



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN

### MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 2 - 2004

**BULLETIN NO:** 04-001

**TITLE:** 202099 STUB AXLE FASTENER SERVICE GROUP

**RATING:**

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

**PRODUCT SERIES / MODEL:** HR1500 Series B2 HY-RAIL® Guide Wheel Units shipped from the Fairmont Minnesota Facility after January 27, 2004.

**SERIAL NO:** 43218 and above.

**SUMMARY:** Harsco Track Technologies' supplier of disc-lock nuts has discontinued the heavy-duty 1/2"-20 zinc coated disc-lock nut (HTT #200341). The supplier is now providing a standard 1/2"-20 magni coated disc-lock nut (HTT #201754). The magni coating provides increased corrosion resistance. These disc-lock nuts are used with the hex flange cap screws and washers to secure the stub axle to the axle on the guide wheel unit.

**OPERATIONAL IMPACT:** The standard 1/2"-20 magni coated disc-lock nut (HTT #201754) requires a different torque specification than the heavy-duty 1/2"-20 zinc coated disc-lock nut (HTT #200341) did.

**ACTION:** Use this information to identify the disc-lock nuts used on your guide wheel unit. Use the torque specifications given in this Service Bulletin when torquing the disc-lock nuts. Use the 202099 Stub Axle Fastener Service Group when ordering replacement stub axle fasteners.

**CONTACT:** If you have any questions or if we can be of any service, please contact the HY-RAIL® Guide Wheel Equipment Department at the Fairmont, MN facility (507) 235-7112.

**Safety Information**

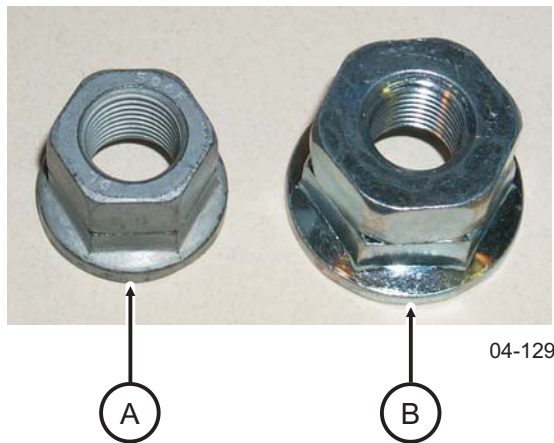


■ **FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO DISABLE ENERGY SOURCES WHEN PERFORMING MAINTENANCE, MAKING ADJUSTMENTS OR REPAIRS TO THE VEHICLE OR EQUIPMENT. FAILURE TO HEED THIS WARNING COULD RESULT IN SEVERE BODILY INJURY.**

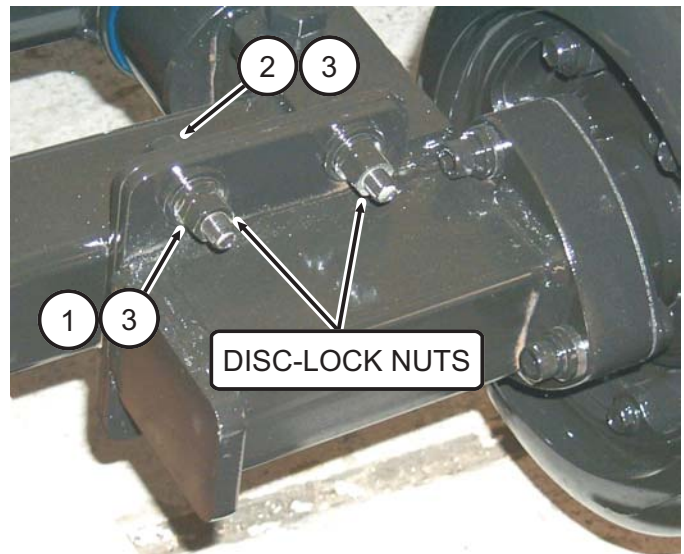
**Disc-Lock Nut Description And Location - See Figures 1 and 2**

- (A) HTT Part No. 201754: New disc-lock nut with the magni coating has a dull appearance. Requires a 3/4" socket. Torque Specification: 110 ft.-lbs. (149 N-m)
- (B) HTT Part No. 200341: Discontinued disc-lock nut with the zinc coating has a shiny appearance. Requires a 15/16" socket. Torque Specification: 130 ft.-lbs. (176 N-m)

**FIGURE 1  
DISC-LOCK NUTS**



**FIGURE 2  
DISC-LOCK NUT LOCATION**



**202099 Stub Axle Fastener Service Group**

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ITEM	PART NO	DESCRIPTION	QTY
	202099	STUB AXLE FASTENER SERVICE GROUP.....	1
1	201754	Disk-Lock Nut, 1/2"-20 .....	4
2	F020440	Cap Screw, 1/2-20 x 2" GR 8 Hex Flg Hd.....	4
3	072897	Washer .....	8

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