



## RECALL REPAIR PROCEDURE

<b>SST Barrier Reinforcement</b>		<b>Recall 16V-085</b> Page - 1 - of 4	
<b>BY:</b> Timothy Downey	<b>DEPARTMENT:</b> Quality Control	<b>DATE:</b> 07/21/2016	<b>REVISION:</b> A

### MODEL:

Installation procedure is applicable to any vehicle(s) affected by Recall 16V-085.

### ISSUE:

In the event of an accident, the barrier located behind the driver's seat may not deform according to the regulations listed within Code of Federal Regulations; Federal Motor Vehicle Safety Standard 571.222.

### PROCEDURE:

#### - Vehicle Preparation -

1. The ignition key must be off to perform this procedure.
2. Make sure proper safety attire is worn during this procedure.
3. Park vehicle, engage transmission park, and actuate emergency parking brake.
4. Ensure there is adequate lighting and ventilation to perform this procedure. Additional lighting may be required to be able to properly view the repair area under certain conditions.

#### - Required Tools -

1. Torque Wrench
2. Impact Gun / Socket Wrench
3. 5/8" Socket

#### - Trans Tech Supplied Parts & Equipment -

- |   |        |                          |
|---|--------|--------------------------|
| 1. Trans Tech Bus Barrier Reinforcement Component | QTY: 1 | Trans Tech Part # 600994 |
|---|--------|--------------------------|

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**- Procedure -**

1. Begin by identifying the vehicle in need of the Recall.
2. Using the Impact gun and 5/8" socket, loosen the rear bolt in the barrier leg, and remove it. Save this component for reuse during the re-assembly stage.



3. Take Trans Tech Bus provided reinforcement and lay the component over the exterior leg of the barrier. Use pictures below for visual reference.

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4. The reinforcement may be a tight fit for some users because of a difference in padding thicknesses around the frame. The photos included in this procedure are shown to provide reference images from all angles of installation.

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4. Using the Impact gun, and 5/8" Socket, reinstall the included bolt into the insert located in the slide-track. This is a critical stage of installation and must be performed and then tested with a dial torque.
5. Taking a dial torque wrench, set the instrument to 65 ft-lbs. and test the value at the bolt. If the bolt does not meet this minimum, take your impact gun and reapply the tightening process until this value is obtained.
6. Clear the area and ensure that all installation materials and tools are removed from the vehicle.
7. Return the vehicle to service.

**REPAIR OPERATION TIME:** 15 Minutes

**WARRANTY STATUS:** Applicable

**OTHER APPLICABLE ARTICLES:** Not Applicable