

OPTIONAL WIRES TO BE PLUGGED INTO THE REAR BODY CONNECTOR

Obtain the rear body wiring harness 510654. If you have an aftermarket third brake light (light blue wire, circuit 17), back-up lights (light green wire, circuit 24), or rear LED tail lights (orange wire, circuit 40), the three wires for these options are in the rear body harness kit, but they are not plugged into the 9-way connector "B". If needed, plug these loose wires into the 9-way connector of the rear body harness connector "B" (see page 1). If the wires are not needed, you will NOT need to plug them into the rear body harness. Connect the rear body harness to the main dash harness 510652.

WIRES INSIDE THE PASSENGER COMPARTMENT

After connecting the 9-way rear body harness connector to the dash harness connector there will be up to three rear body harness wires that will remain in the passenger compartment. These wires are: the third brake light (circuit 17), the fuel gauge sender (circuit 30), and the dome light (circuit 53). Use the original factory retainers (tabs) to attach the wiring to the vehicle.

Third Brake Light (optional) As mentioned, if you have a third brake light obtain the loose light blue "THIRD BRAKE LIGHT" wire (circuit 17) and plug this wire into the 9-way connector "B". Route this wire up the A or B pillar and over to the third brake light. Connect to the third brake light.

<u>Wire Color</u> <u>Printing</u> <u>Wire Number</u>

Light Blue THIRD BRAKE LIGHT 17

<u>Fuel Gauge Sender</u> Obtain the tan "GAS GAUGE" wire (circuit 30) and route it up the A pillar and back down the B pillar and over to the fuel tank sender assembly. Or as an alternative, you may route this wire along the floor and then to the fuel tank sender assembly. Cut to length, slide on small sleeve "**G**", and crimp on ring terminal "**H**" and connect to the fuel tank sender assembly.

Wire Color Printing Wire Number

Tan GAS GAUGE 30

Dome Light If you have a dome light, this light requires a switched 12 volt feed wire, this wire is being provided. Obtain the light blue "12V CTSY SW" wire (circuit 53) and route this wire up the A or B pillar and over to the dome light. Cut to length, slide on large sleeve "K", and crimp on female bullet terminal "M" and connect to the dome light pigtail.

Wire Color Printing Wire Number

Light Blue 12V CTSY SW 53

WIRES OUTSIDE THE PASSENGER COMPARTMENT

Up to five wires: rear running and license light (circuit 9), LH turn (circuit 18), RH turn (circuit 19), back-up lights (circuit 24), and LED tail lights (circuit 40) will route through the firewall and then through the same firewall grommet as the dash harness wires. They will then route down the firewall, along the driver's side frame rail, and to the rear of the vehicle.

NOTE: You will have to replace the connector and terminals on each of your original tail light pigtails with new connectors and terminals. Cut the original molded connectors off of your tail light pigtail and crimp on terminals "J" and plug into the 2-way connector "E" (see page 1 for details).

Rear Running Lights and License Light

This brown wire is the feed to the tail lights and the license light. Obtain the brown "REAR RUNNING LIGHTS" wire (circuit 9) and route this wire to the LH tail light area, cut to length, double this wire with the cut off portion, install terminal "L" and plug into connector "D" (see page 1). Route the loose end of this brown wire to the license light area, cut to length, double this wire with the cut off portion, slide on large sleeve "K", install female bullet terminal "M". Repeat this installation if you have a second license light. Route the loose end of this brown wire to the RH tail light area, cut to length, install terminal "C" and plug into connector "D".

<u>Wire Color</u> <u>Printing</u> <u>Wire Number</u>

Brown REAR RUNNING LIGHTS 9

sheet 2

Left Hand Tail Light Assembly Obtain the yellow "LEFT REAR TURN" wire (circuit 18) and route it to the LH tail light, cut to length, install terminal "C" and plug into the empty cavity of connector "D" (see page 1).

Wire Color **Printing** Wire Number

Yellow **LEFT REAR TURN** 18

Obtain the dark green "RIGHT REAR TURN" wire (circuit 19) and route it to the RH tail light, cut to length, **Right Hand Tail Light Assembly** install terminal "C" and plug into the empty cavity of connector "D" (see page 1).

Wire Number Wire Color **Printing**

Dark Green **RIGHT REAR TURN** 19

Back-Up Lights (optional) As mentioned, if you have the optional back-up lights, obtain the loose light green "BACK UP LT SW" wire (circuit 24) and plug this wire into the 9-way connector "B". This light green wire is the feed for the optional back-up lights. Route this wire to the LH back-up light, cut to length, double this wire with the cut off portion, install large sleeve "K", and crimp on female bullet terminal "M", slide sleeve "K" onto terminal "M", now connect to the LH back-up light. Route the loose end of this light green wire over to the RH back-up light area, cut to length, install sleeve "K", and crimp on terminal "M", slide sleeve "K" onto terminal "M", now connect to the RH back-up light.

Wire Color **Printing Wire Number**

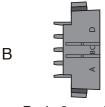
Light Green BACK UP LT SW 24

LED Tail Lights (optional)

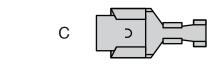
If you have aftermarket LED tail lights that require a 12 volt Battery feed wire, this wire is being provided. As previously mentioned, obtain the loose orange "12V BATTERY - FUSED" wire (circuit 40) and plug this wire into connector "B". Route this wire to the LED tail lights and connect.

D

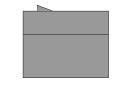
Wire Color	<u>Printing</u>	Wire Number
Orange	12V BATTERY – FUSED	40



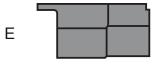
(Rear Body 9-way Pack Con -Reference, 1 pc)



(56 Series single female terminal, 5 pcs)



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



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



(Single male bullet terminal, 7 pcs)



(Small rubber sleeve, 8 pcs)



(ring terminal, 2 pcs)



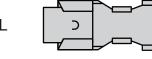
(56 Series single male terminal, 6 pcs)

K

sheet 3



(Large rubber sleeve, 7 pcs)



(56 Series double female terminal, 2 pcs)



(Single female bullet terminal, 7 pcs)

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