| WHITE | Courtesy ground | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches, install terminal J, and plug into connector F as shown on page 1. Use the remaining white wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and G for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. |

J 

K 

| | | |
|---|---|---|
| ORANGE | Courtesy Lamp Feed | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches. Double this wire with the cut off portion using terminal K, and plug into connector F containing the white wire as shown on page 1. Route the loose end of this wire to the left rear trunk hinge area of the trunk, install terminal C and connector L creating your trunk lamp feed. Use the remaining orange wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and R and connector E for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. (Note: Your completed dome extension will plug into connector F in the LH kick panel area to complete your dome lamp connections) |

L 

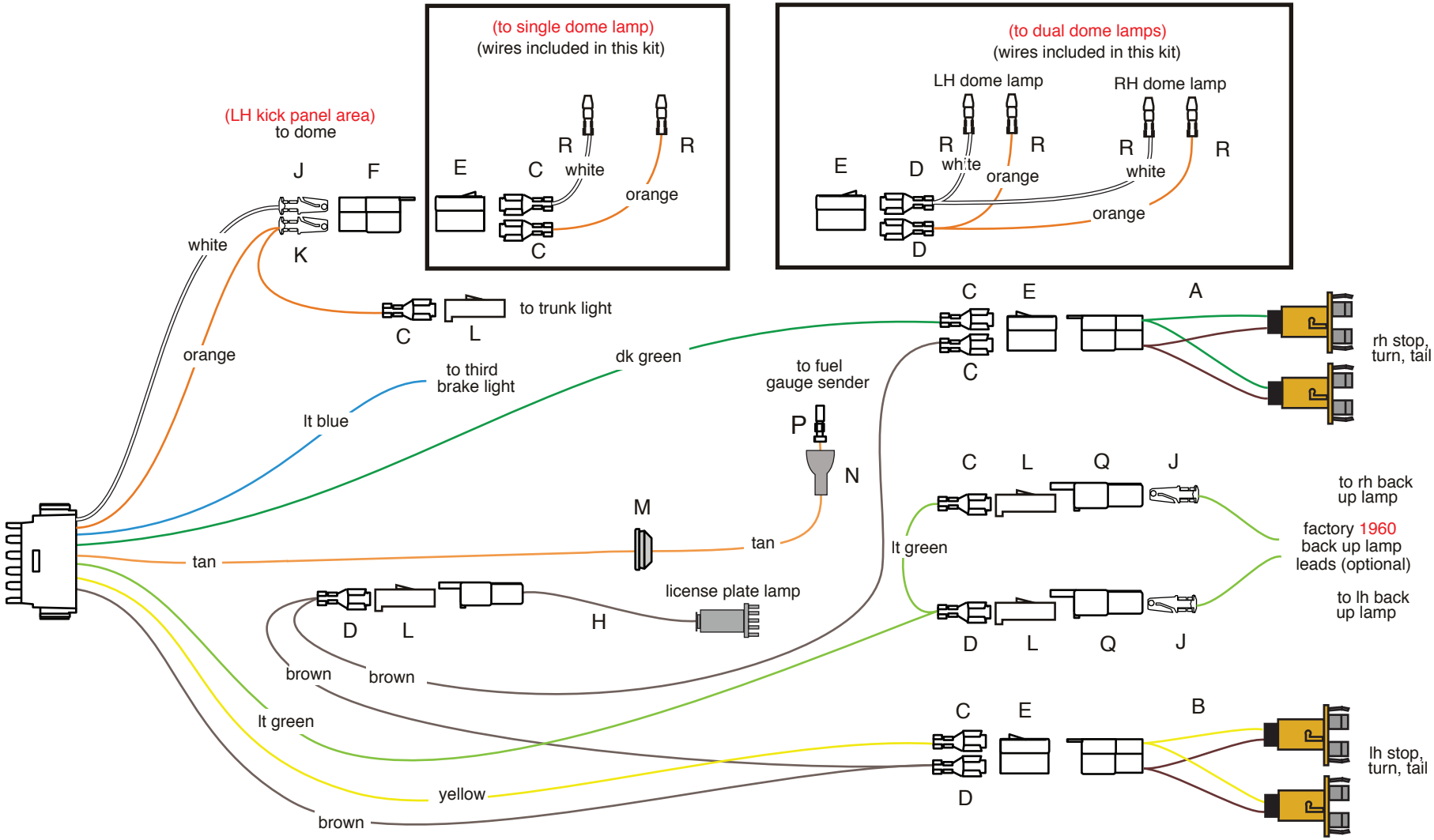
R 

Q 



92972738 instruction rev 0.0 12/30/2019

Classic Update Series




1960 Bel Air
and Biscayne

American Autowire

www.americanautowire.com 856-933-0801

Classic Update Series

bag M

1959-60 Impala

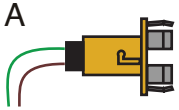
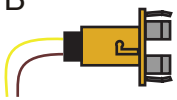
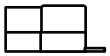
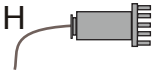
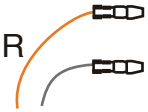
REAR BODY KIT

510762

92972738 instruction rev 0.0 12/30/2019

# 1960 Bel Air and Biscayne (See sheet 3)

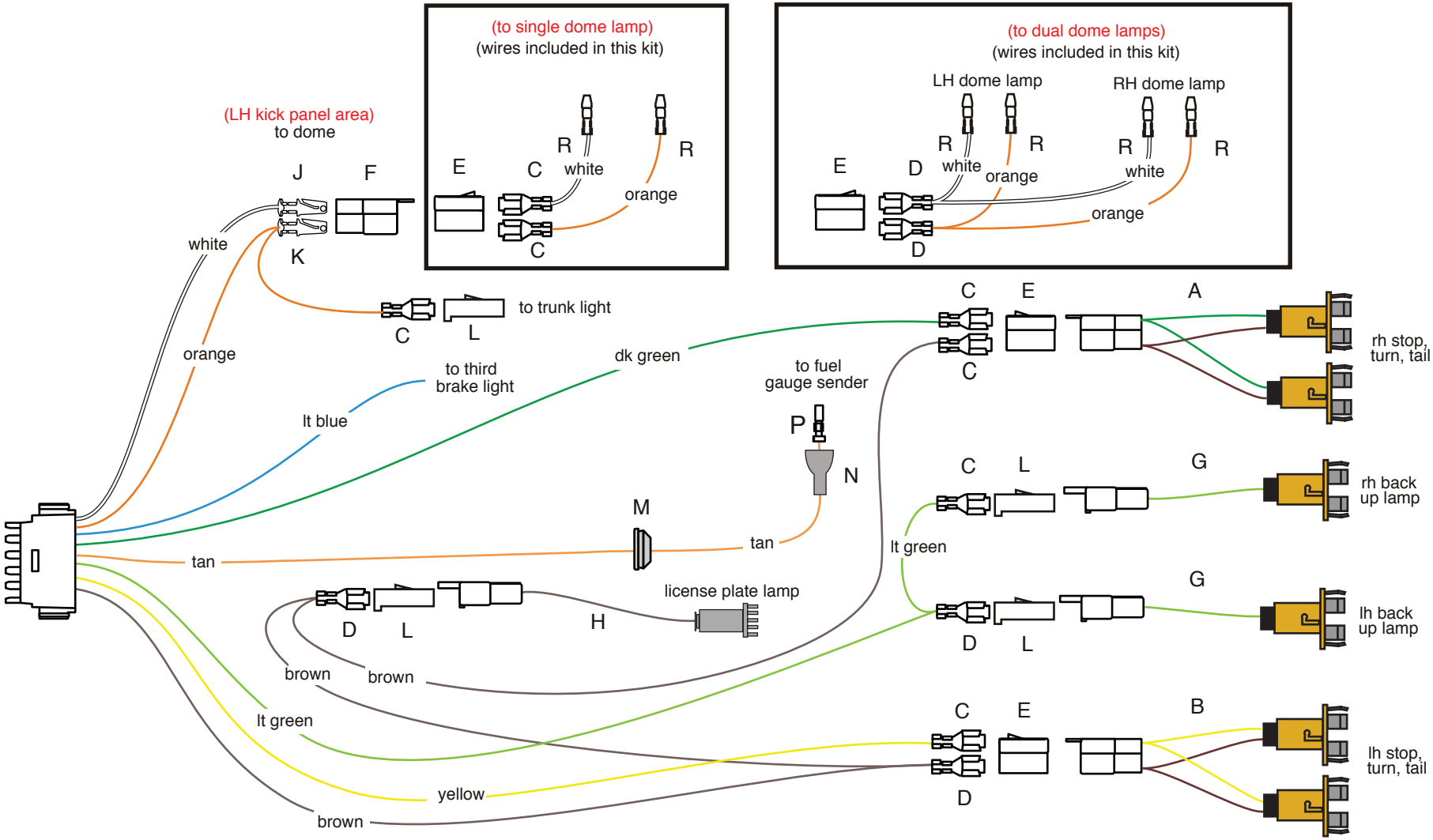
Connect the main connector to the mating connector on the dash harness 510219 bag G. Route this harness down the driver's door sill & into the trunk.

| | | | |
|---|---|---|---|
| A  | LIGHT BLUE | Third brake light | Connect to the third brake lamp, if equipped. |
| B  | TAN | Fuel Tank Sender | Route this wire to the rear of the car close to the exit hole in the trunk floor, slide the wire through grommet M and rubber sender connector N then down to the fuel tank sender, install terminal P (be sure you have a very tight crimp on this terminal) and pull the wire and terminal up inside of rubber connector N, then plug the assembled connector lead onto the sending unit to complete the fuel tank sender connection. |
| | | | Note: A new license lamp lead H has been provided for you. Plug this onto connector L in the following rear body assembly instructions to complete your license lamp connection. New Stop/Tail lamp pigtails B and A (yellow and brown for LH driver's side, and green and brown for RH passenger's side) have been provided for you as well. Simply plug them onto connectors E in the following assembly instructions to complete your stop and tail lamp connections. |
| C  | BROWN | Running lamps | Route this wire to the LH tail lamp, cut to length, double this wire with the cut off portion, install terminal D and plug into connector E in the location shown on sheet 1. Route the loose end of this brown wire to the license lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this brown wire to the RH tail lamp area, cut to length, install terminal C and plug into connector E in the location shown on sheet 1. |
| D  | | | |
| E  | YELLOW | LH Stop / Tail | Route this wire to the LH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug LH pigtail B (yellow and brown wires) from above onto this connection to complete the LH stop, turn, and tail circuits. |
| F  | DK GREEN | RH Stop / Tail | Route this wire to the RH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug RH pigtail A (green and brown wires) from above onto this connection to complete the RH stop, turn, and tail circuits. |
| H  | LIGHT GREEN | Back up lamp feed | Route this wire to the LH back up lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this lt green wire over to the RH back up lamp area, cut to length, install terminal C and plug into connector L as shown on sheet 1. Plug your factory assembled back up lamps onto connectors L from above as shown on sheet 1 to complete your two back up lamp connections. New terminals J and connectors Q have been provided in the event that the original ends from your back up lamps have been damaged. |
| J  | | | |
| K  | WHITE | Courtesy ground | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches, install terminal J, and plug into connector F as shown on page 1. Use the remaining white wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and G for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. |
| L  | | | |
| M  | ORANGE | Courtesy Lamp Feed | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches. Double this wire with the cut off portion using terminal K, and plug into connector F containing the white wire as shown on page 1. Route the loose end of this wire to the left rear trunk hinge area of the trunk, install terminal C and connector L creating your trunk lamp feed. Use the remaining orange wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and R and connector E for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. (Note: Your completed dome extension will plug into connector F in the LH kick panel area to complete your dome lamp connections) |
| N  | | | |
| P  | | | |
| R  | | | |
| Q  | | | |



92972738 instruction rev 0.0 12/30/2019

Classic Update Series




1960 IMPALA

American Autowire

www.americanautowire.com 856-933-0801

Classic Update Series

bag M

59-60 IMPALA

REAR BODY KIT

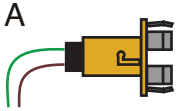
510762

92972738 instruction rev 0.0 12/30/2019

# 1960 Impala (See sheet 5)

Connect the main connector to the mating connector on the dash harness 510219 bag G. Route this harness down the driver's door sill & into the trunk.

A



| | | |
|---|---|---|
| LIGHT BLUE | Third brake light | Connect to the third brake lamp, if equipped. |
| TAN | Fuel Tank Sender | Route this wire to the rear of the car close to the exit hole in the trunk floor, slide the wire through grommet M and rubber sender connector N then down to the fuel tank sender, install terminal P (be sure you have a very tight crimp on this terminal) and pull the wire and terminal up inside of rubber connector N, then plug the assembled connector lead onto the sending unit to complete the fuel tank sender connection. |

B

Note: A new license lamp lead H has been provided for you. Plug this onto connector L in the following rear body assembly instructions to complete your license lamp connection. New Stop/Tail lamp pigtails B and A (yellow and brown for LH driver's side, and green and brown for RH passenger's side) have been provided for you as well. Simply plug them onto connectors E in the following assembly instructions to complete your stop and tail lamp connections.

C

D

| | | |
|---|---|---|
| BROWN | Running lamps | Route this wire to the LH tail lamp, cut to length, double this wire with the cut off portion, install terminal D and plug into connector E in the location shown on sheet 1. Route the loose end of this brown wire to the license lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this brown wire to the RH tail lamp area, cut to length, install terminal C and plug into connector E in the location shown on sheet 1. |
| YELLOW | LH Stop / Tail | Route this wire to the LH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug LH pigtail B (yellow and brown wires) from above onto this connection to complete the LH stop, turn, and tail circuits. |

E

| | | |
|---|---|---|
| DK GREEN | RH Stop / Tail | Route this wire to the RH tail lamp area, cut to length, install terminal C and plug into the empty cavity of connector E as shown on sheet 1. Plug RH pigtail A (green and brown wires) from above onto this connection to complete the RH stop, turn, and tail circuits. |

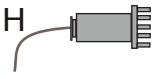
F

Note: Two new Back Up lamp pigtails G have been provided for you. Plug these onto connectors L in the following rear body assembly instructions to complete your two back up lamp connections.

G

| | | |
|---|---|---|
| LIGHT GREEN | Back up lamp feed | Route this wire to the LH back up lamp area, cut to length, double this wire with the cut off portion, install terminal D and plug into connector L as shown on sheet 1. Route the loose end of this lt green wire over to the RH back up lamp area, cut to length, install terminal C and plug into connector L as shown on sheet 1. Plug the new back up lamp pigtails from above onto these 2 connections to complete your back up lamp circuits. |

H



| | | |
|---|---|---|
| WHITE | Courtesy ground | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches, install terminal J, and plug into connector F as shown on page 1. Use the remaining white wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and G for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. |

J

K

| | | |
|---|---|---|
| ORANGE | Courtesy Lamp Feed | If you are using a dome lamp, at the driver's side kick panel area, trim this wire to a length of 10 inches. Double this wire with the cut off portion using terminal K, and plug into connector F containing the white wire as shown on page 1. Route the loose end of this wire to the left rear trunk hinge area of the trunk, install terminal C and connector L creating your trunk lamp feed. Use the remaining orange wire to create a dome lamp harness using terminals C and R and connector E for sedan models, or terminals D and R and connector E for hardtop models as shown on page 1. Be sure to maintain color continuity between connectors E and F. (Note: Your completed dome extension will plug into connector F in the LH kick panel area to complete your dome lamp connections) |

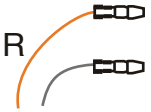
L

M

N

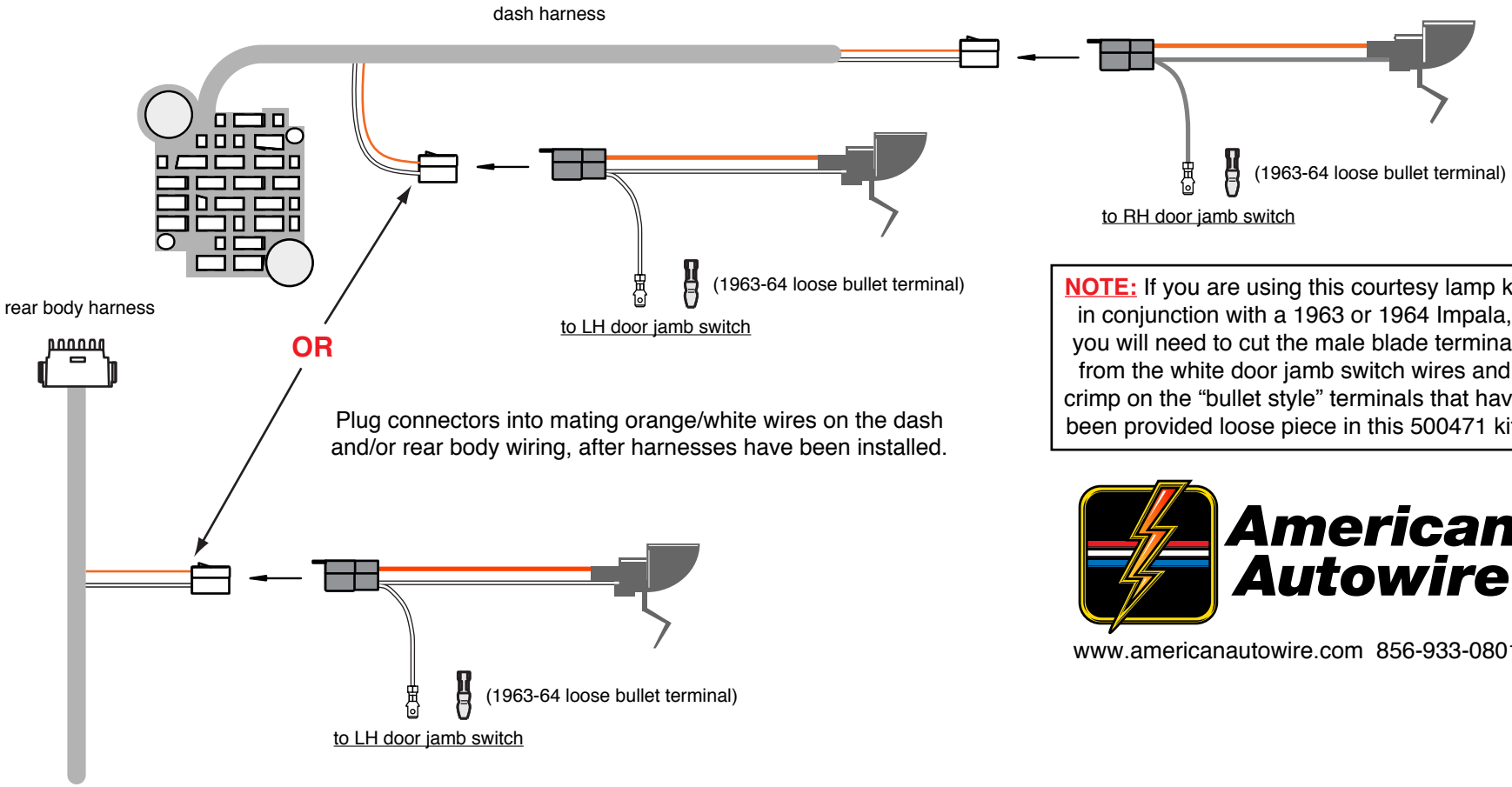
P

R





92972738 instruction rev 0.0 12/30/2019




Plug connectors into mating orange/white wires on the dash and/or rear body wiring, after harnesses have been installed.

**NOTE:** If you are using this courtesy lamp kit in conjunction with a 1963 or 1964 Impala, you will need to cut the male blade terminal from the white door jamb switch wires and crimp on the "bullet style" terminals that have been provided loose piece in this 500471 kit.

American Autowire

www.americanautowire.com 856-933-0801

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

PART # 500471 N

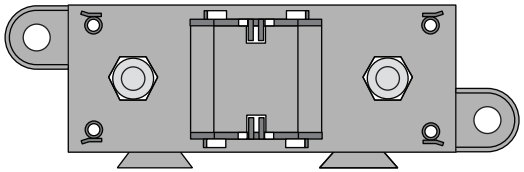
DESCRIPTION:

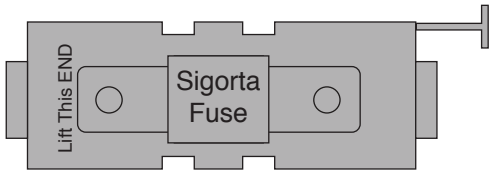
Courtesy Lamp Kit

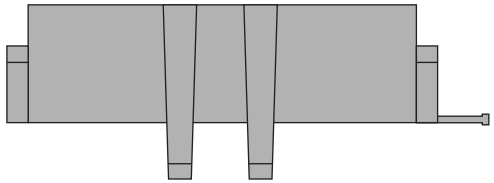
92965219 Rev 3.0 12/20/2019

A  (1)

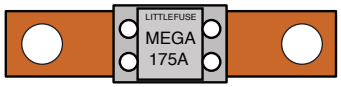
(144.0” 6 Gauge charge wire)

B  (2)



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

C 

(2)

(175 amp Megafuse)

D  (1)

(Megafuse jumper)

E  (1)

(Alternator boot)

F  (1)

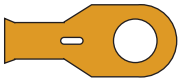
(cut into six 1.0” pieces)

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.

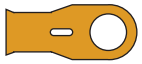
2. On page 2, you will find directions for building the 2 Megafuse assemblies (items B,C and D) into one unit.

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.

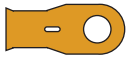
4. On page 4, you will find tips on building your charging circuit wires and assembling them and the main panel power feed wire to the Megafuse assembles.

G  (2)

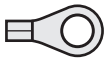
(6Ga. starter ring terminal)

H  (3)

(6Ga. megafuse terminal)

J  (2)

(6Ga. alternator terminal)

K  (2)

(10Ga. megafuse terminal)

American Autowire

www.americanautowire.com 856-933-0801

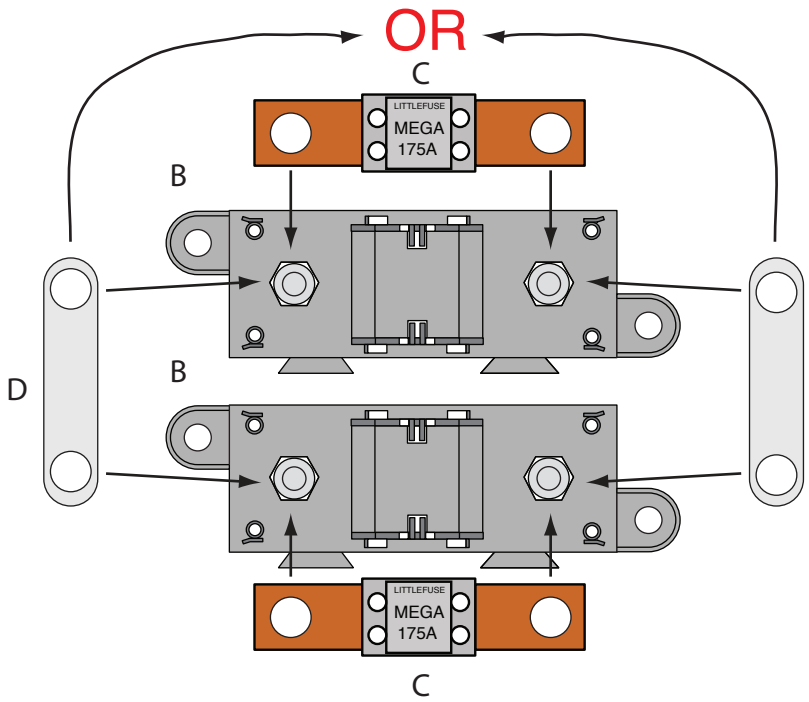
PART #

510476 Z

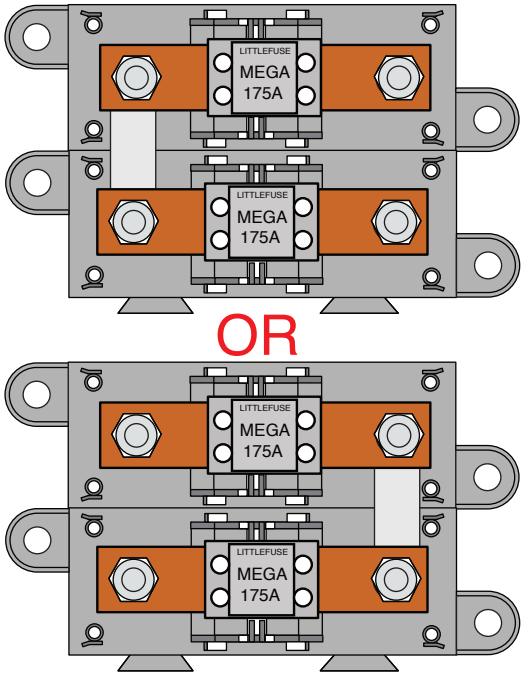
DESCRIPTION:

Alternator and Main Power Connection Kit Various Applications

92972153 instruction sheet rev 0.1 6/24/2019




## Assembling the (2) Megafuse assemblies




## Assembled Megafuses

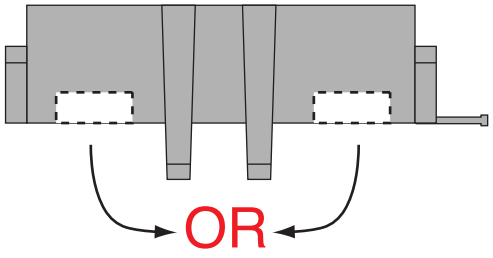
NOTE: Find a suitable place, as close to the battery power source as possible, under the hood of the your vehicle to mount the completed Megafuse assemblies. Keep in mind that you have 12 feet of 6Ga. charging wire, and that the main power feed coming from your panel or bulkhead connection must also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




## Notched Cover

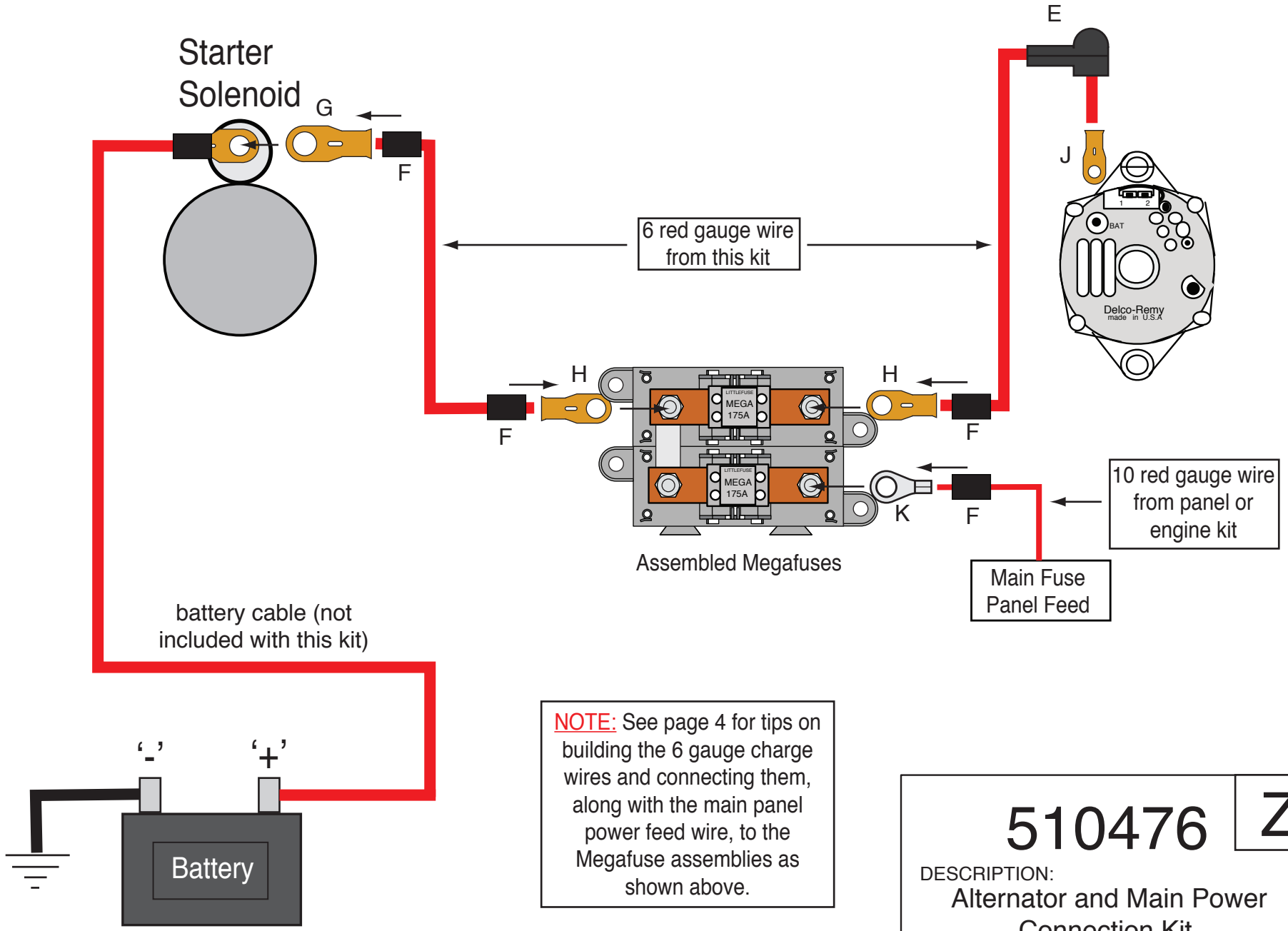
PART #

510476 Z

DESCRIPTION:

Alternator and Main Power Connection Kit Various Applications

92972153 instruction sheet rev 0.1 6/24/2019




NOTE: See page 4 for tips on building the 6 gauge charge wires and connecting them, along with the main panel power feed wire, to the Megafuse assemblies as shown above.

# 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.

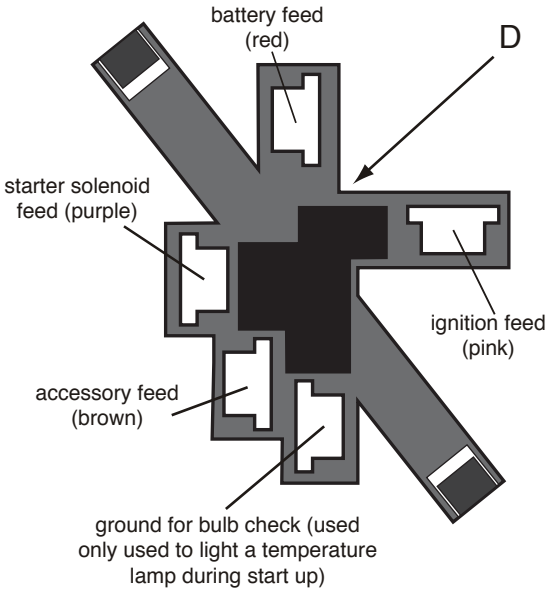
4. Take the 10Ga. red main power feed wire from your engine or panel sub-kit and route it over to the area where you have mounted your Megafuse and cut it to length. Strip the insulation back 3/8”. Install 1 piece of shrink tubing F onto the wire, then crimp and solder (1) of terminal K onto the wire.

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.

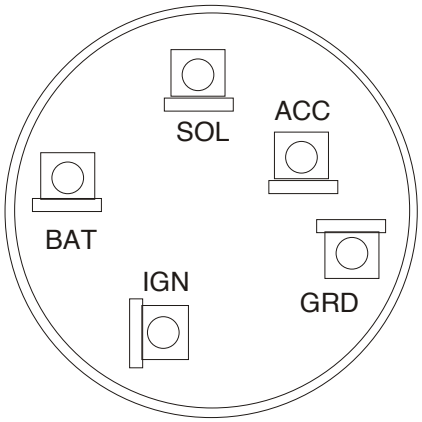
510476 Z

DESCRIPTION:
Alternator and Main Power Connection Kit
Various Applications

92972153 instruction sheet rev 0.1 6/24/2019




NOTE: New terminals are provided if needed.



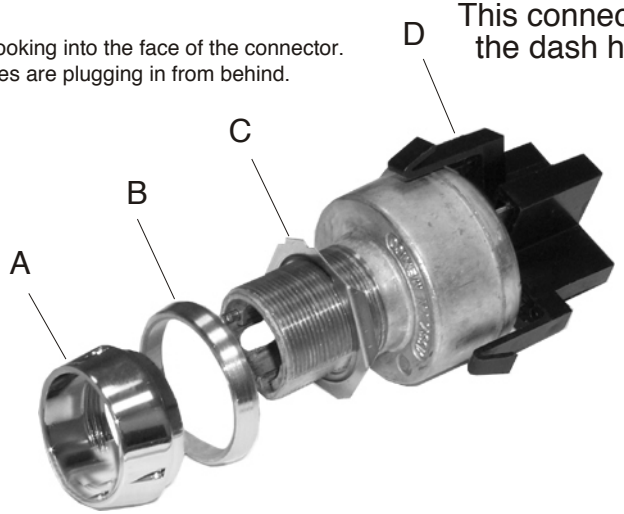

INSTALLATION:

NOTE: The instruction sheet packaged with this switch shows a copper lamp holder bracket. That bracket is not used in this application and it's installation can be ignored.

1. Due to the nature of the chrome plating on threaded collar A, AAW recommends threading the nut on and off of the switch by hand a few times to clean up the threads before installing the switch into your dash.
2. Plug in connector D from the dash wiring harness (bag G).
3. Install the back-up nut C onto the switch. The depth of this nut will have to be determined when mounting the switch.
4. Insert the switch into the hole in the dash panel.
5. Install your original dash bezel plate.
6. Slide on collar B.
7. Screw on threaded collar A
8. Insert your original or New AAW lock cylinder into the new switch to complete your installation.

NOTE: Looking into the face of the connector. Wires are plugging in from behind.

This connector is on the dash harness




NOTE: AAW has new lock cylinders with the correct GM style keys for your new 510632 ignition switch. Check below for your vehicle's correct application.

AAW P/N 500672 (with finger guard):

500423 - 1955-56 Chevy car
500434 - 1957 Chevy car
500481 - 1955-59 Chevy Truck
510217 - 1959-60 Chevy Impala
510063 - 1961-64 Chevy Impala
510267 - 1953-62 Chevy Corvette

AAW P/N 500674 (smooth face):

500467 - 1947-55 Chevy Truck
500560 - 1960-66 Chevy truck
510360 - 1965 Chevy Impala
510372 - 1966-68 Chevy Impala

NOTE: Please keep in mind that this is an upgraded switch, not an original replacement, and as such, the flat side on this switch may be in a different location than was your original. If you mount this new AAW switch in your dash and the flat side is in fact in a different location, the key may not line up as the original did. This will not alter the performance of the switch in any way. If you wish for your key to line up as it did in the OEM application, you will need to file out the flat spot in your original dash opening so that the switch can be rotated to the correct position. Once the backing nut C is set so that the depth of the switch is correct for your application, and bezel nut A is firmly tightened, the switch will be secure and will not rotate.

American Autowire

www.americanautowire.com 856-933-0801

# IGNITION SWITCH

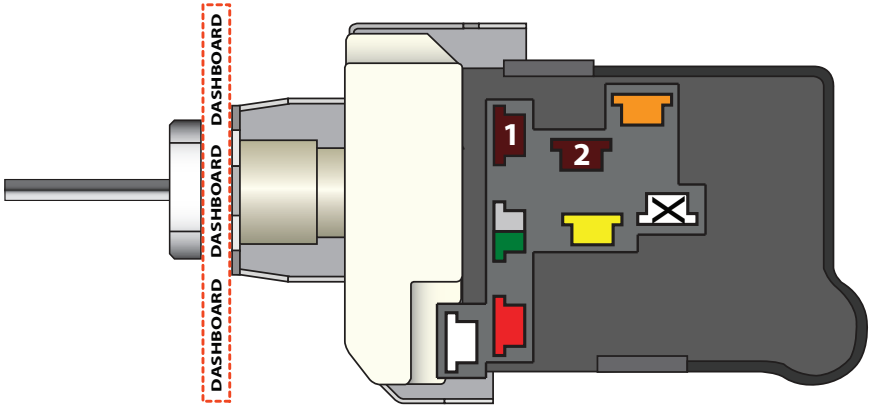
Classic Update Series

VARIOUS APPLICATIONS

# 510632

92972596 instruction rev 0.0 10/8/2019

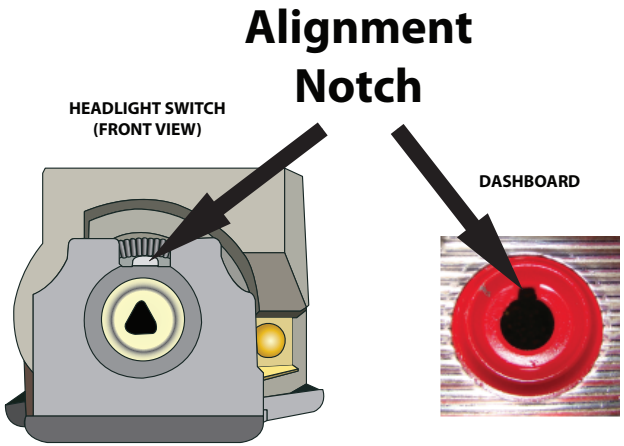
Most switches supplied with Classic Update and Universal Kits ship with the shaft pre-installed. In many instances, the switch can be installed without removing the shaft, but in some cases the switch shaft may need to be trimmed to fit your specific dash. In this situation, reference Trim to Fit instructions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




| | |
|---|---|
| 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 |

## 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.



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PART #

# 500332

DESCRIPTION:

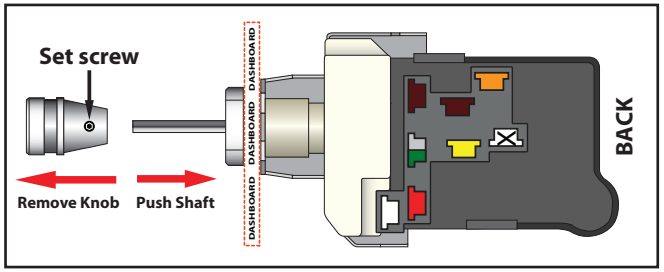
Headlight Switch

92964649 Rev 3.0 1/10/2020

## To Trim Shaft to Fit or Remove Shaft:

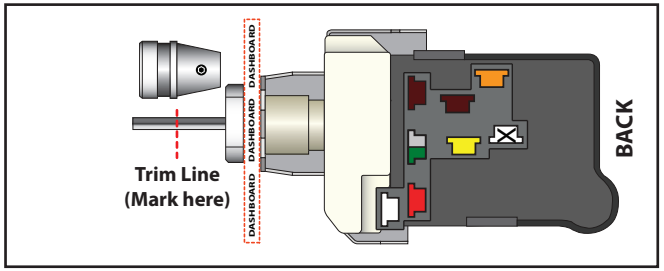
The headlight shaft knob should extend from the face of the mounting nut, and must allow enough clearance for the switch to turn off. If the shaft is longer than necessary for your specific dash it can be trimmed to fit. Always trim the knob end of the shaft only and follow the guidelines below for best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

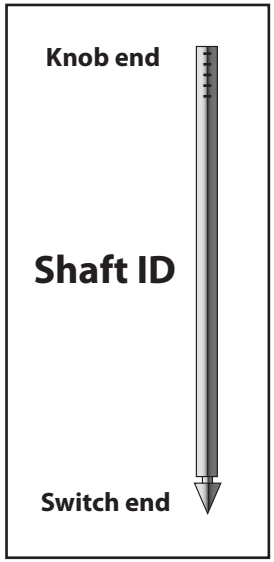
**1.** With the headlight switch installed, loosen the set screw and remove the knob. Make sure the switch is in the "off" position by pushing the shaft toward the back of the switch.



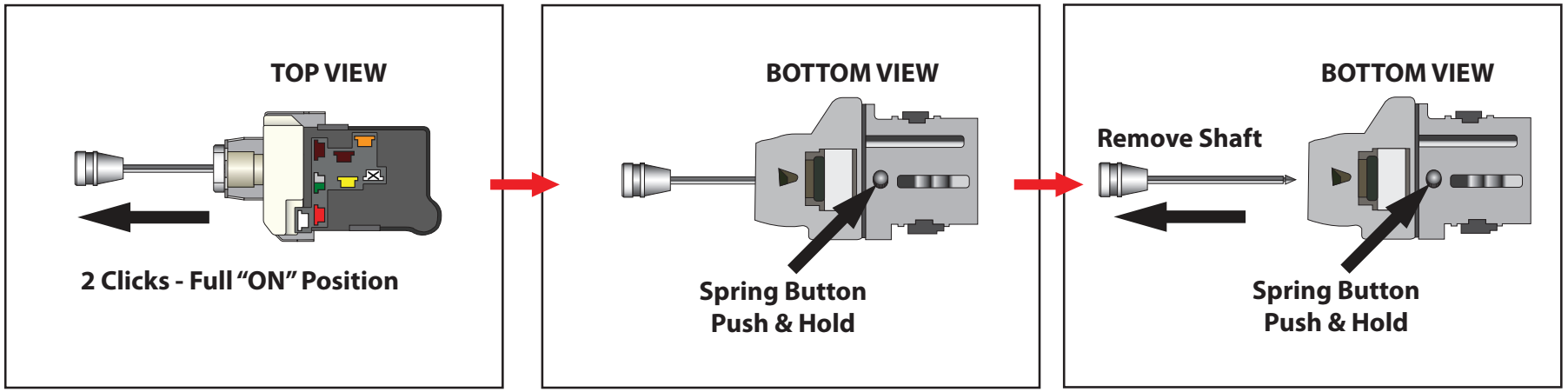

**Switch in OFF position**
**(shaft pushed all the way in)**

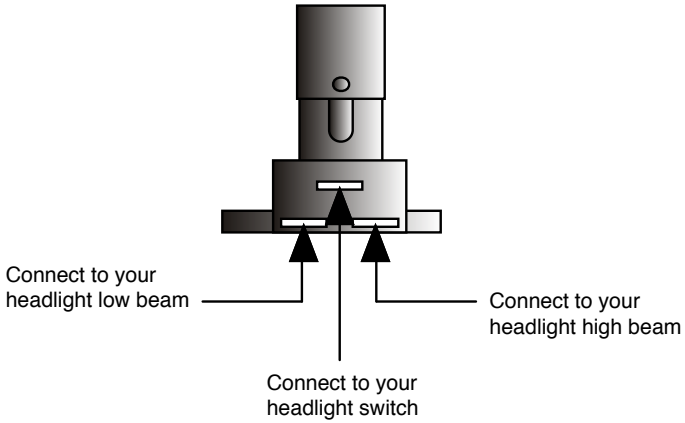
**2.** Set knob alongside shaft and mark the desired location for cutting on the shaft.




**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.






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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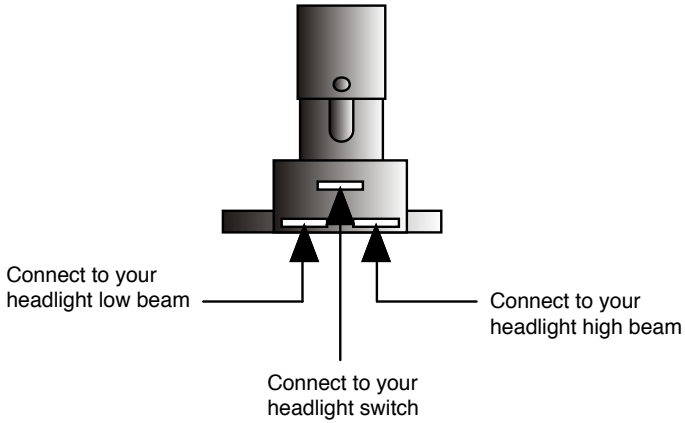
PART #

500042

DESCRIPTION:

DIMMER SWITCH

92964573 Rev 3.1 12/5/2014

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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