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Coding Information

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**Title: Cab Air Suspension Ride Height Measurement and Adjustment**

**Applies To: 2000 4200 4300 4400 7300 7400 7500 7600 8100 8200 8500 8600 5000 9000**

## DESCRIPTION

This document addresses measurement and adjustment of the Cab Air Suspension ride heights for various truck models. Use the information below to find the correct ride height for your application. Use the adjustment procedure at the end of this document if adjustment is necessary.

### 42/43/4400 CREW CAB, 73/74/75/7600, 73/74/75/7600 Crew CAB, 85/8600



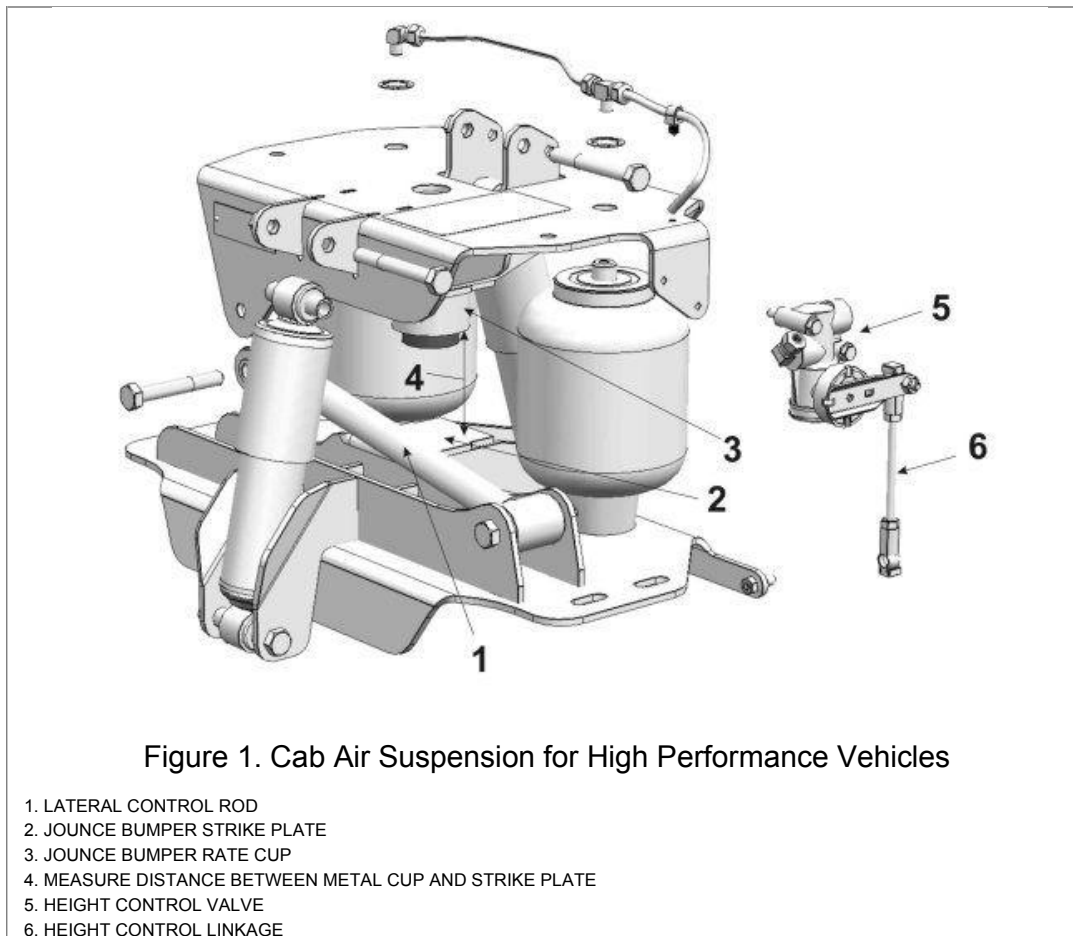
**WARNING:**

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.

**Cab Air Ride Settings for 42/43/4400 Crew Cab, 73/74/75/7600, 73/74/75/7600 Crew Cab, and 85/8600**

Model	Gap Setting (see Figure 1 , Item 4)
42/43/4400 Crew Cab	1.6"
73/74/75/7600	1.5"
73/74/75/7600 Crew Cab	2.25"

Model	Gap Setting (see Figure 1 , Item 4)
85/8600	1.5"



1. Apply parking brake, put the transmission in neutral, and install wheel chocks.
2. Charge the air system to operating pressure of 90-110 psi.
3. Inspect the suspension and ensure it is not seized or bound up.
4. Measure the space between the Jounce Bumper Strike Plate and the Jounce Bumper Rate Cup (Figure 1 and Table 1) . Be certain to measure to the metal cup, not the rubber bumper.

**NOTE:**

Some technicians use an air wrench socket with an outside diameter equal to the Gap Setting to check this measurement.

**NOTE:**

If the measurement is not correct for the model being serviced, continue with the steps in ADJUSTMENT .

## 2000, 8100, 8200 AND 9000 SERIES

### Cab Air Ride Settings for 2000, 8100, 8200, and 9000 Series

Model	Gap Setting (see Figure 2 )
2000/8100/8200	4.75"

Model	Gap Setting (see Figure 2 )
9200 Day Cab (single bag system)	5.25"
9000 Pro Sleeper (prior to May 1997)	7.75"
9000 Pro Sleeper (after May 1997)	6.5"

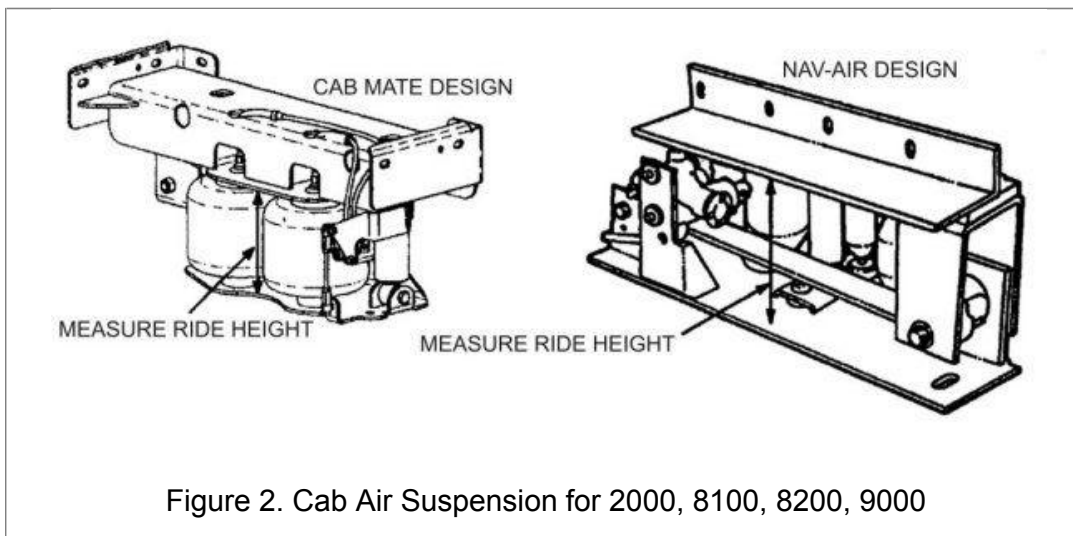


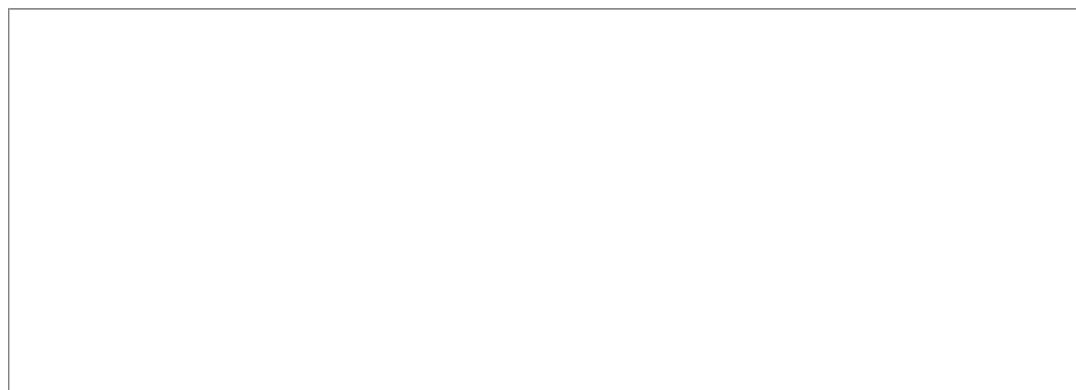
Figure 2. Cab Air Suspension for 2000, 8100, 8200, 9000

1. Apply parking brake, and install wheel chocks.
2. Charge the air system to operating pressure of 90-110 psi.
3. Inspect the suspension and ensure it is not seized or bound up.
4. Measure the space as shown in Figure 2, and compare your measurements to the settings in Table 2.

**NOTE:**

If the measurement is not correct for the model being serviced, continue with the steps in ADJUSTMENT .

**9000 DAY CABS BUILT AFTER DECEMBER 2001**



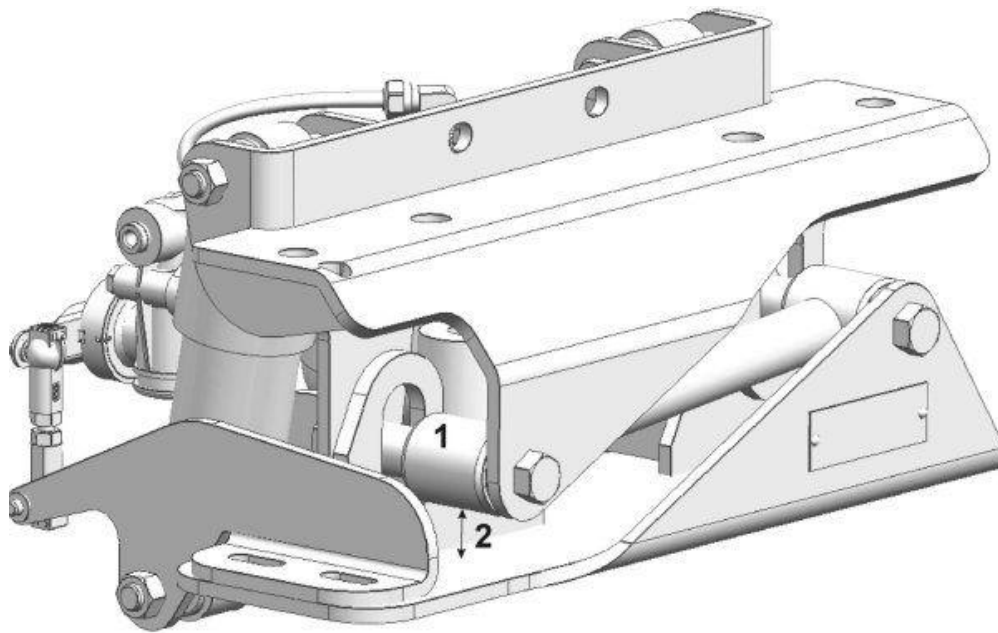


Figure 3. Cab Air Suspension for 9000 Day Cabs built after December 2001

1. LATERAL CONTROL ROD ASSEMBLY
2. MEASURE DISTANCE TO BOTTOM PLATE

1. Apply parking brake, and install wheel chocks.
2. Charge the air system to operating pressure of 90-110 psi.
3. Inspect the suspension and ensure it is not seized or bound up.
4. Measure the space between the Lateral Control Rod and the Bottom Plate (Figure 3, Item 2). Adjust to 1.10".

[For 5000 Models, Click Here](#)

## OTHER RESOURCES

- [TSI 03-16-02](#)

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