



# Vantage Mobility International

## Inspection for Proper Torque on L-Track

Document Number: TS-WI-0290

### TORQUE INSPECTION

<b>ASSEMBLY AREA</b>	Field	<b>ENGINEER</b>	N/A
<b>MODEL</b>	All L-Track equipped VMI Conversions	<b>STATION #</b>	N/A

### RELEASE SIGNATURES

Title	Signature	Date
Director, Manufacturing Engineering	Brian Mark	
Quality Manager	Jenny Glenn	
Tech Support	David Hagstrom	

### REVISION HISTORY

AUTHOR	DESCRIPTION OF CHANGE	REV	RELEASED	ECR/ECO
David Hagstrom	Initial Revision	A	9/5/18	

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### SAFETY REQUIREMENTS



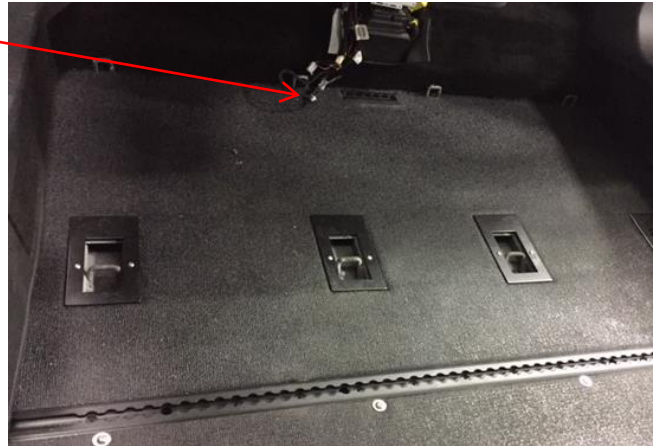
### TOOLS AND MATERIALS NEEDED



### SCOPE

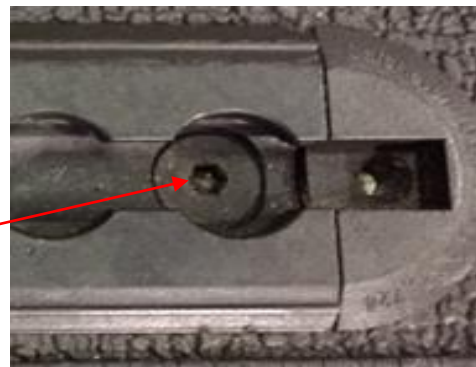
The possibility of L-track tie down bolts loosening up over time has been discovered through VMI continuous improvement efforts. Testing and inspection efforts show that the average amount of movement is less than ¼ turn. Because of this finding, VMI tested the ability of the L-track to effectively secure a wheel chair. Testing has shown that bolts that had backed out over twice that distance did not impact the L-tracks holding a wheelchair securely. This Bulletin is being published to ensure the vehicle is maintained to factory approved torque specifications

If necessary, remove front seats to gain access to the front L-Tracks (see picture for example)



#### **IMPORTANT!**

***If the bolt heads are not clean and free of debris, the hex socket may not engage completely. This may result in stripped heads and improper torque readings.***



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**Set the torque wrench for 9 ft/lb.**

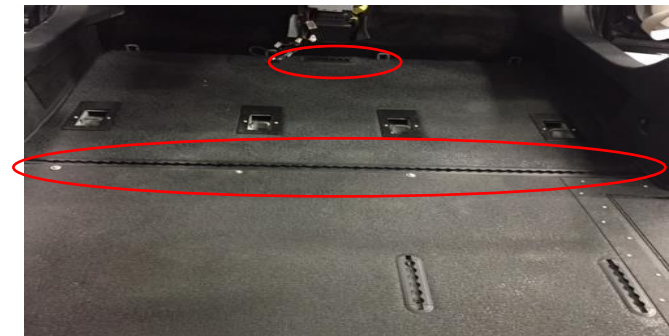
Beginning in the rear of the vehicle insert the 3/16 hex socket into each bolt head in every piece of L-Track and turn clockwise until the bolt is tightened to specification. (see example of L-Track placement)

\*\*\*NOTE in many cases the bolt will not move. This will signify that the bolt is still set to the required 9 ft/lbs.



Moving to the front section, repeat the process for every bolt in each piece of L-Track. (see example of L-Track placement)

After completion, reassemble the vehicle as necessary.



**This should be incorporated as part of the annual maintenance plan for ALL VMI converted vehicles.**





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