

Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 74825 - L663 Defender window run channel seals deformed/not seating correctly

Models : Defender/L663 (SALEA7AN3L2000520)

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Updated :

Content : Issue:

Window run channels seals may appear wavy, incorrectly located, deformed or appearing to tuck inside whilst window closing. (See examples of defects attached as pictures 1, 2)

Cause: Currently under investigation

Action: When recognised please follow repair procedure steps as appropriate, as described below:

Step 1: Lower the glass on the windows requiring repair.

Step 2: Pull Glass run seal out of channel (do not remove it completely – dislodge only the top, side and corner area, see picture 3).

Step 3: Push Glass run seal back into the channel - start in the corners and continue in the middle section (picture 4), use a plastic fishbone tool (picture 5) to push the seal fully into the door window channel and refit the seal. If this does not resolve the issue continue to Step 4

Step 4: Attach pieces of foam (1mm thick) onto the seal (ref. picture 6 for foam sizes):

- 1 piece: 10x10x1 mm on seal radius (picture 7)
- 1 piece: 10x170x1 mm on upper seal shoulder (picture 8)
- 1 piece: 10x30x1 mm on back seal surface as per picture 9

Recommended Foam (or similar) details: Closed cell [EPDM/Neoprene blend/DPMD/PBC Nitrile] 1 mm thick – dimensions are detailed at picture 6; visible in JLR equipment & tooling web store as JLR-NSL1001/7 Felts & Foam Pack - Part of main KIT JLR-NSL1001 or alternative.

Step 5: Re-fit seal as per service manual.

- Assure seal is pushed fully into the door channel. Use fishbone on seal edge, if needed to ensure a good fit & finish (see picture 10)
- Ensure that the seal fits fully into the corner in between body and B pillar trim see detail on picture 11.

If this does not resolve the issue continue to Step 6

Step 6: Repeat steps 4 using additional foam pads up to a thickness of 3 mm.

- Ensure that the seal fits fully into the corner in between body and B pillar trim see detail on picture 11.

Step 7: Re-fit seal as per service manual.

- Assure seal is pushed fully into the door channel. Use fishbone on seal edge, if needed to ensure a good fit & finish (see picture 10)
- Ensure that the seal fits fully into the corner in between body and B pillar trim see detail on picture 11.

Step 8: Open & close the movable glass 2-5 times to bed in the glass to seal position.

Step 9: Check final condition of seal when windows are closed as per pictures 12, 13

Repair process may require repeated actions (steps 1~6), to ensure a good window seal appearance.

This is a temporary communication only, a detailed repair procedure will follow shortly and will be added to Topix.

Version : 1

Attachments : [SSM_74825_pictures.docx](#)