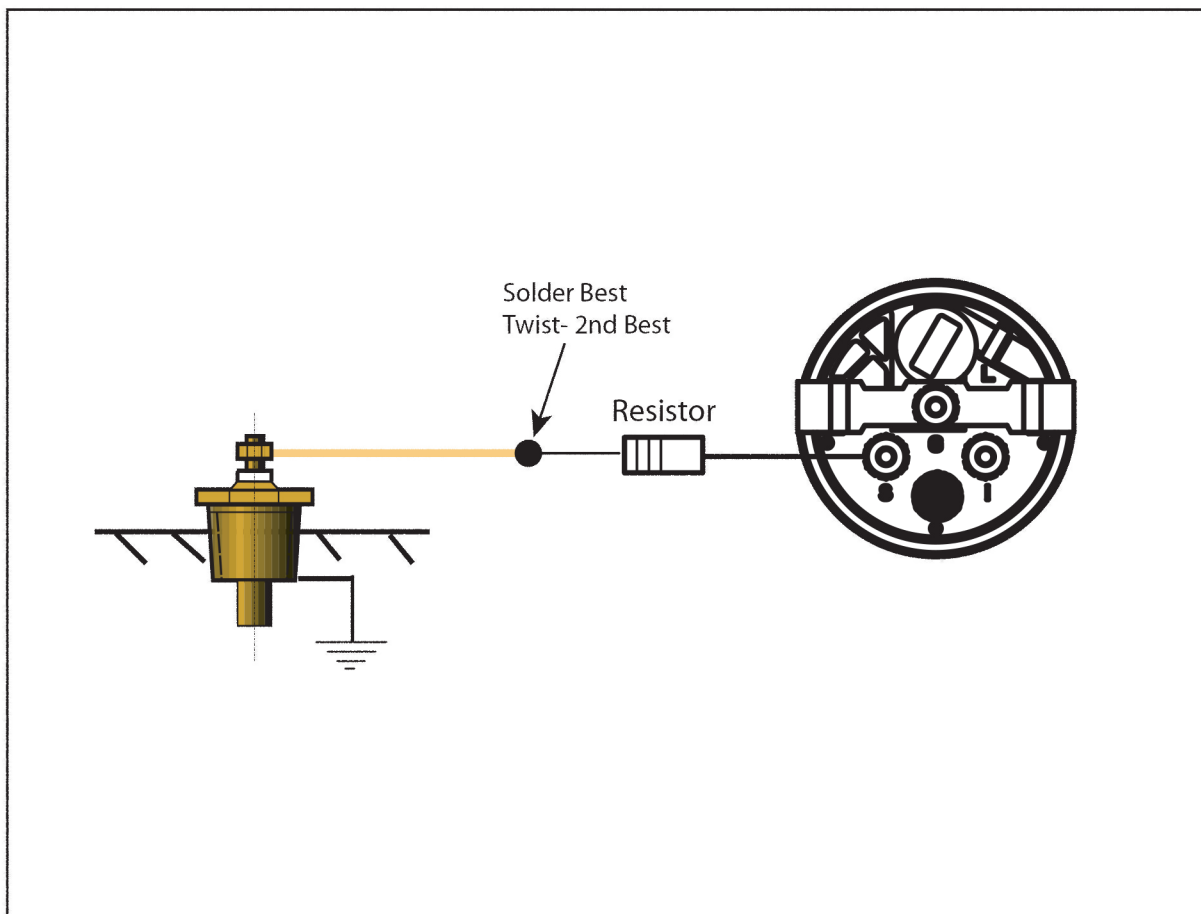


Lowering Gauge Temperature Reading

Some times the temperature gauge heads higher than the actual engine, measured with an infrared heat gun. When the gauge and sender are a match, when the sender is confirmed to be working properly, when the sender wire has been inspected for any chaffing, only then should the gauge reading be reduced to a more reasonable reading by adding a fixed resistor in series in the sender line as shown below. The resistor can be any wattage or tolerance. The value of the resistor can be calculated below.



To lower temperature reading, add a resistor value as close as possible to the resistance difference as to the amount of temperature decrease necessary. Example: move from 190 degrees to 170 degrees = 20 ohms. Choose a 20 ohm resistor.

