



Harsco Track Technologies

Harsco

www.harscotrack.com

SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 5-20-2005 **BULLETIN NO:** 05-005

TITLE: VEHICLE 19-1/2" WHEEL INSPECTION

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

PRODUCT SERIES / MODEL: All Vehicles Equipped with HY-RAIL® Guide Wheel Equipment using 19-1/2" Wheel Modification Kits.

SERIAL NO: All 0307, HR0307A, HR1000, HR1200 and HR1500 Rail Pilot Unit Models

SUMMARY: HTT 19-1/2" wheel modification kits must be installed correctly, properly maintained, and inspected regularly. This will improve vehicle performance and also help to prevent and/or detect any problems with the wheels. Some vehicles have been misused and neglected which has led to wheel problems, such as rough ride and mechanical failure of the wheel. Cracks or breakage of the wheel have been reported in some cases. Rough ride may be attributed to poor tire quality or due to incorrect wheel / tire balancing techniques.

OPERATIONAL IMPACT: To improve the functionality and safety of the HY-RAIL® equipped vehicles.

ACTION: As a precaution, all vehicles equipped with the HTT 19-1/2" wheel modification kits should have all of their wheels inspected immediately, including the spare wheel. See the instructions on Page 2 of this Service Bulletin.

CONTACT: If you have any questions or if we can be of any service, please contact the appropriate HTT HY-RAIL® department at the Fairmont, MN. facility at the phone numbers listed in Step 9 on Page 2 of this Service Bulletin:

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.

WHEEL INSPECTION INSTRUCTIONS

1. Thoroughly clean the entire wheel. Inspect the wheel for any type of damage that includes deformations, cracks, and/or breakage of any type.
2. Check the condition of the lug nuts. Check for proper torque as noted on the wheel decal. Replace any suspect lug nuts. Re-torque as required.
3. Confirm the actual weight of the vehicle. Weigh the vehicle on an accurate scale. Check the vehicle manufacturer's load ratings. Check the gross load rating plus each axle load rating. **DO NOT EXCEED** any of these ratings. Make adjustments to the payload if required.
4. If a rough ride is being reported, then check the balance of the wheels and tires. Replace the wheels or tires if they are suspected to be the problem.
5. If installing wheels due to a new installation, rebalancing, repair, or tire rotation, torque the lug nuts by the proper tightening procedure as outlined in the referenced Service Bulletins listed in Step 8 or in the Operator's Manual.
6. If any problems are discovered or questions arise, contact HTT at the phone numbers listed in Step 9.
7. HTT will replace any cracked or broken wheel under warranty if the vehicle has not been abused or over-loaded.
8. For reference, refer to the following previously issued HTT Service Bulletins concerning vehicle wheels. If you do not have a copy of these bulletins contact HTT at the phone numbers listed in Step 9.
 - 8.1 Service Data No. 559 dated 1-1991
 - 8.2 Service Bulletin No. 01-005 dated 7-2001
9. If you have any questions or if we can be of any service, please contact the appropriate HTT HY-RAIL® department at the Fairmont, MN. facility at the following phone numbers:
 - 9.1 Roger Kusick - Service - 507-235-7212 (office) or 803-315-9018 (cell)
 - 9.2 Roger Sanders - Sales - 507-235-7112 (office) or 803-767-8490 (cell)
 - 9.3 Julie Klages - Sales - 507-235-7191 (office)
 - 9.4 Neal Belgard - Parts - 507-235-7143 (office)

© 2005 HARSCO TRACK TECHNOLOGIES, HARSCO CORPORATION

415 North Main Street
Fairmont, MN
56031-1837
Tel: (507) 235-3361
Fax: (507) 235-7370

2401 Edmund Road, Box 20
Cayce-West Columbia, SC
29171-0020
Tel: (803) 822-9160
Fax: (803) 822-7471

200 South Jackson Road
Ludington, MI
49431
Tel: (231) 843-3431
Fax: (231) 843-1644