THOR INFORMATION PUBLICATION

04/26/19
TIP-011

How to Check and Measure Rear Suspension (Leaf Spring)

This procedure will guide you through measuring and checking rear suspension ride height.



1. Park coach on a flat and level surface. Ensure the coach is loaded fairly similar to the way it is traveled. (Do not empty the coach to check)
2. First, look at leaf springs, U-bolts, tires, and axle. Ensure there are no obvious signs of misalignment and check the air pressure of the tires. If necessary, inflate all to specification.
3. Weigh the unit on all four corners. Also weigh the front and rear axle separately. Ensure the weights are side to side on an axle within tolerance.
4. Rearrange cargo in coach or trunk storage to balance out the loads on tires.
5. Take measurements as followed and record on the attached sheet.
6. Measure from the ground to the bottom of the fender skirt on both sides of the rear axle. This is for a gauge and not a final determination as the fender skirts can be off a little.

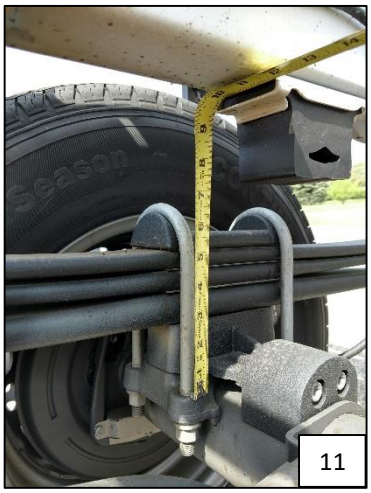






7. Crawl under the unit for the final steps (do not use a jack). Measure from the following locations:
8. From the ground to the frame where the rear panhard bar fastens.
9. From the ground to the axle pad.
10. From top of the axle or top of the bump stop to the frame or bottom of the bump stop.
11. From the top of the axle pad to the bottom of the frame.
12. Repeat these measurements under the unit on the opposite side.





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Dealer Name:_____ **City:**_____ **State:**_____

Unit Number:_____ **VIN:**_____

Left Rear	**Right Rear**
Fender skirt to Ground _____	**Fender skirt to Ground** _____
Ground to Frame Panhard _____	**Ground to Frame Panhard** _____
Ground to Bottom Axle Pad _____	**Ground to Bottom Axle Pad** _____
Axle to Bump Stop _____	**Axle to Bump Stop** _____
Top of Axle Pad to Frame _____	**Top of Axle Pad to Frame** _____