

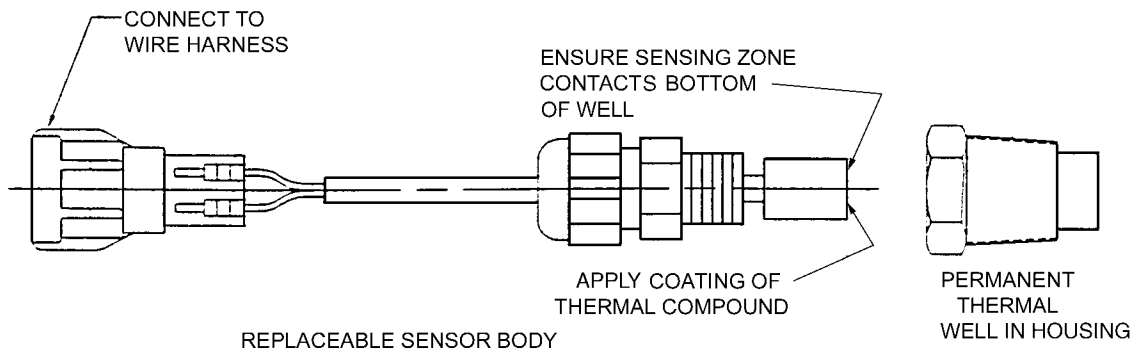
CRANKCASE OIL HEATER / OIL TEMP SENSOR

The crankcase heater is located on the oil pump end of the compressor. The heater is located within a well in the compressor housing. It is not in direct contact with the refrigerant or oil. To replace the heater, remove the conduit and the heater wires from the terminal box. Pull the heater from the compressor (See Fig. 20). It may be necessary to remove all or part of the defective heater with a \varnothing .626 - .637 inch (16 mm) drill bit. If so, use extreme care to avoid damaging the well in the housing.

When installing the new heater, coat it with heat conductive compound (YORK Part No. 013-00898).

The oil temp sensor is in a well, on the side of the compressor. **DO NOT REMOVE THE WELL!**

1. Remove the wire harness from the sensor and the sensor from the well.
2. Loosen the cable clamp nut.
3. Apply a thin coating of heat conductive compound (YORK Part No. 013-00898-000) to the sensing zone of the replacement sensor element.
4. Screw the plastic sensor body into the well hand tight, and then wrench lightly while pushing the sensor toward the bottom of the well. Ensure that the sensing zone of the sensor element lightly contacts the bottom of the well. Inadequate sensor to well contact will give false readings.
5. Hand tighten the cable clamp nut. Connect sensor plug to proper wire harness.



OIL TEMPERATURE SENSOR
025-34177-000

LD06921

FIG. 19 – OIL TEMPERATURE SENSOR

OIL STRAINER

The compressor oil strainer tube is rolled into a hole in the compressor housing and therefore is not readily removable in the field. However, it can be replaced.

Refrigerant must be recovered, pressure relieved and oil drained before removing and replacing the oil strainer. Remove the .375-18 NPT pipe plug located to the left of the heater well. Drive the oil strainer from the housing using a 1/2" drift pin. (Loctite retaining compound 675 seals housing/tubing interface).

Thoroughly clean and remove oil from hole and pipe threads in housing.

Apply retaining compound (YORK Part No. 013-01752, Loctite 675) to clean surface of tube of replacement strainer that engages housing and insert tube into housing. **MAKE CERTAIN TUBE DOES NOT BLOCK VERTICAL OIL HOLE IN HOUSING.** Roll copper tube into housing to tighten.

Clean pipe plug with an approved safety solvent (YORK Part No. 013-02899, Loctite 7070). Apply primer (YORK Part No. 013-01753, Loctite N7469) and allow to dry. Apply thread sealant (YORK Part No. 013-02023, Loctite 565) to pipe plug and reinsert/tighten pipe plug in housing.