

Authored Date	16/02/2024	
Doc No.	IATSB002854	
Title	Door Seal Delamination - Repair	
Affected Vehicle(s)	Grenadier	PF000001-
This Technical Service Bulletin (TSB) should only apply to vehicles that demonstrate the described issue below.		

Reason for this document

Issue: An issue has been identified on a small number of the affected vehicles where the Door Restrainer Seal may be delaminated or in the incorrect position.

Cause: Combined root-causes:

1. Clean surface before sealing application.
2. Force application on adhesive tape.
3. Adhesion performance of tape changed.

Action: Follow the procedure below.

Workshop Procedure

Door Seal Delamination – Repair (Procedure)

Operation	SRO	Repair Time
Delaminated Seal – Test.	XTSBDS DST01	0.2 Hours
Delaminated Seal (less than 12cm) – Repair.	XTSBDS RLT12	0.2 Hours
Delaminated Seal (greater than 12cm) – Repair	XTSBDS ROV12	1 Hour
Drainage Holes - Install	XTSBDS DH001	0.1 Hours

Parts

Part Number	Description	Qty
GRA-8000-029110	Front Door Seals	1
GRA-8000-029120	Rear Door Seals	1

Supplies

Part Number	Description	Qty
Local Supply	Chalk	1
Local Supply	Loctite 406	1



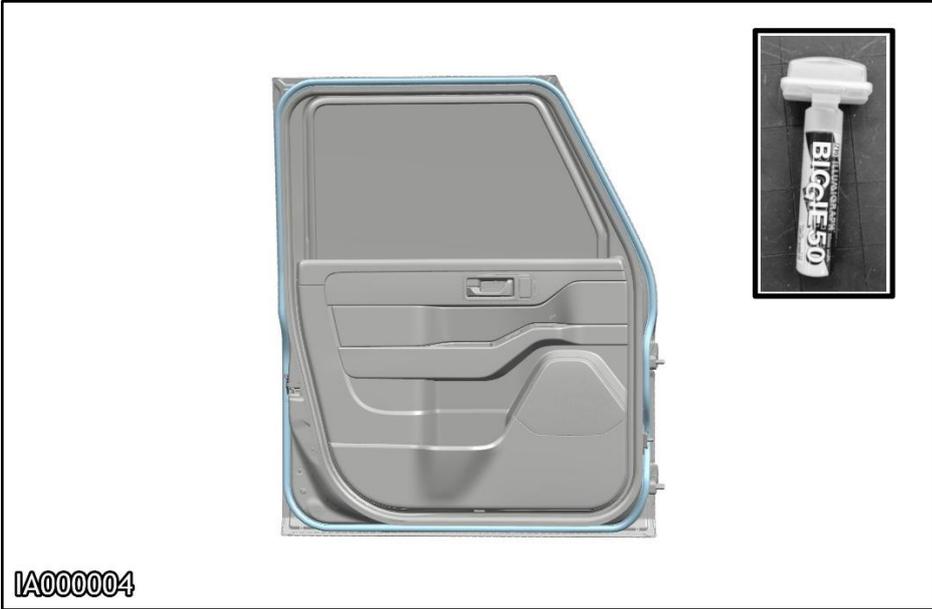
Procedure - Delaminated Seal - Test

1	Open the affected door.
2	<div data-bbox="379 392 1311 1003" data-label="Image"> </div> <p data-bbox="379 1041 798 1070">Apply chalk or similar to the door seal</p>
3	Close the door.
4	Open the door.
5	<p data-bbox="379 1142 1364 1198">Note: If there is any interruptions of the chalk on the body, this will highlight a potential issue.</p> <div data-bbox="379 1236 981 1809" data-label="Image"> </div> <p data-bbox="379 1848 790 1877">Inspect the body for chalk markings.</p>



6	<p>Repeat Steps 2 – 5.</p> <p>Inspect the body for chalk markings.</p> <p>If there are still any interruptions in the chalk, measure the length of the interruption.</p> <p>If the interruption/delamination is less than 12cm, proceed to Procedure – Delaminated Seal – Repair</p> <p>If the interruption/delamination is greater than 12cm, proceed to Procedure – Delaminated Seal – Replace</p>
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Procedure – Delaminated Seal (less than 12cm) – Repair

1	Place the delaminated seal back onto the door.
2	<div style="border: 1px solid black; padding: 10px; text-align: center;">  <p>IA000004</p> </div> <p>Apply chalk or similar to the door seal.</p>
3	Close the door.
4	Open the door.
5	<p>Inspect the body for chalk markings.</p> <ul style="list-style-type: none"> - If there is a continuous marking on the body proceed to step 6 - If there is no continuous marking on the body, then readjust the seal in the areas the seal does not contact the body and repeat steps 2 – 5 until chalk markings appear.



<p>6</p>	<p>Note: The seal must be held in place for 20 seconds.</p>  <p>IA000006</p> <p>In the areas that are delaminated, use Loctite 406 and install the seal back onto the door in the correct position.</p>
<p>7</p>	<p>Proceed to Procedure - Drainage Holes - Install</p>

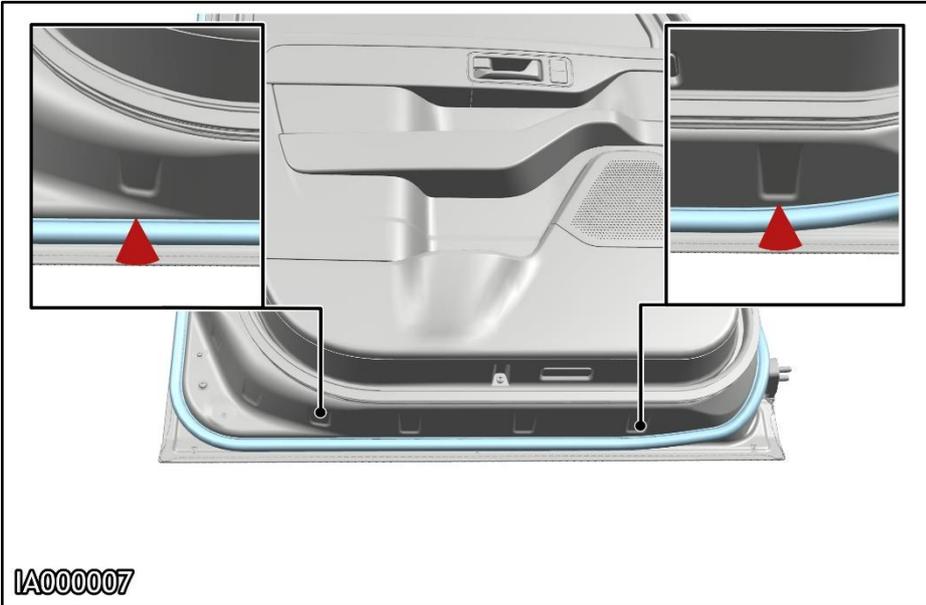
Procedure - Delaminated Seal (greater than 12cm) - Repair

<p>1</p>	<p>Remove the applicable door seal. Refer to: Front Doors: Refer to: TOPIC_000005553 Outer Door Seal Front Left (Remove and Install) Refer to: TOPIC_000005206 Outer Door Seal Front Right (Remove and Install)</p> <p>Rear Doors: Refer to: TOPIC_000005561 Outer Door Seal Rear Left (Remove and Install) Refer to: TOPIC_000005327 Outer Door Seal Rear Right (Remove and Install)</p> <p>Rear Doors Pickup: Refer to: TOPIC_000005654 Outer Door Seal Rear Left (Remove and Install) Refer to: TOPIC_000005655 Outer Door Seal Rear Right (Remove and Install)</p>
<p>2</p>	<p>For additional information on removing the door seal: Refer to the Special Service Message (SSM): IATSB002854 - Door Seal Delamination - Repair</p>

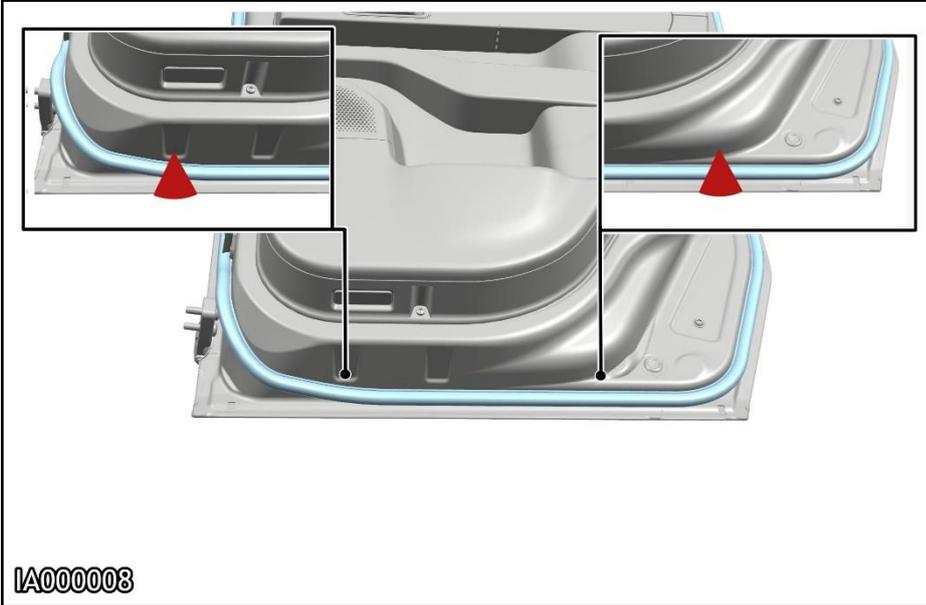


3	<p>Install the applicable door seal.</p> <p>Refer to:</p> <p>Front Doors: Refer to: TOPIC_000005553 Outer Door Seal Front Left (Remove and Install) Refer to: TOPIC_000005206 Outer Door Seal Front Right (Remove and Install)</p> <p>Rear Doors: Refer to: TOPIC_000005561 Outer Door Seal Rear Left (Remove and Install) Refer to: TOPIC_000005327 Outer Door Seal Rear Right (Remove and Install)</p> <p>Rear Doors Pickup: Refer to: TOPIC_000005654 Outer Door Seal Rear Left (Remove and Install) Refer to: TOPIC_000005655 Outer Door Seal Rear Right (Remove and Install)</p>
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Procedure - Drainage Holes - Install

1	<p>Note: This is to be completed on all doors.</p> <p>Using a suitable tool, cut the door seal with the following dimensions, in the highlighted areas.</p> <p>Depth: 8mm Diameter: 16mm</p> <p>Front Door</p>  <p>IA000007</p>
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	<p>Rear Door</p>  <p>IA000008</p>
2	Release the vehicle.

Change History

Reference No.	Date	Description
IATSB002854	16/02/2024	First release

