

When using the wire in the fairing please only use one positive wire and one negative wire. Do not use any other. You can take the wire from the gauge that is there now. Before you take the wire from the gauge on the bike make sure that you mark what it is positive wire or negative.

Take this bolt out and put the sensor here.



Head Temp Installation Instruction

CAUTION: Disconnect the battery before installation. You need to put a quality ring terminal on end of the wire you choose. You will need to bend down the ring terminals so they will not hit the side of the cup or you will have a short. If you only use the wire, use two washers and put the wire between them. Tighten the nuts on the back of gauge only slightly more than you can tighten with your fingers. Six inch-pounds is sufficient. Over tightening could result in damaging the instrument and may void your warranty.

1. Temperature senders are available from Marlin Corporation
2. Be certain to use stranded insulated wire, not lighter than 18 gauge. It is recommended that the insulated wire terminals are preferable ring type to be used on all connections on the gauge or there are two copper washers that the wire can go between. The sender uses a blade type terminal that comes with the sender. There is also a black boot that should go over the sender head.

Where do I place the **sending unit**? You need to put the sending unit where it will sit flat on the rocker box or an engine mount coming from the heads under the gas tank left hand side. You will need a little longer allen screw and you will need to get a spacer that will allow the sensor to sit flush to the valve cover, and will allow you to tighten the screw properly. These are only suggestions.

3. Connect a wire to the gauge stud **marked "S" (signal)** and secure with nut and lockwasher. Connect the opposite end of the wire to the terminal provided. Snap the terminal to the top of head sensor stud.

CAUTION -- Be certain the wire insulation is not in danger of melting from engine or exhaust heat or interfering with moving mechanical parts.

5. Connect a wire to the gauge stud marked "GND" (ground) and secure with nut and lockwasher. Connect opposite end to the motorcycle electrical ground, generally available from several locations.
6. Connect a wire to the gauge stud marked "I" (ignition) and secure with nut and lockwasher. Connect opposite end to a 12VDC **+** circuit that is activated by the ignition switch.
7. Connect the blade terminal adjacent to the twist-out light assembly to the positive **"+"** side of the instrument lighting circuit. No separate ground is required for lighting.

Reconnect the battery.

8. Rock mount only you must make sure that the 3 legs on the back of the gauge will not hit the inside of the cup use the black caps. If you are just using the gauge, make sure that the 3 legs with the wire will be insulated properly.

NOTE: To change the light bulb, twist black socket assembly one-eighth turn counterclockwise until it pops out. Pull bulb out of socket assembly. It is a GE No. 16 instrument lamp.

For rocker box mount only to remove the temp gauge from the cup, push a long allen wrench in the bottom hole or the hole on the side, and push the gauge out.

If you have the mount with the oil gauge put the set screw through the cup and then tighten it against the oil gauge and that will hold that in place.

You will put the temp gauge cup in the mount the way it is best for you and tighten the set screw against the cup to hold it in place.

The temp gauge will be held in place by pushing on the chrome ring on the gauge and the rubber will hold the gauge in place just fine.

Our oil gauge is available in white or black face is \$38.95

Marlin's 1/8 NPT rear mount liquid filled oil pressure gauges are premium quality.

Available in 0-60 or 0-100 PSI We have these gauges in a white face or black face.

The gauge housing 1 9/16" the face is 1 3/8". We made the numbers larger so you can see them without squinting.