

Temperature Gauge Installation Instructions

CAUTION: Disconnect Negative Battery Cable to Avoid Potential Electrical Shock or Burns!

Water, Oil, Transmission Temperature

1. Connect red wire from gauge to a switched 12v source (12v switched power source means that there are 12v to the red wire when the ignition switch is on and no voltage when the ignition switch is off)
2. Connect black wire from gauge to a good engine block ground
3. Connect purple wire from gauge to the night time dimming circuit. (The purple wire must be connected to the headlight switch circuit so that there are 12v to the purple wire when the headlight switch is on and no voltage when the headlight switch is off)
4. Connect white wire from gauge to white wire from the temperature sending unit provided

NOTE: Do not use Teflon tape or sealing compound when installing sender. Threads on sender are self sealing and must make good contact with ground!

Amplifier Temperature

1. Connect red wire from gauge to a switched 12v source (12v switched power source means that there are 12v to the red wire when the ignition switch is on and no voltage when the ignition switch is off)
2. Connect black wire from gauge to a good engine block ground
3. Connect purple wire from gauge to the night time dimming circuit (The purple wire must be connected to the headlight switch circuit so that there are 12v to the purple wire when the headlight switch is on and no voltage when the headlight switch is off)
4. Connect the white wire from the gauge to the white wire from the temperature sending unit provided

NOTE: Mount eyelet type sender on bolt or screw closest to source of heat to be monitored

Ambient Air Temperature

1. Connect red wire from gauge to a switched 12v source (12v switched power source means that there are 12v to the red wire when the ignition switch is on and no voltage when the ignition switch is off)
2. Connect black wire from gauge to a good engine block ground
3. Connect purple wire from gauge to the nighttime dimming circuit (The purple wire must be connected to the headlight switch circuit so that there are 12v to the purple wire when the headlight switch is on and no voltage when the headlight switch is off)
4. Connect the white wire from the gauge to the white wire from the temperature sending unit provided

NOTE: Mount sender using tie wrap where it will not be exposed to heat from vehicle or to rain or snow

NOTE: Gauges with optional memory feature will have a blue wire. Connect blue wire to blue wire from memory switch packaged with gauge. Connect black wire from memory switch to ground.