
SERVICE BULLETIN

MAINTENANCE OF WAY EQUIPMENT

DATE: 09 – 2026

BULLETIN NO: SBUS000148-26

TITLE: 6700 OPERATION MANUAL UPDATE

RATING:

☐	DIRECTIVE (Action Is Required)	☐	ALERT (Potential Problem)
☒	INFORMATION (Action Is Optional)	☐	PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: 6700 SJ2

SERIAL NO: 153864, 153865, 153866, 153867, 153869, 153881, 153882, 153883, 153884, 153885, 153886, 153887, 153888, 153889, 153890, 153891, 153892, 153893, 153894, 153895, 153896, 153897, 153898, 153899, 153900, 153904, 153905, 153906, 153908, 153909, 153910, 153911, 153912, 153913, 153914, 153915, 153916, 153917, 153918, 153919, 153920, 153921, 153922, 153946, 153947, 153948, 153949, 153950, 153951, 153952, 153953, 153954, 153957, 153958, 153959, 153960, 153962, 153963, 153964, 153965, 153966, 153967, 153968, 153969, 153970, 153971, 153972, 153973, 153981, 153982, 153983, 153984, 153985, 153986, 153987, 153988, 153989, 153990, 153991, 153992, 153993, 153994, 153995, 153996, 154002, 154003, 154004, 154014, 154015, 154016, 154017, 154018, 154019, 154020, 154021, 154022, 154034, 154035, 154036, 154037, 154038, 154039, 154040, 154041, 154042, 154043, 154054, 154055, 154056, 154057, 154058, 154059.

SUMMARY:

This update applies to all the 6700's Tier IV machines supplied with the Operator's Manual, Part Number 5083236.

The rear service brake shoe adjustment procedure in the Operator's Manual contains an incorrect clearance in the description.

OPERATIONAL IMPACT:

Improper adjustment may result in slow / weak rear brake response.

ACTION:

Replace sheet 200 of the operator's manual (part number 5083236) with the revised sheet attached to this Service Bulletin.

Ensure that the rear brake shoe clearance is adjusted to the correct specification of 1/16" in accordance with the revised instructions.

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

SAFETY INFORMATION



- Follow applicable railroad lockout - tagout procedure to remove machine from energy source. Failure to comply could result in severe bodily injury.
- 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 or death.

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APPENDIX

2.2.10.2 Rear Service Brakes

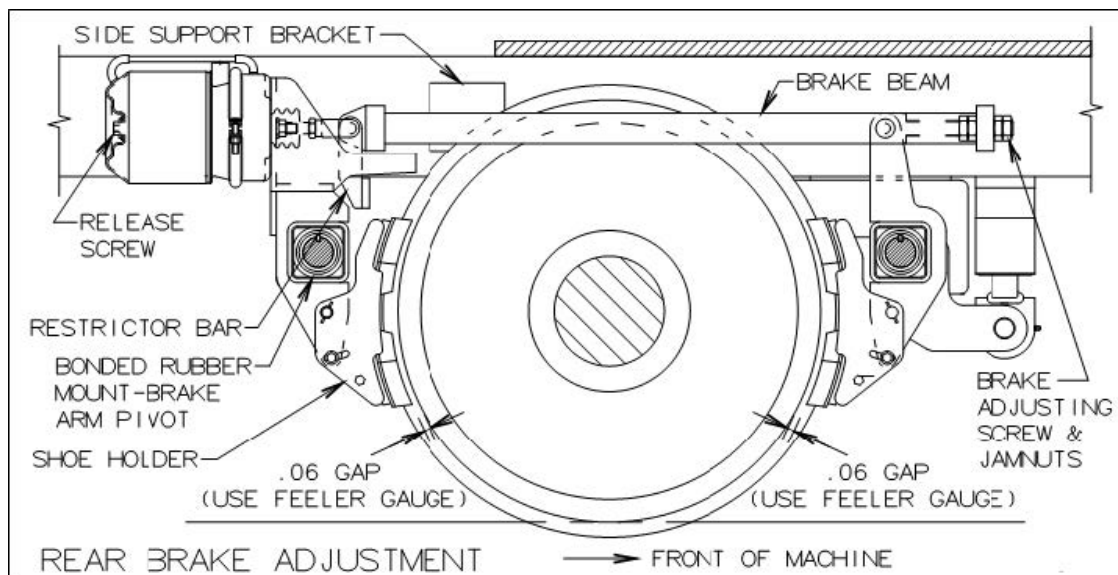
The rear brake arms pivot on a keyed square bonded elastomer mount to give system a centering effect on wheel and to minimize wear and maintenance. They do not require lubrication. All adjustment is done on the end opposite of brake chamber.

Adjusting Rear Service Brakes:

2.2

1. Retract the spring applied parking brakes using machine air system pressure.
2. For safety, turn the release bolt counterclockwise (use 3/4"/19 mm socket) until the slack is taken up and bolt is holding rod in position. Check for security by releasing air pressure.
3. Approximately 1/16"/2 mm gap is desired between brake shoe and the wheel surface. The gap is achieved by adjusting the slack adjusters with air brake chamber.
4. Reapply air pressure to the spring port (retracting brakes) by pulling round parking brake knob on right-hand side of cab (push diamond-shaped knob). Make sure air system is at full pressure (90-110 PSI/6.2- 7.6 bar). Turn release bolt clockwise until it is tight (35-45 ft-lbs./47 61 Nm). Check gap to make sure 1/16"/2 mm gap has been maintained.

Figure 2.2.10-3
REAR BRAKE ADJUSTMENT



5. Apply service brake pressure and check that the brake shoe applies solidly against the wheel with the brake chamber push rod at approximately mid-stroke or less (3.00"/76 mm stroke total).
6. Apply the parking/spring applied brake and check for proper braking as described in Section 2.2.8, Testing Parking/Spring Applied Brake System.



- If brake chamber stroke is more than mid stroke, the brake shoes are worn excessively and need to be replaced. The machine may not stop in an assumed safe distance and bodily injury or death may result.
- The machine should be moved a short distance only. Have the brake system repaired and the parking/ spring applied brake linkage adjusted before the machine is operated.