



Harsco Track Technologies

Harsco

www.harscotrack.com

SERVICE BULLETIN

MAINTENANCE OF WAY EQUIPMENT

DATE: 9 - 2007

BULLETIN NO: 07-013

TITLE: 140104 Steel Tread Guide Wheel Wear Clarification

RATING:

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

PRODUCT SERIES / MODEL: HR18 Series A, HR18 Series B, HR1900 Series A, HR2000 Series A, HR2000 Series B and HR2500 Series A HY-RAIL® Guide Wheel Units equipped with the 140104 Steel Tread Guide Wheel.

SERIAL NO: N/A

SUMMARY: It has come to the attention of Harsco Track Technologies that the 140104 steel tread guide wheel wear information stated in the Operator's Service and Parts Manuals for the above listed Guide Wheel Units is incorrect. This Service Bulletin provides correct guide wheel wear guidelines.

OPERATIONAL IMPACT: Following the guideline stated in this Service Bulletin will help ensure that the proper life expectancy of the guide wheel is achieved.

ACTION: Follow the instructions in this Service Bulletin to check the allowable guide wheel wear on the 140104 steel tread guide wheel.

CONTACT: If you have any questions or if we can be of any service, please contact the Fairmont, MN facility, HY-RAIL® Guide Wheel Equipment Service Department at (507) 235-7212 or to order parts, contact the Parts Department at (507) 235-7143 or (507) 235-7191.

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.**

140104 Steel Tread Guide Wheel Allowable Wear - See Figure 1

■ **REPLACE ANY GUIDE WHEEL IMMEDIATELY WHICH SHOWS DAMAGE AND/OR HAS WORN MORE THAN THE ALLOWABLE LIMITS. FAILURE TO COMPLY COULD RESULT IN DERAILMENT OF THE VEHICLE, AND SEVERE BODILY INJURY.**

The guide wheels must be checked for allowable wear a minimum of once yearly (every twelve months). Use the following procedure to check the guide wheel wear.

1. Tools needed: Harsco Track Technologies wheel caliper (M019889), or equivalent.
2. Measure the guide wheel flange at Position "A" with the wheel caliper. The minimum allowable flange dimension at Position "A" is 1/2 inch (12.7 mm).

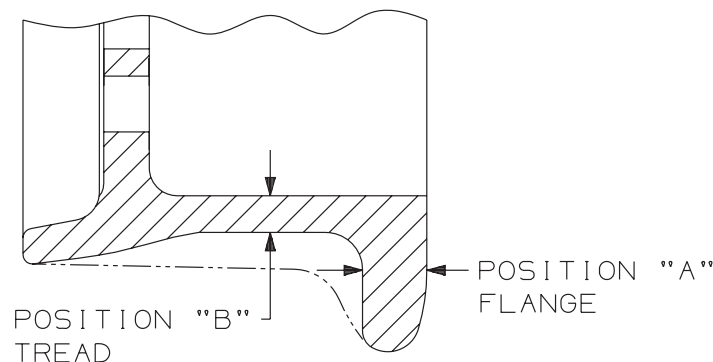
If the guide wheel flange dimension is less than the allowable limit, replace the guide wheel immediately.

3. Measure the guide wheel tread at Position "B" with the wheel caliper. The minimum allowable tread dimension at Position "B" is 5/16 inch (8 mm).

If the guide wheel tread dimension is less than the allowable limit, replace the guide wheel immediately.

4. The entire guide wheel must not have any gouges or cracks. If any of these are evident, replace the guide wheel immediately.

FIGURE 1
140104 STEEL TREAD GUIDE WHEEL
ALLOWABLE WEAR



SE92A128A-3

© 2007 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

Printed In U.S.A.