



FILE INFORMATION:
DIVISION TAB:TRANE REFRIGERATION
PRODUCTS
PRODUCT TAB:RECIPROCATING COM-
PRESSOR-CONDENSER UNITS
MODEL TAB:HERMETIC M-R
LITERATURE ITEM- GENERAL SERVICE
BULLETIN

LITERATURE FILE NO.

HCOM-SB-29A

**GENERAL
SERVICE BULLETIN**

Since the Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice. The installation and servicing of the equipment referred to in this booklet should be done by qualified, experienced technicians.

7/1/81
Supersedes
HCOM-SB-29
Dated 4/25/79

SUBJECT: UNLOADER SOLENOID MOUNTING ARRANGEMENT FOR MODEL M AND R
COMPRESSORS

DISCUSSION

In 1979, the mounting design for the unloader solenoid valve used on Model M and R compressors was changed. A three bolt mounting arrangement replaced the two bolt type. This was done to increase gasket loading and reduce the possibility of refrigerant leakage. See Figures 1 and 2.

This change was made to improve the manufacturability of the compressors. It has no effect on compressor field reliability.

PARTS ORDERING INFORMATION

Parts for the two bolt solenoid mounting arrangement are no longer available for either compressor. If the two bolt solenoid, mounting plate or gasket need to be replaced, the entire assembly should be replaced with the new three bolt solenoid, mounting plate and gasket. The design change did not effect the holding coils for the solenoid valves.

To order the redesigned mounting plate, solenoid valve or gasket, refer to Unit Parts Lists HCOM-UP-14 (Model M Compressor) and HCOM-UP-40 (Model R Compressor).

Tables 1 and 2 list the parts effected by this design change:

NEW PRODUCTION

The design sequence letter, which appears in the compressor model number, reflects this redesign of the solenoid mounting arrangement. The letter "J" in the model number reflects this change for the Model M compressor. Any Model M compressor with a design sequence below "J" has the two bolt solenoid. The letter "E" in the model number reflects this change for the Model R compressor. Any Model R compressor with a design sequence below "E" has the two bolt solenoid.

LABOR ALLOWANCE

This is an informational Service Bulletin only. It does not authorize any labor or changeout of field stock components.

	2 Bolt Hole Type	3 Bolt Hole Type
Solenoid Valve Mounting Plate	PLT-432	PLT-557
Gasket	GKT-919	GKT-1182
Solenoid Valve (115/60)	VAL-985	VAL-1661
Solenoid Valve (230/50)	VAL-987	VAL-1662
Solenoid Valve (200-230/60)	VAL-918	VAL-1676

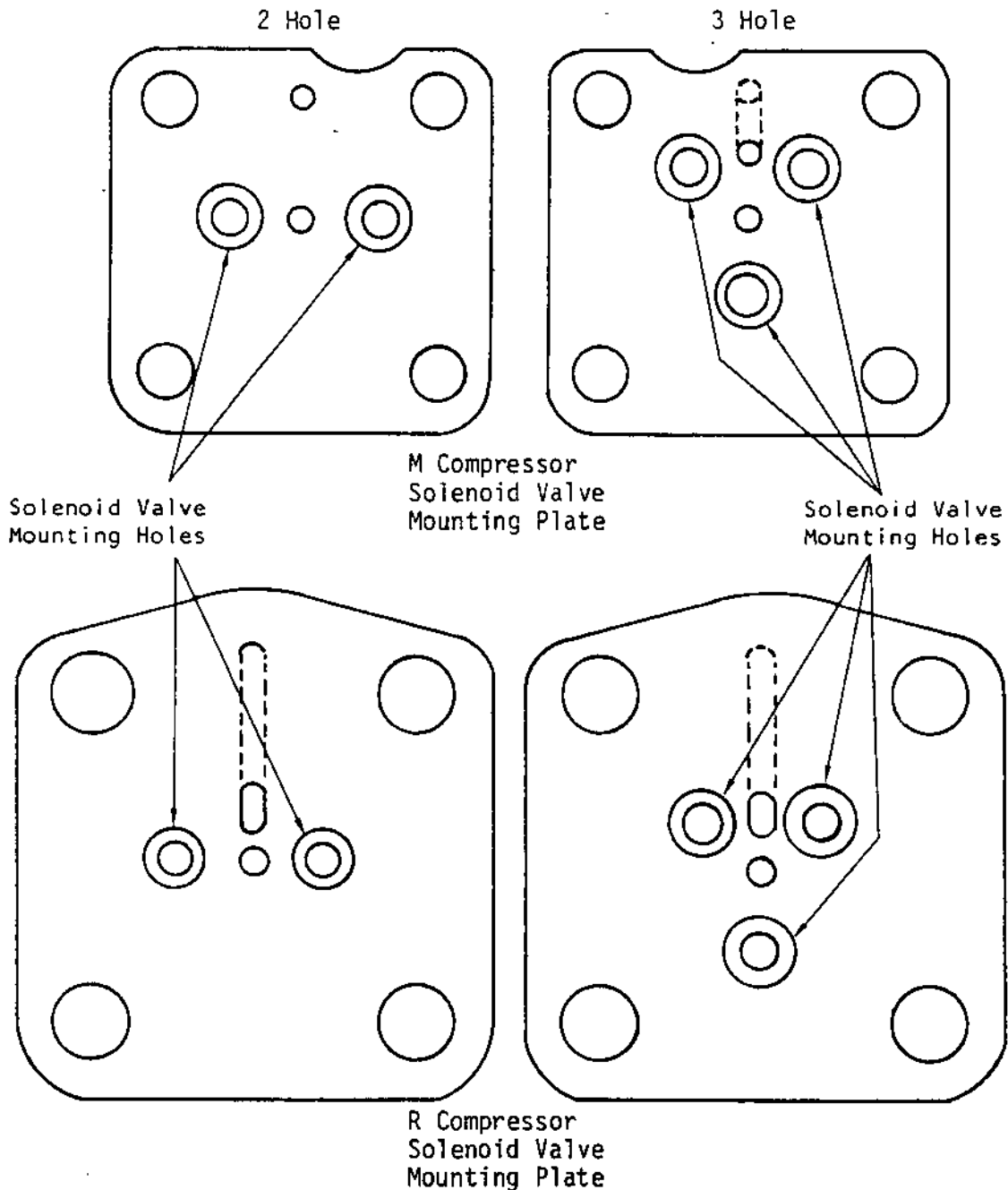


FIGURE 1

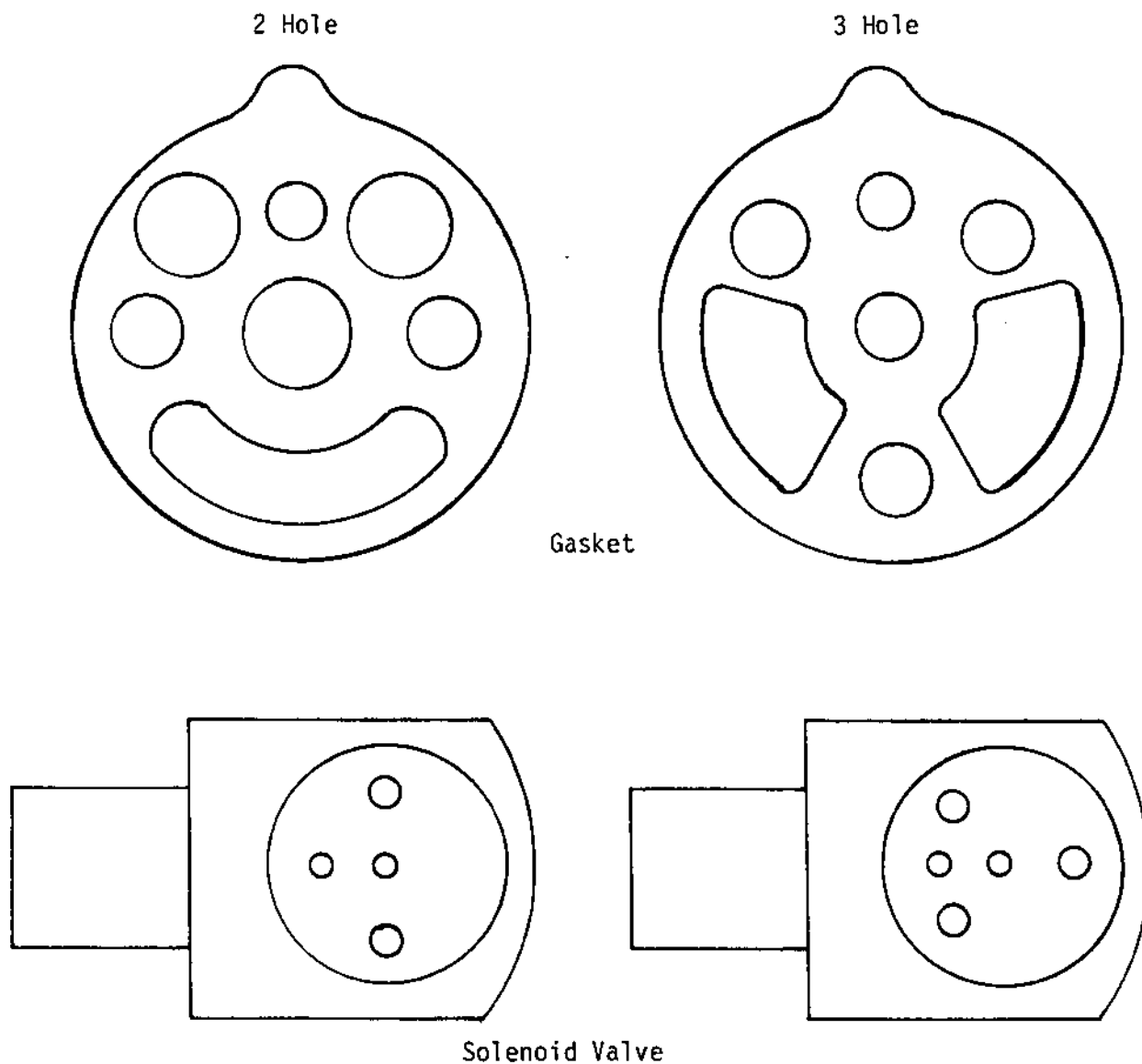


FIGURE 2

Table 1-M Compressors

	2 Bolt Hole Type	3 Bolt Hole Type
Solenoid Valve Mounting Plate	PLT-404	PLT-556
Gasket	GKT-919	GKT-1182
Solenoid Valve (115/60)	VAL-985	VAL-1661
Solenoid Valve (230/50)	VAL-987	VAL-1662
Solenoid Valve (200-230/60)	VAL-918	VAL-1676