

Reference	SSM75721
Models	New Range Rover / L460
Title	Deployable Side Steps erratic/intermittent operation on one or both sides
Category	Accessories
Last modified	24-May-2022 00:00:00
Symptom	Electrical Accessories
Attachments	1Image 12.pdf (1Image 12.pdf) 1Image 2.pdf (1Image 2.pdf)

ContentIssue:

Deployable Side Steps erratic/intermittent operation on one or both sides.

One or more of the following Diagnostic Trouble Codes (DTC's) could be logged in the Running Board Control Module (RBM):

C1002-77 Left power running board stow: command position not reachable.

C1003-77 Right power running board stow: command position not reachable.

C1004-77 Right power running board deploy: command position not reachable

C1005-77 Left power running board deploy: command position not reachable.

C1008-3A Left Power Running Board position/motion sensor: Signal has too many pulses.

C1009-3A Right Power Running Board position/motion sensor: Signal has too many pulses.

Cause:

Loose fixing.

Action:

Check and retorque the fixing as shown in image 1 in the attachments.

The fixing needs to be removed, clean the fixings threads and then thread locking agent applied before retorquing to prevent the fixing

becoming loose again.

Torque: 24Nm

The fixing can be tightened in situ if the deployable side steps are away from the final positions (deployed/retracted).

To achieve this the following needs to be performed:

1. Deploy the side steps by selecting the "Roof access mode" through the infotainment touchscreen.
2. Remove the access panel to the rear junction box J.
3. Locate R1F27 30 Amp fuse.
4. With the assistance of a second person retract the side steps by selecting the "Roof access mode", at this point the fuse needs to be removed.
5. When timed correctly this will stop and hold the deployable side steps in the correct position (reference image 2) for tightening the fixing.
6. Once torqued to 24Nm, refit the fuse, clear all DTC's and check the deployable side steps are functioning correctly.

Thank you in advance for your assistance with this matter.

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