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Coding Information

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Title: ProStar / LoneStar Cab Ride Height Specifications and Adjustment Procedures

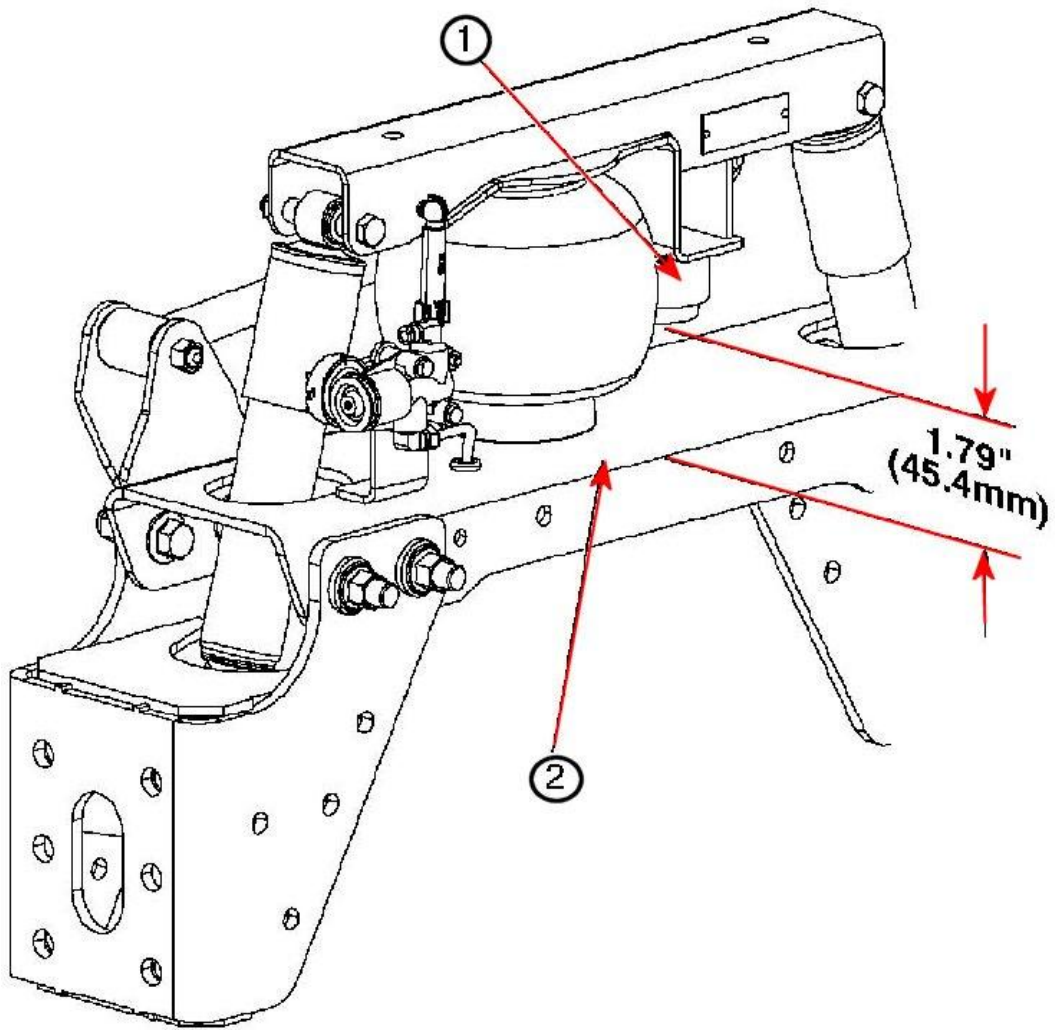
Applies To: 2007 to present ProStar / LoneStar Day Cab and Sleeper Cab

ProStar Day Cab Height

	WARNING:
<p>To prevent unexpected movement of the vehicle and possible serious personal injury or death, park the vehicle on a flat, level surface, set the parking brake, turn the engine off and chock the wheels to prevent vehicle from moving in both directions.</p>	

1. These procedures are to provide instructions and specifications for setting the desired cab ride height. Before starting the adjustment procedure, be sure that the following conditions are met or performed.

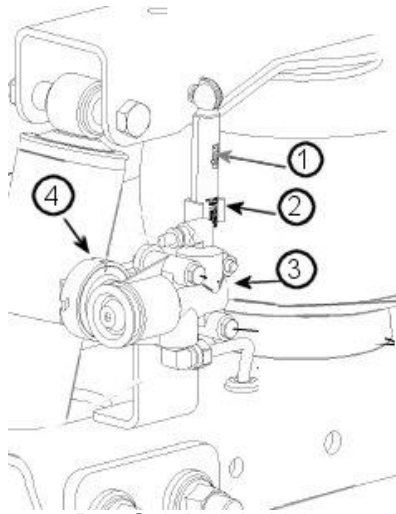
- a. Park the chassis on a flat level surface.
- b. The chassis air system should be within the normal operating range of 100 to 120 psi.
- c. Ensure that all cab mounting, hood mounting, muffler mounting components, and air cleaner mounting components are correctly installed to ensure free (unobstructed) movement of the cab.
- d. There must not be any occupants in the cab and no change in cab weight during the adjustment procedures.



Day Cab Ride Height Measurement

1. JOUNCE BUMPER
2. CROSSMEMBER

2. Measure the cab ride height between the bottom of the jounce bumper and the top of the crossmember. This measurement must be made between the two measuring points that are specified and must meet specified height of 1.79 0.25 inches (45.4 6.4 mm) for all ProStar day cab models.



Day Cab Height Valve

- 1. Linkage
- 2. Locking Cup
- 3. Height Valve
- 4. Lever

3. Disconnect the linkage from the ride height valve by removing the nut from the linkage socket and valve lever.

IMPORTANT: It is very important that the height valve be cycled completely before and after any ride height adjustments. Cycling of the height valve will help make the adjustment more accurate.

4. Dump air from the rear cab air suspension by rotating the valve lever to the EXH (exhaust) position.

5. Refill the rear cab air suspension to the proper ride height of 1.79 0.25 inches (45.4 6.4 mm) by rotating the valve lever to the FILL position.

6. Remove the locking clip from the linkage.

7. Turn the linkage socket clockwise to lengthen the linkage or turn the linkage socket counterclockwise to shorten the linkage.

NOTE: When at proper length, the linkage should connect to the valve lever without affecting the ride height adjustment.

8. Attach the linkage socket onto the valve lever and secure with the nut. Torque nut to 8 to 10 Lbf-ft (10.8 to 13.6 Nm).

9. Re-measure the cab ride height, and adjust as required. Proper ride height is 1.79 0.25 inches (45.4 6.4 mm) for all ProStar day cab models.

Sleeper Cab Ride Height



WARNING:

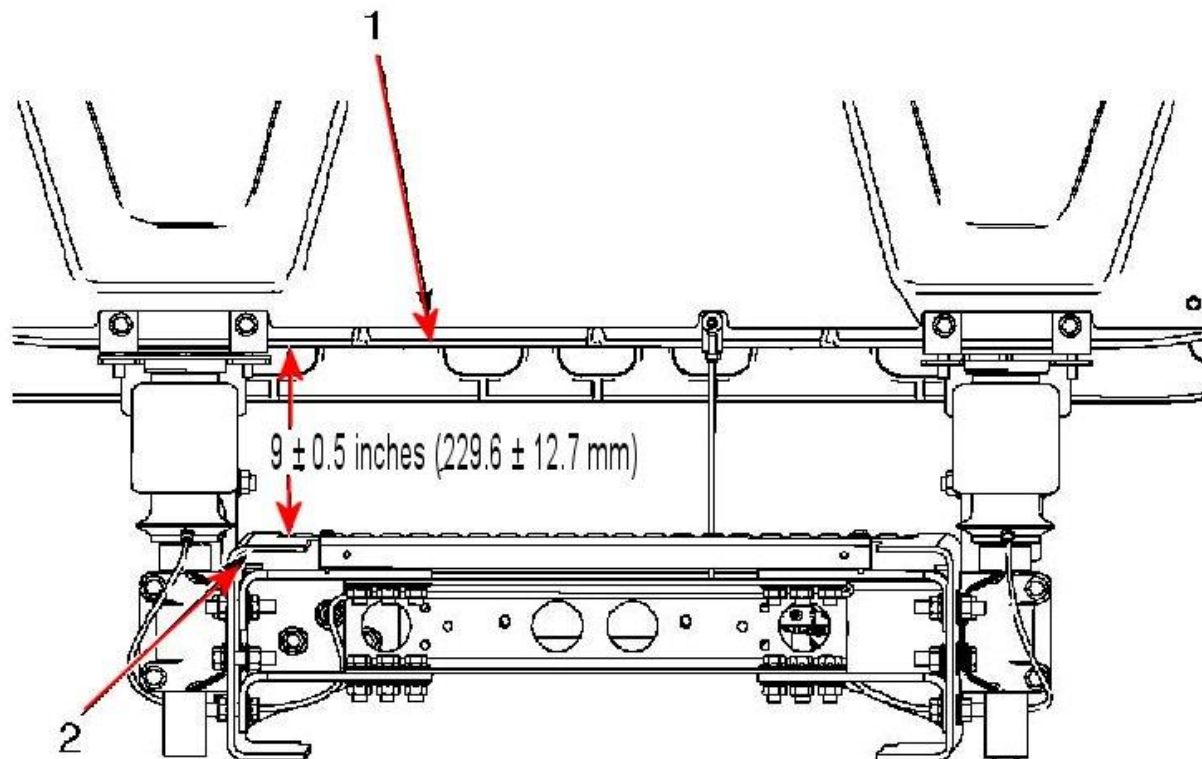
To prevent unexpected movement of the vehicle and possible serious personal injury or death, park the vehicle on a flat, level surface, set the parking brake, turn the engine off and chock the wheels to prevent vehicle from moving in both directions.

NOTE:

The ride height adjustment for the sleeper cab is preset during manufacturing and is not adjustable.

These procedures are to provide instructions and specifications for setting the desired cab ride height. Before starting the adjustment procedure, be sure that the following conditions are met or performed.

- Park the chassis on a flat level surface.
- The chassis air system should be within the normal operating range of 100 to 120 psi.
- Ensure that all cab mounting, hood mounting, muffler mounting components and air cleaner mounting components are correctly installed to ensure free (unobstructed) movement of the cab.
- There must not be any occupants in the cab and no change in cab weight during the adjustment procedures



Sleeper Cab Height Adjustment (Non Adjustable)

- REAR CAB CROSSMEMBER
- FRAME RAIL

NOTE: The ride height adjustment for the sleeper cab is preset during manufacturing and is not adjustable.

2. Measure the cab ride height between the frame rail and the rear cab crossmember. This measurement must be made between the two measuring points that are specified and must meet the specified height of 9.5 inches (229.6 12.7 mm) for all ProStar sleeper cab models.

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