

## PERFORMANCE MACHINE LIMITED WARRANTY INFORMATION

Performance Machine warrants to the original purchaser that the parts of this fuel level gauge to be free of manufacturing defects in materials and workmanship for a period of one (1) year from the date of purchase. In the event warranty service is required, you must call Performance Machine immediately with a description of the problem.

If it is deemed necessary for Performance Machine to make an evaluation to determine whether the part is defective, a return authorization number will be given by Performance machine. The parts must be packaged properly so as to not cause further damage and returned prepaid to Performance Machine with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem. If after the evaluation by Performance Machine the part was found to be defective it will be repaired or replaced at no cost to you. If we replace it, we may replace it with a reconditioned one of the same design.

Performance Machine shall not be held liable for any consequential or incidental damages resulting from the failure of a Performance Machine part.

Performance Machine shall have no obligation if a part becomes defective as a result of improper installation or abuse.

## IMPORTANT NOTICE

Before installing this fuel level gauge, read through these instructions completely; this will familiarize you with the way in which the parts fit together and the tools needed to complete the job.

The PM fuel level gauge involves alterations to your motorcycle and may void your factory warranty. PM **STRONGLY** recommends this installation be done by an experienced motorcycle mechanic.

## DISCLAIMER

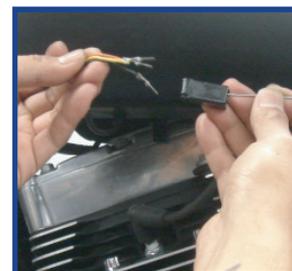
These Performance Machine parts are designed for high performance motorcycle applications and are intended for the very experienced rider only. The installation of these Performance Machine parts may adversely effect or void your factory warranty.

## PM FUEL LEVEL GAUGE INSTALLATION

1. Place motorcycle securely on a lift or sidestand, turn off ignition, and disconnect the battery.
2. Locate and disconnect the fuel gauge wiring harness connector under the fuel tank.  
**Note:** some models may require removal of the fuel tank for easier access to the harness. Consult your HD service manual for detailed instructions.



3. Remove the factory fuel level gauge by cutting the wires or de-pinning the connector and pulling the wires through the fuel tank wiring hole.





## PERFORMANCE MACHINE FUEL LEVEL GAUGE INSTALLATION (CONTINUED)

4. Disconnect the wire harness from the back of the PM fuel level gauge and route the wires through the factory tank wiring hole. Set the wire length by pulling the wires approximately 2-3" above the tank. If reusing the factory HD harness connector cut and solder the corresponding wires as shown in Fig A below.



Fig A.

**ORANGE** = +12V FUSED POWER  
**YELLOW** = FUEL SENDER SIGNAL  
**BLACK** = GROUND

5. Reconnect the PM fuel level gauge to the harness, reconnect the battery, and turn on the ignition. Verify the PM fuel level gauge lights up.

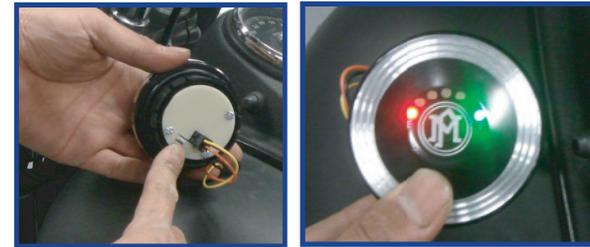


## PERFORMANCE MACHINE FUEL LEVEL GAUGE CALIBRATION

6. Setting the low fuel level point:

6.1. DRAIN THE FUEL TANK COMPLETELY.

6.2. With the ignition on, push and hold the calibration button on the backside of the PM fuel gauge for 2-3 seconds until the red LED flashes and the green LED flashes on the far right simultaneously. You are now in calibration mode.



6.3. After approximately 5 seconds the red LED will stay on once the low level is calibrated.

6.4. With the ignition still on FILL THE TANK COMPLETELY.

6.5. Once the tank is full after approximately 5 seconds the green LED will stay on and the high level is calibrated.

6.6. Turn off the ignition and the calibration is complete.

7. Install the PM fuel level gauge into the tank. **Note:** large rib on the plastic base goes to the rear of the bike and the narrow rib to the front.

### Troubleshooting:

**If low fuel level calibration is unsuccessful:** make sure the tank is completely empty and if necessary remove the fuel level sender to verify the sender is at the lowest level and repeat the calibration procedure.

**If high level calibration is unsuccessful:** make sure tank is completely full and if necessary remove the fuel level sender to verify the sender is at the highest level and repeat the calibration procedure.

### CONTACT INFORMATION

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