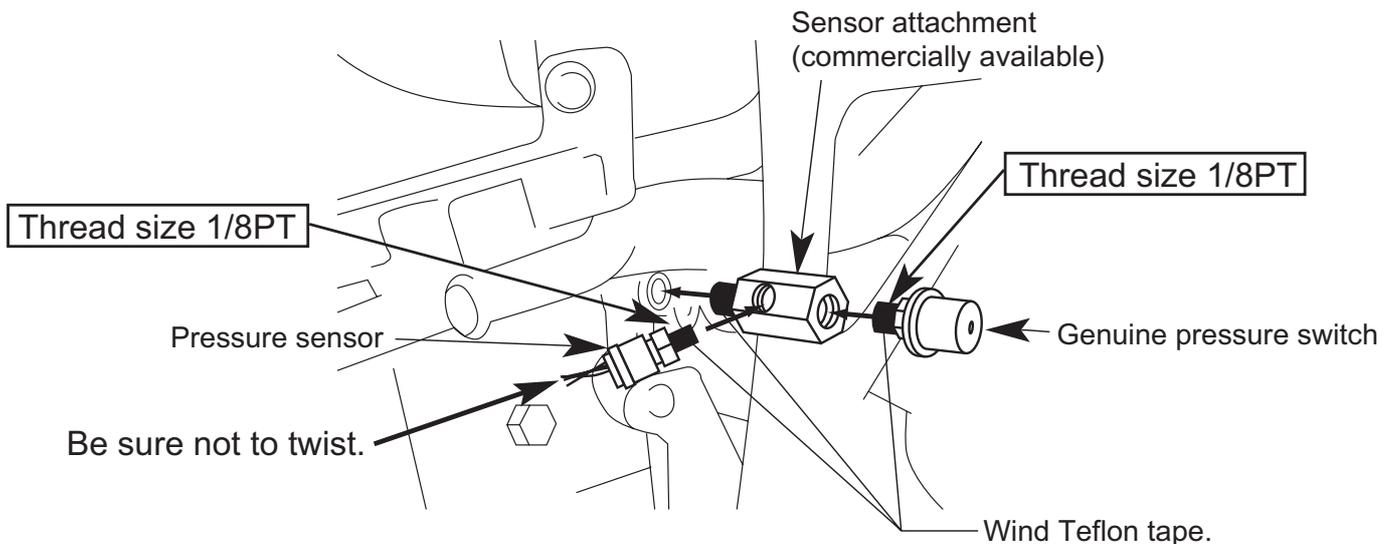


How to attach sensors (for installation personnel)

OIL PRESSURE (Use a commercial sensor attachment)



1. Locate the pressure switch installed on the engine block.
2. Remove the located pressure switch.
3. Wrap the thread (1/8PT) of the commercial sensor attachment with Teflon tape and install it into the hole from the pressure switch that was removed.
4. After wrapping the thread (1/8PT) with Teflon tape, install the pressure switch and the attached pressure sensor into the commercial sensor attachment.
5. Start the engine and ensure that oil is not leaking from the pressure sensor location.

Please contact us at defishop@nippon-seiki.co.jp for sensors installed by other methods.

Warning

Be sure the sensor wire is not twisted when installing the sensor. The sensor wire will be cut. Oil spills by the installation work. Please replenish the engine with oil. The engine might overheat when oil is too little.

To avoid oil leaks by installing of the sensors, use Teflon tape. Before driving, inspect tubing and oil blocks for leaks. Leaks could cause a fire or damage the engine.

To avoid the damage of the sensor wire, please fix the waterproof connector on the vehicle body.

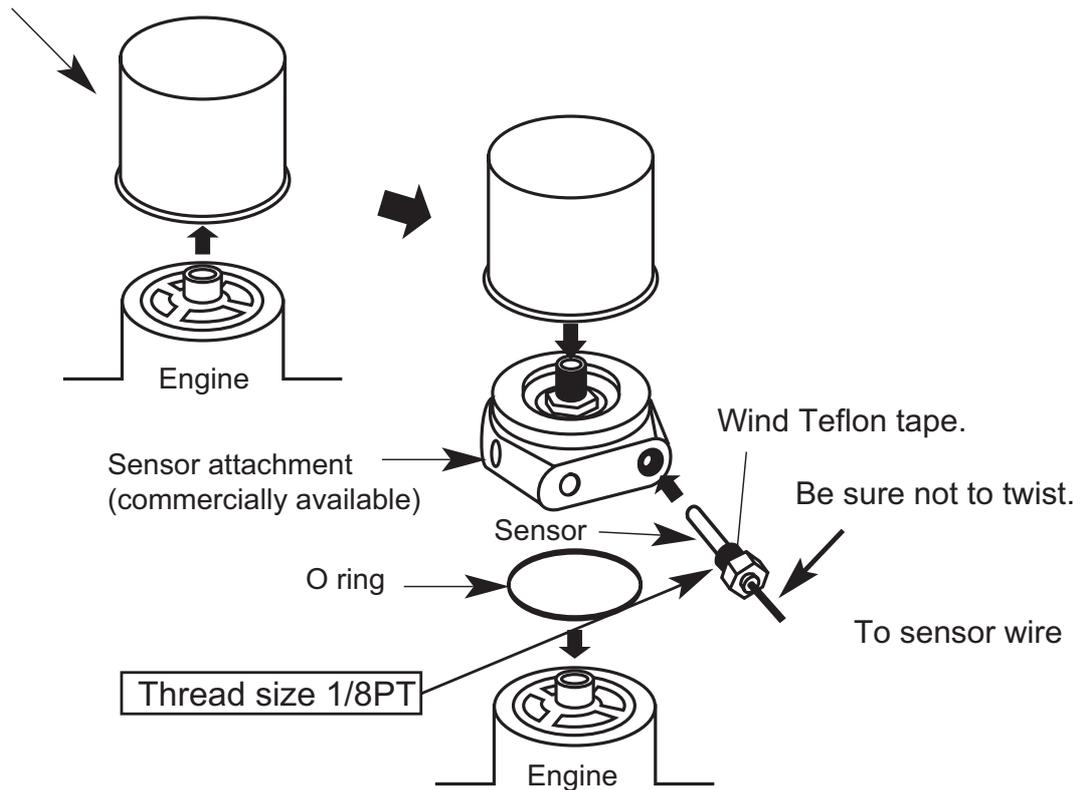
Confirmation

The thread size of the pressure sensor is 1/8PT. If the thread size of the sensor attachment for the pressure sensor is 1/8NPT, you will need the 1/8NPT-1/8PT conversion socket (optional part). If it is neither 1/8PT nor 1/8NPT, you will need to purchase a conversion adapter available from hardware stores.

Tighten the sensor into the sensor attachment and then connect it to the sensor wire.

OIL TEMPERATURE (Use a commercial sensor attachment)

Detach the original element.



Warning

Be sure the sensor wire is not twisted when installing the sensor. The sensor wire will be cut. Oil spills by the installation work. Please replenish the engine with oil. The engine might overheat when oil is too little.

To avoid oil leaks by installing of the sensors, use Teflon tape. Before driving, inspect tubing and oil blocks for leaks. Leaks could cause a fire or damage the engine.

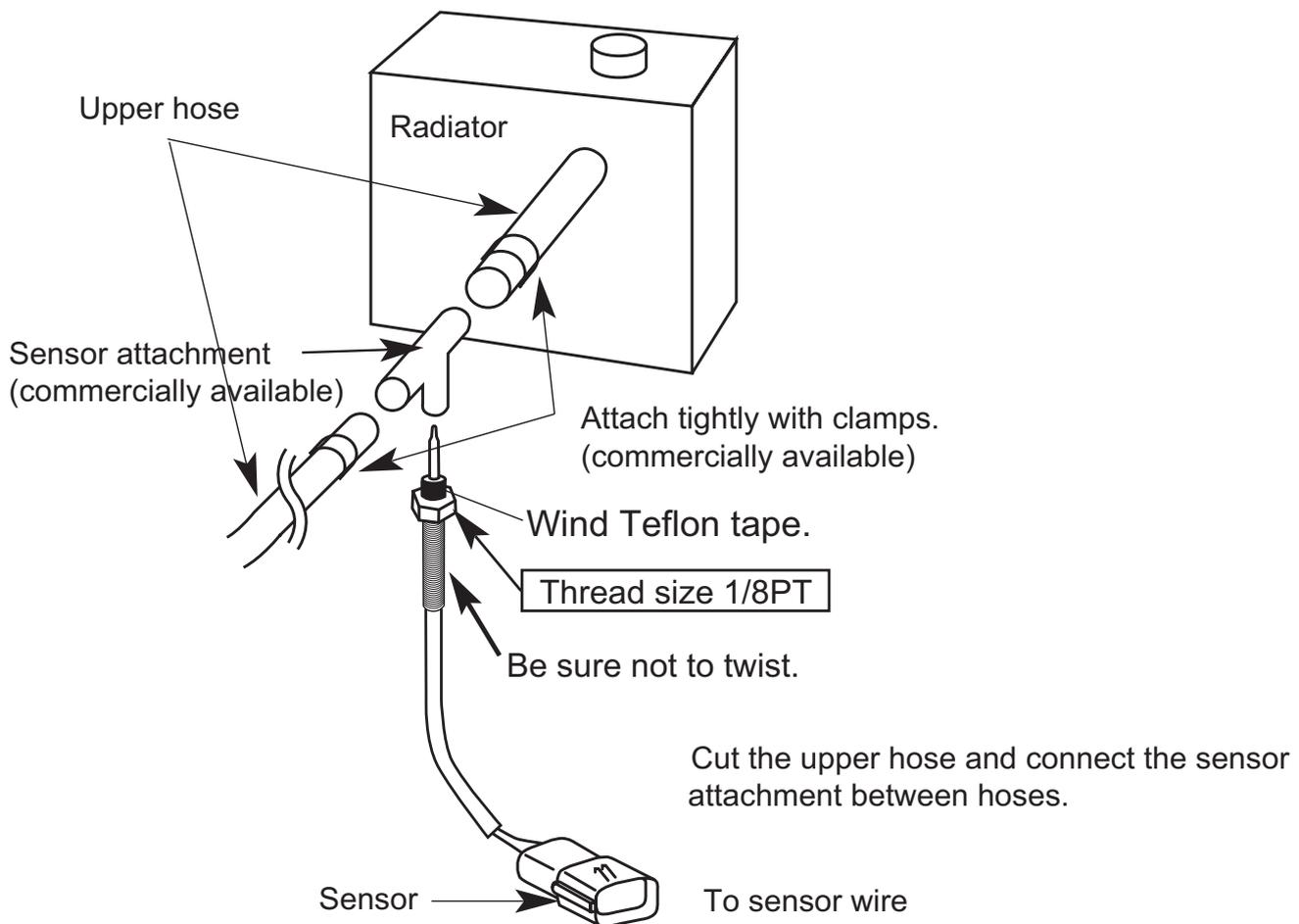
To avoid the damage of the sensor wire, please fix the waterproof connector on the vehicle body.

Confirmation

The thread size of the temperature sensor is 1/8PT. If the thread size of the sensor attachment for the temperature sensor is 1/8NPT, you will need the 1/8NPT sensor(optional part). If it is neither 1/8PT nor 1/8NPT, you will need to purchase a conversion adapter available from hardware stores.

Tighten the sensor into the sensor attachment and then connect it to the sensor wire.

WATER TEMPERATURE (Use a commercial sensor attachment)



⚠ Warning

Be sure the sensor wire is not twisted when installing the sensor. The sensor wire will be cut. Coolant spills by the installation work. Please replenish the engine with coolant and bleed the air from the system, or the engine might overheat.

To avoid water leaks during installation of the sensors, use Teflon tape. Attach the sensor attachment and upper hose with clamps. Inspect hose connections for leaks before driving. To avoid the damage of the sensor wire, please fix the waterproof connector on the vehicle body.

Confirmation

The thread size of the temperature sensor is 1/8PT. If the thread size of the sensor attachment for the temperature sensor is 1/8NPT, you will need the 1/8NPT(optional part). If it is neither 1/8PT nor 1/8NPT, you will need to purchase a conversion adapter available from hardware stores.

Tighten the sensor into the sensor attachment and then connect it to the sensor wire.