

**TRANE™**

General Service Bulletin

HCOM-SB-75

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Product Section	Refrigeration
Product	Compressor-Condensing Units (10-200 Tons)
Model	Model K Recip. Hermetic Compressor
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**Subject: Model "K" Compressor
Pre-Start Isolator Sleeve Removal**

Introduction:

This service bulletin describes the steps required to remove the sleeves from the mounting isolators of Model "K" compressors. Presently, Model "K" compressors are used in RAUB, SAHC, SAHD and some CGAC units (i.e., see "Units Affected" at the end of this bulletin).

Discussion:

Model K compressors use an isolator that provides both shipping and operational isolation. During recent testing, it was noted that the operational isolation capability of the isolator could be improved by removing the isolator sleeve. To do this, review Figure 1 and complete Steps 1 through 4 below:

1. Remove the cap screw, washer and upper isolator from the top of one of the compressor mounting feet.
2. Extract the sleeve from the lower isolator.

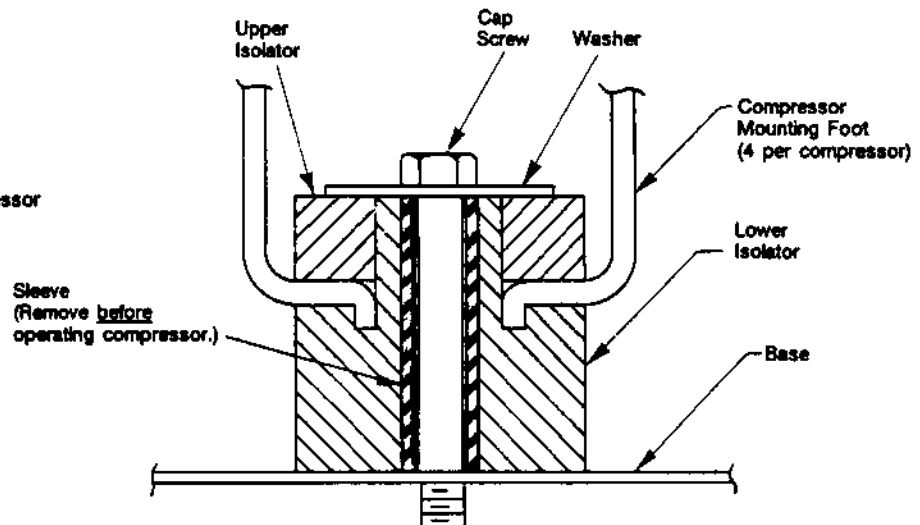
3. Reinstall the upper isolator and washer; then insert the cap screw and tighten it down approximately 2 to 3 turns.

4. Repeat Steps 1 through 3 for each remaining compressor mounting foot (both compressors, if applicable).

Note: Removal of the compressor isolator sleeves will minimize transmitted noise and vibration.

Figure 1
"K" Compressor
Isolator Sleeve Removal

Important!
Before operating unit, be sure to remove sleeve from each compressor isolator.



Recommended Action:

As a part of the initial start-up process for any CGAC, RAUB, SAHC or SAHD unit equipped with Model "K" compressors, verify that the installer removed the isolator sleeves from each of the compressor mounting feet. If this inspection reveals that the sleeves are still in place, remove them before proceeding!

If an existing unit with Model "K" compressors is subjected to unacceptable levels of vibration and/or sound transmission, check the compressor mounting feet; if the isolator sleeves are present, remove them.

Note: Isolator sleeve removal instructions are included in the IOM manuals presently shipping with SAHC and SAHD rooftop units. Within a couple of weeks, a supplementary installation sheet (HCOM-IN-11) with these same instructions will ship with RAUB and CGAC-C20 through C60 units.

Units Affected:

At present, the following Trane models are built with Model K compressors:

CGAC-C20, C25, C30, C40, C50, C60
RAUB-C20, C25, C30, C40, C50, C60
SAHC-C20, C25, C30, C40, C50, C55, C60
SAHD-C20, C25, C30