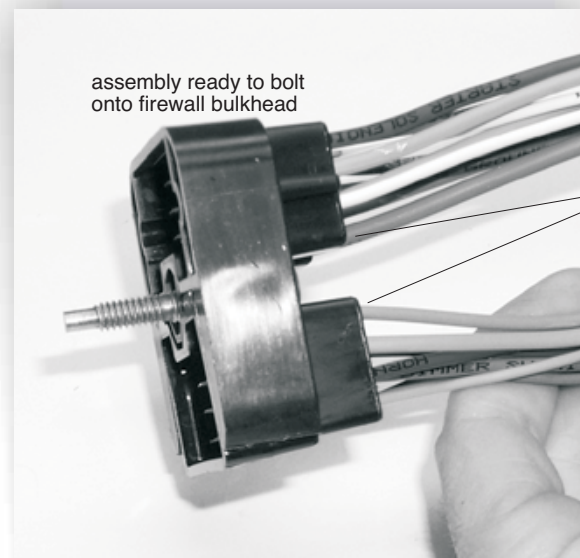
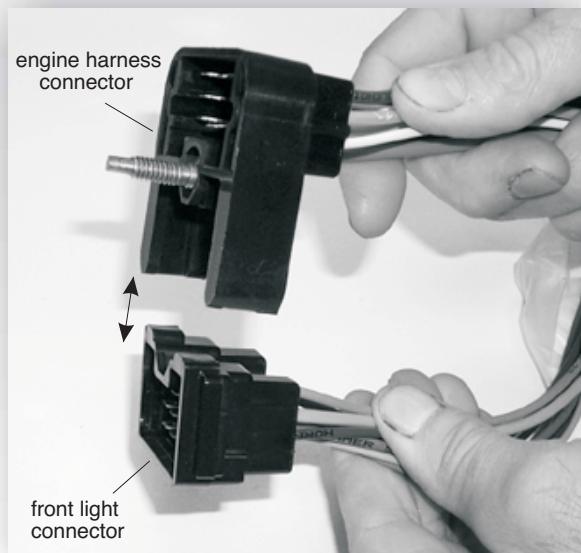


# Classic Update Series



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, 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 !



## American Autowire

American Autowire / Factory-Fit  
800-482-9473





## 1967-68 Camaro Standard Front Lighting



**A** Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead.

### PARKING LAMP WIRES

<b>B</b>			
<b>C</b>	LT BLUE	LH turn	Route this wire to the LH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 2.
<b>D</b>	DK BLUE	RH turn	Route this wire to the RH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 2.
	BROWN	Parking Lamp	Route this wire to the LH side marker lamp and cut to length. Double this wire with the cut off portion, and install terminal Q. Plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 2. Route the remaining portion of the brown wire to the LH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M. Plug this terminal into connector H, along with the DK Blue wire above. Route the remaining portion of the brown wire to the RH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M. Plug this terminal into connector H, along with the DK Blue wire above. Route the remaining brown wire to the RH side marker and trim to length. Install terminal P and plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 2.
<b>E</b>			
<b>F</b>			
<b>H</b>			
<b>J</b>			

**NOTE:** If your car has the Rally Sport option (hidden headlights), then plug connector H (on the wires above) into the factory parking lamp housing pigtails. If your car is not a Rally Sport, then use the parking lamp pigtails K from 500737 bag with terminals D and connector F. Install terminals D and connectors F, as shown on sheet 2, (maintaining color continuity with connector H from above) and plug into connector H. Repeat for both front parking lamps.

### FRONT LIGHT WIRING

<b>K</b>			
	TAN (heavy gauge)	Lo Beam	Route this wire to the driver side headlight and trim to length. Double this wire with the cut off portion, and install terminal B. Plug this terminal into connector A, in the location shown on sheet 2. Route the remaining portion of this TAN wire to the passenger headlight and trim to length. Install terminal C and connector A, in the location shown on sheet 2.
	LT GREEN	Hi Beam	Route this wire to the driver side headlight and trim to length. Double this wire with the cut off portion, and install terminal B. Plug this terminal into connector A, in the location shown on sheet 2. Route the remaining portion of this LT GREEN wire to the passenger headlight and trim to length. Install terminal C and connector A, in location shown on sheet 2.
<b>L</b>	BLACK	Ground	Install terminal C and plug into connector A, in the location shown on sheet 2. Connect the ring terminal to a good chassis ground. Complete for each headlight.
<b>M</b>	DK GREEN	Horn	Route to horns and install terminals D & E, as shown on sheet 2, Plug into connectors L.
	ORANGE	Electric Fan	Route to the electric fan, and connect per manufacturer's instructions.

relay.

<b>N</b>	TAN (small gauge)	Brake Sender
<b>P</b>	DK GREEN	Water Temp

<b>Q</b>	BROWN	Alternator Regulator
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<b>R</b>		
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<b>S</b>		
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**NOTE:** We recommend that this wire be used as the trigger wire for the electric fan

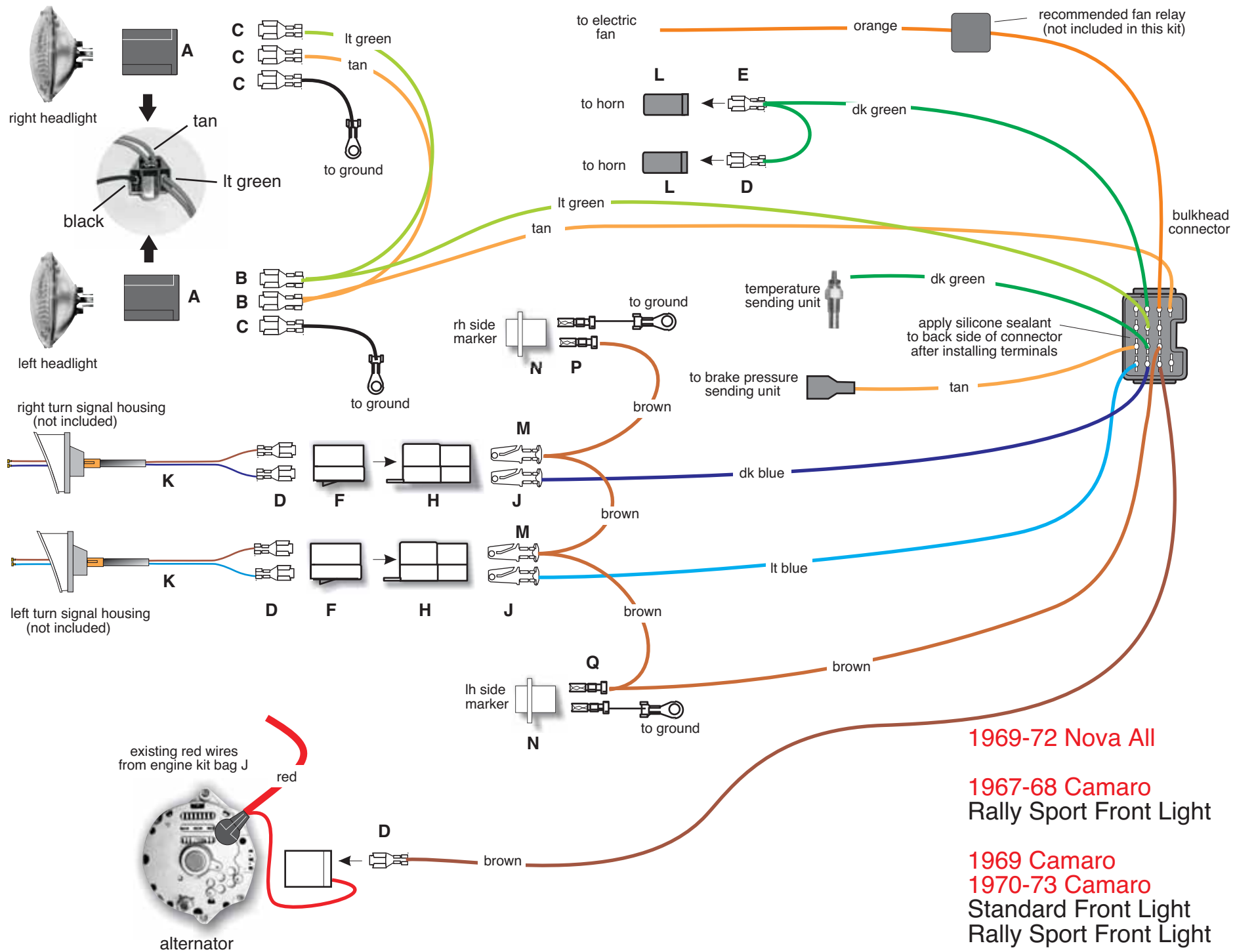
American Autowire manufactures relay kits for this application!

Plug this wire into the stock brake sender switch. Connect this wire to the temperature sending unit using terminal R or terminal D and connector S (depending on your sending unit).

Route this wire to the alternator and cut to length. Install terminal D and plug into the regulator connector (previously installed from the engine kit 500668 bag J).

**NOTE:** This wire is only used on an alternator with an internal regulator which uses an exciter wire. If you are using a true one wire alternator, then this BROWN wire can be removed and not used.

# Classic Update Series



1969-72 Nova All  
 1967-68 Camaro Rally Sport Front Light  
 1969 Camaro Standard Front Light  
 1970-73 Camaro Rally Sport Front Light

## 1967-68 Camaro Rally Sport Front Lighting 1969-72 Nova Front Lighting 1969 Camaro + 1970-73 Camaro Standard and Rally Sport Front Lighting

**A**  **B**  **C**  **D**  **E**  **F**  **H**  **J** 

Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead.

### PARKING LAMP WIRES

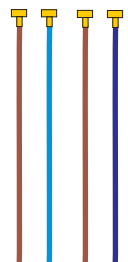
**C** LT BLUE LH turn Route this wire to the LH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 4.

**D** DK BLUE RH turn Route this wire to the RH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 4.


**E** BROWN Parking Lamp Route this wire to the LH side marker lamp and cut to length. Double this wire with the cut off portion, and install terminal Q. Plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 4. Route the remaining portion of the brown wire to the LH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M and plug into connector H, along with the LT Blue wire above. Route the remaining portion of the brown wire to the RH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M. Plug this terminal into connector H, along with the DK Blue wire above. Route the remaining brown wire to the RH side marker and trim to length. Install terminal P and plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 4.


NOTE: The running and directional light assemblies use factory parking lamp housing assemblies. To install them, plug connector H (on the wires above) onto the factory parking lamp housing assemblies. Replacement wires (K), terminals (D) and connectors (F) are provided in the event that the housings need repair. Repeat for both front parking lamps.

### FRONT LIGHT WIRING

**K**  TAN (heavy gauge) Lo Beam Route this wire to the driver side headlight and trim to length. Double this wire with the cut off portion, and install terminal B. Plug this terminal into connector A, in the location shown on sheet 4. Route the remaining portion of this TAN wire to the passenger headlight and trim to length. Install terminal C and connector A, in the location shown on sheet 4.

LT GREEN Hi Beam Route this wire to the driver side headlight and trim to length. Double this wire with the cut off portion, and install terminal B. Plug this terminal into connector A, in the location shown on sheet 4. Route the remaining portion of this LT GREEN wire to the passenger headlight and trim to length. Install terminal C and connector A, in the location shown on sheet 4.


**L**  BLACK Ground Install terminal C and plug into connector A, in the location shown on sheet 4. Connect the ring terminal to a good chassis ground. Complete for each headlight.


**M**  DK GREEN Horn Route to horns and install terminals D & E, as shown on sheet 4, Plug into connectors L.


ORANGE Electric Fan Route to the electric fan, and connect per manufacturer's instructions.

NOTE: We recommend that this wire be the used as the trigger wire for the electric fan relay.

American Autowire manufactures relay kits for this application!

**N**  TAN (small gauge) Brake Sender Plug this wire into the stock brake sender switch.

**P**  DK GREEN Water Temp Connect this wire to the temperature sending unit using terminal R or terminal D and connector S (depending on your sending unit).

**Q**  BROWN Alternator Regulator Route this wire to the alternator and cut to length. Install terminal D and plug into the regulator connector (previously installed from the engine kit 500668 bag J).

NOTE: This wire is only used on an alternator with an internal regulator which

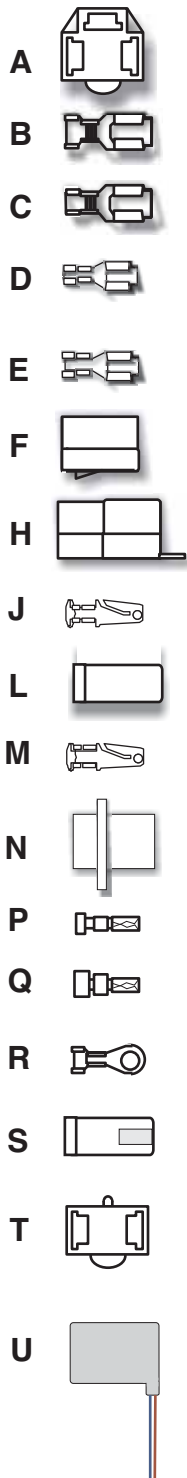
an exciter wire. If you are using a true one wire alternator, then this BROWN wire can be removed and not used.

**R**  uses

**S** 



## 1967-68 Firebird Rally Sport Front Lighting



Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead.

### PARKING LAMP WIRES

LT BLUE	LH turn	Route this wire to the LH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 6.
DK BLUE	RH turn	Route this wire to the RH turn signal lamp and install terminal J and plug into connector H, as shown on sheet 6.
BROWN	Parking Lamp	Route this wire to the LH side marker lamp and cut to length. Double this wire with the cut off portion, and install terminal Q. Plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 6. Route the remaining portion of the brown wire to the LH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M and plug into connector H, along with the LT Blue wire above. Route the remaining portion of the brown wire to the RH turn signal lamp, and cut to length. Double this wire with the cut off portion and install terminal M. Plug this terminal into connector H, along with the DK Blue wire above. Route the remaining brown wire to the RH side marker and trim to length. Install terminal P and plug into connector N. Also plug the pre-assembled black ground wire into connector N, as shown on sheet 6.

NOTE: The running and directional light assemblies use factory parking lamp housing assemblies. To install them, plug connector H (on the wires above) onto the factory parking lamp housing assemblies. Replacement wires (K), terminals (D) and connectors (F) are provided in the event that the housings need repair. Repeat for both front parking lamps.

### FRONT LIGHT WIRING

TAN (heavy gauge)	Lo Beam	Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, and install terminal B. Plug this terminal into connector A, in the location shown on sheet 6. Route the remaining portion of this TAN wire to the passenger side outer headlight and trim to length. Install terminal C and plug into connector A as shown on sheet 6.
LT GREEN	Hi Beam	Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, and 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 T in the location shown on sheet 6. Route the remaining portion of this LT GREEN wire to the passenger side inner headlight and trim to length. Double this wire with the cutoff portion, install terminal B and plug into connector T as shown. 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 6.
BLACK	Ground	Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, and install terminal B. Plug this terminal into connector A, take the short jumper over to the driver side inner headlight, cut to length, install terminal C, and plug it into connector T in the location shown on sheet 6. Repeat this process for the passenger side.
DK GREEN	Horn	Route to horns and install terminals D & E, as shown on sheet 1, Plug into connectors L.

## 1967-68 Firebird Rally Sport Front Lighting

ORANGE	Electric Fan	Route to the electric fan, and connect per manufacturer s instructions NOTE: We recommend that this wire be used as the trigger wire for the electric fan relay.
TAN (small gauge)	Brake Sender	Plug this wire into the stock brake sender switch.
DK GREEN	Water Temp	Connect this wire to the temperature sending unit using terminal R or terminal D and connector S (depending on your sending unit).
BROWN	Alternator Regulator	Route this wire to the alternator and cut to length. Install terminal D and plug into the regulator connector (previously installed from the engine kit 500668 bag J).

NOTE: This wire is only used on an alternaotr with an internal regulator which uses an exciter wire. If you are using a true one wire alernator, then this BROWN wire can be removed and not used.

After all wires are installed from this kit, the main connector should have die-electric grease applied to the terminals. Also, to assure a moisture resistance seal, apply silicone sealant to the outside of the main connector around each wire.