

**Carrier/Carlyle
5H40, 46, 60, 66, 80, 86 Compressors
Modifications for Oil Cooler**

EARLY STYLE OIL PUMP BEARING HOUSINGS

Remove the pump end bearing head. On the bearing side of the head, remove the right hand plug near the bearing and insert a 5/8 inch setscrew. Replace the plug and reinstall the bearing head.

CURRENT STYLE OIL PUMP BEARING HOUSINGS

Without removing the bearing head, remove the 3/8 inch pipe plug at the 10 o'clock position on the bearing head rim. Install the bearing head sleeve in this tapped hole.

1. Position the sleeve at the entrance to the tapped hole, with the gap on the upper side and the tab end out.
2. Push the sleeve into the hole until it bottoms. The sleeve can be removed by hooking a tool under the tab and pulling it out.

Leave the 3/8 inch pipe plug out as a fitting will go in this hole when installing the cooler.

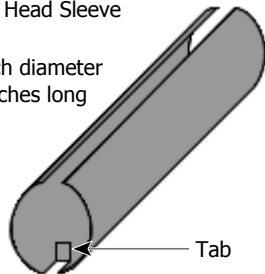
Oil will flow from the port at the 10 o'clock position to the oil cooler and then to the port at the 9 o'clock position. Both ports are on the bearing head rim.

Instructions, included with the oil cooler accessory package, should be followed when installing fittings, cooler, and tubing.

The oil return temperature from the cooler to the compressor should be maintained from 100 to 120 degrees Fahrenheit.

Bearing Head Sleeve

9/16 inch diameter
1 1/2 inches long



Tab

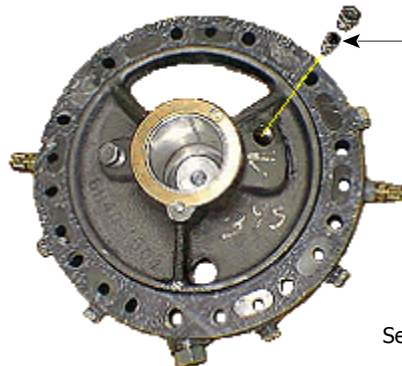
Current Style

To oil cooler



From oil cooler

Early Style



Original Plug

Socket
Setscrew 5/8
18 UNF