

What's Included:

- 1) 5801 Gauge Side Harness
- 2) 5802 Vehicle Side Harness
- 3) 5803 Connector Kit
- 4) 500626 LED Kit

Recommended Tools and Supplies:

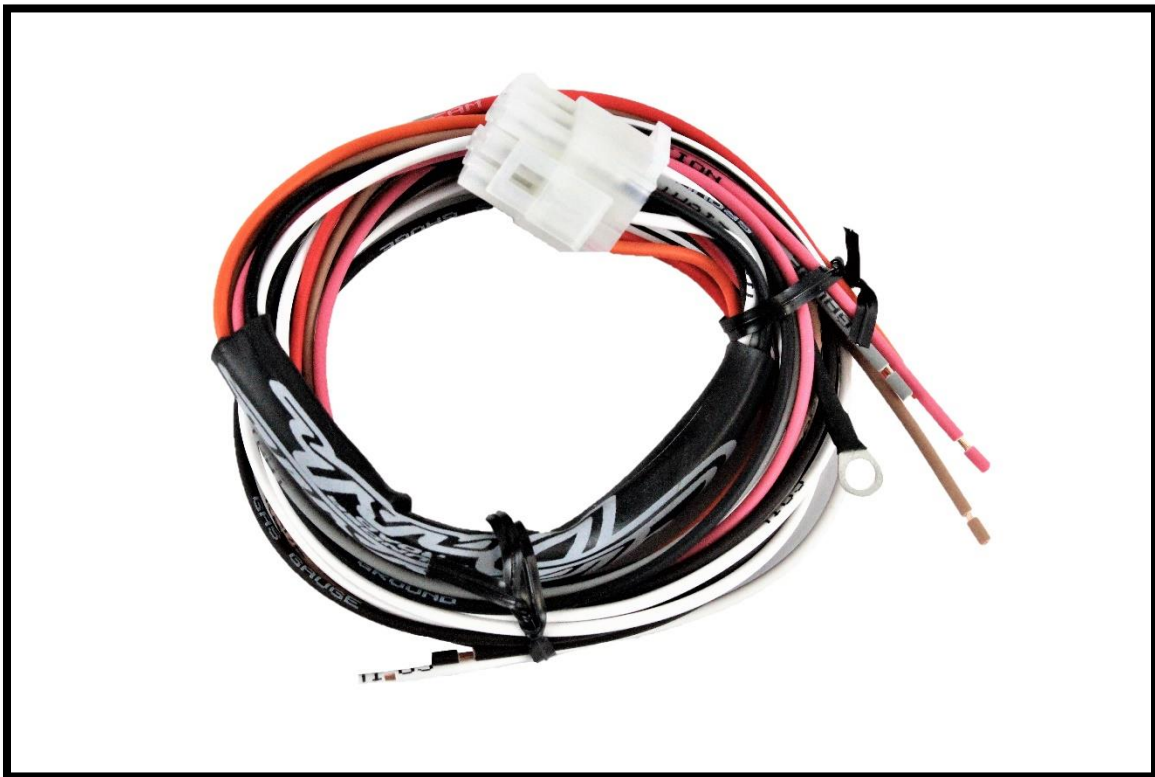
- Side cutter or “dykes” pliers
- Soldering iron with solder (or “red” butt connectors)
- Electrical/crimping pliers
- Multi-meter (voltage tester)
- Drill motor
- 5/32" drill bit
- Crazy glue
- Center punch / ice pick
- Tape measure
- Screwdrivers (Phillips & blade type)
- Razor blade / box cutter
- Open end wrench or socket set (3/8" through 9/16")
- Heating device for shrink wrap tubing



5801 Vehicle Side Harness

We recommend starting with your vehicle side of the harness because this harness will be permanently wired and installed in your vehicle. This harness consists of 9 wires, all of which will need to run to the factory wiring harness and engine compartment.

- 1) The **BLACK** wire will be hard wired into any good chassis GROUND.
- 2) The **GRAY** wire will be hard wired into the GAUGE LIGHTS wire that comes from the light switch.
- 3) The short **PINK** wire will be hard wired to a 12V IGNITION keyed ignition wire.
- 4) The **WHITE** wire will run to the negative side of the coil if you have a distributor. If you have an ignition box, you will connect the white wire to the tachometer output signal wire on box.
- 5) The **BROWN** wire will be hard wired into the FUEL gauge wire.²
- 6) The **TAN** wire will be hard wired into the emergency brake switch.
- 7) The **ORANGE** wire will be hard wired into the stock LEFT TURN signal wire.
- 8) The **RED** wire will be hard wired into the stock HIGH BEAM wire.
- 9) The **BLACK / WHITE** striped wire will be hard wired into the stock RIGHT TURN signal wire.



5802 Gauge Side Harness

After you've installed the vehicle side harness, it's time to install the gauge side harness. This harness consists of 17 wires and one speedometer connector to connect your speedometer, tachometer, fuel level, oil pressure, water temp and voltmeter gauges. The pigtail will plug directly into the vehicle side harness pigtail.

Speedometer Gauge – BLACK (GROUND), GRAY (GAUGE LIGHT)

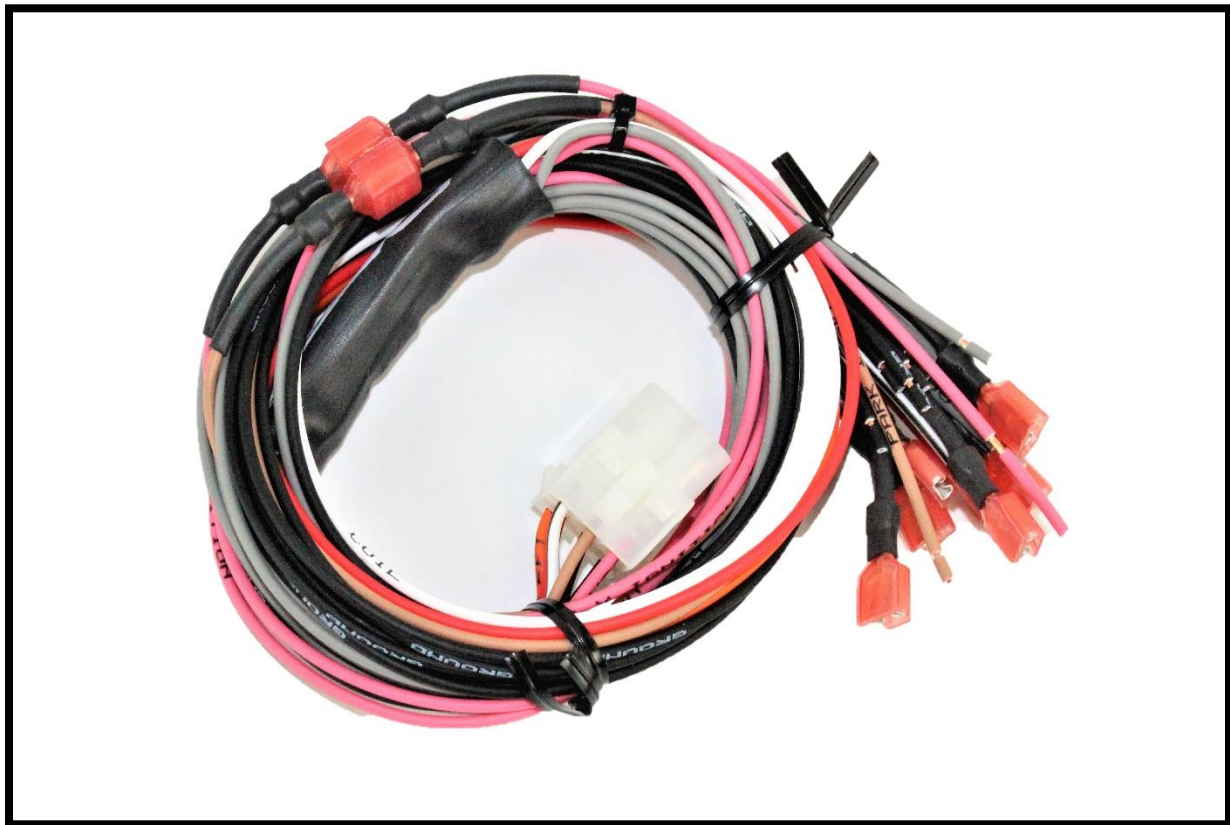
Tachometer Gauge – WHITE (SIGNAL), PINK (IGNITION), BLACK (GROUND), GRAY (GAUGE LIGHT)

Fuel Level Gauge – BROWN (SIGNAL), PINK (IGNITION), BLACK (GROUND), GRAY (GAUGE LIGHT)

Voltmeter Gauge – PINK (IGNITION), BLACK (GROUND), GRAY (GAUGE LIGHT)

Oil Pressure Gauge – BLACK (GROUND), GRAY (GAUGE LIGHT)

Water Temperature Gauge – BLACK (GROUND), GRAY (GAUGE LIGHT)



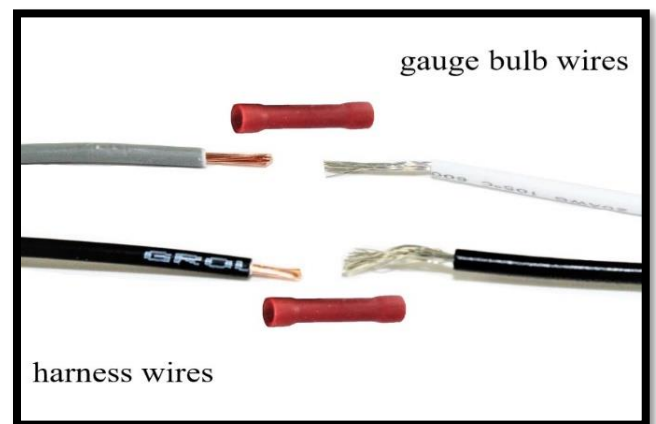
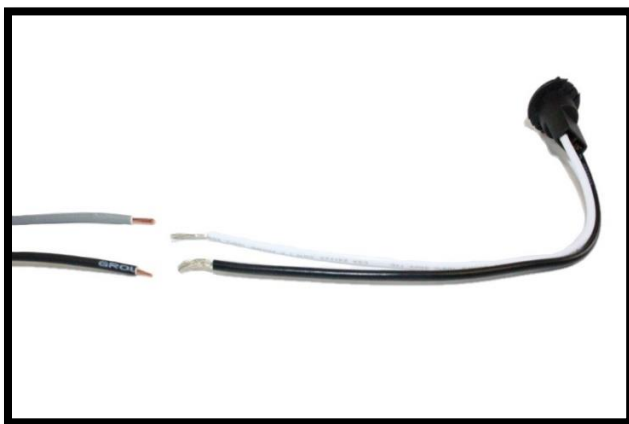
5800 - Mechanical Gauge Wiring Harness

Most of your gauges will have twist-in, incandescent light bulbs (LED upgrade available). There will be two wires (black and white) coming out of the socket that will need to be connected to a power source and a ground. Use the connector kit to connect the gauge light wires to the harness.



The **BLACK** wires in the harness are the **GROUND** wires.

The **GRAY** wires in the harness are the **GAUGE LIGHT** power wires.



Use the 3 way ring terminals (included) if you are using a 5" speedometer and tachometer. The 5" gauges have 2 gauge lights in them and require power and ground to each light. Utilize the 3 way ring terminal to connect the two light GROUND wires to the harness GROUND. Use another 3 way ring terminal to connect the two light GAUGE LIGHT wires to the harness. Repeat for the other 5" gauge.

Speedometer Gauge



The speedometer will have 2 wires to connect:

- **BLACK** ground wire (GND)
- **GRAY** gauge light wire (LT)

Most aftermarket mechanical speedometer will require an adapter to connect to the speedo cable (sold separately). For GM and MOPAR vehicles, use PN# 200-00-3000. For Ford and Chrysler vehicles, use PN# 200-00-4000.



Tachometer Gauge



The tachometer will have 4 wires to connect:

- **WHITE** signal wire (SEND)
- **PINK** ignition wire (IGN)
- **BLACK** ground wire (GND)
- **GRAY** gauge light wire (LT)

Fuel Level Gauge



The fuel level gauge will have 4 wires to connect:

- **BROWN** signal wire (SEND)
- **PINK** ignition wire (IGN)
- **BLACK** ground wire (GND)
- **GRAY** gauge light wire (LT)

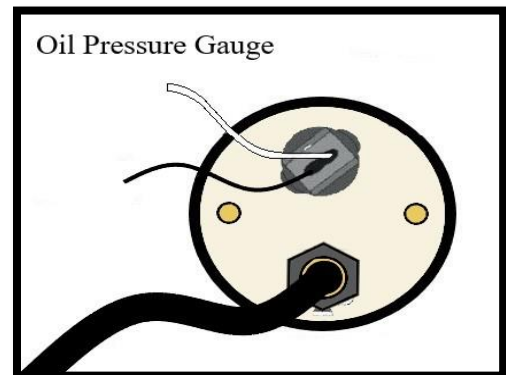
Voltmeter Gauge



The voltmeter gauge will have 3 wires to connect:

- **PINK** ignition wire (IGN)
- **BLACK** ground wire (GND)
- **GRAY** gauge light wire (LT)

Oil Pressure and Water Temperature Gauges



The oil pressure and water temperature gauge will have 2 wires to connect:

- **BLACK** ground wire (GND)
- **GRAY** gauge light wire (LT)