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Obtain the Rear Body Harness 510371. If you have Dual Fuel Tanks (white wire), and/or an aftermarket Third Brake Light (light blue wire), and/or aftermarket Rear LED Lights (orange wire), the wires for those options are in the rear Body Harness, but they are not plugged into the 9-way connector. Plug the appropriate loose wire into the 9-way connector of the Rear Body Harness, and be sure to match the wire colors with the mating connector of the Dash Harness 510369. If the wire is not needed, tape it back to the Rear Body Harness. Connect the Rear Body Harness to the Main Dash Harness, route the Rear Body Harness wires through the LH firewall grommet, down the firewall to the back of the truck along the inner side of the driver's frame rail.

LIGHT BLUE Third Brake Light Route and connect to the Third Brake Light.

WHITE Gas Gauge Aux Tank If your truck has an Auxiliary Fuel Tank, route this wire to the Auxiliary Fuel Tank Sending Unit, cut to length, and crimp on terminal D and plug into connector H as shown on sheet 1. Connect to the Auxiliary Fuel Tank Extension Harness B. Install the Fuel Tank Extension Harness onto the Fuel Tank Sending Unit, and attach the ring terminal of the black ground wire to a good chassis ground. NOTE: The Primary Fuel Tank is located in the Cab and is connected to the Cab Harness and does not connect to the Rear Body Harness.

NOTE: For the Tail Lamp Assemblies, you will reuse the lamp sockets and wiring pigtails, but will need to change the connectors. Cut off the factory original Park/Turn Lamp connector and the Back-up Lamp connector. Crimp on terminal C to each wire and install the factory Tail Lamp wire (brown) and the factory turn signal wire (green or yellow/black) into AAW 2-way connector G (see sheet 1). Crimp on terminal C to the factory back-up light wire (black with a red stripe) and plug into AAW 1-way connector J (see sheet 1).

NOTE: There are two different ways to connect the brown wires. The 1967-1969 trucks did not use Side Marker Lamps, whereas the 1970-1972 trucks did. We have provided two Side Marker Lamp pigtails M, with a ground wire and ring terminal fully terminated that are ready for installation. Please take note of your application and connect the brown wires accordingly.

BROWN Rear Running Lights (1967-1969 without Side Marker Lamps) Route this wire to the LH Tail Lamp area, cut to length, double this wire with the cut off portion, install terminal E and plug into connector F (see sheet 1). Route the loose end of this brown wire to the License Lamp area, cut to length, double this wire with the cut off portion, slide on sleeve L, install terminal K, and slide the sleeve over terminal K. Repeat this procedure if you have a second License Lamp. Route the loose end of this brown wire to the RH Tail Lamp area, cut to length, install terminal D and plug into connector F as shown on sheet 1.

(1970-1972 with rear Side Marker Lamps) Route this wire to the Rear LH Side Marker Lamp area, cut to length, double this wire with the cut off portion, install terminal N and plug into the empty cavity of one of the Side Marker pigtails M (shown on sheet 1). Route the loose end of this wire to the LH Tail Lamp area, cut to length, double this wire with the cut off portion, install terminal E and plug into connector F (see sheet 1). Route the loose end of this brown wire to the License Lamp area, cut to length, double this wire with the cut off portion, slide on sleeve L, install terminal K, and slide the sleeve over terminal K. Repeat this procedure if you have a second License Lamp. Route the loose end of this brown wire to the RH Tail Lamp area, cut to length, install terminal E and plug into connector F as shown on sheet 1. Route the loose end of this brown wire to the RH Side Marker Lamp area, cut to length, install terminal P and plug into the empty cavity of the other Side Marker pigtail M as shown on sheet 1.

BLACK Grounds (1970-1972 with Side Marker Lamps) There are black ground wires installed in each Side Marker Extension M. The black ground wires with the ring terminals should be attached to a good chassis ground.

YELLOW LH Stop/Turn Route this wire to the LH Tail Light, cut to length, install terminal D, and plug into the empty cavity of connector F as shown on sheet 1.

DARK GREEN RH Stop/Turn Route this wire to the RH Tail Light, cut to length, install terminal D, and plug into the empty cavity of connector F as shown on sheet 1.

LIGHT GREEN Back-Up Lamp Feed Route this wire to the LH Back-Up Lamp, cut to length, double this wire with the cut off portion, install terminal E, and plug into connector H as shown on sheet 1. Route the loose end of this light green wire over to the RH Back-Up Lamp area, cut to length, install terminal D, and plug into connector H as shown on sheet 1.

ORANGE 12V Battery Fused If your truck has aftermarket Rear LED Tail Lights, and requires a full time 12 volt battery feed, route this wire to the Rear LED Tail Lights and connect per the manufacturer's recommendations.