



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 10-3-2006 **BULLETIN NO:** 06-008

**TITLE:** FUEL TANK PLATFORM ISOLATION SERVICE GROUP

**RATING:**

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

**PRODUCT SERIES / MODEL:** 6700S Tampers

**SERIAL NO:** Models 151950 thru 153310, 153356, 153386 thru 153391 and 153394

**SUMMARY:** Several fuel tanks on the above machines are still experiencing cracks at the bend radius on the sides of the tank. It has been determined that the mounting of the platform to the edge of the tank is contributing undue stress to the tank and causing fatigue. To mitigate this problem, a Service Group is now available to isolate the tank from the side platform on the machine.

This Service Bulletin was preceded by Service Bulletin 01-021 that recommended that all tanks are to be three point mounted. HTT recommends that this Fuel Tank Isolation Service Group be ordered and installed, and used in conjunction with the Fuel and Hydraulic Tank Service Group components listed in Service Bulletin 01-021.

**OPERATIONAL IMPACT:** To eliminate fuel tank failure due to platform mounting stress.

**ACTION:** Follow the Instructions in this Service Bulletin to install the Fuel Tank Platform Isolation Service Group. Two holes must be drilled through the platform and battery box cover to install the Service Group.

**CONTACT:** To order the Fuel Tank Platform Isolation Service Group #2012443, contact the Parts Department at the Ludington, MI. facility 231-843-3431. If you have any technical questions or if we can be of any service, please contact Mark Krusniak at the Ludington, MI. facility, 231-843-7415.

**SAFETY INFORMATION**

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

**#2012443 SERVICE GROUP INSTALLATION INSTRUCTIONS - See Drawing #2012443**

1. Remove the existing mounting fasteners between the fuel tank and platform as shown. Discard the mounting fasteners, they will not be re-used.
2. Locate the spacer tube (1) per the dimensions shown. Then drill two 1/2" diameter holes in the platform and through the battery box cover as shown so the drilled holes line-up with the spacer tube (1).
3. Install the spacer tube (1) between the platform and battery box cover as shown and secure using two 3/8"-16 x 3-3/4" long hex cap screws (2), 3/8"-16 hex lock nuts (3) and 3/8" flat washers (4).
4. Install the short spacer (5) and long spacer (6) between the platform and railing as shown and secure using four 3/8"-16 x 1-1/2" long hex cap screws (7), 3/8" lock washers (8) and 3/8" flat washers (4).
5. Inspect the mounting fasteners of the fuel tank to the frame. Only three fasteners are to be used to secure the tank to the frame. If four fasteners are present, remove the outside fastener from the rear side of the tank.
6. Inspect the mounting fasteners of the fuel tank and hydraulic tank to see if spacer washers are installed between the tank mounting flanges and the frame. If spacer washers are not present, it is recommended to order and install the spacer washers using longer cap screws as stated in Service Bulletin 01-021.

**#2012443 SERVICE GROUP PARTS LIST - See Drawing #2012443**

ITEM	PART NO	DESCRIPTION	QTY
1	2012444	Spacer - Tube . . . . .	1
2	250010-116	Screw - Hex Head Cap, 3/8-16" x 3-3/4" . . . . .	2
3	153140-616	Lock Nut - Grade 5 Hex, 3/8"-16 . . . . .	2
4	158024-4	Washer - Plain Wrought Iron, 3/8" . . . . .	6
5	2012445	Spacer - Short . . . . .	1
6	2012446	Spacer - Long. . . . .	1
7	250010-107	Screw - Hex Head Cap, 3/8"-16 x 1-1/2" . . . . .	4
8	150988-11	Washer - Regular Lock, 3/8" . . . . .	4
9	2012443-DWG	Drawing / Bill of Material. . . . .	1

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DRILL NEW .50 DIA HOLES  
IN PLATFORM AND THROUGH  
BATTERY BOX COVER TO  
LINE UP WITH HOLES  
IN SPACER TUBE

INSTALL SPACER

.50 MIN.

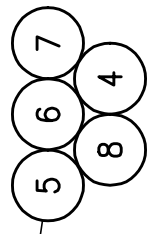
REMOVE PLATFORM  
MOUNTING  
BOLTS

ONLY THREE (3) MOUNTING  
BOLTS ARE TO BE USED  
TO FASTEN TANK TO FRAME

IF FOUR (4) ARE  
PRESENT REMOVE  
ONE (1)  
FROM REAR SIDE

TWO (2)  
THIS END

ONE (1)  
THIS END



.38  
GAP ABOVE  
FRAME MEMBER  
ON ALL BOTTOM EDGES

CONFIDENTIAL		DATE		REVISION	
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