

CURB HEIGHT MEASUREMENT

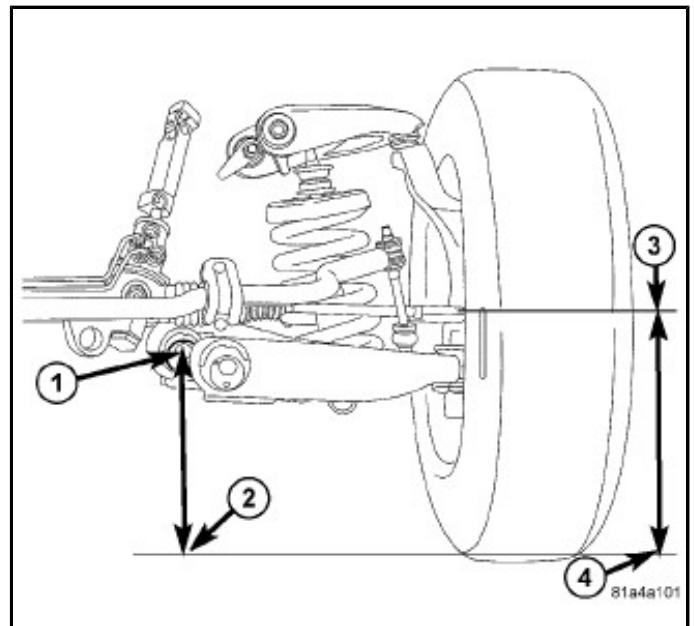
The wheel alignment is to be checked and all alignment adjustments made with the vehicle at its required curb height specification.

Vehicle height is to be checked with the vehicle on a flat, level surface, preferably a vehicle alignment rack. The tires are to be inflated to the recommended pressure. All tires are to be the same size as standard equipment. Vehicle height is checked with the fuel tank full of fuel, and no passenger or luggage compartment load.

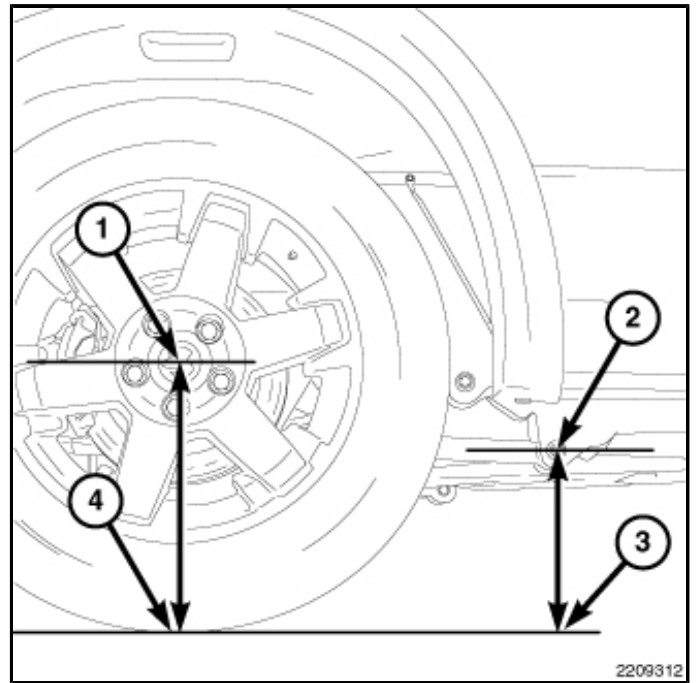
The air ride must be set to normal ride height.

Inspect the vehicle for bent or weak suspension components. Compare the parts tag on the suspect coil spring(s) to the parts book and the vehicle sales code, checking for a match. Once removed from the vehicle, compare the coil spring height to a correct new or known good coil spring. The heights should vary if the suspect spring is weak.

1. Set the air suspension to normal ride height.
2. Front – On each side of the vehicle, measure the distance from the center of the rear lower control arm bolt (1) to the ground (2) **Record the measurement.** Next measure the distance from the spindle center (3) to the ground (4) **Record the measurement.**
3. Subtract the control arm bolt to floor measurement from the wheel to floor measurement to calculate the ride height. (wheel - control arm = ride height).



4. Rear – On each side of the vehicle, measure the distance from the center of the lower control arm forward bolt (2) to the ground (3) **Record the measurement.** Next measure the distance from the center of the rear wheel (1) to the ground (4) **Record the measurement.**
5. Subtract the control arm bolt to floor measurement from the wheel to floor measurement to calculate the ride height. (wheel - control arm = ride height).



DS Ride Height Specifications			
Model	Wheelbase	Front Height (mm)	Rear Height (mm)
1500 4x2 with 17" tire	120"	55 mm +/-10 mm	83 mm +/-10 mm
1500 4x2 with 17" tire	140", 149"	55 mm +/-10 mm	81 mm +/-10 mm
1500 4x2 with 17" tire, TRX/Outdoorsman	120"	44 mm +/-10 mm	81 mm +/-10 mm
1500 4x2 with 17" tire, TRX/Outdoorsman	140", 149"	44 mm +/-10 mm	79 mm +/-10 mm
1500 4x2 with 20"	120"	44 mm +/-10 mm	81 mm +/-10 mm
1500 4x2 with 20"	140", 149"	44 mm +/-10 mm	78 mm +/-10 mm
1500 4x4	120"	72 mm +/-10 mm	69 mm +/-10 mm
1500 4x4	140", 149"	72 mm +/-10 mm	68 mm +/-10 mm
1500 4x4 TRX/Outdoorsman	120"	54 mm +/-10 mm	57 mm +/-10 mm
1500 4x4 TRX/Outdoorsman	140", 149"	54 mm +/-10 mm	56 mm +/-10 mm
1500 4x4 Rebel	140"	60 mm +/- 10 mm	54 mm +/-10 mm
1500 Air Suspension (Normal Ride Height)	140", 149"	83 mm +/- 10 mm	79 mm +/-10 mm
1500 Air (Aero Mode)	140", 149"	98 mm +/- 10 mm	94 mm +/-10 mm