

# INSTALLATION INSTRUCTIONS

## 80m/m PYROMETER W/WARNING LIGHT

### SMOKE LENS SERIES

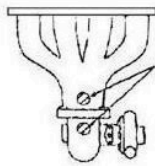
STEPMOTOR MOVMENT

WHITE LED DISPLAY

#### 4 EXHAUST GAS TEMP SENSOR INSTALLATION

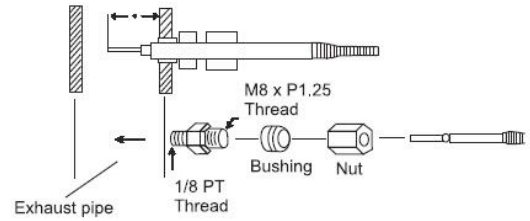


(Diagram A)



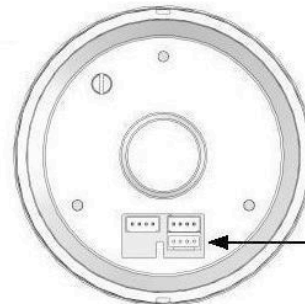
Drill a hole  
On either position  
And installing the  
1/8 NPT thread jointer

Sensor is placed in 1/3~1/2 depth of the exhaust hose

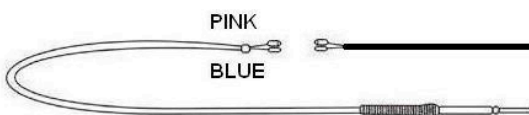


1. After deciding the position to install the sensor, you should drill a hole of 1/8NPT thread. Clean the hole and be sure to avoid any iron scrap falling into the hole. (see diagram A)

2. First secure 1/8NPT adapter into the hole by hand, and then turn 1.5-2.5 threads using 12m/m wrench with torque of around 0.3-0.5 kgfm.

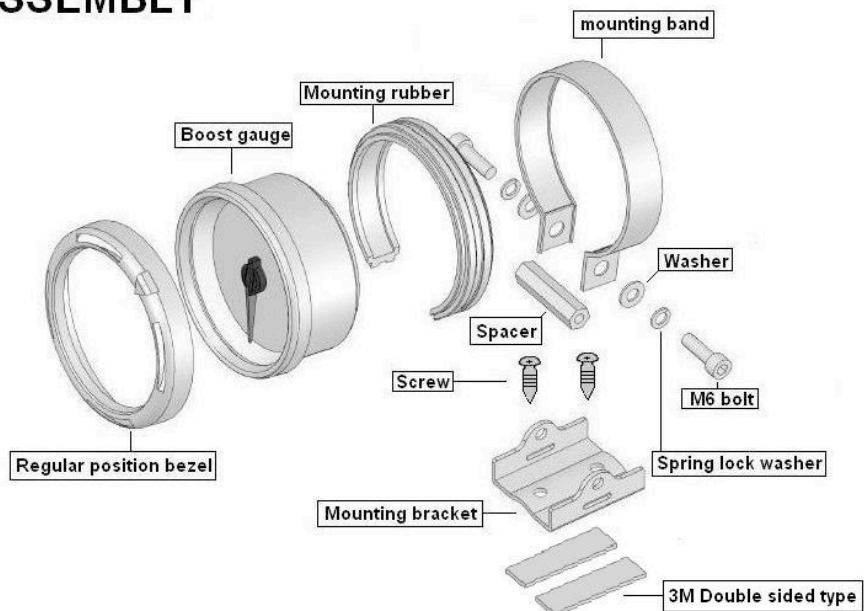


Connector for sensor wire



Yellow Connector

#### 5 PYROMETER ASSEMBLY



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#### 1 BEFORE YOU START

1. Read instructions completely before installation.
2. Install pyrometer only when engine is cool and ignition is off.
3. Make sure all necessary tools, materials, and parts are on hand.
4. Disconnect negative (-) battery cable before installing Boost Gauge.
5. Make sure mounting location does not impair visibility of interfere with driving. Also check behind the mounting location for any wiring or components before drilling.

NOTE: It may be necessary to reprogram your radio, clock, etc. after reconnecting the battery.

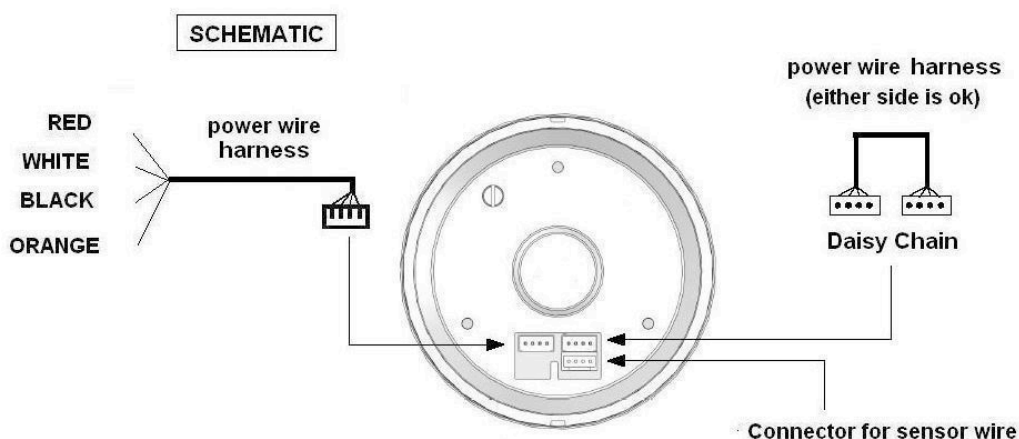
6. When connecting electrical wire, install crimp terminals and make wire splices as needed. ALWAYS insulate wire splices with electrical tape to prevent shorting.
7. Follow all necessary safety procedures for protection.
8. Before installation, please make sure that the exhaust hose and engine both cool off completely.
9. You should have minimum knowledge of car mechanical. You may consult with your car repair shop for assistance before installing, or send directly to your car repair shop for complete installation.

#### 2 MOUNTING

You can mount your pyrometer on or under the dashboard or on the center console according to your personal choice. Determine best position for good visibility before drilling screw holes.

#### 3 PYROMETER CONNECTION

1. Connect power wire (RED) to +12V battery wire.
2. Connect power wire (WHITE) to a switched +12V circuit at fuse box, or splice into any vehicle harness wire which is energized ONLY when ignition key is ON (RUN) position.
3. Connect power wire (BLACK) to ground, negative (-) battery terminal or to a good chassis ground.
4. Connect power wire (ORANGE) to panel lights circuit at fuse box, or splice into any vehicle harness wire connected to the panel lights circuit.
5. Secure lead wires along their route to prevent damage from sharp edges, moving parts or hot engine components.
6. Turn on ignition. DO NOT START ENGINE pyrometer pointer should rotate to minimum or "0" when ignition is turned on.
7. Make sure pyrometer pointer operation is smooth and even.



\*\*The warning is exhaust gas temp exceed 850 °C (1560 °F).