

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

Century Class Conventional
Argosy COE
Cargo
Columbia
122SD and Coronado

Business Class M2
Cascadia
108SD/114SD
> New Cascadia

**Freightliner
Service Bulletin**

General Information

On some New Cascadia vehicles, the hood struts may not allow the hood to drop to the closed position without assistance. Typically the struts will loosen over time, allowing the hood to close more easily. If the struts do not loosen after a break-in period of 100 miles (160 km), apply grease to the struts as described in this bulletin.

Tools and Supplies

Tools and supplies can be purchased locally. See [Fig. 1](#).

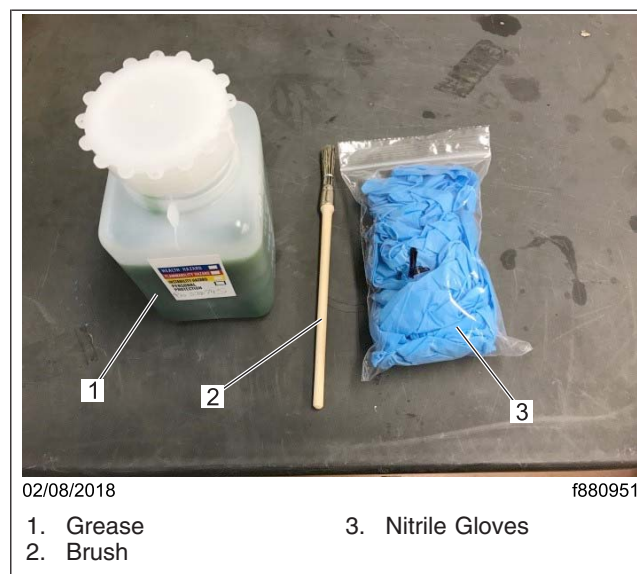


Fig. 1, Tools and Supplies

Procedure

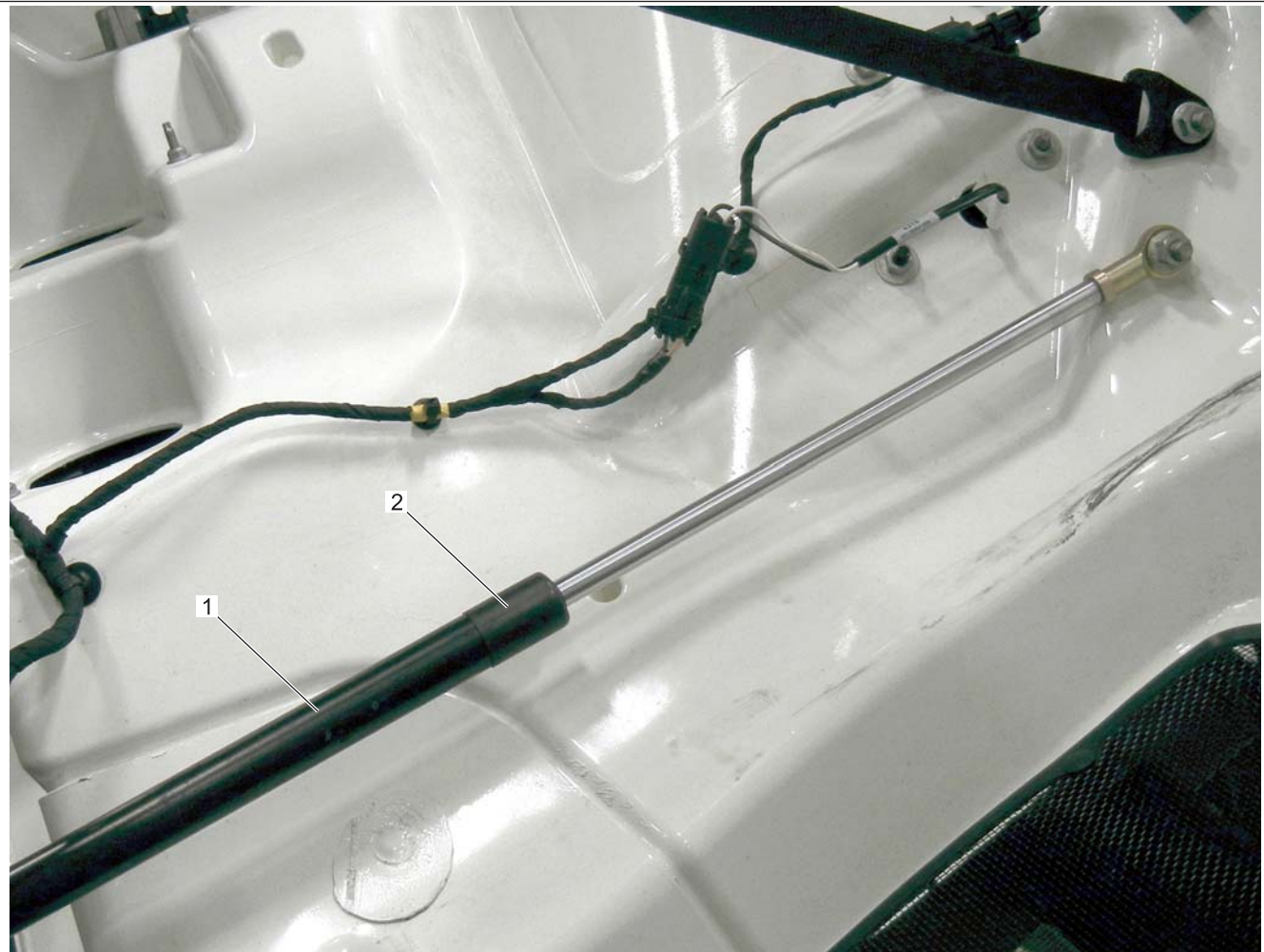
1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Open the hood.
3. Separate the dust boot from the strut tube. See [Fig. 2](#).

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1. Strut Tube

2. Dust Boot

Fig. 2, Hood Strut

NOTE: The nitrile gloves provide enough friction to help twist off the dust boot.

4. Slide the grit blocker (located on the top flange of the strut tube) and the dust boot to the top of the strut.
5. Using a brush, apply grease to the strut.

NOTE: Keep the gloves free of grease to prevent spreading it to other parts.

6. Install the grit blocker and the dust boot on the strut tube.
7. If the grease does not loosen the struts sufficiently, replace the struts.

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Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

Normal warranty applies. See [Table 1](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
A17-20496-001	002-004-234	11	643-5006A	STRUT, HOOD ASSIST, GREASE SEAL, BOTH SIDES	0.3
A17-20496-001	002-004-234	11	643-5006B	STRUT, HOOD ASSIST, GREASE SEAL, REPLACE BOTH SIDES	0.6

Table 1, OWL VMRS Codes and Labor Allowance