



## STAR ONLINE PUBLICATION



**Case Number:** S2223000044

**Release Date:** May 2022

**Symptom/Vehicle Issue:** Power Side Steps Reverse, Stop In Motion, And/Or Do Not Deploy Or Stow

**Customer Complaint/Technician Observation:** Power side steps fail to operate, may stop or auto reverse direction when operating.

**Discussion:** Prior to any repair of the PSS (Power Side Step) inspect the assembly for excessive dirt accumulation. Cleaning and lubricating the PSS may resolve the condition. Follow the below steps prior to replacement of any parts.

1. Fully deploy the running boards. The manual deployment can be done on the radio touch screen as described in the vehicle's Owner's Manual.

**<<<Note>>>** If the running boards will not fully deploy, provide hand assistance to the PSS. Extend the running board by hand by placing downward force on the running board as it deploys. Similarly, if running boards will not fully stow, retract running boards by hand placing upward force on the running board as it stows.

2. Inspect the pivots and linkage of the PSS. If there is dirt/debris buildup, clean between the links and bushing ends/tracks using high-pressure water. The use of a car wash wand is best to prevent excessive water pressure from damaging nearby components. See Fig 1

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**Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found**



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Fig 1

Before and after pressurized water cleaning

3. Wearing personal protection equipment such as safety goggles, gloves and clothing, use compressed air to dry the surfaces and remove further debris from the pivots and linkage.
4. Once clean and dry, cycle (extend and retract) the PSS 5 to 10 times to verify operation.
5. Apply MOPAR Spray White Lithium Grease 04318066AE to the pivot points (Fig 2 and 3). Remove excess lubricant with a shop towel. Deploy and retract the PSS 5 to 10 times.



Fig 2

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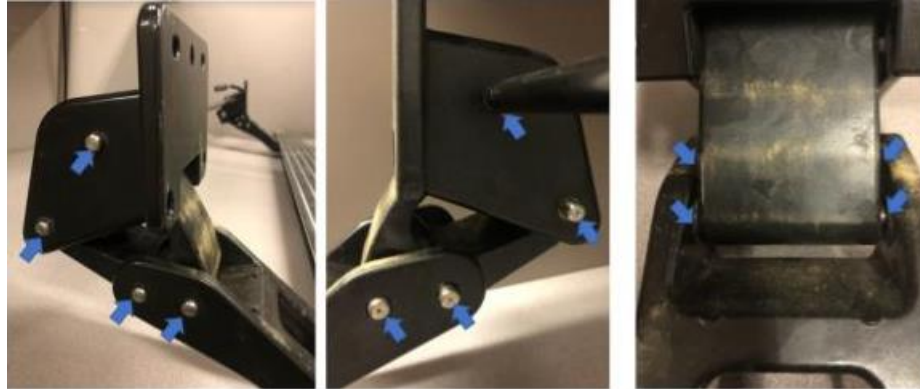
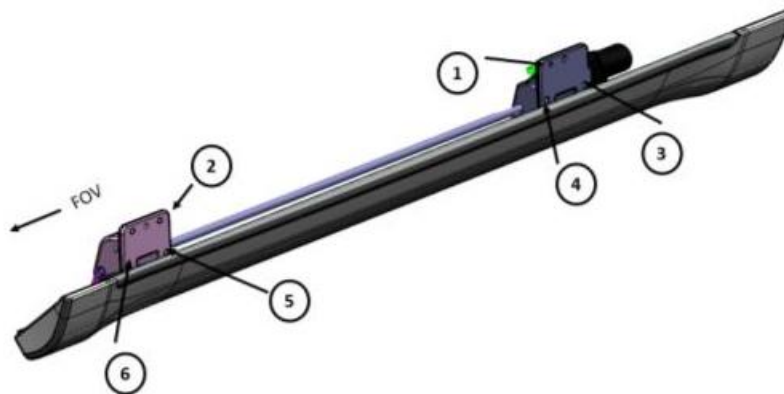


Fig 3  
Pivot points (16 per side step)

6. If power washing and lubrication does not correct the concern, the power running boards can be realigned to the body if they are still binding during deployment. To accomplish this, loosen the mounting bolts allowing the running board to free float and relax. Once the running board is in the desired position, tighten following the torque sequence. Attachment nut torque is 18 N·m (13 Ft. Lbs.).

- 1 Rear upper attachment, 4-way locator
- 2 Front upper attachment, 2-way locator
- 3, 4, 5, 6 Lower attachment, clearance hole



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