



Harsco Track Technologies

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SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 12-10-2002 / Revised 1-15-2004 **BULLETIN NO:** 02-035

TITLE: 193872 WHEEL SPACER APPLICATION

RATING: **DIRECTIVE** (Action Is Required) **ALERT** (Potential Problem)
 INFORMATION (Action Is Optional) **PRODUCT IMPROVEMENT** (Enhance Product)

PRODUCT SERIES / MODEL: All 2001 to present Chevrolet 2500 Vehicles Equipped With HY-RAIL® Guide Wheel Equipment Series 0307, HR0307A, HR0307B or HR1500B Rail Pilot Units.

SERIAL NO: All 0307 Models - All HR0307 Models A1 / B1 - All HR1500 Models B1

SUMMARY: Several reports have been made of finding loose rear wheels on 2002 Chevrolet 2500 Series vehicles equipped with wheel rim part # 137649K and wheel spacer part # 193872. The vehicle's rear wheel studs or nuts have been found to protrude beyond the surface of the wheel spacer which keeps the vehicle's wheel from mounting flat against the wheel spacer. Therefore it is recommended to inspect the vehicle's rear wheel spacers to ensure the wheel studs and nuts are recessed below the surface of the wheel spacer.

OPERATIONAL IMPACT: To help prevent the possibility of the vehicle's rear wheels from becoming loose.

ACTION: Remove the vehicle's rear wheels and inspect the wheel spacers to ensure the wheel studs and nuts are recessed below the surface of the wheel spacer. Then re-torque the wheel spacer nuts, re-install the vehicle's rear wheels and re-torque the wheel nuts.

CONTACT: If you have any questions or if we can be of any service, please contact the HY-RAIL® Service Department at (507) 235-7212.

SAFETY INFORMATION

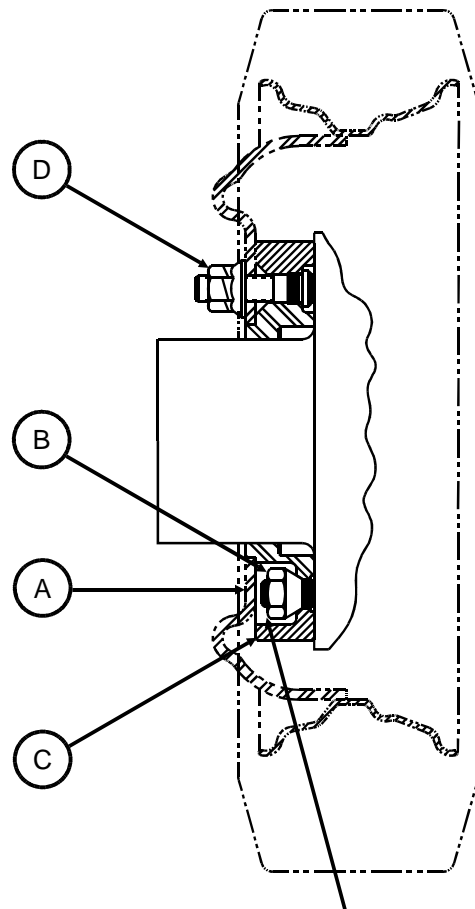
- n FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM VEHICLE AND RAIL GUIDE WHEEL EQUIPMENT. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.**

INSPECTING REAR WHEEL SPACER BOLTS - See Figure 1

1. Remove the vehicle rear wheels (A).
2. Verify that all vehicle rear wheel studs and nuts (B) are recessed below the surface of the wheel spacer (C) and do not come in contact with the wheel disc (A).
3. If contact is found between the studs (B) and wheel disc (A), grind the end of the studs until they are recessed below the surface of the wheel spacer (C).
4. If contact is found between the wheel nut (B) and wheel disc (A), either:
 - 4.1 Grind the surface of the nut (B) until it is recessed below the surface of the wheel spacer (C).
 - 4.2 Call HTT for a replacement spacer part # 193872.
5. Re-torque all rear wheel spacer nuts (B) to 140 Ft-Lbs.
6. Remount the vehicle rear wheels (A) and torque the wheel nuts (D) to 180 - 200 Ft-Lbs if Zinc coated or to 140 Ft-Lbs if Magni coated.

Note: See Service Bulletin 03-030 to identify coating of wheel nuts.

FIGURE 1 SE02A214A-1
VEHICLE REAR WHEEL



STUDS AND NUTS (B) MUST BE RECESSED BELOW SURFACE OF WHEEL SPACER (C) AND MUST NOT CONTACT WHEEL DISC (A)

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