



## 13 Fuse Chassis Harness

*Thank you for your purchase from Larry's Electric. To help aid in a successful installation, I have included instructions. Please take the time to familiarize yourself with all the components and instructions before installing. In addition to the instructions and harness you will need these basic tools a drill, wire cutters, soldering tools, 12 volt test light, and a basic understanding of the proper use of these tools. This wiring kit doesn't have all of the components needed to completely wire your vehicle, in addition you will need (switches, light sockets, etc.)*

- First remove your harness from the box and take a look at the different parts. At this time you will want to determine as to where you will mount the fuse panel. (It is my suggestion that it be mounted to the left of the steering column on the fire wall.) **DO NOT CUT ANY WIRE TIES UNTIL AFTER YOU HAVE MOUNTED THE PANEL.**
- Next connect the ignition switch, this only requires you to route your wires from the panel to the column, and plug in the connectors. At this time you may also connect your turn signal switch on the column, and the dimmer switch if your column is so equipped.
- Now locate where to mount the headlight switch, when done, route your wires to the switch, and plug it in.
- Now cut the wire ties that hold the wires in bundle only (do one group at a time). **DO NOT CUT THE TIES THAT HOLD THE WIRES INTO A LOOM.** Starting with the group for under the dash (gauges, heater, windshield wiper, and radio.) route these wires to the proper place. The wires for the fuel, oil, and the temperature can and should be pulled back in the loom as you may need the extra length on the other end. All of the others can be cut fit.

Wires are to be connected as follows:

(pink) power to gauge: power to gauge set + on gauges.

(brown) heater a/c.: power to heat & air cond. controls.

(yellow) radio: on/off ignition power to radio.

(orange) radio memory: bat power for radio

(gray) dash lights: power to dash lights.

(tan) fuel meter: sender wire from fuel tank to fuel gauge.

(blue) oil gauge: sender wire from oil pressure send to oil gauge.

(green) temp gauge: sender wire from water temperature sender to temp gauge.

(16ga blue) windshield wiper: power to windshield wiper control.

(dk blue) RH turn: power to right hand turn indicator light.

(lt blue) LH turn: power to left hand turn indicator light.

(green) power to high beam indicator light.

(14ga blue) a.c. clutch: control wire from a/c to air cond. compressor clutch.

- Mount the dimmer switch and plug in the connection, unless you have a column mounted switch, then all that is needed is to plug it in.
- The next group of wires should be routed down on the floor, on driver's side to the rear of the vehicle. The dome and door switch wires can be run on the floor or they can be installed overhead which ever suits your needs.

(tan) fuel meter: sender wire to be connected to fuel level sender in tank.

(orange) dome light: power to dome light or courtesy lights.

(white) door switches: to be connected to door operated switches that will ground this circuit when door is open, and to the negative side of dome light or courtesy light.

(white) 3rd stop light: power to 3rd brake light.

(brown) tail light: power to tail lights, side markers, license, plate light. (extra length for included)

(yellow) L.H. turn/stop: power to left rear turn and stop light.

(green) R.H. turn/stop: power to right rear turn and stop light.

- The last group of wires should be routed through the fire wall, the engine wires are to come up the back of the engine and over it to the front to the alternator and the compressor. The wires for the lights should be routed along the frame on driver side to front, then cross over to passenger side.

(10ga red) battery: power supply from battery to be connected to battery post on starter motor.

(10ga red) alternator: power supply from alternator to be connected to main output post of the alternator. (extra length included see note below)

(8ga red) alternator: Connect this wire between the alternator and battery hot on starter if using an alternator larger than 80 amps

(brown) alternator exciter: power to alternator to turn it on (not used if using one wire alternator).

(pink) ignition coil: power to ignition coil (a resister is needed if using a point type system).

(purple) starter sol: power to starter Solenoid (if using a neutral safety switch it is put in series of this wire).

(black) horn: power to horns.

(16ga lt green) head light high: power to high beam of head lights.

(16ga tan) head light low: power to low beam of head lights.

(tan) parking light: power to front parking lights.

(lt blue) L.H. turn: power to front turn signal light.

(dark blue) R.H. turn: power to front turn signal light.

(12ga Green) Cooling fan: 12 volt bat power for electric fans

(green) temp gauge: sender wire for water temperature, connect to temp. sending unit.

(blue) oil gauge: sender wire to engine oil pressure, connect to oil press sending unit.

(14ga blue) A.C. clutch: control wire from a/c thermostat, connect to compressor clutch.

*WHEN YOU SPLICING ANY WIRE YOU SHOULD SOLDER IT WITH A ROSIN CORE TYPE SOLDER, THEN COVER IT WITH SHRINK TUBING OR ELECTRICAL TAPE. TO MAKE THE JOB LOOK ITS BEST, AFTER CONNECTING ALL THE WIRES, YOU MAY WANT TO USE ELECTRICAL TAPE OR SPIT LOOM AND COVER THE WIRES.*

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