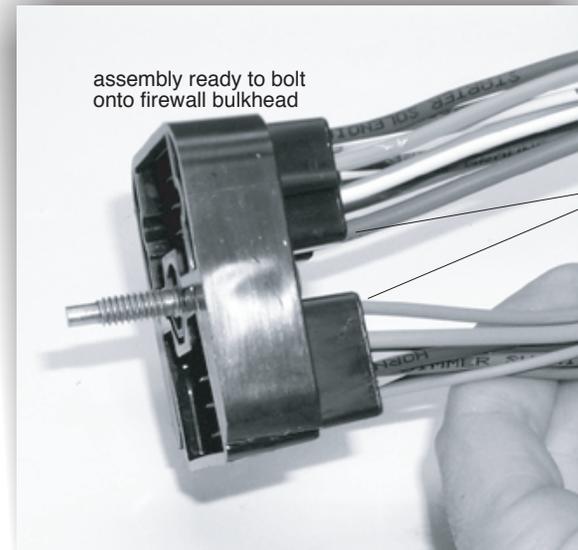
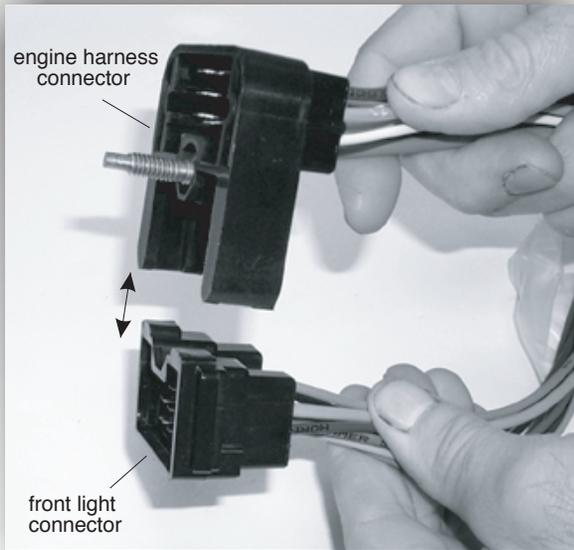


Classic Update Series



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!



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Autowire**

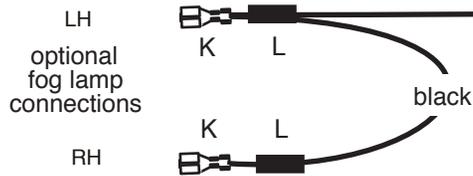
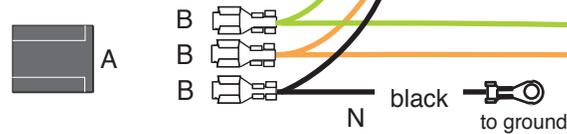
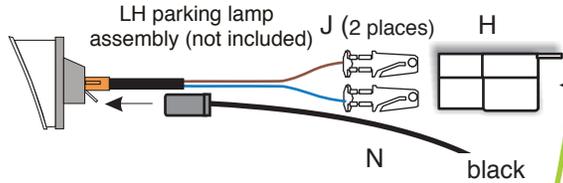
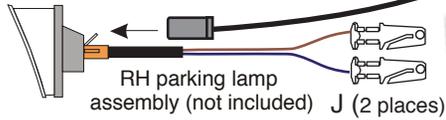
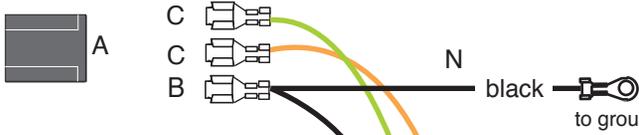
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American Autowire also sells factory OEM style harness wrap. This is the same stuff used on original Chrysler harnesses! If you want that OEM look with your Classic Update wiring system, then give us a call and order p/n R0067108 !



Classic Update Series

right headlight



sheet 2

to washer pump

to electric fan

to RH sidemarker lamp assembly (not included)

to optional RH fender top turn indicator

to horn

to horn

to optional LH fender top turn indicator

to LH sidemarker lamp assembly (not included)

brown

orange

black

N

black to ground

tan

lt green

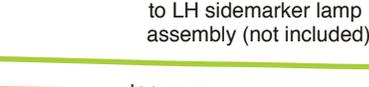
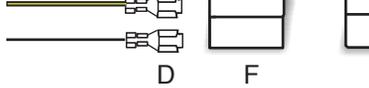
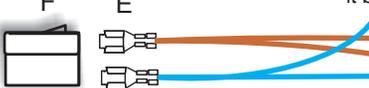
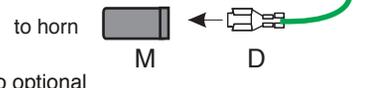
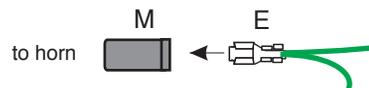
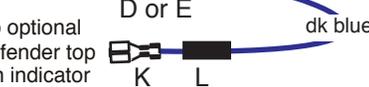
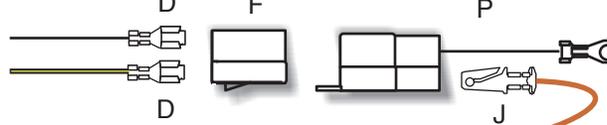
black

N

black

N

to ground



recommended fan relay (not included in this kit)

apply silicone sealant to back side of connector after installing terminals

bulkhead connector

NOTE: Mating connector Q and terminals D to complete your wiper motor connection are located in the loose piece kit for this harness.



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70-74 Cuda Instructions

510293

92969931 instruction rev 0.0 9/20/2011

70-74 Cuda Front Lighting

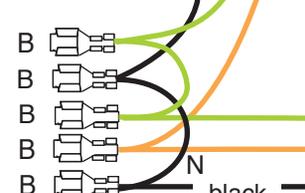
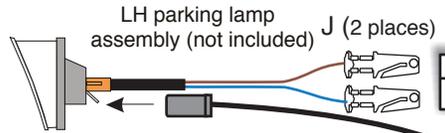
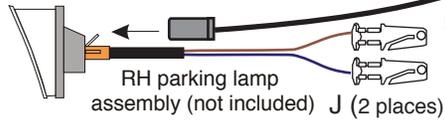
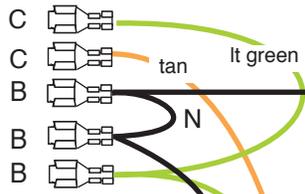
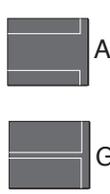
Connect the bulkhead connector from this kit onto the bulkhead connector from the engine kit (bag J), and bolt to the firewall dash bulkhead.

FRONT LIGHT WIRING

A		LT BLUE	LH turn	Route this wire to the LH turn signal lamp, cut to length, install terminal D and plug into connector F as shown on sheet 2. If your car has the optional fender top turn indicators, double this wire with the cutoff portion, install terminal E, plug into connector F, route the loose end up to the fender top indicator, cut to length, install sleeve L and terminal K, then plug this wire onto the lead from the LH fender top indicator as shown on sheet 2.
B		DK BLUE	RH turn	Route this wire to the RH turn signal lamp, cut to length, install terminal D and plug into connector F as shown on sheet 2. If your car has the optional fender top turn indicators, double this wire with the cutoff portion, install terminal E, plug into connector F, route the loose end up to the fender top indicator, cut to length, install sleeve L and terminal K, then plug this wire onto the lead from the RH fender top indicator as shown on sheet 2.
C		BROWN	Parking Lamp	Route the shorter brown wire to the LH (driver side) turn signal lamp, cut to length, double this wire with the cut off portion, install terminal E, and plug into connector F with the lt. blue wire from above as shown on sheet 2. Route the remaining portion of this shorter brown wire to the LH side marker lamp, cut to length, install terminal J, and plug into ground wire assembly P as shown on sheet 2. Repeat this process using the longer brown wire to connect to the RH (passenger side) turn signal and marker lamp assemblies.
D				
E				
F		TAN	Lo Beam	Route this tan wire to the LH (driver side) headlight, cut to length, double this wire with the cutoff portion, install terminal B, then plug this terminal into connector A in the pictured location that is shown on sheet 2. Route the remaining portion of this tan wire to the RH (passenger side) headlight, cut to length, install terminal C, then plug into connector A in the pictured location that is shown on sheet 2.
H		LT GREEN	Hi Beam	Route this lt. green wire to the LH (driver side) headlight, cut to length, double this wire with the cutoff portion, install terminal B, then plug this terminal into connector A in the pictured location that is shown on sheet 2. Route the remaining portion of this lt. green wire to the RH (passenger side) headlight, cut to length, install terminal C, then plug into connector A in the pictured location that is shown on sheet 2.
J		DK GREEN	Horn	Route this wire to a horn, cut to length, double it with the cutoff portion, install terminal E, and plug into connector M as shown on sheet 2. Route the remaining portion of this dk green wire to your other horn, cut to length, install terminal D, and plug into connector M as shown on sheet 2. Plug each connector onto a horn.
K		BLACK	Fog Lamps	If your car has factory fog or driving lamps, route this black wire to the LH fog lamp, cut to length, double it with the cutoff portion, install sleeve L and terminal K (solder this double crimp), route the remaining portion over to the RH fog lamp, and install sleeve L and terminal K. Plug these 2 connections onto the lead from your factory fog or driving lamps.
L				
M		BLACK	Ground	NOTE: There is 2 pair of ground wires in this kit. N is for the headlight and turn signal assemblies, and P is for the side markers. Install the female connector of wire N onto the grounding tab of your LH (driver side) turn signal lamp assembly, route the other end of the wire to the LH headlight and cut to length. Take the ring terminal end of the cut off portion, attach it to a good chassis ground, route the loose end of the cutoff portion to the LH headlight, cut to length, double it with the lead from the parking lamp, install terminal B, and plug it into connector A in the pictured location that is shown on sheet 2. Attach the ring terminal end of wire P (from the LH marker lamp connection above, as shown on sheet 2) to a good chassis ground. Repeat these processes for the RH side.
N		ORANGE	Electric Fan	Route this wire to the electric fan relay and connect per the manufacturer's instructions.
P		WIPER MOTOR		NOTE: We recommend that this wire only be used as the trigger wire for an electric fan relay.
Q		BROWN	(no printing)	NOTE: Terminals D and connector Q have been provided for you to mate your stock wiper feed harness to the 4 position connector on the AAW harness. Cut the plug off of your stock wiper harness, install terminals D, and plug the wires into connector Q maintaining color continuity with the plug on the AAW harness. (EG: blue to blue; red to red; green to green; etc.) Route and connect the loose end of this "keyed" 12 volt power feed wire to your washer pump assembly.
				

Classic Update Series

right headlights



left headlights



sheet 4

to washer pump

brown

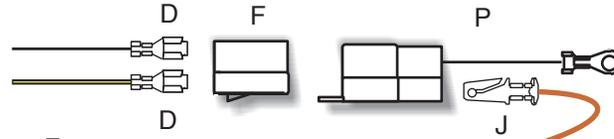
to electric fan

orange

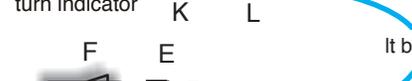
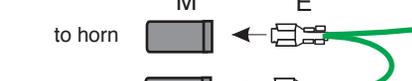
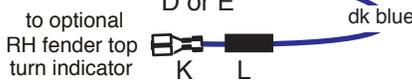
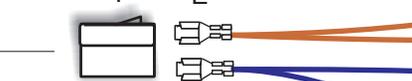
recommended fan relay (not included in this kit)



to RH sidemarker lamp assembly (not included)



apply silicone sealant to back side of connector after installing terminals



bulkhead connector



NOTE: Mating connector Q and terminals D to complete your wiper motor connection are located in the loose piece kit for this harness.



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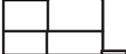
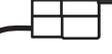
70-74 Challenger Instructions

510293

70-74 Challenger 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.

FRONT LIGHT WIRING

A		LT BLUE	LH turn	Route this wire to the LH turn signal lamp, cut to length, install terminal D and plug into connector F as shown on sheet 4. If your car has the optional fender top turn indicators, double this wire with the cutoff portion, install terminal E, plug into connector F, route the loose end up to the fender top indicator, cut to length, install sleeve L and terminal K, then plug this wire onto the lead from the LH fender top indicator as shown on sheet 4.
B		DK BLUE	RH turn	Route this wire to the RH turn signal lamp, cut to length, install terminal D and plug into connector F as shown on sheet 4. If your car has the optional fender top turn indicators, double this wire with the cutoff portion, install terminal E, plug into connector F, route the loose end up to the fender top indicator, cut to length, install sleeve L and terminal K, then plug this wire onto the lead from the RH fender top indicator as shown on sheet 4.
C		BROWN	Parking Lamp	Route the shorter brown wire to the LH (driver side) turn signal lamp, cut to length, double this wire with the cut off portion, install terminal E, and plug into connector F with the lt. blue wire from above as shown on sheet 4. Route the remaining portion of this shorter brown wire to the LH side marker lamp, cut to length, install terminal J, and plug into ground wire assembly P as shown on sheet 4. Repeat this process using the longer brown wire to connect to the RH (passenger side) turn signal and marker lamp assemblies.
D				
E				
F		TAN	Lo Beam	Route this tan wire to the LH (driver side) headlight, cut to length, double this wire with the cutoff portion, install terminal B, then plug this terminal into connector A in the pictured location that is shown on sheet 4. Route the remaining portion of this tan wire to the RH (passenger side) headlight, cut to length, install terminal C, then plug into connector A in the pictured location that is shown on sheet 4.
G		LT GREEN	Hi Beam	Route this lt. green wire to the LH (driver side) outer headlight, cut to length, double this wire with the cutoff portion, install terminal B, then plug this terminal into connector A in the pictured location that is shown on sheet 4. Route the remaining portion of this lt. green wire to the LH (driver side) inner headlight, cut to length, double this wire with the cutoff portion, install terminal B, then plug this terminal into connector G in the pictured location that is shown on sheet 4. Route the remaining portion of this lt. green wire to the RH (passenger side) inner headlight, cut to length, install terminal B, then plug into connector G in the pictured location that is shown on sheet 4. Route the remaining portion of this lt. green wire to the RH (passenger side) outer headlight, cut to length, install terminal C and plug this terminal into connector A in the pictured location that is shown on sheet 4.
H				
J				
K		DK GREEN	Horn	Route this wire to a horn, cut to length, double it with the cutoff portion, install terminal E, and plug into connector M as shown on sheet 4. Route the remaining portion of this dk green wire to your other horn, cut to length, install terminal D, and plug into connector M as shown on sheet 4. Plug each connector onto a horn.
L		BLACK	Fog Lamps	If your car has factory fog or driving lamps, route this black wire to the LH fog lamp, cut to length, double it with the cutoff portion, install sleeve L and terminal K (solder this double crimp), route the remaining portion over to the RH fog lamp, and install sleeve L and terminal K. Plug these 2 connections onto the lead from your factory fog or driving lamps.
M				
N		BLACK	Ground	Install the female connector of wire N onto the grounding tab of your LH (driver side) turn signal lamp assembly, route the other end of the wire to the LH (driver side) inner headlight and cut to length, double it with the cut off portion, install terminal B, then plug into connector G in the pictured location that is shown on sheet 4. Route the remaining portion of wire N over to the LH (driver side) outer headlight and cut to length. Take the ring terminal end of the cut off portion, attach it to a good chassis ground, route the loose end of the cutoff portion back to the LH (driver side) outer headlight, cut to length, double it with the lead from the LH (driver side) inner headlight, install terminal B, and plug it into connector A in the pictured location that is shown on sheet 4. Attach the ring terminal end of wire P (from the LH marker lamp connection above, as shown on sheet 4) to a good chassis ground. Repeat these processes for the RH side.
P				
Q				

NOTE: Your parking and directional lamps use a factory pre-assembled housing and socket assembly that is not serviceable. We have provided terminals J and connectors H for you to mate them to connectors F from above. Your side marker lamps have a pin type disconnect on them. Cut that connection off and use terminals D, and connectors F to complete the side marker connections.

NOTE: There is 2 pair of ground wires in this kit. N is for the headlight and turn signal assemblies, and P is for the side markers.

(Continued on sheet 6)

70-74 Challenger Front Lighting

(Continued from sheet 5)

ORANGE	Electric Fan	Route this wire to the electric fan relay and connect per the manufacturer's instructions. NOTE: We recommend that this wire only be used as the trigger wire for an electric fan relay.
WIPER MOTOR		NOTE: Terminals D and connector Q have been provided for you to mate your stock wiper feed harness to the 4 position connector on the AAW harness. Cut the plug off of your stock wiper harness, install terminals D, and plug the wires into connector Q maintaining color continuity with the plug on the AAW harness. (EG: blue to blue; red to red; green to green; etc.)
BROWN	(no printing)	Route and connect the loose end of this "keyed" 12 volt power feed wire to your washer pump assembly.



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