
SERVICE BULLETIN

MAINTENANCE OF WAY EQUIPMENT

DATE: 04 - 2026

BULLETIN NO: SBUS000141-26

TITLE: Axle Shunt Kit Installation - 6700 Tampers

RATING:

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

PRODUCT SERIES / MODEL: 6700 Tampers

SERIAL NO's: N/A

SUMMARY: Kit includes necessary parts, a drill bit, and a tap for installing one shunting cable each on a front and a rear axle assembly on 6700 Tampers.

OPERATIONAL IMPACT:

Installing this kit will bypass wheel insulation to allow the machine to trigger track signals as a train does. This keeps the signal system working correctly while the 6700 Tamper moves down the tracks.

ACTION: Follow instructions within and on engineering print 5153933 Axle Shunt Kit - 6700 to properly and safely install kit on wheels and axles of 6700 Tampers.

CONTACT: Harsco Rail Service Department
Please contact Kelly Gardner - kgardner@harsco.com

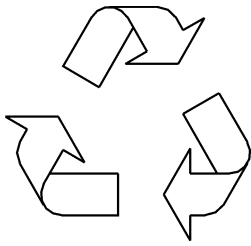
SAFETY INFORMATION



- Follow applicable railroad lockout - tagout procedures to disable energy sources when performing maintenance, making adjustments or repairs to the vehicle or equipment.
- Refer to energy control procedure to remove all energy sources from machine before performing maintenance or making adjustments or repairs to machine.

Failure to heed these warnings could result in severe bodily injury.

Waste Disposal



Dispose of waste properly. Improper disposal of waste can threaten the environment. The operation and maintenance of Harsco Rail equipment may involve the use and disposal of such items as hydraulic fluid, engine oil, coolant, filters, batteries, grinding debris, etc.

Use leak proof containers when draining fluids. Do not pour waste onto the ground, down a drain, or into any water source. Inquire on the proper way to recycle or dispose of waste according to applicable Federal, State and/or Local regulations.

Before Performing Maintenance

1. Comply with all company safety rules and operating procedures before starting any maintenance.
2. Make sure the machine is in a safe location for the maintenance being performed.
3. Make sure the maintenance personnel are qualified to perform the maintenance procedures.
4. Apply hand brakes. Chock machine wheels, if required. Make sure unintended movement of the machine cannot occur.
5. Make sure all machine components (Workheads, Jackbeam, Mask Follower, Lining Sensor Follower, Light Reference System, etc.) are raised and locked in the stowed position.
6. Stop the engine and turn the master disconnect switch off.
7. Depressurize the air and hydraulic systems.

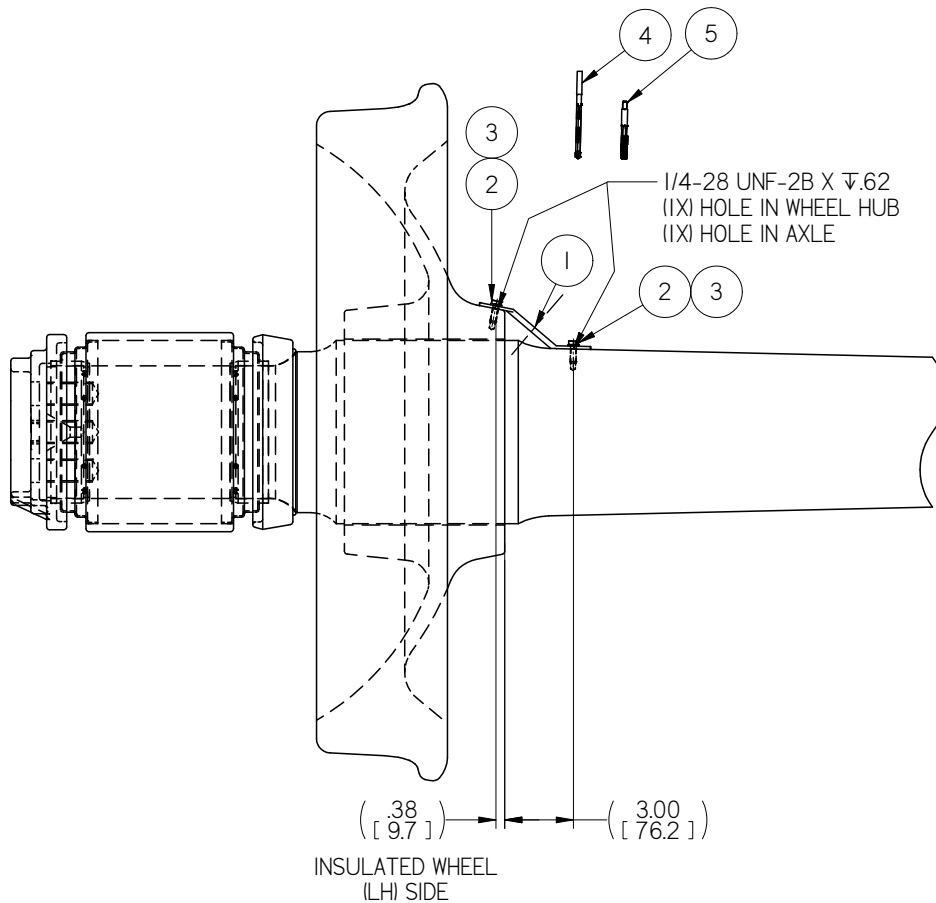
Kit Installation Procedure - See Figures 1, 2, and 3

On 6700 Tampers with Insulated Wheel/Axles - only one wheel is insulated from track signal circuitry. The insulated wheel is the left side wheel, the wheel furthest from the gearbox.

1. Decide which wheel/axle assembly to begin the installation with - front or rear.
Note: The Left Side wheels are insulated - this is the wheel the kit must be installed on.
2. Securely insert supplied 7/32 diameter Drill Bit (4), into your drill.
3. Apply a few drops of oil onto the drill bit and the axle and wheel surfaces being drilled.
Note: See also Harsco Rail Engineering print 5153933 - Kit, Axle Shunt - 6700 for drilled hole locations.
4. Drill two holes - as shown in Figure 1.
5. Securely insert supplied Bottom Tap, .25-28 UNF (5) into a tap holder or drill.
6. Apply a few drops of oil into the drilled holes and onto the thread cutters of the Tap (5).
7. Create new threads 5/8 inch deep in the two newly drilled holes as shown in Figure 1.
8. Blow out the debris from the drilled and tapped holes with compressed air.
9. Install a Cable Assembly (1) onto the wheel and axle and secure with 250010-28 Screw-HHC .25-28 x .75 LG (2) and F009535 Lock Washer 1/4" Medium ZP (3) into the freshly drilled and tapped holes.

10. Repeat the procedure for the other axle of the machine.

FIGURE 1
KIT INSTALLATION PROCEDURE



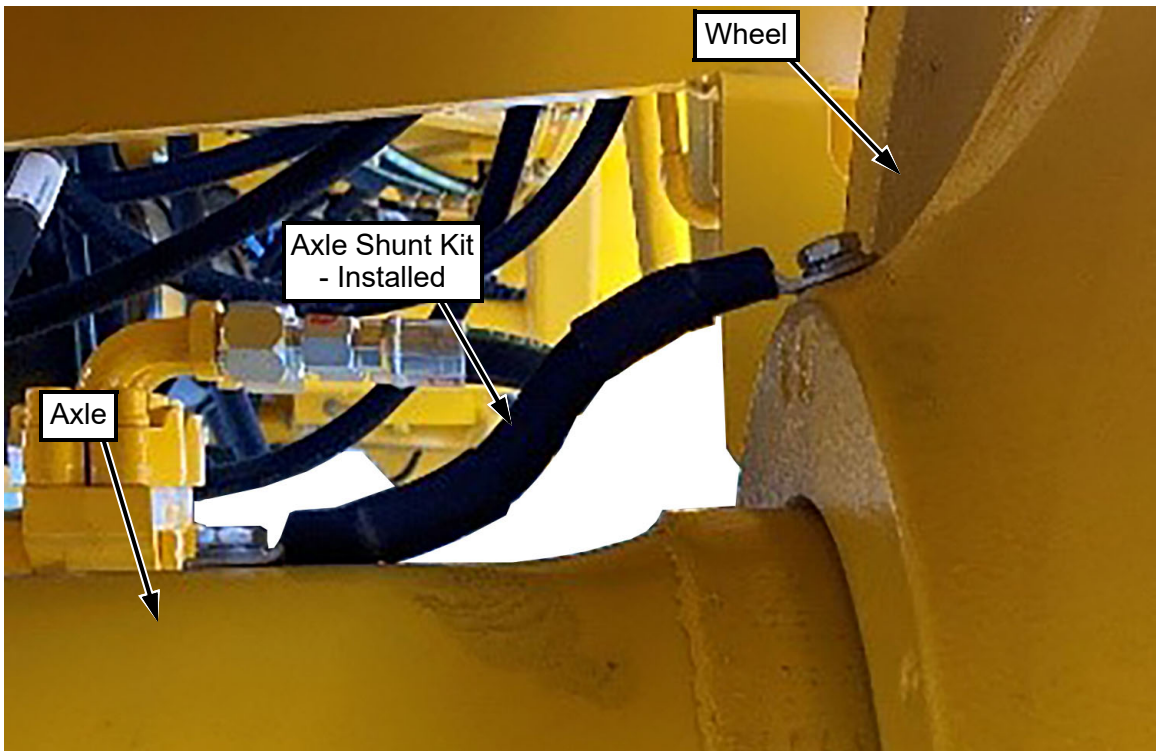
Axle Shunt Kit - 6700 - (See also 5153933 print for illustration)

ITEM	PART NO	DESCRIPTION	QTY
	5153933	KIT, AXLE SHUNT - 6700	
1	212569-16	CABLE ASSEMBLY	2
2	250010-28	SCREW-HHC, .25-28 X .75 LG	4
3	F009535	WASHER, LOCK, 1/4", MEDIUM, ZP	4
4	5153943	DRILL BIT, 7/32 X 3-3/4	1
5	5153951	BOTTOM TAP, .25-28 UNF	1

FIGURE 2
AXLE SHUNT KIT INSTALLED



FIGURE 3
INSTALLATION COMPLETE



FACILITY LOCATIONS

HARSCO RAIL, LLC
 306 West Fourth Street
 Fairmont, MN
 56031-1837
 Tel: +1 (507) 235-7376
 Parts: +1 (800) 800-6410
 Fax: +1 (507) 235-7372

HARSCO RAIL, LLC
 2401 Edmund Road, Box 20
 Cayce-West Columbia, SC
 29171-0020
 Tel: +1 (803) 822-7420
 Parts: +1 (800) 800-6410
 Fax: +1 (803) 822-7403

HARSCO RAIL, LLC
 200 South Jackson Road
 Ludington, MI
 49431
 Tel: +1 (231) 843-3431
 Parts: +1 (800) 800-6410
 Fax: +1 (231) 843-1644

**HARSCO RAIL
 GLOBAL HEADQUARTERS**
 3440 Toringdon Way
 Suite 107, Building 3
 Charlotte, NC 28277
 56031-1837
 Tel: +1 (980) 960-2624

HARSCO RAIL, LTDA
 Av. Marechal Câmara
 160 / 1615, Centro
 Rio de Janeiro RJ 20020-080
 Brazil
 Tel: +55 21 2510-5164 / -5151

HARSCO RAIL EUROPE, GmbH
 Luetticher Str. 130
 40547 Duesseldorf, Germany
 Tel: +49 (0) 211 60116 0

HARSCO RAIL CHINA
 Room C1201 Tower 2,
 No.36 BeiSanHuan Dong Lu,
 DongCheng District,
 Beijing 100013, P.R. China
 Phone: +87 10-6590-6399

**HARSCO TRACK MACHINES AND
 SERVICES PRIVATE**
 Limited India
 2nd Floor, Building Alpha,
 Bengal Intelligent Park Block EP &
 GP,
 Sector V, Salt Lake, Kolkata
 700091 West Bengal, India
 Phone: +91 33 2357 5651

HARSCO RAIL MALAYSIA
 3-5, Block A, Jaya One
 72A Jalan Profesor Diraja Ungku
 Aziz,
 46200 Petaling Jaya,
 Selangor, Malaysia

HARSCO RAIL LTD
 Unit 1 Chewton Street
 Eastwood, Nottingham, NG16 3HB
 United Kingdom
 Tel: +44 (0) 1773 539480

HARSCO RAIL PTY LTD
 157 Granite St
 Geebung, Queensland 4034
 Australia
 Tel: 61 7 3205 6500
 Fax: 61 7 3205 7369

© 2026 HARSCO RAIL, LLC, ALL RIGHTS RESERVED

Printed In USA

