DAVIES, CRAIG PTY. LTD.
A.B.N. 71 004 918 825 A.C.N. 004 918 825
MELBOURNE AUSTRALIA

77 Taras Avenue
P.O. Box 363
Altona North, Vic 3025 Australia
Phone: +61(0)3 9369 1234
Fax: +61(0)3 9369 3456
E-mail: dcfans@daviescraig.com.au
Web: www.daviescraig.com.au

WATER TEMPERATURE SENSOR 'ALL-IN-ONE' ADAPTOR INSTALLATION INSTRUCTIONS (Part No. 0409)

BEFORE BEGINNING INSTALLATION, READ THESE INSTRUCTIONS FULLY.

'ALL-IN-ONE' ADAPTOR APPLICATIONS

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

Top Radiator Hose:

30 to **35** mm inside diameter -- use adaptor without sleeves.

36 to **42** mm inside diameter – use sleeves included in the kit.

42+ mm inside diameter – contact Davies, Craig

Sensor Fittings:

To suit Davies, Craig Thermal Switch part # 0401 or 0404 with brass sensor OR EWP Controllers part #8010 or 8020 – use ¼" (larger) olive fitting supplied installed inside the compression fitting.

To suit Davies, Craig Thermal Switch part # 0401 or 0404 with stainless steel sensor – use **6 mm** (smaller) olive supplied loose in the kit.

Temperature Sender units with ¼" BSPT thread (not supplied in kit) 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.

'ALL-IN-ONE' 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.

Select olive required, to suit sensor,(ie ¼" or 6 mm diameter) – see specific information above.

Slide sensor through lock nut then olive. Insert sensor through compression fitting so that about 15 mm will be located in coolant flow. Tighten lock nut. It is important that whilst tightening 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/or 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 hose and tighten all hose clamps.

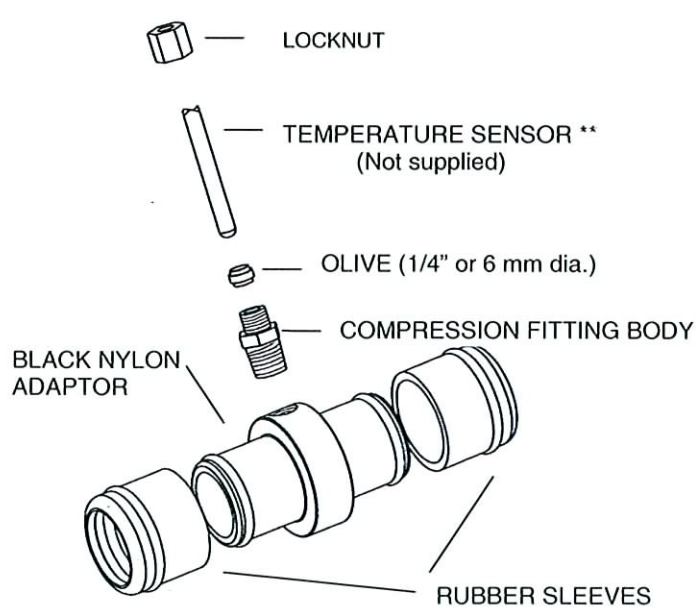
Start engine to confirm no leakage at radiator hose, compression fitting or sensor.

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

COMPLETION OF INSTALLATION

On completion of 'All-in One' adaptor, installation of Thermal Sensor or EWP Controller should be completed in accordance with separately supplied fitting instructions.

ILLUSTRATION



** TEMPERATURE SENSOR INCLUDED IN THERMO SWITCH KITS (0401 &0404) OR EWP CONTROLLER KITS (8010 & 8020