

V-Twin Mfg.

60MM Electric Speedometer, Black Face W/White Graphics w/out Odometer

Fits 1988-UP XL

VT Part No. 39-0204

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Introduction: These instructions describe the procedure for properly installing the VT No. 39-0575 Electronic Mini Speedometer. Review all instructions carefully before beginning, as they contain important information.

Caution: We recommend that all electrical connections be made with solder and covered with heat shrink tube for safety and reliability.

Note: These instructions are not for one model specifically. Your motorcycle may differ slightly from what is described in the instructions, but installation should be similar. You will need a wiring schematic for your motorcycle to wire this speedometer correctly.

Installation Instructions:

1. Disconnect the battery.
2. Refer to the appropriate factory service manual and remove the OEM speedometer.
3. Mount the new speedometer in the desired location.
4. Observe the location of the two large black wires exiting from the rear of the speedometer. You will notice that one exits at the center of the back, which is for the sensor, and the other black wire exits from the lower rear of the back, which powers the speedo and illumination light.
5. Locate and route the wire exiting from the center of the rear of the speedo to the existing OEM speedometer sensor wiring. You may extend or shorten the speedo wires as needed.

NOTE: Solder all electrical connections and cover with heat shrink tube, or use OEM-style electrical connectors.

6. The OEM speedometer sensor will have three wires: one red, one white, and one black. Connect the wires as follows:
7. Connect the red wire from the speedometer sensor with the red wire from the speedometer.
8. Connect the black wire from the speedometer sensor to the black wire from the speedometer.
9. Connect the white wire from the speedometer sensor to the green wire from the speedometer.
10. Locate the thick black wire that exits from the bottom of the rear of the speedometer.
11. Route the red wire to a switched 12V power source that is protected by a fuse.
12. Route the black wire to a ground terminal on the frame or the negative battery terminal.
13. Route the green wire to a wire on the lighting circuit. You may alternately wire the green wire with the red wire in step 11. This will allow the illumination light to be lit whenever the ignition is on.
14. Check all wire routing to make sure that there are no pinched wires and that all wires are secured from any moving parts.
15. Reconnect the positive battery cable and check operation of all electrical components before test-riding the motorcycle.

These wires to the main wiring harness

Red, +12 Volt Ignition

Black, ground

Green, lights

These wires to the speedometer sensor

Red, +12 Volt Sensor Power

Black, ground

Green, signal

