



MPH Tachometer Kit KPH Tachometer Kit for Diesel-powered Workman® 3000/4000 Series Vehicles

Model Nos. 105-9499 and 105-9501

Form No. 3327-456 Rev B

Installation Instructions

Contents of the Kit

DESCRIPTION	QUANTITY
Tachometer assembly	1
Ignition trigger	1
Phillips screw	1
Hex screw	1

Installing the Kit

1. Turn the lights off, remove the key from the ignition switch, and set the parking brake.
2. Remove the plug from the hole in the dash panel.
3. Locate the wire harness under the dash and cut the wire tie that secures the tachometer wires to the frame.
4. Pull the wires or connector through the hole in the dash and carefully cut off the plastic shielding around the wire terminals.
5. Remove the 2 hex nuts that secure the tachometer clamp to the tachometer (Fig. 1).

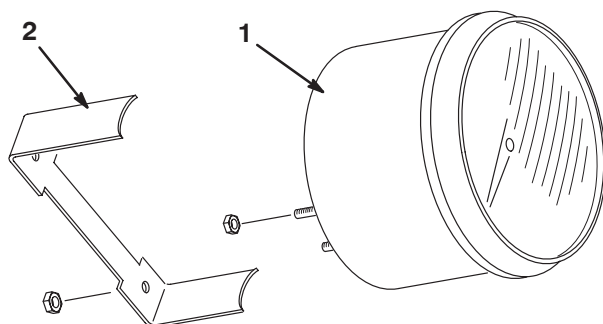


Figure 1

1. Tachometer 2. Tachometer clamp

6. Remove the 4 hex nuts from the tachometer terminal posts.

Note: For vehicles with serial numbers 240000001 and up, go to step 8.

7. Connect the appropriate colored wires from the wire harness to the appropriate terminals on the back of the tachometer with hex nuts as shown in Figure 2.

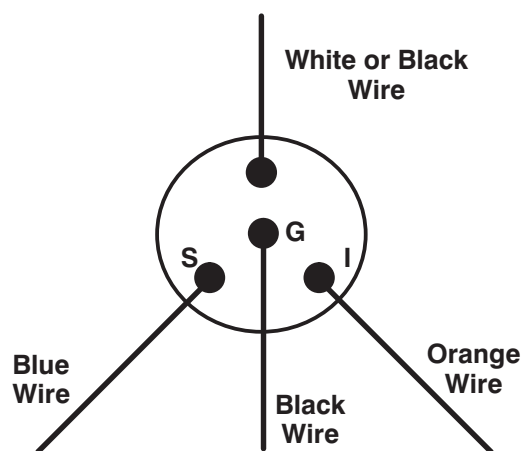


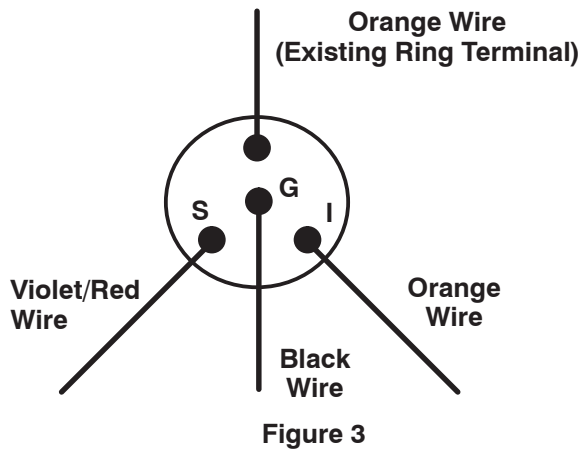
Figure 2

Note: Set the cylinder selector switch, located on the back of the tachometer, to position **A** (Daihatsu engine) or to position **6** (Mitsubishi engine).

Note: For vehicles with serial numbers 239999999 and lower, go to step 11.

8. Remove the tachometer plug from the wire harness.
9. Attach the ring terminals to the terminated wires (4-6 ring terminal not supplied).

10. Connect the appropriate colored wires from the wire harness to the appropriate terminals on the back of the tachometer with hex nuts as shown in Figure 3.



Note: Set the cylinder selector switch, located on the back of the tachometer, to position **A** (Daihatsu engine) or to position **6** (Mitsubishi engine).

11. Install the sensor of the ignition trigger to the front of the engine with the Phillips screw and the hex screw supplied in the kit as shown in Figure 4 (Daihatsu engine only).

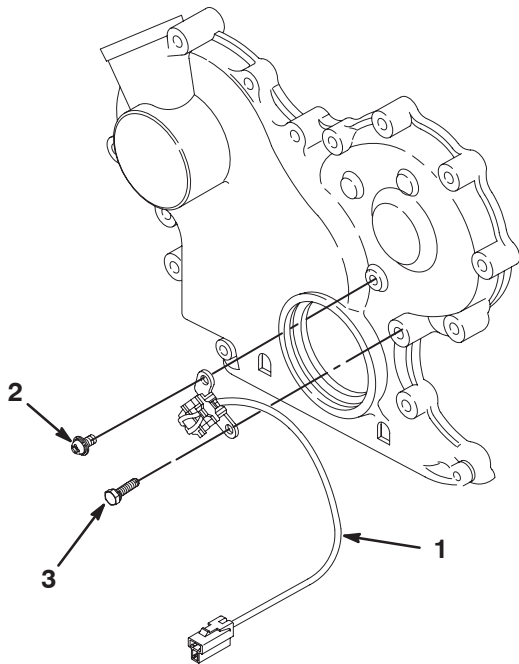


Figure 4

- | | |
|---------------------|--------------|
| 1. Ignition trigger | 3. Hex screw |
| 2. Phillips screw | |

12. Connect the other end of the ignition trigger to the connector on the wire harness (Daihatsu engine only).

13. Before you install the tachometer in the vehicle dash, verify the calibration as follows:

- A. Ensure that the tachometer contacts are not touching any metal parts of the vehicle.
- B. Move the shift lever to the neutral position, and start the engine.
- C. With the engine running at high idle, verify the reading on the new tachometer with another tachometer.
- D. Adjust the calibration as required by rotating the screw in the **CAL** hole in back of the tachometer.
- E. Stop the engine.

14. Insert the tachometer into the hole in the dash.

15. Secure the tachometer to the underside of the dash with the tachometer clamp and 2 hex nuts.