



Application Services  
(866) 284-5509

Technical Bulletin No. 091003 DR

End Stop Hardware Installation-  
Clarification

**Problem:**

End truck and trolley wheels bind in the rail as they move closer to the end stop with no associated binding through the center of the bridge or runway.

**Root Cause:**

The end stop bolts are over torque causing the rail opening to decrease and the side guide rollers to bind in the rail opening.

**Solution:**

Torque end stop bolts to a maximum of 10 Ft. lbs (13.55Nm). The torque specification will be added to the next version of the manual.

**Procedure:**

- 1) Loosen end stop bolt so that the nut is not in contact with the rail.
- 2) Check the bottom rail opening to verify the rail is not permanently deformed, refer to Z Rail Aluminum and Steel Overhead Rail Systems, form MHD56159, "Rail Sections" for the dimension of the rail being inspected. If the rail bottom opening is not as specified in the manual, the rail/ bridge section should be replaced.
- 3) Tighten bolt using appropriate torque wrench until the bolt reaches 10 ft. lbs of torque.