

COMPRESSOR REPLACEMENT KIT #AC-64
(Unit Model TR21-12, TR22-12)

This kit is for the field replacement of a defective Bendix-Westinghouse compressor with a Tecumseh compressor and contains the following items:

1 - AJ5511F Tecumseh Compressor	1 - 27923A Disc. Line Adapter
1 - 6266B1 Start Relay	1 - 6219B Drier
1 - 269A12 Start Cap.	2 - 9030A5 6-32x3/8" Screws
1 - 27924C Suction Line (Preformed)	2 - 39A12 6-32 Hex Nuts
1 - 27925C Disc. Line (Preformed)	2 - 2376B46 1/4" O.D.x4" Copper Tubing

COMPRESSOR REPLACEMENT

Before proceeding with replacement of compressor, determine whether or not a burnout has occurred. If so, follow the procedure in the service manual for cleaning system. Failure to properly clean out the system will result in a more severe burnout to the new compressor. If the compressor has been analyzed as not being a burnout, then proceed with the following steps:

1. Remove Bendix-Westinghouse compressor and replace with Tecumseh compressor. Use the original grommets, sleeves and bolts and fasten Tecumseh compressor in place. Form compressor suction and process stub down to a horizontal plane. See Fig. 1.
2. Replace suction and discharge lines with lines provided in kit. A discharge fitting is provided for connecting discharge line to compressor.
3. Remove liquid line strainer located at bottom of condenser coil and replace with drier. 1/4" O.D. tubing is provided for connecting drier. Pinch off and sweat closed the extra opening on the drier outlet. Be sure arrow on drier points toward cap. tubing.

Note: After tubing is replaced, form tubing so there is adequate clearance to prevent rubbing.

4. Proceed with leak test and evacuation as outlined in the service manual.
5. The correct operating charge is 22 ozs. of R-22.

ELECTRICAL REPLACEMENT

Since the Tecumseh compressor is designed with different electrical components than those used with the Bendix-Westinghouse compressor, it is important that they be changed. Take the following steps for replacing:

1. Remove start relay, start capacitor and brackets used with Bendix-Westinghouse compressor.
2. Drill (2) holes in box as shown on Fig. 2 and install new relay and start capacitor.
Important: The insulating paper should remain in box. Install it in back of relay and capacitor as shown in Fig. 2.
3. Connect wires as shown in Fig. 2.

NOTICE: NO CREDIT WILL BE ALLOWED ON AN IN-WARRANTY REPLACEMENT UNLESS THE ORIGINAL START COMPONENTS (CAPACITOR AND RELAY) ARE RETURNED WITH THE DEFECTIVE COMPRESSOR.