

## TEMPERATURE SENSOR 'ALL-IN-ONE' ADAPTOR KIT Installation Instructions - Part No. 0409

**BEFORE BEGINNING INSTALLATION, READ THESE INSTRUCTIONS FULLY.**

### ADAPTOR APPLICATIONS

As with other Davies Craig products the 'All-in-One' adaptor has universal application.

#### Top Radiator Hose:

Top Radiator Hose Measurements to Sleeve inside Diameter (ID).

**30 to 35 mm (ID)** – use adaptor without sleeves.

**36 to 42 mm (ID)** – use 2 sleeves included in the kit

**42+mm (ID)** – contact Davies, Craig Pty. Ltd.

#### Sensor Fittings

To suit the Davies, Craig Thermal Switch (Part #0400, #0401, or # 0404) use 6mm olive supplied.

Thermal Sensor units with 1/4" BSPT thread (not supplied) will readily screw into the 'All-in-One' adaptor. For other sizes, the threaded hole can be sealed with a 1/4" BSPT plug, available from most plumbing outlets. Drill and tap a thread to suit the specific sender unit type.

### ADAPTOR INSTALLATION

#### 1. Sensor Fitting

Remove lock nut and olive of compression fitting body supplied in the kit. Fit the brass compression fitting body into the threaded black nylon adaptor and tighten.

Slide the sensor through the lock nut then the olive. Insert sensor through compression fitting until it bottoms out or at least 15 mm will be located in coolant flow. Tighten lock nut. It is important that whilst tightening the lock nut, the compression fitting body is held stationary to avoid over tightening.

#### 2. Hose Fitting

When the cooling system is cold, remove top radiator hose and confirm that the inside diameter of your top radiator hose is between 30 to 42 mm prior to cutting hose.

If the parts (adaptor and sleeves) provided in the kit are not suitable for your top radiator hose diameter please contact Davies, Craig before proceeding any further.

If the parts supplied (adaptor and sleeves) are suitable, cut your radiator hose to remove around 17 mm in length at an appropriate location. Preferably select a location in a straight section of the hose.

Temporarily slide radiator hose clamps on each end of the hose. Fit both cut ends of hose onto adaptor (with or without sleeves as appropriate). If fitting is tight, use silicon base grease or petroleum jelly to assist fitment of adaptor to hoses.

Refit top radiator hose, ensure no twisting of the hose occurs and tighten all hose clamps.

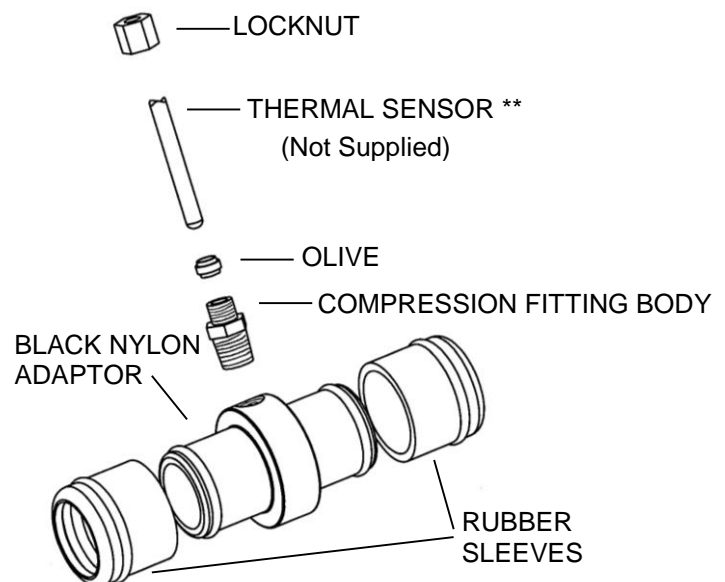
Start engine to confirm no leakage at the radiator hose, compression fitting, or sensor.

After running vehicle, again, confirm no leaks and re-torque radiator hose clamps.

### COMPLETION OF INSTALLATION:

As are likely to be using either Parts #0400, #0401 or #0404, please refer to the respective Installation Instructions to ensure the unit is installed correctly.

### ILLUSTRATION



**\*\* THERMAL SENSOR SHOWN IS INCLUDED IN KITS (PART #0400, #0401 & #0404).**

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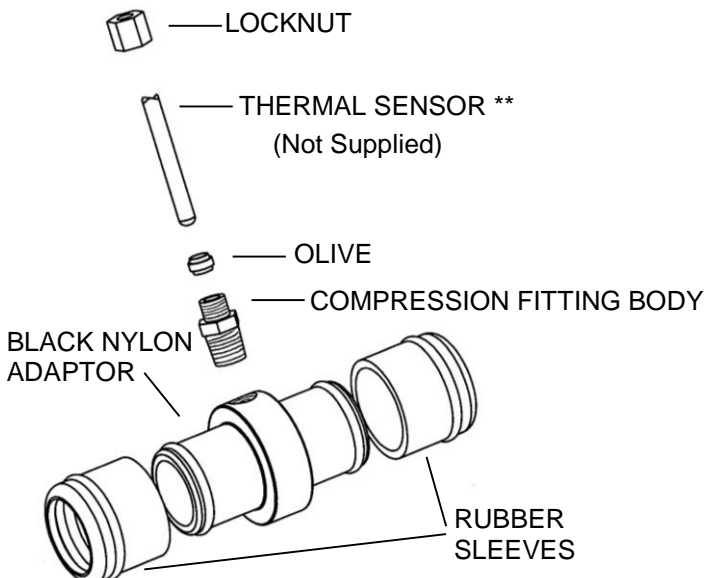


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