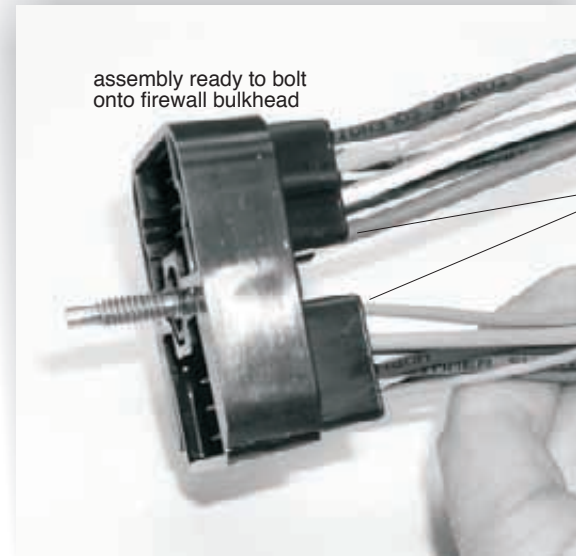
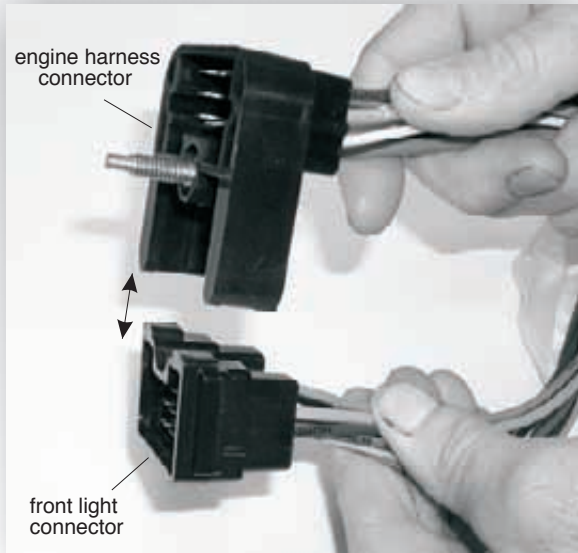


Classic Update Series



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!

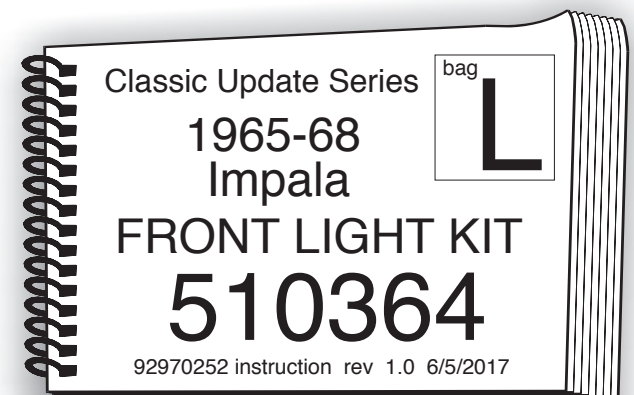


American Autowire also sells factory OEM style harness wrap. this is the same stuff used on original Impala harnesses! If you want that OEM look with your Classic Update wiring system, then give us a call and order p/n R0067108 !



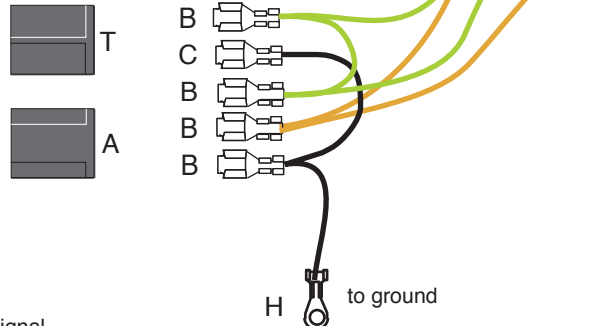
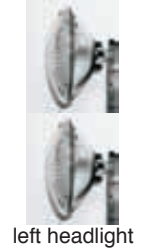
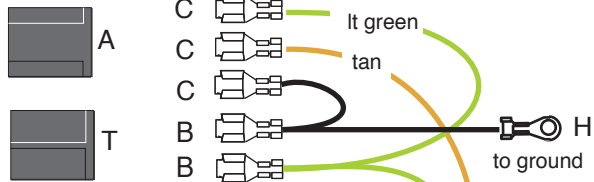
American Autowire

American Autowire
800-482-9473



Classic Update Series

right headlight

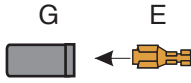


to electric fan orange



recommended fan relay (not included in this kit)

to horn G E dk green



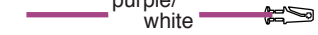
to horn G D dk green



(VSS ground) to VSS yellow
(VSS signal) (electronic speedo only) purple



(VSS power) for VSS purple/white



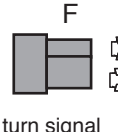
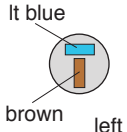
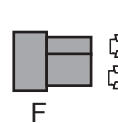
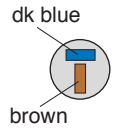
These VSS wires are only used with an electric speedo. See sheet 8 for instructions

connect to brake pressure sending unit if needed (not included in kit) tan

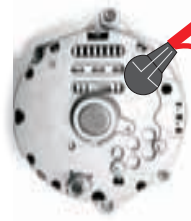
bulkhead connector (wire entry view)

apply silicone sealant to back side of connector after installing terminals

right turn signal



existing red wires from engine kit bag J












alternator

1965-66 Chevy Fullsize Front Light

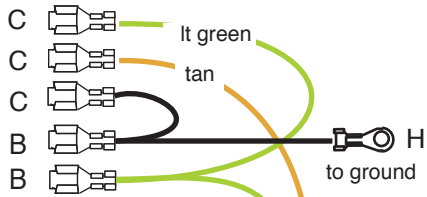
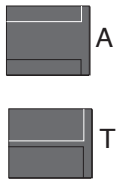
1965-66 Chevy Fullsize

NOTE: See sheet 8 for directions regarding the connection of the Yellow, Purple, and Purple/White Stripe electric speedo wires.

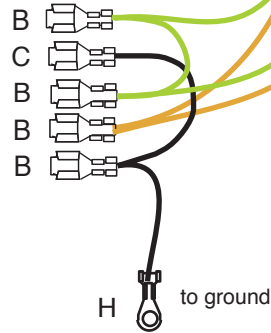
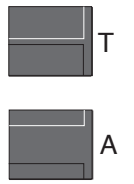
A		Assemble the bulkhead connector from this kit to the bulkhead connector from the engine kit (510363, bag J), then bolt them to the main firewall bulkhead. After all wires are installed from this kit, apply die-electric grease to the terminals and silicone sealer to the outside of the connectors as a moisture seal.	
<u>FRONT LIGHT WIRING:</u>			
	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 F as shown on sheet 2.
B		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 F as shown on sheet 2.
C		BROWN	Parking Lights
			Route the shorter brown wire to the LH parking lamp area, trim to length, install terminal D and plug into connector F as shown on sheet 2. Route the longer brown wire to the RH parking lamp area, trim to length, install terminal D and plug into connector F as shown on sheet 2.
	TAN	Headlight Low Beam	Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 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 connector A as shown on sheet 2.
D		LT GREEN	Headlight Hi 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 this terminal into connector A as shown on sheet 2. Route the remaining portion of this Lt green wire to the driver side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 2. Route the remaining portion of this Lt green wire to the passenger side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 2. Route the remaining portion of this Lt green wire to the passenger side outer headlight, trim to length, install terminal C, and plug this terminal into connector A as shown on sheet 2.
E			
F		BLACK	Ground
			Starting with the ring terminal, find the grounding location for this wire (do not attach it to the car yet) then route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 2. Route the remaining portion of this black wire to the driver side inner headlight, trim to length, install terminal C, and plug this terminal into connector T as shown on sheet 2. Attach the ring terminal to the ground location. Repeat this process for the passenger side headlights.
G			
<u>OTHER WIRING:</u>			
	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 G as shown on sheet 2. Route the remaining portion of this dk green wire to the second horn, trim to length, install terminal D and plug into connector G as shown on sheet 2. Plug connectors G onto your horns.
H		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 2, and splice the other end onto your brake sender switch connection (brake switch connection not included in kit).
T		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 trigger wire for the electric fan relay.
	BROWN	Alternator Ign	If using a GM "SI" style or other internally regulated alternator requiring an exciter circuit (not used in a 1 wire configuration), route this wire to the alternator, trim to length, install terminal D and plug this wire into the regulator connector (previously installed from the engine kit 510363, bag J) as shown on page 2.

Classic Update Series

right headlight



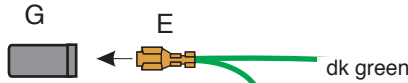
left headlight



to electric fan



to horn



to horn



lt green

tan

(VSS ground) to VSS (electronic speedo only) — yellow

(VSS power) for VSS — purple/white

These VSS wires are only used with an electric speedo. See sheet 8 for instructions

connect to brake pressure sending unit if needed (not included in kit)

tan



dk blue

brown

lt blue

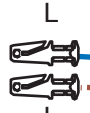
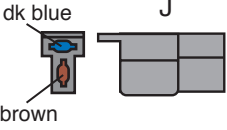
brown

brown

brown

apply silicone sealant to back side of connector after installing terminals

right turn signal

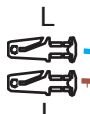
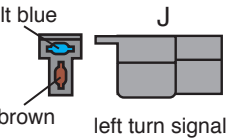


brown

lead part of lamp (not included)



(w/optional RH T-78 fender lamp)

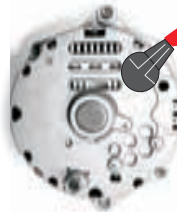


brown

lead part of lamp (not included)

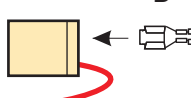


(w/optional LH T-78 fender lamp)



alternator

red existing red wires from engine kit bag J



1967 Chevy Fullsize Front Light

1967 Chevy Fullsize

NOTE: See sheet 8 for directions regarding the connection of the Yellow, Purple, and Purple/White Stripe electric speedo wires.



A

Assemble the bulkhead connector from this kit to the bulkhead connector from the engine kit (510363, bag J), 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.

FRONT LIGHT WIRING:



B

LT BLUE LH Turn Route this wire to the LH parking lamp area, trim to length, install terminal L and plug this wire into connector J as shown on sheet 4.

DK BLUE RH Turn Route this wire to the RH parking lamp area, trim to length, install terminal L and plug this wire into connector J as shown on sheet 4.



C

BROWN Parking Lights Route the shorter brown wire to the LH parking lamp area, trim to length, install terminal L and plug into connector J as shown on sheet 4. Route the longer brown wire to the RH parking lamp area, trim to length, install terminal L and plug into connector J as shown on sheet 4.

NOTE: If your car has the T-78 fender lamp option, route the shorter brown wire to the LH fender lamp area, trim to length, double it with the cut off portion, install terminal E, plug that terminal into connector K, then plug connector K into the LH fender lamp lead. Route the remaining portion of that brown wire to the LH parking lamp area, install terminal L and plug into connector J as shown on sheet 4. Repeat this process for the RH fender and parking lamp connections using the longer brown wire.



D

TAN Headlight Low Beam Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 4. 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 4.



E

LT GREEN Headlight Hi 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 this terminal into connector A as shown on sheet 4. Route the remaining portion of this Lt green wire to the driver side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 4. Route the remaining portion of this Lt green wire to the passenger side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 4. Route the remaining portion of this Lt green wire to the passenger side outer head light, trim to length, install terminal C, and plug this terminal into connector A as shown on sheet 4.



G

BLACK Ground Starting with the ring terminal, find the grounding location for this wire (do not attach it to the car yet) then route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 4. Route the remaining portion of this black wire to the driver side inner headlight, trim to length, install terminal C, and plug this terminal into connector T as shown on sheet 4. Attach the ring terminal to the ground location. Repeat this process for the passenger side headlights.



H

OTHER WIRING:



K

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 G as shown on sheet 4. Route the remaining portion of this dk green wire to the second horn, trim to length, install terminal D and plug into connector G as shown on sheet 4. Plug connectors G onto your horns.



L

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 4, and splice the other end onto your brake sender switch connection (**brake switch connection not included in kit**).



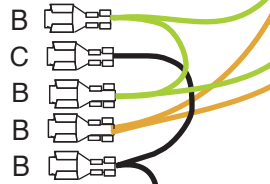
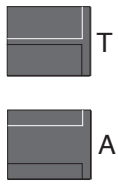
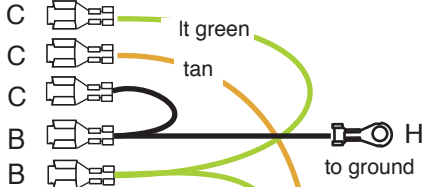
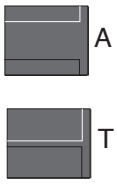
T

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

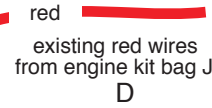
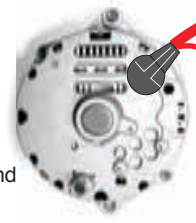
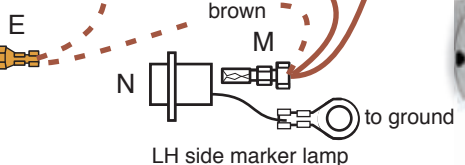
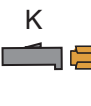
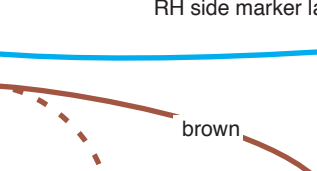
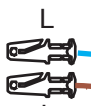
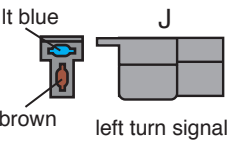
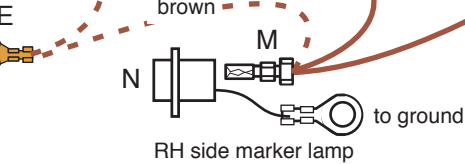
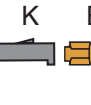
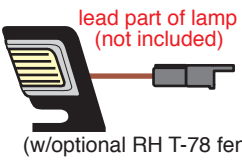
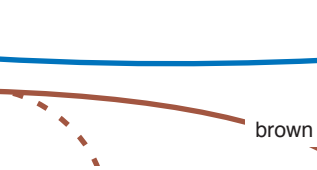
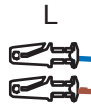
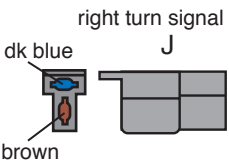
BROWN Alternator Ign If using a GM "SI" style or other internally regulated alternator requiring an exciter circuit (not used in a 1 wire configuration), route this wire to the alternator, trim to length, install terminal D and plug this wire into the regulator connector (previously installed from the engine kit 510363, bag J) as shown on page 4.

Classic Update Series

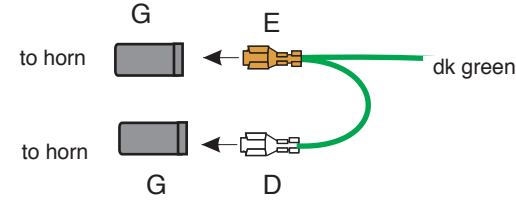
right headlight



left headlight



to electric fan orange



lt green
tan

(VSS ground) to VSS (electronic speedo only)
 (VSS signal)

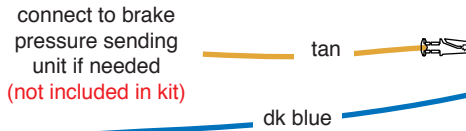


(VSS power) for VSS



These VSS wires are only used with an electric speedo. See sheet 8 for instructions

connect to brake pressure sending unit if needed (not included in kit)
 tan
 dk blue















apply silicone sealant to back side of connector after installing terminals

bulkhead connector (wire entry view)

1968 Chevy Fullsize Front Light

1968 Chevy Fullsize

NOTE: See sheet 8 for directions regarding the connection of the Yellow, Purple, and Purple/White Stripe electric speedo wires.

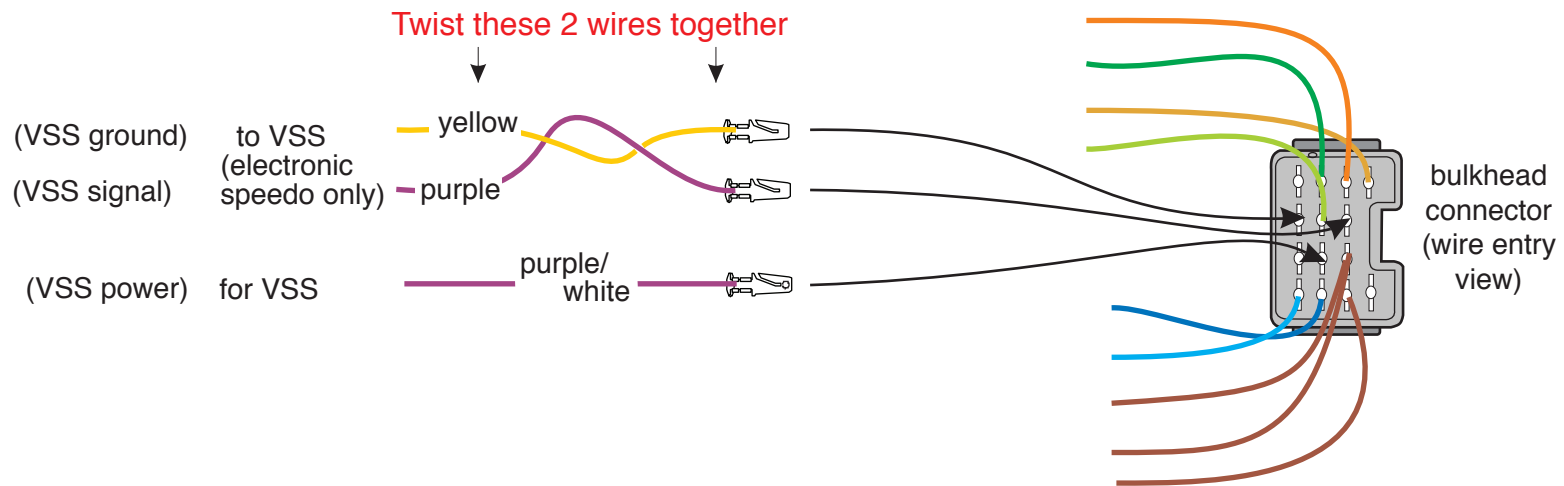
A				Assemble the bulkhead connector from this kit to the bulkhead connector from the engine kit (510363, bag J), then bolt them to the main firewall bulkhead. After all wires are installed from this kit, apply die-electric grease to the terminals and silicone sealer to the outside of the connectors as a moisture seal.
<u>FRONT LIGHT WIRING:</u>				
B		LT BLUE	LH Turn	Route this wire to the LH parking lamp area, trim to length, install terminal L and plug this wire into connector J as shown on sheet 6.
C		DK BLUE	RH Turn	Route this wire to the RH parking lamp area, trim to length, install terminal L and plug this wire into connector J as shown on sheet 6.
D		BROWN	Parking Lights	(ALL except with T-78 fender lamps) Route the shorter brown wire to the LH side marker lamp area, trim to length, double this wire with the cutoff portion, install terminal M and plug this terminal into the LH side marker lamp socket assembly N as shown on sheet 6. Route the remaining portion of this shorter brown wire to the LH parking lamp area, install terminal L and plug into connector J as shown on sheet 6. Route the longer brown wire to the RH side marker lamp area, trim to length, double this wire with the cutoff portion, install terminal M and plug this terminal into the RH side marker lamp socket assembly N as shown on sheet 6. Route the remaining portion of this longer brown wire to the RH parking lamp area, install terminal L and plug into connector J as shown on sheet 6. Attach each side marker ground wire ring terminal to a good chassis ground. (ALL with T-78 fender lamps) Route the shorter brown wire to the LH side marker lamp area, trim to length, double this wire with the cutoff portion, install terminal M and plug this terminal into the LH side marker lamp socket assembly N as shown on sheet 6. Route the remaining portion of this shorter brown wire to the LH fender lamp area, trim to length, double it with the cut off portion, install terminal E, plug that terminal into connector K, then plug connector K into the LH fender lamp lead. Route the remaining portion of this shorter brown wire to the LH parking lamp area, trim to length, install terminal L and plug into connector J as shown on sheet 6. Route the longer brown wire to the RH side marker lamp area, trim to length, double this wire with the cutoff portion, install terminal M and plug this terminal into the RH side marker lamp socket assembly N as shown on sheet 6. Route the remaining portion of this longer brown wire to the RH fender lamp area, trim to length, double it with the cut off portion, install terminal E, plug that terminal into connector K, then plug connector K into the RH fender lamp lead. Route the remaining portion of this longer brown wire to the RH parking lamp area, trim to length, install terminal L and plug into connector J as shown on sheet 6. Attach each side marker ground wire ring terminal to a good chassis ground.
G				
H				
J				
K		TAN	Headlight Low Beam	Route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as 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.
L		LT GREEN	Headlight Hi 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 this terminal into connector A as shown on sheet 6. Route the remaining portion of this Lt green wire to the driver side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 4. Route the remaining portion of this Lt green wire to the passenger side inner headlight, trim to length, double this wire with the cutoff portion, install terminal B, and plug this terminal into connector T as shown on sheet 6. Route the remaining portion of this Lt green wire to the passenger side outer head light, trim to length, install terminal C, and plug this terminal into connector A as shown on sheet 6.
M				
N		BLACK	Ground	Starting with the ring terminal, find the grounding location for this wire (do not attach it to the car yet) then route this wire to the driver side outer headlight and trim to length. Double this wire with the cutoff portion, install terminal B, and plug this terminal into connector A as shown on sheet 6. Route the remaining portion of this black wire to the driver side inner headlight, trim to length, install terminal C, and plug this terminal into connector T as shown on sheet 6. Attach the ring terminal to the ground location. Repeat this process for the passenger side headlights.
T				

Instructions continued on page 8.

1968 Chevy Fullsize, cont'd.

OTHER WIRING:

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 G as shown on sheet 4. Route the remaining portion of this dk green wire to the second horn, trim to length, install terminal D and plug into connector G as shown on sheet 4. Plug connectors G onto your horns.
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 6, and splice the other end onto your brake sender switch connection (brake switch connection not included in kit).
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 trigger wire for the electric fan relay.
BROWN	Alternator Ign	If using a GM "SI" style or other internally regulated alternator requiring an exciter circuit (not used in a 1 wire configuration), route this wire to the alternator, trim to length, install terminal D and plug this wire into the regulator connector (previously installed from the engine kit 510363, bag J) as shown on page 4.



Electric Speedometer Wiring for all years

ELECTRIC SPEEDOMETER WIRES: These wires should ONLY be used only if your car has an electronic speedometer. Plug them into the main connector as shown on sheets 2, 4, or 6 (depending on the year of your car) of this instruction sheet 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: nce 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.