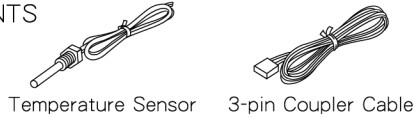


SG-5TS

Temperature Sensor for **501** (common for water temp. and oil temp.)

- This product is a temperature sensor that has designed to be connected by using the PIVOT 501 to wire to the temperature sensor signal.
- When installing to PIVOT SG or GEKKO, please refer to the user's guide included with the main unit.

■ CONTENTS

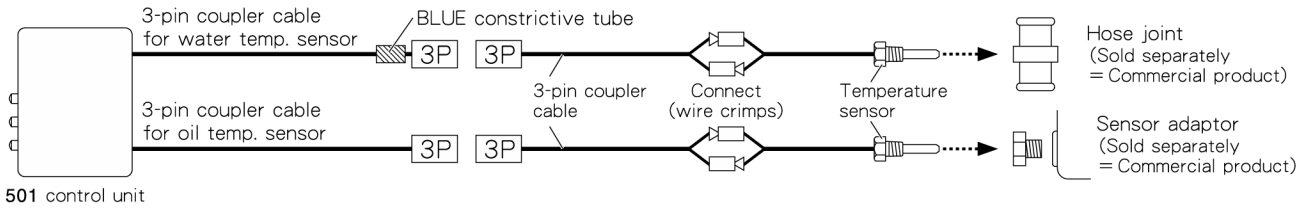


⚠ INSTALLATION WARNING

1. For safety purposes, when working on your car always disconnect the ⊖ battery terminal. (Reconnect to check for power.)
2. Make sure that all wire and snap connectors are firmly connected and insulated.
3. Be careful when laying wires not to cause any electrical shorts or wire breakage.

CONNECTING THE WIRES

※ All wiring, other than that for the temperature sensor has been left out of this explanation. Please refer to the user's guide for 501 as well as this guide.

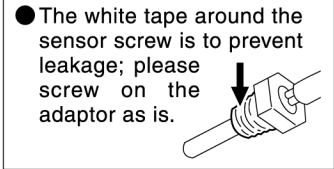


- ① Use the included 3-pin coupler cable to connect to the 3-pin coupler cable from back of the 501 control unit.
 - ② Use crimp connectors (wire crimps) to connect the temperature sensor to the included 3-pin coupler cable.
- ※ Make sure the snap connector is firmly connected. In particular make sure the male side, which is the cover, is firmly inserted and screwed into the female side.

SENSOR INSTALLATION

⚠ SENSOR INSTALLATION WARNING

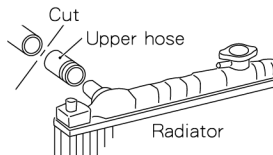
1. Be sure to securely connect the hose joint or sensor adaptor so as to prevent any leakage, and periodically check for leakage.
2. Carefully select the angle of the hose joint or sensor adaptor before you connect the sensor or the wire so as not to cause any sudden or drastic twists or bends.
3. Be careful not to carry out this installation while engine is hot; it may result in burns or injury. Make sure engine has sufficiently cooled down before attempting installation.
4. Make sure to connect the sensor cable after installing the sensor. If you connect install the sensor with the wire connected, the wire may become twisted and tangled and may cause breakage or damage.



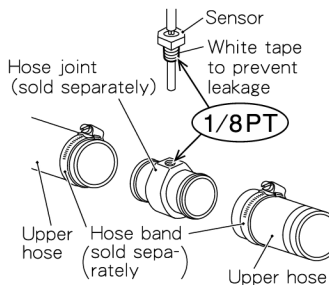
■ Installing the Water Temp. Sensor

⚠ Install the water temp. sensor connecting the hose joint (with 1/8 PT hole=sold separately) to the upper hose of the radiator. (If the screw size is different, please use and adaptor to suit size.)

- ① Cut the upper radiator hose at a suitable spot. (Water coolant will spill out, so prepare replacement coolant.)

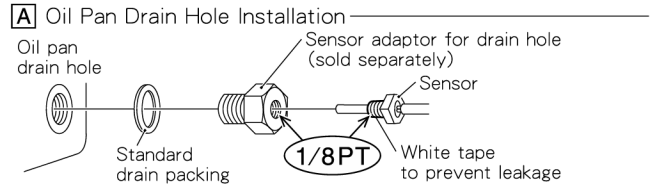


- ② Fit the hose band onto the cut hose and securely connect the cut hose to the hose joint with the hose band, so as no leakage will occur.



■ Installing the Oil Temp. Sensor

⚠ Depending on the installation you may need a sensor adaptor. (Sensor connector 1/8 PT=sold separately. Commercial product may be used.)



⚠ NOTE For cars chassis that are low to the ground or in cases where road conditions may be poor, please do not use this type of installation. It may lead the sensor to bump against the ground and break or be damaged.

