



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 2-23-2007 **BULLETIN NO:** 07-004

**TITLE:** VIBRATORY MOTOR VENTED END BELLS INSTALLATION

**RATING:**

<input type="checkbox"/>	<b>DIRECTIVE</b> (Action Is Required)	<input type="checkbox"/>	<b>ALERT</b> (Potential Problem)
<input type="checkbox"/>	<b>INFORMATION</b> (Action Is Optional)	<input checked="" type="checkbox"/>	<b>PRODUCT IMPROVEMENT</b> (Enhance Product)

**PRODUCT SERIES / MODEL:** 6700 - 3300 - 2400 TAMPERS

**SERIAL NO:** All Models

**SUMMARY:** All new vibratory motor assemblies include Vented End Bells and Center Case with two drain holes in the bottom for drainage in wash-down and inclement weather conditions. Customers who purchase the new Vented End Bells (HTT # 312125-1) for installation on older design Center Cases without the two drain holes will need to add two drain holes in the bottom of the center case.

**OPERATIONAL IMPACT:** Vented End Bells (HTT # 312125-1) provide cooler running temperatures and drain holes in the bottom of the Center Case provide drainage in wash-down and inclement weather conditions.

**ACTION:** When rebuilding older vibrator motor assemblies with the new vented end bells, two drain holes must be added in the bottom of the center case. Follow the Instructions in this Service Bulletin to add the two drain holes.

**CONTACT:** If you have any technical questions or if we can be of any service, please contact Mickey VanBergen at the Ludington, MI. facility, 231-843-7418 or e-mail [mvanbergen@harscotrack.com](mailto:mvanbergen@harscotrack.com).

**SAFETY INFORMATION**

- n FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE MACHINE FROM ENERGY SOURCE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.



- n SET UP A SAFE WORK SYSTEM TO LIFT OR HANDLE MOTOR ASSEMBLY USING APPROPRIATE SAFE LIFTING EQUIPMENT, PRACTICES AND SAFEGUARDS. IMPROPER OR INADEQUATE LIFTING OR HANDLING PROCEDURES, OR INADVERTENT DROPPING OF MOTOR ASSEMBLY, COULD RESULT IN BODILY INJURY AND/OR PROPERTY DAMAGE.

**INSPECTING CENTER CASE** - See Figures 1, 2 and 3

1. Before installing the new vented end bells (1) (HTT #312125-1) on the ends of the vibratory motor center case, inspect the bottom of the center case (2) for drainage holes.
  - a. If the bottom of the center case (2) already has two 1/2 inch drain holes, proceed with rebuilding the vibratory motor with the new vented end bells (1) (HTT # 312125-1).
  - b. If the bottom of the center case (2) does not have two 1/2 inch drain holes, the center case (2) must be reworked before rebuilding the vibratory motor with the new vented end bells (1) (HTT # 312125-1). Go to Reworking Center Case.

**REWORKING CENTER CASE** - See Figures 1, 2 and 3

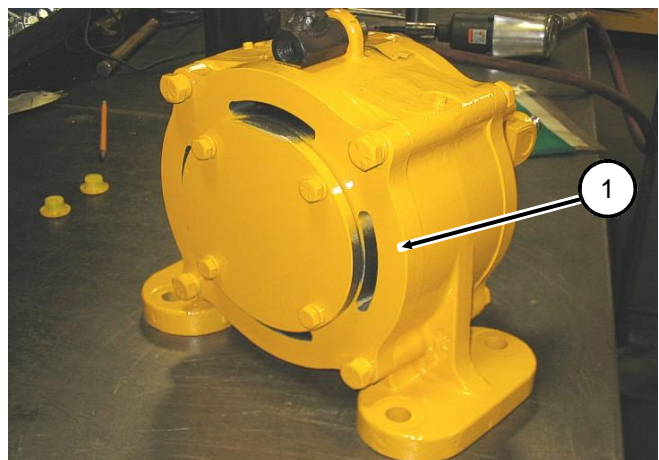
2. With the vibratory motor disassembled, drill two 1/2 inch drain holes in the bottom of the center case 3/4 inch from each end. After drilling the two holes, be sure to thoroughly clean the center case of all drilling debris, burrs, etc.

*Note: The old 1/8 inch drain hole (located on the bottom of the center case on one end only) can be used as a pilot hole for one of the new 1/2 inch drain holes.*

FIGURE 1  
MOTOR w/ VENTED END BELLS



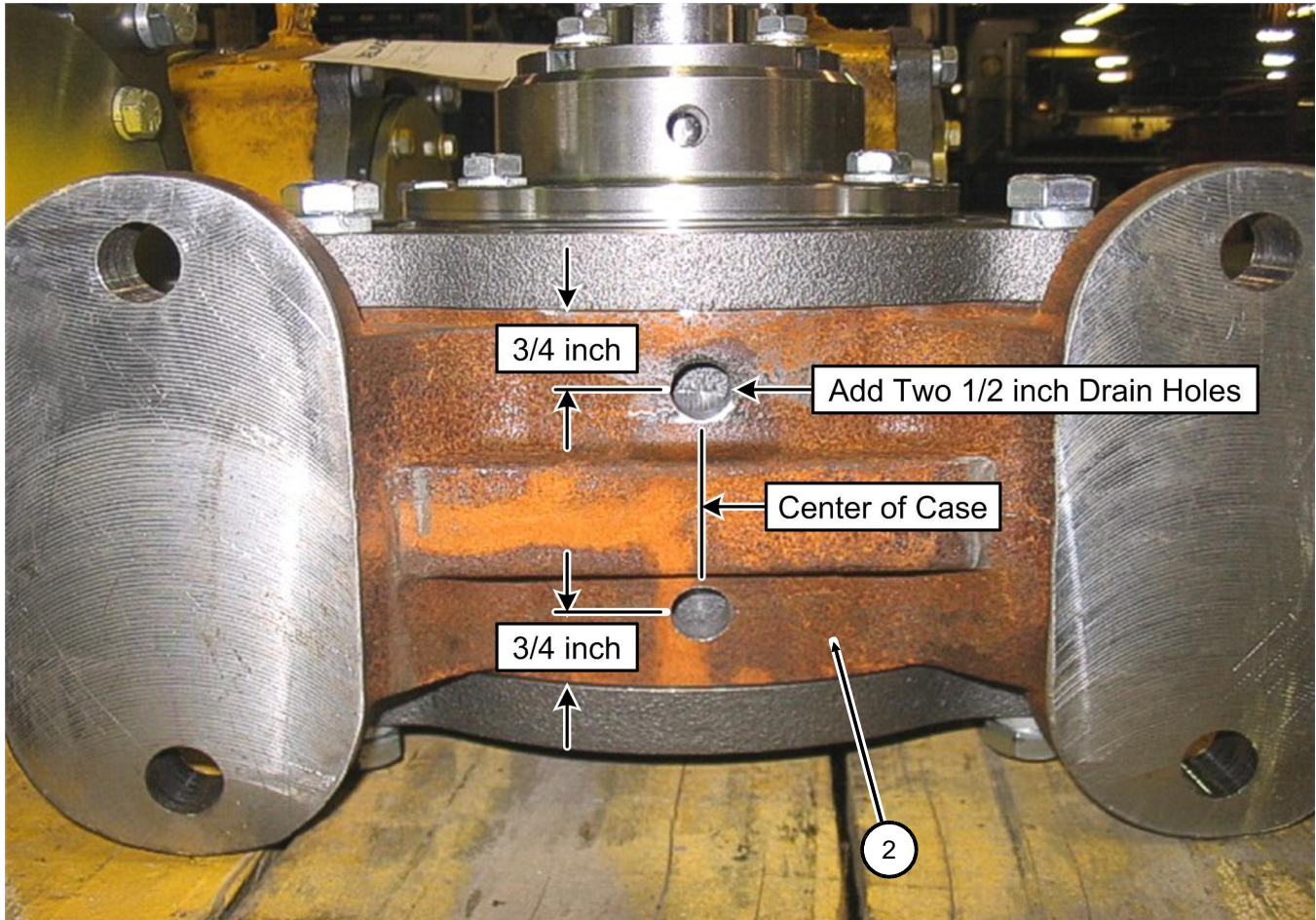
FIGURE 2  
MOTOR w/ VENTED END BELLS



**REWORKING CENTER CASE** - See Figures 1, 2 and 3

3. After drilling the two drain holes and cleaning the center case, proceed with rebuilding the vibratory motor with the new vented end bells (1) (HTT # 312125-1).

FIGURE 3  
BOTTOM OF CENTER CASE



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Printed In U.S.A.