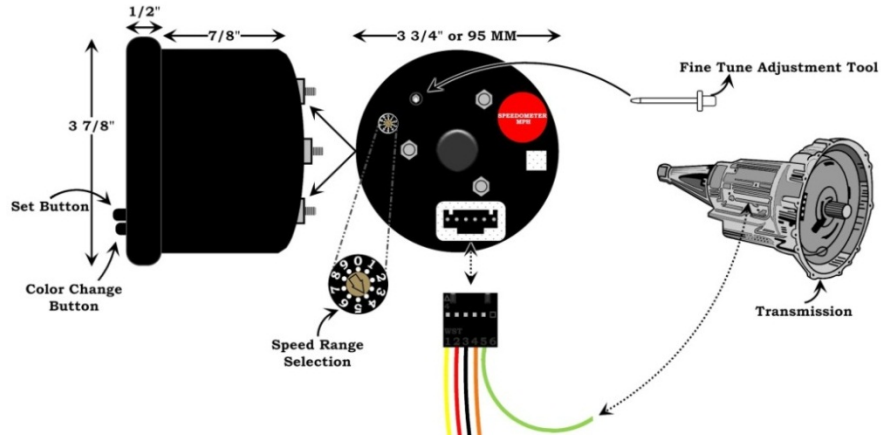


7 Color Series 3 3/4 Inch In-Dash Kilometer Speedometer

For Product Number: GS-T717-KM, GS-C717-KM, and GS-W717-KM



Power Wire Harness Color Code

Yellow: 12v Constant Source (+) (un-switched)	Orange: 12v Switched Headlamp Source (+) (optional)
Red: 12v Ignition Source (+) (switched)	Green: Speed Sensor Signal Wire
Black: Vehicle Ground (-)	

1. Disconnect the vehicle's negative battery cable.

Connecting the Power Wire Harness

2. To make the wiring of your gauges easier you can purchase an expandable circuit. This component easily fits into your fuse panel and provides an additional fused power wire for accessories such as gauges. The expandable circuit is available for purchase at www.GlowShift.com.

3. Run the **green wire** from the back of the gauge, through the firewall to the location of the speedometer signal wire. Cut or splice the wire so that the speedometer signal wire can be connected inline to receive the speed signal. Make sure all connections are covered, fastened and sealed correctly to ensure proper operation and accuracy.

- **Note:** Be sure to use a grommet when routing wires through the firewall to protect them from stripping and damage.
- **Note:** If your vehicle has a speed driven speedometer cable an electronic speed sensor is required.

4. Using automotive grade wiring (18 gauge); connect the **yellow wire** to a positive 12 volt **constant (un-switched)** source either on the vehicle or in the fuse box.

- **Note:** If you are connecting the yellow wire directly to the battery, you **MUST** install a 3 amp fuse within 6-8 inches of the battery connection.

5. Using automotive grade wiring (18 gauge); connect the **red wire** to a positive 12 volt **ignition (switched)** source. It may be connected to the fuse panel, an accessory wire, or any positive 12 volt source that turns on and off with the ignition.

6. Using automotive grade wiring (18 gauge); connect the **black wire** to any good (unpainted) ground connection. You may also route a wire directly to the negative side of the vehicle's battery.

7. The Night Time Dimming feature decreases the brightness of the gauge face by 30%. Connect the orange wire to the 12 volt positive headlamp source. This allows the mode to be activated when the headlights come on. This step is optional and will not affect operation of the gauge if it is omitted.

- **Note:** Do not connect the orange wire to a dimmer wheel. This will cause the gauge lighting to flicker.

8. Speed Range Selection:

- Adjust the dial switch on the back of the gauge to an approximate range.
 - Move the switch from 0,9,8,7,6,5,4,3,2,1 to narrow the speed range.
 - Move the switch from 1,2,3,4,5,6,7,8,9,0 to widen the speed range.
- Once you have an approximate setting, fine tune the gauge by using the adjustment knob on the back of the gauge. Turn the knob to pinpoint the exact KPH by using your stock gauge. If you cannot get the KPH correct you will have to adjust the switch.
- To ensure proper calibration of the speed range selection, remove power from the gauge, change the selection setting, and reapply power to the gauge.

9. Reconnect the vehicle's negative battery cable.

- If your gauge(s) do not illuminate or do not recall your last saved color, your switched and un-switched sources are reversed.
- If your gauge(s) only illuminate red then the yellow wire for constant source is not connected properly.
- Be sure all of your wiring is correct to ensure proper gauge operation.

10. To switch between the two resettable trip meters, press the button on the front of the gauge. To clear either one of the trip meters, select either trip A or B then press and hold the set button.

Additional Installation Information & Material Requirements

- **GlowShift Gauges Approved Conductor Wires:** Successfully installing GlowShift Gauges may require lengths of wire (sizes and quantity depend on vehicle, gauge type, gauge location and / or sensor location). For correct and proper GlowShift Gauge installation and operation, the use of 18 Gauge (wire diameter) automotive grade conductor wire with sheathing is recommended for one or more gauges per vehicle. When installing and routing wires from the engine compartment, to inside the vehicle cabin, always employ the use of a rubber grommet. This will prevent and deter the stripping of power supply and / or sensor wires that is necessary to deliver vital statistics about your engine to your GlowShift engine monitoring instruments. Never use wire nuts to fasten or bound vehicle / gauge or sensor wiring. Always use securing crimp connectors or solder individual wire junctions together for optimum gauge installation and operation.
- **GlowShift Gauges Approved Installation Accessories:** GlowShift Gauges may require the installer or user to provide additional products, accessories or adapters for the correct installation and operation of a gauge or sensor, as per the GlowShift Installation Instructions. When installing and routing hoses to or from the engine compartment, to inside the vehicle cabin, always employ the use of a rubber grommet. This will prevent and deter the stretching or pinching of hoses that is necessary to deliver vital statistics about your engine to your GlowShift engine monitoring instruments.
- **GlowShift Gauges Installation Instructions:** Installation documents are solely to provide a guide for individuals that are mechanically and electronically able to install products. If you are unsure about the correct procedure of installation for a product or device, you should consult a licensed professional.