



INSTRUCTION TO SERVICE

ITS: 6515	
SECTION:	526 – Seats & Stanchions
WRITTEN BY:	Scott Geier
SUBJECT:	MiDi - Install Hand Pole Assembly Grabrail.

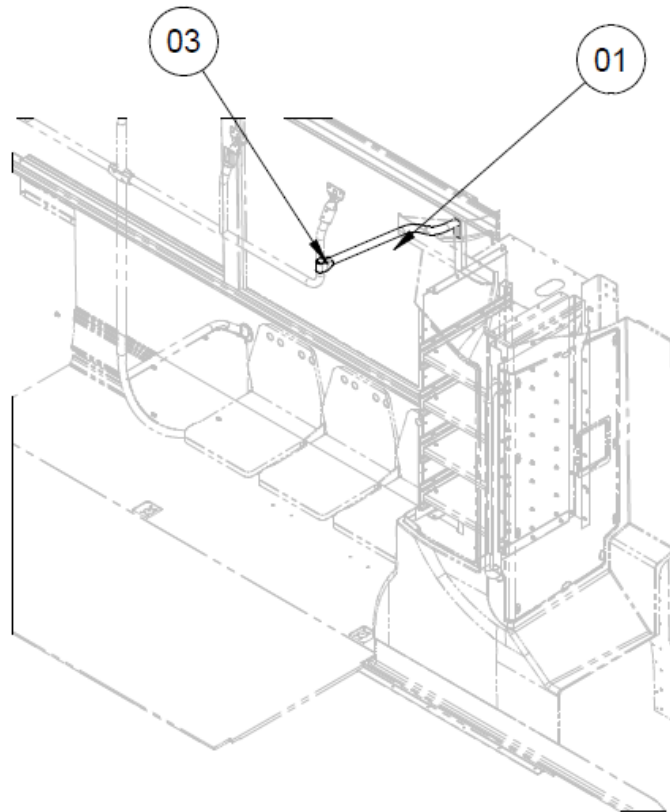
ITS-6515

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Issue: The street side forward Grabrail flexing inside the track causing excessive noise.

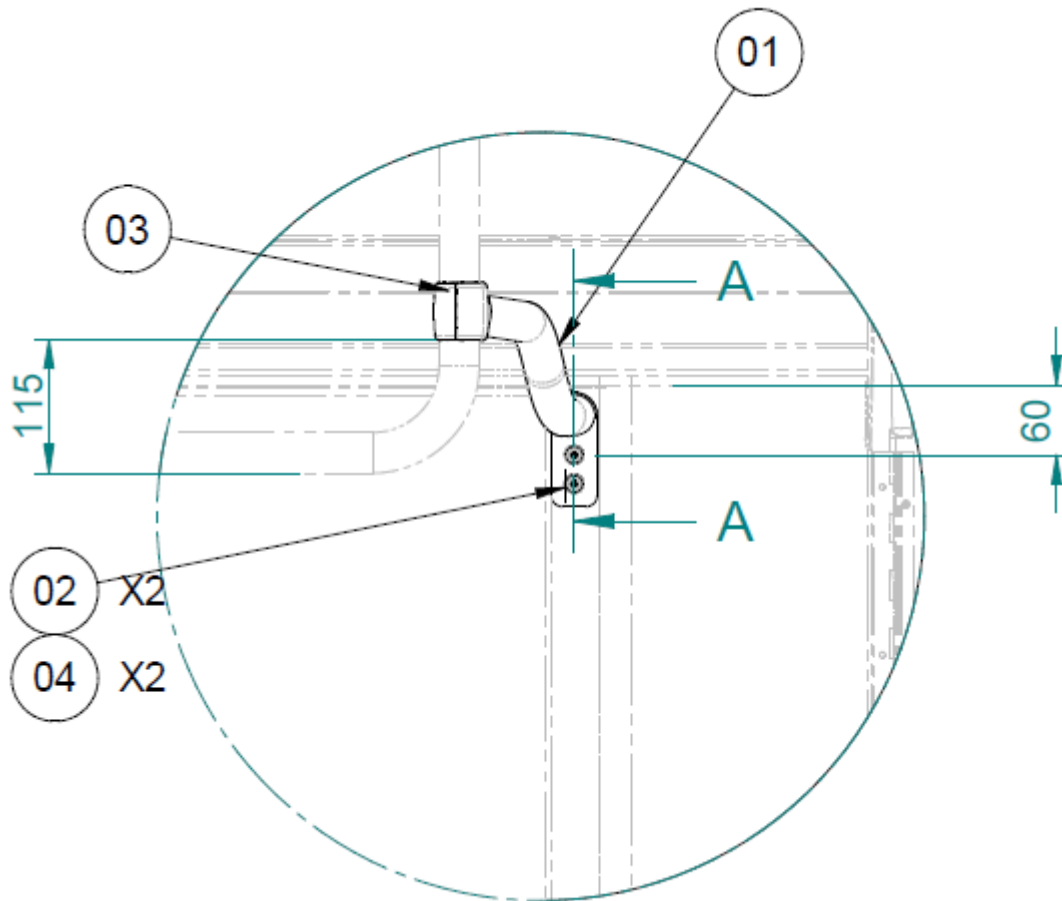
Solution: Install hand pole assembly mounted to the wall and grab rail to prevent excessive Grabrail flexing.



Hand Pole Assembly. Reference Only

PROCEDURE:

1. Locate the grab rail located behind the driver's partition.
2. Use the hand pole assembly as a template mark and cut away the window H-molding.
3. Using the hand pole assembly as a template mark the holes to drill for the nut inserts. See figure 1 for position and measurements.
4. Drill two holes using 17/32 drill bit and install two nut inserts (NF PN: A-87322111). See figure 1 item 04.
5. Install hand pole assembly (NF PN: A-69107425). Secure to sidewall using two socket button head screws (NF PN: A-87692113). Add 1-2 drops of Loctite (NF PN: 081034) and torque screws to 75-88 in.-lbs. Secure other end to the grab rail using T-Clamp (NF PN: A-69203133). See figure 1 items 01, 02, 03.



Item	Part Number	Description
1	A-69107425	Hand Pole Assembly
2	A-87692113	Screw Socket Bottom Head
3	A-69203133	T-Clamp Deans DLF 19-35
4	A-87322111	Versa – Nut Insert OVN01
5	081034	Loctite 243 Med. 10ML

Figure 1: Hand Pole Assembly Installation.



LABOUR ESTIMATE				
Item	Operation	Men	Hours	Labour Time M X HR
1	Install Hand Pole Assembly	1	.5	.5

Total Man hrs. .5 hrs.

PARTS REQUIRED					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	A-69107425	Hand Pole Assembly	1	EA	
2	A-87692113	Screw Socket Bottom Head	2	EA	
3	A-69203133	T-Clamp Deans DLF 19-35	1	EA	
4	A-87322111	Versa – Nut Insert OVN01	2	EA	
5	081034	Loctite 243 Med. 10ML	0.010	EA	