

REMOVING THE SUCTION STRAINER

The compressor suction strainer is located in the motor cover just under the suction stop valve. (See Fig. 21, also Fig. 12A.)

To clean and replace the suction strainer, proceed as follows:

1. Remove the four screws which hold the suction stop valve to the motor cover, and move valve aside. It may be necessary to move the compressor away from the suction line/valve.
2. Pull the suction strainer out of the housing and clean with an approved safety solvent or install a new strainer if required.
3. Replace the suction strainer using new gaskets. Note that two gaskets are used; one between the suction stop valve and the suction strainer, the other between the suction strainer and the motor cover.
4. Fasten the suction valve in place, making sure that it seats properly.

REPLACING THE OIL SIGHT GLASS

Compressors are equipped with 2 plug type sight glasses located on the pump end of the compressor. (See Fig. 22) If they become broken or damaged in any way, they must be replaced. Proceed as follows:

1. Drain the oil level below the sight glass that is to be replaced.
2. Remove the damaged sight glass(es).
3. Clean the threads in the housing and on the new sight glass with an approved safety solvent (YORK Part No. 013-02899, Loctite 7070).
4. Apply primer (YORK Part No. 013-01753, Loctite N7469) and allow to dry. Apply thread sealant (YORK Part No. 013-01678, Loctite 243) to the threads of the sight glass and screw it into the compressor housing using a socket wrench. Do not overtighten as this may crack the glass.
5. Refill the crankcase with clean oil or restore the oil level to the top of the lower sight glass or bottom of the upper sight glass.

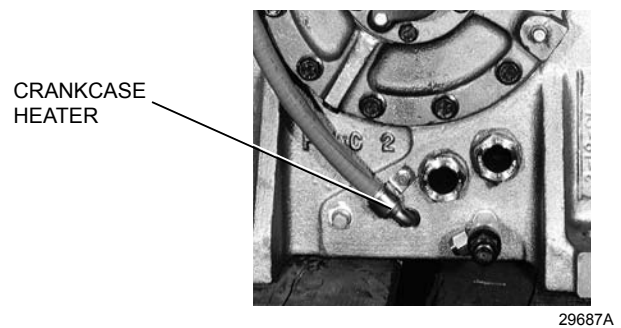


FIG. 20 – CRANKCASE HEATER

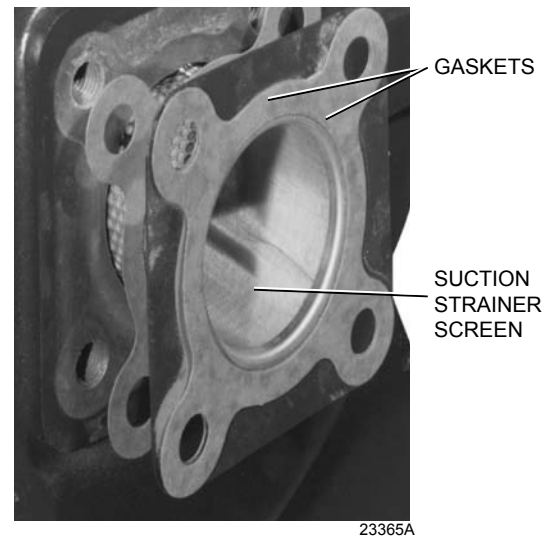


FIG. 21 – COMPRESSOR SUCTION STRAINER

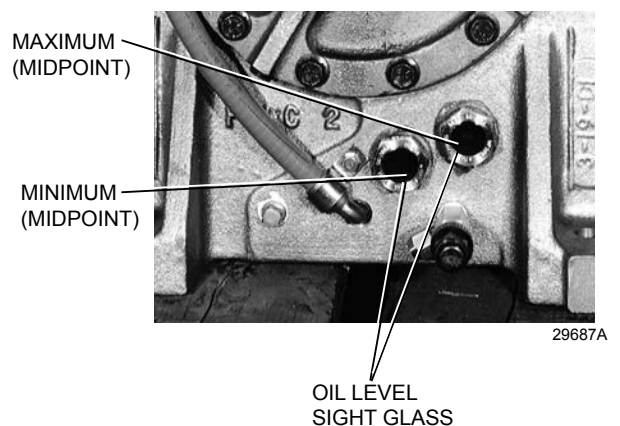


FIG. 22 – OIL LEVEL SIGHT GLASS AND LEVELS