

**Recommended Distribution Hitch Adjustment****Towing With 1500 Air Suspension**

1. Set air suspension to normal ride height. No action is required if already in normal ride height.

**NOTE:** The vehicle must remain in the engine running position while attaching a trailer for proper leveling of the air suspension system.

2. Position the truck to be ready to connect to the trailer (do not connect the trailer).
3. Under radio suspension settings, turn on jack mode. Jack mode will be canceled and procedure must be restarted if the vehicle is driven at speeds above 5mph (8kph).
4. Measure the height of the top of the front wheel opening on the fender to ground, this is height H1.



5

0570052238

**Measuring Height (H)**

5. Attach the trailer to the vehicle without the weight distribution bars connected.
6. Measure the height of the top of the front wheel opening on the fender to ground, this is height H2.

**660 STARTING AND OPERATING**

7. Install and adjust the tension in the weight distributing bars so that the height of the front fender is approximately  $(H2-H1)/3+H1$  (about 1/3 the difference between H2 and H1 above normal ride height [H1]).
8. The truck can now be driven. Jack mode will be canceled and vehicle will return to normal ride height when drive at speeds above 5mph (8kph).

Measurement Example	Example 1500 Height (mm)
H1	925
H2	946
H2-H1	21
$(H2-H1)/3$	7
$(H2-H1)/3 + H1$	932

**NOTE:** For all towing conditions, we recommend towing with tow haul mode engaged.

**All Other 1500(Non-Air Suspension)/2500/3500 Trucks**

1. Position the truck to be ready to connect to the trailer (do not connect the trailer).

**NOTE:** For Ram 2500/3500 trucks equipped with rear air suspension, normal ride height or alternate ride height can be used. The vehicle must remain in the engine running position while attaching a trailer for proper leveling of the air suspension system. It may not be possible to enter alternate ride height while lightly loaded.

2. Measure the height of the top of the front wheel opening on the fender to ground, this is height H1.
3. Attach the trailer to the vehicle without the weight distribution bars connected.