

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 connector (bag J), as shown. After snapping together, bolt the assembly into the dash harness firewall connector using the attached bolt.

OPTIONAL Add-On Equipment:

Look!



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



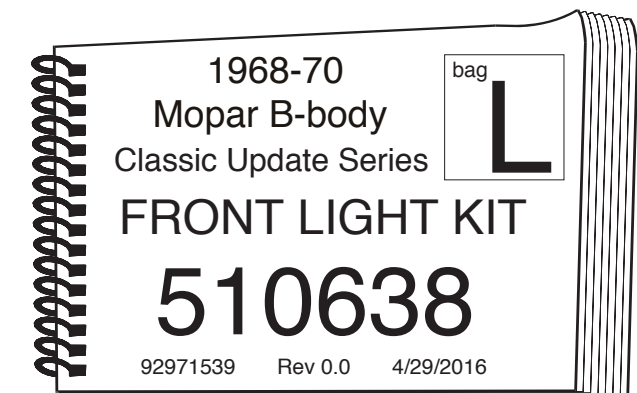
500093
Weatherproof
Universal
Relay Kit



500479
Universal
Relay Kit



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Optional Wire to be plugged into the Bulkhead Connector

If you will be installing an optional Electric Fan in your Engine Compartment, plug the loose orange “ELECTRIC FAN” wire (circuit 300) into your 14-way Bulkhead Connector (see page 5).

Temporarily plug the Front Light Harness 14-way Bulkhead Connector into the mating Bulkhead Connector of the Dash Harness (located in the center of the Firewall) before routing and connecting any of the wires. The Front Light Harness Bulkhead Connector will need to be removed from the Dash Harness Bulkhead Connector later after routing and attaching all of the wires and will be snapped into the Engine Harness Bulkhead Connector (see page 1).

Preparing the Parking Light Assemblies

Park/Turn Light Socket and Pigtail Assemblies

For all vehicles you will use your original Park/Turn Light Socket and Pigtail Assemblies but will have to replace the original 2-way molded pigtail connector (see page 5) with a 2-way connector “H” and terminals “J” from the Loose Parts Kit 92971540. Cut the original connector from the pigtail and crimp on a terminal “J” to each wire. Plug these wires into connector “H” (see page 5). Note that the wire function/colors/ are as follows:
 Turn Signal - black/green (Mopar) to blue (AAW),
 Park Lights - black/yellow (Mopar) to brown (AAW),

Side Marker Light Socket and Pigtail Assemblies

For the 1968 and 1970 vehicles you will replace your original Side Marker Assembly with the Side Marker Assembly Pigtail “R”.

Standard Wires already plugged into the Bulkhead Connector

1. Wiper Motor

These four wires (brown, red, dark green, dark blue) come from the Front Light Bulkhead connector and are already plugged into a 4-way connector in your Front Light Harness (see page 5). This 4-way connector will connect to the Wiper Motor pigtail. Obtain the 4-way mating connector “N” and four terminals “D” in the Loose Piece Kit 92971540. Cut the four Wiper Motor wires (brown, red, dark green and dark blue) from the original Wiper Motor pigtail 8-way connector. Note that these wires are all next to each other on one side of the 8-way connector and that there may be extra wires in the 8-way connector, but these will not be used. Crimp on terminal “D” to each of the four wires and plug into connector “N”. Maintain color continuity (brown to brown, blue to blue, red to red and green to green) when you plug the wires in connector “N”. The 2-speed Wiper Motors have a Jumper Harness attached (available from the Aftermarket) and the 3-speed Wiper Motors have a pigtail.

2. Brake Warning Switch

This tan “BRAKE LIGHTS/SWITCH” wire (circuit 33) comes from the Bulkhead Connector and has a molded 1-way right angle black connector at the other end. Route this wire to your Brake Warning Switch, which is attached to your Brake Pressure Differential Switch, and plug the molded connector to the switch.

<u>Wire Color</u>	<u>Printing</u>	<u>Wire Number</u>
Tan	BRAKE LIGHTS/SWITCH	33

Park/Turn Light Connections

3. Park Light/Side Marker Light Wire Connections

For the left hand (LH) Park Light/Side Marker Light connections obtain the shorter brown “PARK LIGHTS” wire (circuit 9A) from the Front Light Harness and route the loose end of this wire to the left Park/Turn Signal Light pigtail and cut to length. Crimp on terminal “D”, and plug into the 2-way connector “F”. If you have a Side Marker Light, double this brown wire with the cutoff portion, crimp on terminal “E” and plug into connector “F”. Route the loose end to the LH Side Marker Light and cut to length, crimp on terminal “Q” and plug into the 2-way connector “P” (as shown on page 5).
 For the right hand (RH) Park Light/Side Marker Light connections repeat the process with the longer brown “PARK LIGHTS” wire (circuit 9B).

<u>Wire Color</u>	<u>Printing</u>	<u>Wire Number</u>
Brown	PARK LIGHTS	9A (shorter wire)
Brown	PARK LIGHTS	9B (longer wire)

4. LH Turn Light Wire Connections

With Hood Mounted Turn Signal Indicators

Obtain the light blue “LEFT FRONT TURN” wire (circuit 14) and route the loose end of the wire to the original Hood Light Harness 2-way connector. Cut to length and double this wire with the light blue wire that was just cut. Crimp on female terminal “E” and plug into connector “F” (as shown on page 5). Continue routing the light blue wire to the LH Park/Turn Signal Light pigtail and cut to length. Crimp on terminal “D” and plug into the 2-way connector “F”.

With Fender Mounted Turn Signal Indicators

Obtain the light blue “LEFT FRONT TURN” wire (circuit 14) and route the loose end of the wire to the LH Park/Turn Signal Light pigtail and cut to length, double this light blue wire with the cutoff portion, crimp on terminal “E” and insert into connector “F”. Route the loose end of the light blue wire to the LH Fender Mounted Turn Signal Indicator pigtail and cut to length, slide on sleeve “L”, and crimp on terminal “K”.

Without Hood or Fender Mounted Turn Signal Indicators.

Obtain the light blue “LEFT FRONT TURN” wire (circuit 14) and route the loose end of the wire to the LH Park/Turn Signal Light pigtail and cut to length, crimp on terminal “E” and insert into connector “F”.

<u>Wire Color</u>	<u>Printing</u>	<u>Wire Number</u>
Light Blue	LEFT FRONT TURN	14

5. RH Turn Light Wire Connections

With Hood Mounted Turn Signal Indicators

Obtain the dark blue "RIGHT FRONT TURN" wire (circuit 15) and route the loose end of the wire to the original Hood Light Harness 2-way connector. Cut to length and double this wire with the dark blue wire that was just cut. Crimp on female terminal "E" and plug into connector "F" (as shown on page 5). Continue routing the dark blue wire to the RH Park/Turn Signal Light pigtail and cut to length. Crimp on terminal "D" and plug into the 2-way connector "F".

With Fender Mounted Turn Signal Indicators

Obtain the dark blue "RIGHT FRONT TURN" wire (circuit 15) and route the loose end of the wire to the RH Park/Turn Signal Light pigtail and cut to length, double this dark blue wire with the cutoff portion, crimp on terminal "E" and insert into connector "F". Route the loose end of the dark blue wire to the RH Fender Mounted Turn Signal Indicator pigtail and cut to length, slide on sleeve "L", and crimp on terminal "K".

Without Hood or Fender Mounted Turn Signal Indicators.

Obtain the dark blue "RIGHT FRONT TURN" wire (circuit 15) and route the loose end of the wire to the RH Park/Turn Signal Light pigtail and cut to length, crimp on terminal "E" and insert into connector "F".

Wire Color	Printing	Wire Number
Dark Blue	RIGHT FRONT TURN	15

Front Headlamp Connections

6. Low Beam Headlight Wire Connections

Obtain the tan "HEADLIGHT-LOW BEAM" wire (circuit 12) and route the loose end of the wire to the LH Low Beam Headlamp (see page 5), cut to length, double with the wire that was just cut off, crimp on the large terminal "B", and insert into the Low Beam Headlight Pigtail "A" from Loose Parts Kit 92971540. Route the loose tan wire to the RH Low Beam Headlamp, cut to length, crimp on the large terminal "C" and insert into the other Low Beam Headlight Pigtail "A".

Wire Color	Printing	Wire Number
Tan	HEADLIGHT-LOW BEAM	12

7. High Beam Headlight Wire Connections

Obtain the light green "HEADLIGHT-HI BEAM" wire (circuit 11) and route the loose end of the wire to the LH Low Beam Headlamp (see page 5), cut to length, double with the wire that was just cut off, crimp on the large terminal "B", and insert into the Low Beam Headlight Pigtail "A" from the Loose Parts Kit 92971540. Route the loose light green wire to the LH High Beam Headlight, cut to length, double with the wire that was just cut off, crimp on terminal "B" and insert into the LH High Beam Headlight 2-way connector "G". Route the light green wire to the RH side and repeat the process for the RH High and Low Beam Headlights. When there is only one wire in the terminal, you will crimp on terminal "C".

Wire Color	Printing	Wire Number
Light Green	HEADLIGHT-HI BEAM	11

8. Ground Wire Connections

Each Low Beam Headlight Pigtail "A", has a black "GROUND" wire (circuits 150A and 150B) with a ground ring terminal and also has an un-terminated ground wire (circuits 150C and 150D) doubled with 150A and 150B wires in each 3-way Head Light connector (see page 5). Locate a good ground location for each ring terminal and attach each ring terminal to a good ground. Obtain the un-terminated black wire and route the loose end of this wire to the 2-way High Beam Headlight Connector "G", cut to length, double with the cut off portion, crimp on terminal "B" and plug terminal "B" into Connector "G". Route the cutoff portion to the Side Marker Assembly (1968 and 1970 only), cut to length, crimp on terminal "Q" and plug into the 2-way Side Marker connector "P". Repeat the process for the opposite side.

Wire Color	Printing	Wire Number
Black	GROUND	150A
Black	GROUND	150B
Black	GROUND	150C
Black	GROUND	150D

Horn Wire Connections

9. Horn Wire Connections

Obtain the dark green "HORN" wire (circuit 29) and route the loose end of the wire along with the Front Lighting wires to the Horns, cut to length, double this dark green wire with the cutoff portion, crimp on terminal "E" and plug into connector "M". Connect to the first Horn. Route the loose end of the dark green wire to the second Horn and cut to length, crimp on terminal "D" and plug into connector "M". You can now connect this to the second Horn.

Wire Color	Printing	Wire Number
Dark Green	HORN	29

Washer Pump Connection

10. Washer Pump Connection

Obtain the tan no printing wire (circuit 94) and route it with the Front Light wires to the Electric Washer Pump. This wire is the feed wire for the Electric Washer Pump.

Wire Color	Printing	Wire Number
Tan	no printing	94

Electric Fan Connection

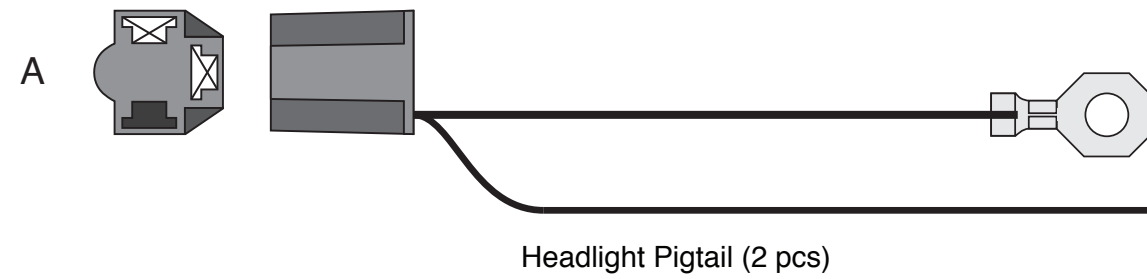
11. Electric Fan (optional)

If you haven't already, obtain the orange "ELECTRIC FAN" wire (circuit 300) and plug it into the Bulkhead connector (as shown on page 5). This wire is a 12V Accessory feed wire which comes directly from the Fuse Block and is intended to be used as the relay trigger wire for the Electric Fan Relay. Route this wire to a relay kit.

Note: An Optional Relay Kit (Universal Relay Kit 500479 or Universal Waterproof Relay Kit 500093) can be purchased from AAW. Connect per the instructions in the Relay Kit.

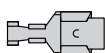
Wire Color	Printing	Wire Number
Orange	ELECTRIC FAN	300

Classic Update Series

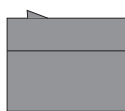


B  (59 Series double female terminal, 10 pcs)


C  (59 Series single female terminal, 6 pcs)

D  (56 Series single female terminal, 12 pcs)

E  (56 Series double female terminal, 9 pcs)

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

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

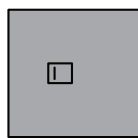
H  (56 Series 2-way male connector, 2 pcs)

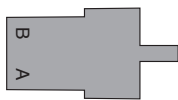
J  (56 Series single male terminal, 6 pcs)

K  Single female bullet terminal, 4 pcs)

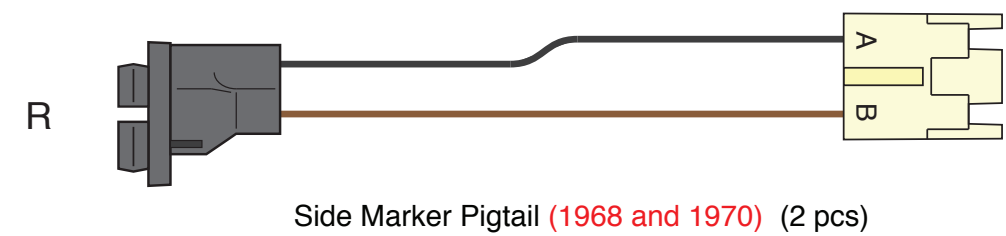
L  Large rubber sleeve, 4 pcs)

M  (56 Series 1-way female connector, 2 pcs)

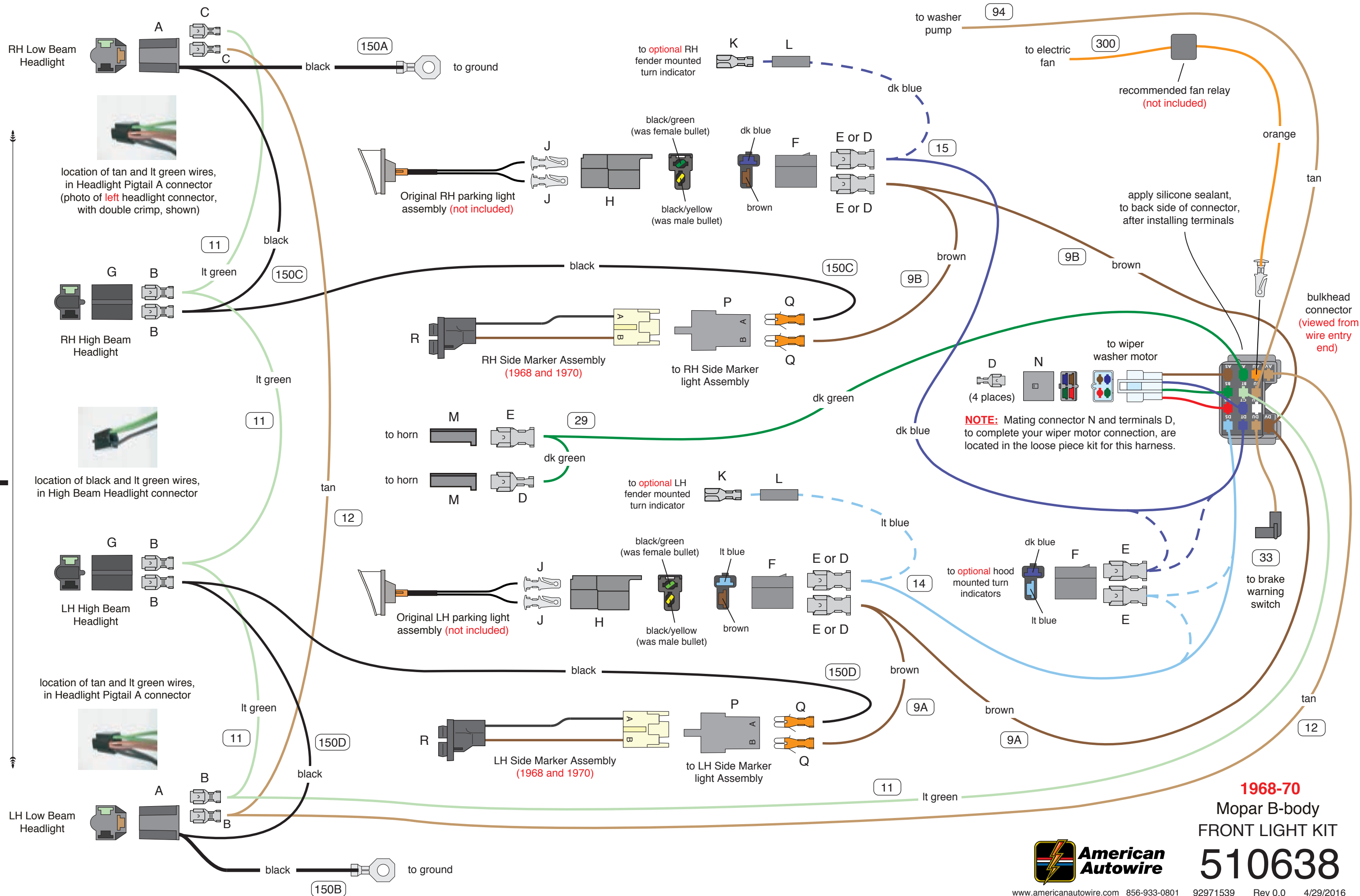
N  (56 Series 4-way female connector, 1 pc)

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

Q  (Pack Con single female terminal, 6 pcs)



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1968-70
Mopar B-body
FRONT LIGHT KIT

510638

