



SWITCHING STEP SHOWING INSIDE RELIEF FOR CLEARANCE OF SIX-WHEEL TRUCK

[41 FR 37783, Sept. 8, 1976]

**§ 231.31 Drawbars for freight cars; standard height.**

(a) Except on cars specified in paragraph (b) of this section—

(1) On standard gage (56½-inch gage) railroads, the maximum height of drawbars for freight cars (measured perpendicularly from the level of the tops of the rails to the centers of the drawbars) shall be 34½ inches, and the minimum height of drawbars for freight cars on such standard gage railroads (measured in the same manner) shall be 31½ inches.

(2) On 36-inch gage railroads, the maximum height of drawbars for freight cars (measured perpendicularly from the level of the tops of the rails to the centers of the drawbars) shall be 26 inches, and the minimum height of drawbars for freight cars on such 36-inch gage railroads (measured in the same manner) shall be 23 inches.

(3) On 24-inch gage railroads, the maximum height of drawbars for freight cars (measured perpendicularly from the level of the tops of the rails to the centers of the drawbars) shall be 17½ inches, and the minimum height of drawbars for freight cars on 24-inch gage railroads (measured in the same manner) shall be 14½ inches.

(4) On railroads operating on track with a gage other than those contained in paragraphs (a)(1) through (a)(3) of this section, the maximum and minimum height of drawbars for freight cars operating on those railroads shall be established upon written approval of FRA.

(b) This section shall not apply to a railroad all of whose track is less than 24 inches in gage.

[66 FR 4192, Jan. 17, 2001]

APPENDIX A TO PART 231—SCHEDULE OF CIVIL PENALTIES<sup>1</sup>

FRA safety appliance defect code section <sup>2</sup>	Violation	Willful violation
110.A1 Hand Brake or Hand Brake Part Missing .....	\$5,000	\$7,500
110.A2 Hand Brake or Hand Brake Part Broken .....	5,000	7,500
110.A3 Hand Brake or Hand Brake Part Loose or Worn .....	2,500	5,000
110.B1 Hand Brake Inoperative .....	5,000	7,500

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FRA safety appliance defect code section <sup>2</sup>	Violation	Willful violation
110.B2 Hand Brake Inefficient .....	2,500	5,000
110.B3 Hand Brake Improperly Applied .....	2,500	5,000
110.B4 Hand Brake Incorrectly located .....	2,500	5,000
110.B5 Hand Brake Shaft Welded or Wrong Dimension .....	2,500	5,000
110.B6 Hand Brake Shaft Not Retained in Operating Position .....	2,500	5,000
110.B8 Hand Brake or Hand Brake Parts Wrong Design .....	2,500	5,000
114.B2 Hand Brake Wheel or Lever Has Insufficient Clearance Around Rim or Handle .....	2,500	5,000
114.B3 Hand Brake Wheel/Lever Clearance Insufficient to Vertical Plane Through Inside Face of Knuckle .....	2,500	5,000
120.A1 Brake Step Missing Except by Design .....	5,000	7,500
120.A2 Brake Step or Brace Broken or Decayed .....	2,500	5,000
120.A3 Brake Step or Brace Loose .....	2,500	5,000
120.B1 Brake Step or Brace Bent .....	2,500	5,000
120.B2 Brake Step or Wrong Dimensions .....	2,500	5,000
120.C1 Brake Step Improperly Applied .....	2,500	5,000
120.C2 Brake Step Improperly Located .....	2,500	5,000
120.C3 Brake Step With Less Than 4" Clearance to Vertical Plane Through Inside Face of Knuckle .....	2,500	5,000
120.C4 Brake Step Obstructed or Otherwise Unsafe .....	2,500	5,000
124.A1 Running Board Missing or Part Missing Except By Design .....	5,000	7,500
124.A2 Running Board Broken or Decayed .....	5,000	7,500
124.A3 Running Board Loose Presents a Tripping Hazard or Other Unsafe Condition .....	2,500	5,000
124.A4 Running Board Wrong Material .....	2,500	5,000
124.B1 Running Board Bent to the Extent that It is Unsafe .....	2,500	5,000
124.B2 Running Board Wrong Dimensions .....	2,500	5,000
124.B3 Running Board Wrong Location .....	2,500	5,000
124.C1 Running Board Improperly Applied .....	2,500	5,000
124.C2 Running Board Obstructed .....	2,500	5,000
126.A1 End Platform Missing or Part Except By Design .....	5,000	7,500
126.A2 End Platform Broken or Decayed .....	5,000	7,500
126.A3 End Platform Loose .....	2,500	5,000
126.B1 End Platform or Brace Bent .....	2,500	5,000
126.B2 End Platform Wrong Dimensions .....	2,500	5,000
126.C1 End Platform Improperly Applied .....	2,500	5,000
126.C2 End Platform With Less Than Required Clearance to Vertical Plane Through Inside Knuckle .....	2,500	5,000
126.C3 End Platform Improperly Located .....	2,500	5,000
126.C4 End Platform Obstructed .....	5,000	7,500
128.A1 Platform or Switching Step Missing .....	5,000	7,500
128.A2 Platform or Switching Step Broken or Decayed .....	5,000	7,500
128.A3 Platform or Switching Step Loose .....	2,500	5,000
128.B1 Platform or Switching Step Bent .....	2,500	5,000
128.B2 Platform or Switching Step Does Not Meet the Required Location or Dimensions .....	2,500	5,000
128.C1 Platform or Switching Step Improperly Applied or Repaired .....	2,500	5,000
128.C2 Platform or Switching Step Obstructed .....	2,500	5,000
128.D1 Switching Step Back Stop or Kick Plate Missing .....	2,500	5,000
128.D2 Switching Step Not Illuminated When Required .....	2,500	5,000
128.D3 Non-Illuminated Step Not Painted Contrasting Color .....	1,000	2,000
130.A1 Sill Step or Additional Tread, Missing .....	5,000	7,500
130.A2 Sill Step or Additional Tread, Broken .....	5,000	7,500
130.A3 Sill Step or Additional Tread, Loose .....	2,500	5,000
130.B1 Sill Step or Additional Tread, Bent .....	2,500	5,000
130.B2 Sill Step or Additional Tread, Having Wrong Dimensions or Improperly Located .....	2,500	5,000
130.B3 Sill Step Improperly Applied .....	2,500	5,000
132.A1 Side Missing Step .....	5,000	7,500
132.A2 Side Door Step Broken .....	5,000	7,500
132.A3 Side Door Step Loose .....	2,500	5,000
132.B1 Side Door Step Bent .....	2,500	5,000
132.B2 Side Door Step Having Wrong Dimensions .....	2,500	5,000
134.A1 Ladder Missing .....	5,000	7,500
134.A2 Ladder Broken .....	5,000	7,500
134.A3 Ladder Loose .....	2,500	5,000
134.B1 Ladder Bent .....	2,500	5,000
134.B2 Ladder Having Wrong Dimensions .....	2,500	5,000
134.C1 Ladder Improperly Applied .....	2,500	5,000
134.C2 Ladder Having Insufficient Clearance or Improperly Located .....	2,500	5,000
134.C3 Ladder Wrong Design .....	2,500	5,000
134.C4 Ladder Wrong Material .....	2,500	5,000
134.D1 End Clearance Insufficient .....	2,500	5,000
136.A1 Ladder Tread or Handholds Missing .....	5,000	7,500
136.A2 Ladder Tread or Handhold Broken .....	5,000	7,500
136.A3 Ladder Tread or Handhold Loose Except By Design .....	2,500	5,000
136.B1 Ladder Tread or Handhold Bent to The Extent That It May Be Unsafe .....	2,500	5,000

FRA safety appliance defect code section <sup>2</sup>		Violation	Willful violation
136.B2	Ladder Tread or Handhold Wrong Dimensions .....	2,500	5,000
136.C1	Ladder Tread or Handhold Improperly Applied .....	2,500	5,000
136.C2	Ladder Tread or Handhold Having Wrong Clearance .....	2,500	5,000
136.C3	Ladder or Handhold Improperly Located .....	2,500	5,000
136.C4	Ladder Tread or Handhold Obstructed .....	2,500	5,000
136.C5	Ladder Tread Without Footguards .....	2,500	5,000
138.A1	Hand or Safety Railing Missing .....	5,000	7,500
138.A2	Hand or Safety Railing Broken .....	5,000	7,500
138.A3	Hand or Safety Railing Loose Except by Design .....	2,500	5,000
138.B1	Hand or Safety Railing Bent .....	2,500	5,000
138.B2	Hand or Safety Railing Wrong Dimensions .....	2,500	5,000
138.C1	Hand or Safety Railing Improperly Applied .....	2,500	5,000
138.C2	Hand or Safety Railing Having Less Than the Required Clearance .....	2,500	5,000
138.C3	Hand or Safety Railing Improperly Located .....	2,500	5,000
140.A1	Uncoupling Lever Missing .....	2,500	5,000
140.A2	Uncoupling Lever Broken or Disconnected .....	2,500	5,000
140.B1	Uncoupling Lever Bent Will not Safely and Reasonably Function As Intended .....	2,500	5,000
140.C1	Uncoupling Lever Bracket Bent Lever Will Not Function Properly .....	2,500	5,000
140.C2	Uncoupling Lever Bracket Broken or Missing .....	2,500	5,000
140.D1	Uncoupling Lever Wrong Dimension .....	2,500	5,000
140.D2	Uncoupling Lever With Improper Handle Clearance .....	2,500	5,000
144.A1	Coupler Missing .....	5,000	7,500
144.B1	Coupler Height Incorrect .....	2,500	5,000
144.C1	Coupler Inoperative .....	2,500	5,000
145.A1	Kick Plates Missing .....	2,500	5,000
145.A2	Kick Plates Broken .....	2,500	5,000
145.B1	Kick Plates Wrong Dimensions .....	2,500	5,000
145.B2	Kick Plates Improper Clearance .....	2,500	5,000
145.B3	Kick Plates Insecure Or Improperly Applied .....	2,500	5,000
146.A	Notice or Stencil not Posted on Caboose with Running Boards Removed .....	500	1,000
146.B	Safe Means not Provided to Clean or Maintain Windows of Caboose .....	1,000	2,000
231.31	Drawbars, standard height .....	2,500	5,000

<sup>1</sup> A penalty may be assessed against an individual only for a willful violation. The Administrator reserves the right to assess a penalty of up to \$27,000 for any violation where circumstances warrant. See 49 CFR part 209, appendix A.

<sup>2</sup> This schedule uses section numbers from FRA's Safety Appliance Defect Code, a restatement of the CFR text in a reorganized format. For convenience, and as an exception to FRA's general policy, penalty citations will cite the defect code rather than the CFR. FRA reserves the right, should litigation become necessary, to substitute in its complaint the CFR and/or statutory citation in place of the defect code section cited in the penalty demand letter.

[53 FR 52933, Dec. 29, 1988, as amended at 63 FR 11623, Mar. 10, 1998; 66 FR 4193, Jan. 17, 2001]

**PART 232—BRAKE SYSTEM SAFETY STANDARDS for FREIGHT and OTHER NON-PASSENGER TRAINS and EQUIPMENT; END-of-TRAIN DEVICES**

**Subpart A—General**

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- 232.3 Applicability.
- 232.5 Definitions.
- 232.7 Waivers.
- 232.9 Responsibility for compliance.
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- 232.15 Movement of defective equipment.
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**Subpart B—General Requirements**

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- 232.103 General requirements for all train brake systems.
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**Subpart C—Inspection and Testing Requirements**

- 232.201 Scope.
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- 232.205 Class I brake tests—initial terminal inspection.
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- 232.211 Class III brake tests—trainline continuity inspection.
- 232.213 Extended haul trains.
- 232.215 Transfer train brake tests.
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- 232.219 Double heading and helper service.