



Harsco Track Technologies

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SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 4-17-2002 **BULLETIN NO:** 02-013

TITLE: TAMPING TOOL BRACKET CAP SCREW AND LOCK NUT SERVICE GROUP

RATING:

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

PRODUCT SERIES / MODEL: 6700S and 3300 Tampers

SERIAL NO: All Models

SUMMARY: There are occasions when it is very difficult to tighten the cap screws that attach the tamping tool bracket (snubber bracket) to the motor base because it can be difficult to get a wrench on the lock nut. This difficulty is due to variations in the motor base casting that does not allow sufficient wrench clearance. To remedy this situation, all future production machines from the Ludington, MI. facility will have a high lock nut which is twice as long as the current lock nut. This will allow the hex on the nut to protrude past the webs on the motor base for easier access with a wrench. A longer screw is also required in conjunction with using this lock nut.

OPERATIONAL IMPACT: Improves maintenance of the workhead.

ACTION: Order lock nuts part # 2005171 and cap screws part # 252272-438 as required. Forty eight (48) lock nuts and cap screws are required per machine.

The installation of this Service Group requires:

- Removing the existing tamping tool bracket cap screws and lock nuts, and replacing with new longer cap screws and high lock nuts.

CONTACT: If you have any questions or if we can be of any service, please contact Bill Perry or Doug Budreau at the Ludington, MI. facility, (231) 843-3431.

SAFETY INFORMATION

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

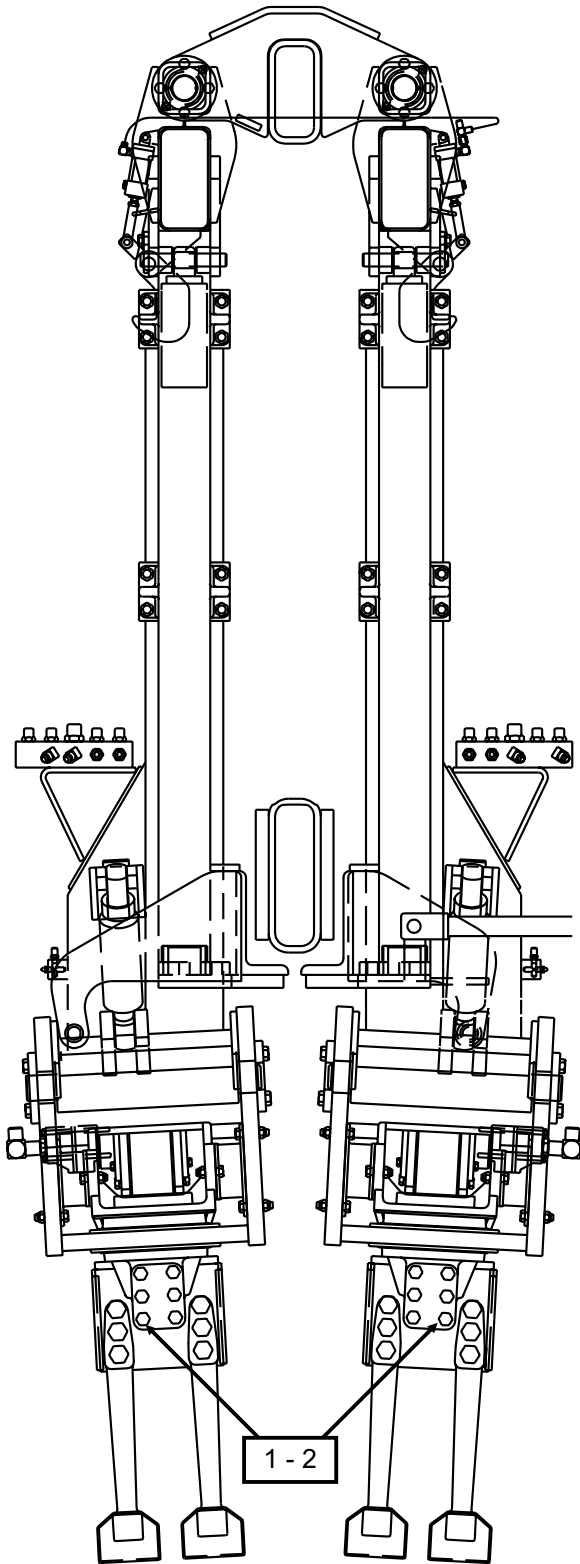
SERVICE GROUP INSTALLATION - See Figure 1 or Figure 2

1. With the workheads locked in the TRAVEL position, locate the existing six cap screws (1) and lock nuts (2) that secures each tamping tool bracket to the motor base.
2. Remove one existing cap screw (1) and lock nut (2) at a time and replace with one new 3/4"-16 x 4" hex head cap screw (2) and 3/4"-16 high lock nut (1). Continue to replace each cap screw until all six cap screws and lock nuts are changed out in the tamping tool bracket. Then torque all six cap screws to 300 ft-lbs.
3. Repeat Step 2 to replace the six cap screws and lock nuts in all eight tamping tool brackets on the machine.

SERVICE GROUP INSTALLATION

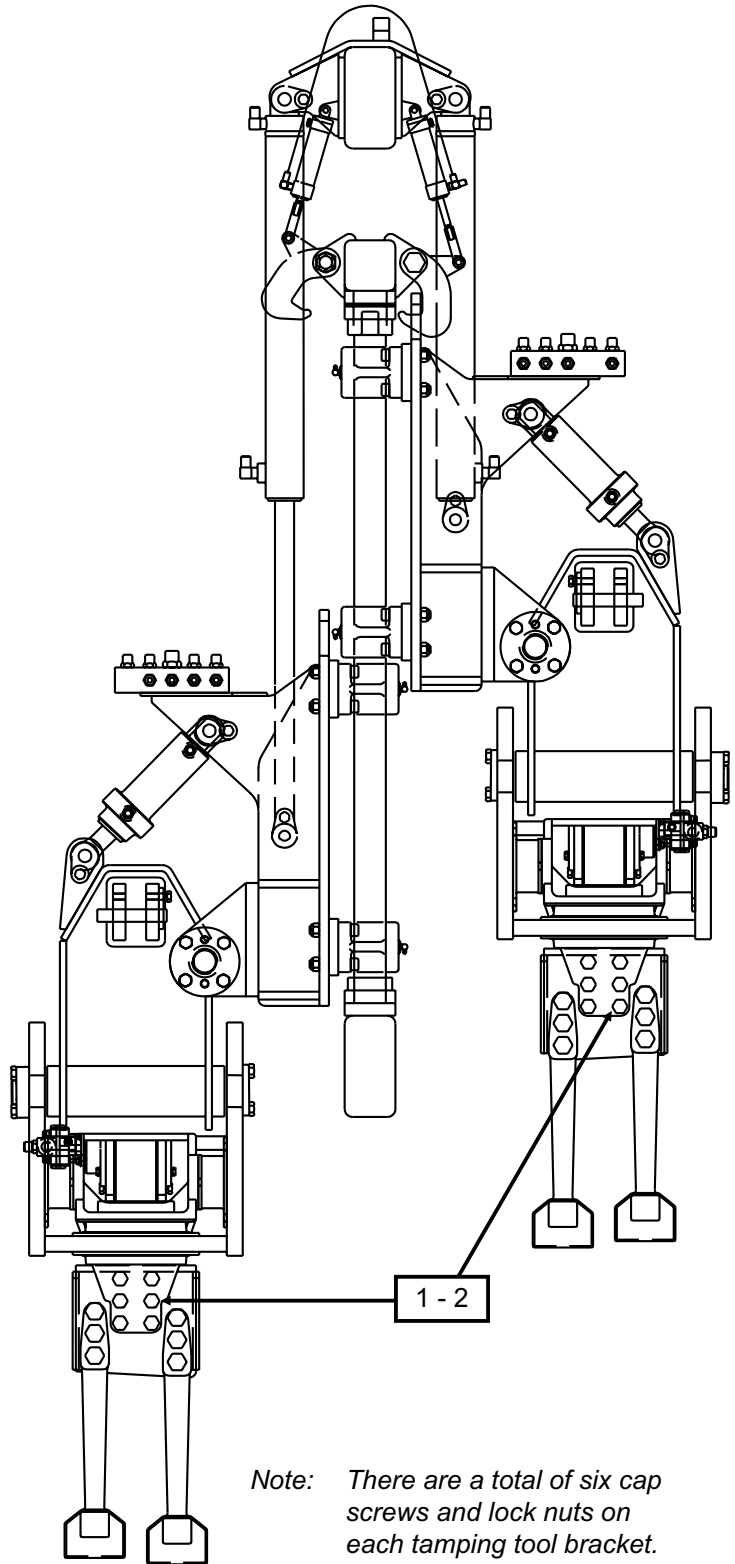
441198-1

FIGURE 1
6700S WORKHEAD



441211-1

FIGURE 2
3300 WORKHEAD



Note: There are a total of six cap screws and lock nuts on each tamping tool bracket.

SERVICE GROUP PARTS LIST

ITEM	PART NO	DESCRIPTION	QTY
1	2005171	High Lock Nut - 3/4"-16	48
2	252272-438	Cap Screw, 3/4"-16 x 4" Hex Head	48

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