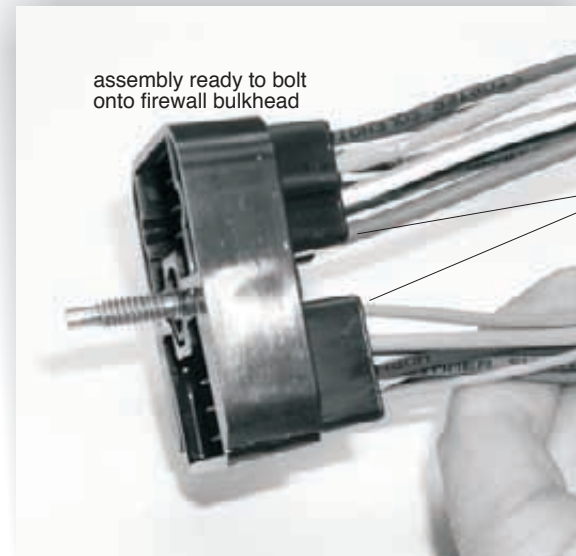
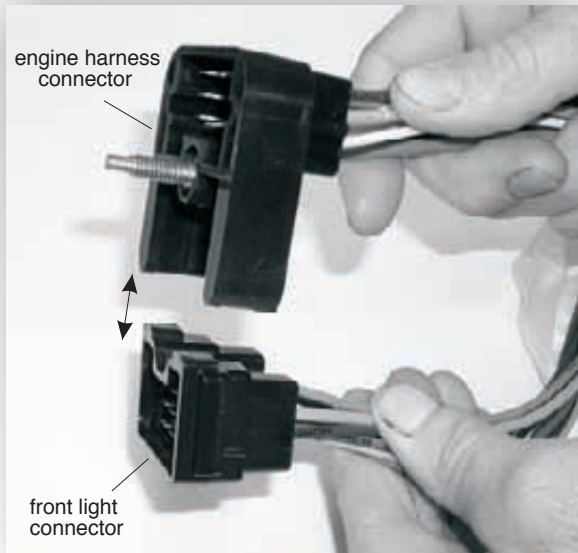


Classic Update Series



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.

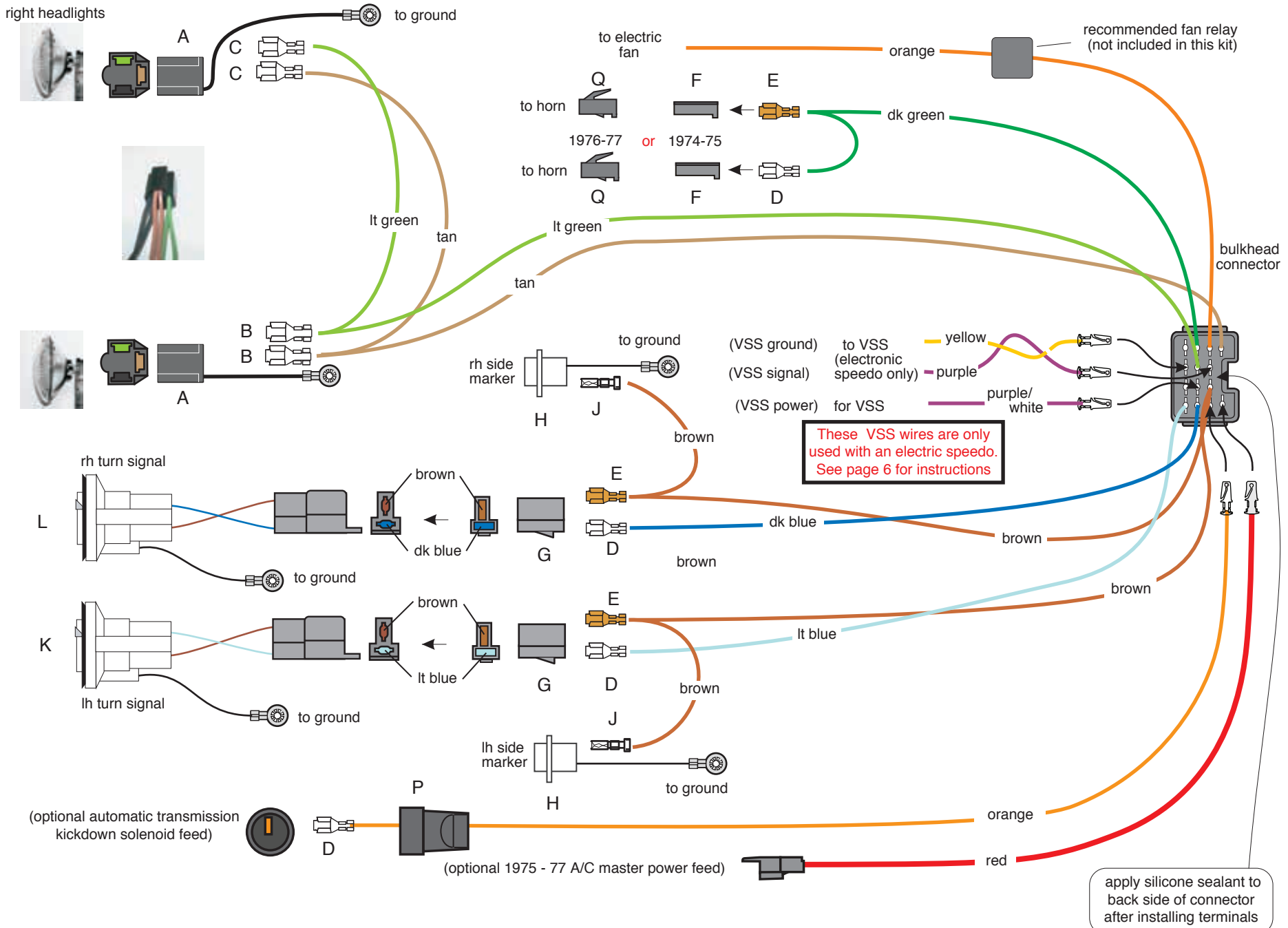


**American
Autowire**

www.americanautowire.com 856-933-0801

Classic Update Series ^{bag} **L**
1974-77 & 1978
-80 Camaro
FRONT LIGHT KIT
510571
92970839 instruction rev 0.0 8/6/2014

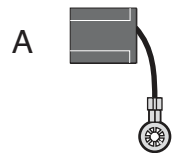
Classic Update Series



1974 - 1977 Camaro



1974 - 77 Camaro



A

NOTE: See page 6 for directions regarding the connection of the Yellow, Purple, and Purple/White Stripe electric speedo wires.

Assemble the bulkhead connector from this kit to the bulkhead connector from the engine kit (510570, bag J) and then bolt them to the main firewall bulkhead. After all wires are installed from this kit, apply die-electric grease to the terminals and silicone sealer to the outside of the connectors as a moisture seal. While not shown in the instructions, we have included 8 OE style clips for you to secure this harness across the front radiator support of your car.

FRONT LIGHT WIRING:



B

Note 1: We have included new parking lamp pigtails K (LH with lt. blue wire) and L (RH with dk. blue wire) for you to install into your parking lamp housings just as original. These pigtails will plug onto mating connectors G to complete the front parking/turn signal lamp circuits below, and as shown on page 2. Attach the ring terminals on these K and L assemblies to a good known chassis ground to complete the parking/turn signal lamp circuits. We have also provided side marker pigtails H for you to connect into your side marker lamp assemblies. You will plug the brown wires below into these lamp pigtails, then attach the ring terminals on these assemblies H to a good known chassis ground to complete the side marker circuits.



C

LT BLUE

LH Turn

Route this wire to the LH parking lamp area, trim to length, install terminal D and plug this wire into connector G as shown on page 2.



D

DK BLUE

RH Turn

Route this wire to the RH parking lamp area, trim to length, install terminal D and plug this wire into connector G as shown on page 2.



E

BROWN

Parking Lights

Route the shorter brown wire to the LH parking lamp area, trim to length, double it with the cut off portion, install terminal E, and plug into connector G with the light blue wire from above. Route the remaining portion of the shorter brown wire to the LH side marker lamp area, trim to length, install terminal J, and plug into side marker lamp pigtail assembly H as shown on page 2. Route the longer brown wire to the RH parking lamp area, trim to length, double it with the cut off portion, install terminal E, and plug into connector G with the dark blue wire from above. Route the remaining portion of the longer brown wire to the RH side marker lamp area, trim to length, install terminal J, and plug into the other side marker lamp pigtail assembly H as shown on page 2. You can now plug the connectors G onto the parking lamp pigtails K and L from above to complete your parking/turn signal lamp connections, and the side marker pigtail assemblies H into your side marker lamps to complete those circuits.



F



G

Note 2: We have included new headlight pigtails A (LH and RH) complete with ground wires for you to connect to your headlight lamp assemblies. You will plug the tan and lt. green headlight wires into these 2 assemblies below. Attach the ring terminals on these pigtail assemblies A to a good known chassis ground to complete the headlight circuits.



H

TAN

Headlight
Low Beam

Route this tan wire to the driver side headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into the 3-way connector on headlight pigtail A as shown on page 2. Route the remaining portion of this tan wire to the passenger side outer headlight and trim to length. Install terminal C and plug into the 3-way connector on the other headlight pigtail A as shown on page 2.



I

LT GREEN

Headlight
High Beam

Route this lt green wire to the driver side headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into the 3-way connector on headlight pigtail A as shown on page 2. Route the remaining portion of this lt green wire to the passenger side headlight and trim to length. Install terminal C and plug into the 3-way connector on the other headlight pigtail A as shown on page 2.



J

BLACK

Ground

The ground wires that are part of headlight A, parking light K and L, and side marker lamp H pigtail assemblies are addressed in **"Notes 1 and 2"** above.



K

OTHER WIRING:



L

DK GREEN

Horn

Route this wire to one horn, trim to length, double it with the cutoff portion, install terminal E, and plug this terminal into connector F (1974-75) or Connector Q (1976-77) as shown on page 2. Route the remaining portion of this dk green wire to the second horn, trim to length, install terminal D and plug into connector F (1974-75) or Connector Q (1976-77) as shown on page 2. Plug the two connectors F or Q onto each of your horns to complete the horn circuit.



M

ORANGE

Electric Fan

Route this wire to the electric fan relay and connect per the manufacturer's instructions.

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



N

LOOSE WIRES:



O

ORANGE

(no printing)

This wire is for the Turbo 400 kickdown solenoid. If your car has this option, plug this orange wire into the main bulkhead connector in the location shown on page 2, then route this wire down to your Turbo 400 kickdown solenoid. Trim to length, slide molded connector P onto the orange wire, then crimp terminal D onto that wire. Push in the tab on terminal D (and solder connection), then pull molded connector P back up over terminal D.



P

RED

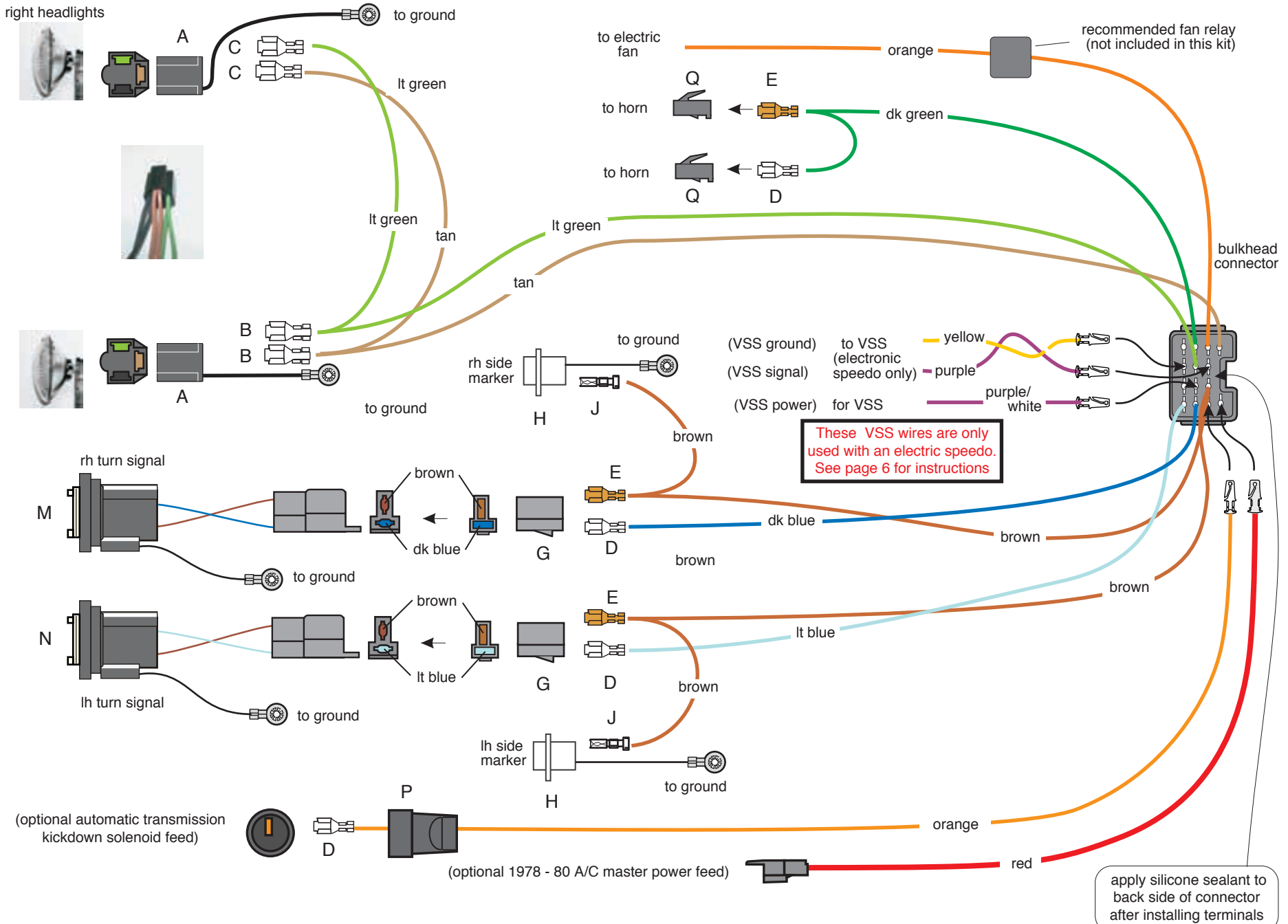
12V Battery

This wire is un-fused and is to be used **only** as the Master A/C Power Feed for a car with Factory Air Conditioning that will be utilizing a OE factory stock A/C harness. If your car has this option, plug this red wire into the main bulkhead connector in the location shown on page 2, then connect this wire to your Factory A/C harness just as the original was.



Q

Classic Update Series



1978 -1980 Camaro



1978 - 80 Camaro

NOTE: See page 6 for directions regarding the connection of the Yellow, Purple, and Purple/White Stripe electric speedo wires.

Assemble the bulkhead connector from this kit to the bulkhead connector from the engine kit (510570, bag J) and then bolt them to the main firewall bulkhead. After all wires are installed from this kit, apply die-electric grease to the terminals and silicone sealer to the outside of the connectors as a moisture seal. While not shown in the instructions, we have included 8 OE style clips for you to secure this harness across the front radiator support of your car.

FRONT LIGHT WIRING:

Note 1: We have included new parking lamp pigtails M (LH with lt. blue wire) and N (RH with dk. blue wire) for you to install into your parking lamp housings just as original. These pigtails will plug onto mating connectors G to complete the front parking/turn signal lamp circuits below, and as shown on page 2. Attach the ring terminals on these M and N assemblies to a good known chassis ground to complete the parking/turn signal lamp circuits. We have also provided side marker pigtails H for you to connect into your side marker lamp assemblies. You will plug the brown wires below into these lamp pigtails, then attach the ring terminals on these assemblies H to a good known chassis ground to complete the side marker circuits.

D	LT BLUE	LH Turn	Route this wire to the LH parking lamp area, trim to length, install terminal D and plug this wire into connector G as shown on page 2.
D	DK BLUE	RH Turn	Route this wire to the RH parking lamp area, trim to length, install terminal D and plug this wire into connector G as shown on page 2.
E	BROWN	Parking Lights	Route the shorter brown wire to the LH parking lamp area, trim to length, double it with the cut off portion, install terminal E, and plug into connector G with the light blue wire from above. Route the remaining portion of the shorter brown wire to the LH side marker lamp area, trim to length, install terminal J, and plug into side marker lamp pigtail assembly H as shown on page 2. Route the longer brown wire to the RH parking lamp area, trim to length, double it with the cut off portion, install terminal E, and plug into connector G with the dark blue wire from above. Route the remaining portion of the longer brown wire to the RH side marker lamp area, trim to length, install terminal J, and plug into the other side marker lamp pigtail assembly H as shown on page 2. You can now plug the connectors G onto the parking lamp pigtails M and N from above to complete your parking/turn signal lamp connections, and the side marker pigtail assemblies H into your side marker lamps to complete those circuits.

Note 2: We have included new headlight pigtails A (LH and RH) complete with ground wires for you to connect to your headlight lamp assemblies. You will plug the tan and lt. green headlight wires into these 2 assemblies below. Attach the ring terminals on these pigtail assemblies A to a good known chassis ground to complete the headlight circuits.

H	TAN	Headlight Low Beam	Route this tan wire to the driver side headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into the 3-way connector on headlight pigtail A as shown on page 2. Route the remaining portion of this tan wire to the passenger side outer headlight and trim to length. Install terminal C and plug into the 3-way connector on the other headlight pigtail A as shown on page 2.
J	LT GREEN	Headlight High Beam	Route this lt green wire to the driver side headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into the 3-way connector on headlight pigtail A as shown on page 2. Route the remaining portion of this lt green wire to the passenger side headlight and trim to length. Install terminal C and plug into the 3-way connector on the other headlight pigtail A as shown on page 2.

The ground wires that are part of headlight A, parking light M and N, and side marker lamp H pigtail assemblies are addressed in "Notes 1 and 2" above.

OTHER WIRING:

D	DK GREEN	Horn	Route this wire to one horn, trim to length, double it with the cutoff portion, install terminal E, and plug this terminal into connector Q as shown on page 2. Route the remaining portion of this dk green wire to the second horn, trim to length, install terminal D and plug into connector Q as shown on page 2. Plug the two connectors Q onto each of your horns to complete the horn circuit.
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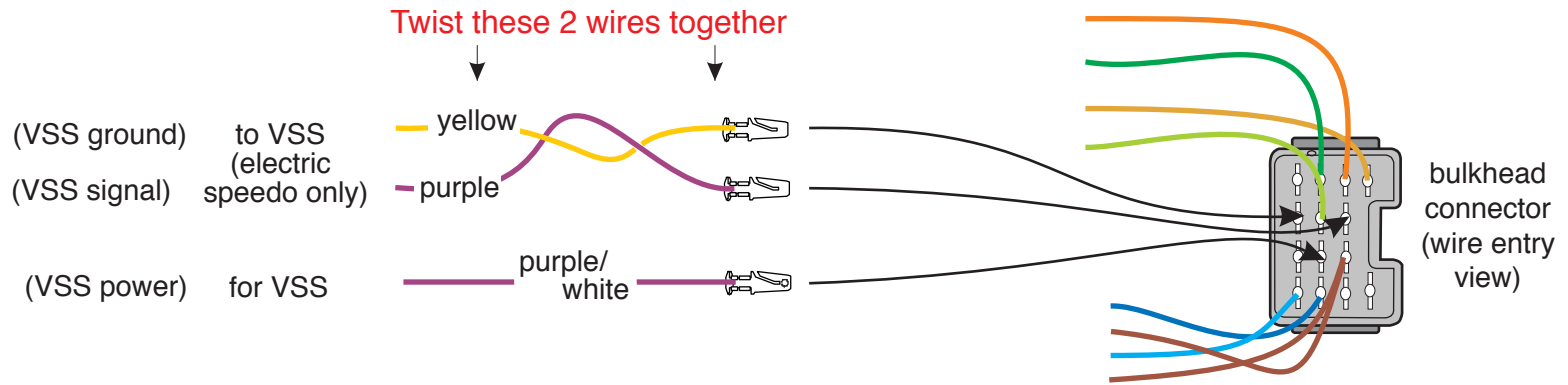
N	ORANGE	Electric Fan	Route this wire to the electric fan relay and connect per the manufacturer's instructions. NOTE: We recommend that this wire be used as the "key on" trigger wire for the electric fan relay.
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LOOSE WIRES:

	ORANGE	(no printing)	This wire is for the Turbo 400 kickdown solenoid. If your car has this option, plug this orange wire into the main bulkhead connector in the location shown on page 2, then route this wire down to your Turbo 400 kickdown solenoid. Trim to length, slide molded connector P onto the orange wire, then crimp terminal D onto that wire. Push in the tab on terminal D (and solder connection), then pull molded connector P back up over terminal D.
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	RED	12V Battery	This wire is un-fused and is to be used only as the Master A/C Power Feed for a car with Factory Air Conditioning that will be utilizing a OE factory stock A/C harness. If your car has this option, plug this red wire into the main bulkhead connector in the location shown on page 2, then connect this wire to your Factory A/C harness just as the original was.
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Electric Speedometer Wiring for all years



ELECTRIC SPEEDOMETER WIRES: These wires should ONLY be used only if your car has an electric speedometer. Plug them into the main connector as shown here or, on pages 2, 4, or 6 (depending on the proper application for your car) of this instruction set and route them as outlined below.

- | | | |
|--------------|------------|--|
| PURPLE/WHITE | VSS power | Route this wire to the vehicle speed sensor and connect to the 12 volt power lead. |
| PURPLE | VSS signal | Twist this wire with the yellow VSS ground lead wire below to assure proper shielding. Connect this wire to the vehicle speed sensor and connect to the signal lead. |
| YELLOW | VSS ground | Twist this wire with the purple VSS signal lead wire above to assure proper shielding. Connect this wire to the vehicle speed sensor ground lead. |

NOTE: 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.