



Part # 18476

1/4-20 tap required

13/64 drill bit required

## RAM 2500 Factory Air Suspension Rear 1.5" Spacer Installation Instructions



1. Jack the truck up from the frame using a jack. The truck only needs to be lifted a few inches. Next, hit the dump button in the cab. Remove the nuts off the studs on the bottom of the bag. These studs will be removed and not reused. Pull the air bag down and rotate the bag 90 degrees so that you can get to the bottom of the air bag.
2. Locate the 1.5" riser (part# 18477) and fasten it to the bottom of the air bag with the 1/4-20x1" bolt. Torque to 30 ft/lbs.



3. Now that the spacer is installed on the air bag, locate the grade 8 1/4-20-1" bolts. Use these to bolt the spacer to the axle. Torque to 30 ft/lbs

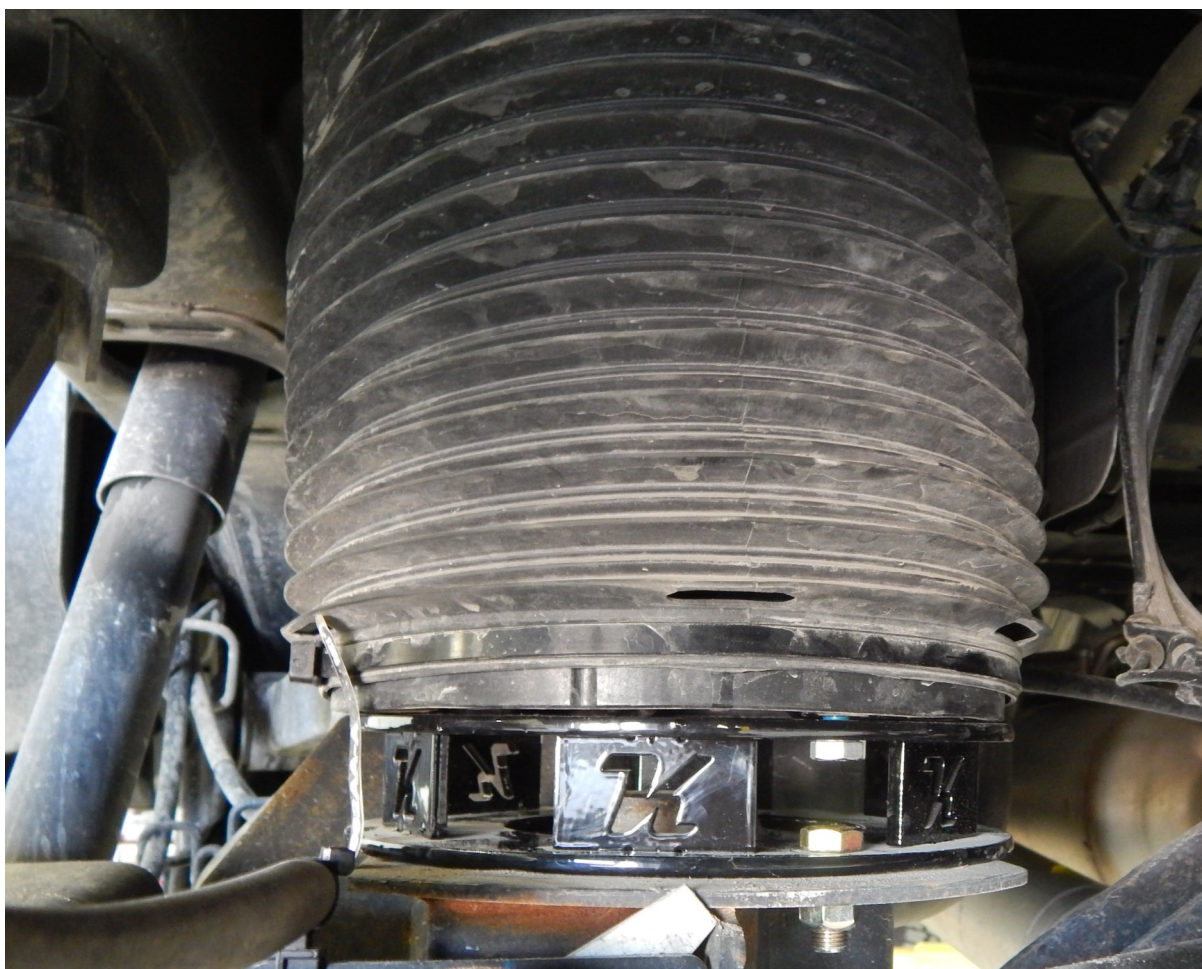




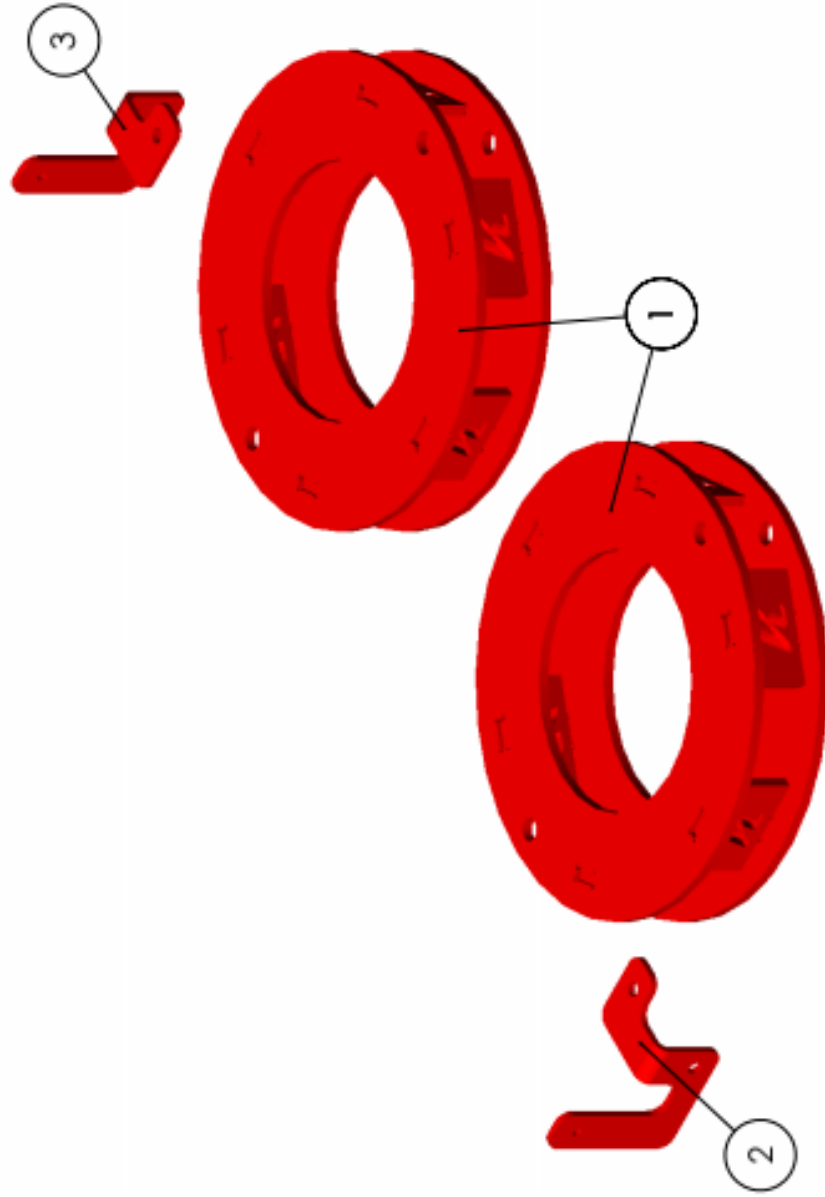
4. Locate the sensor brackets (part# 18483 LH and 18483-1 RH). Remove the sensor from the bottom ball stud. Remove the ball stud from the axle mount. Locate the 6-12mm bolt and fasten the sensor bracket to the side of the axle mount. Use a marker to locate where to drill and tap the axle mount. Once you mark the axle mount, use a center punch and drill out the hole to  $13/64$ ". Next tap the hole to  $1/4-20$ ". Now you can fasten the sensor bracket in place with the  $1/4-20 \times 1$ " bolt and the 6 mm bolts. Place the OEM ball stud into the sensor bracket and reconnect the linkage.



5. Recheck all your bolts, remove the jack stands and start the vehicle. The install is complete.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	18477	1.5" Riser	2
2	18483	1.5" Lift Height Control Mount	1
3	18483-1	1.5" Lift Height Control Mount	1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: 1/32" ANGULAR: MACH: 1 MIN: ±1 TWO PLACE DECIMAL: ±.020 THREE PLACE DECIMAL: ±.003 MATERIAL:	Design By: Zach Beltz 2014	Project: G5 Dodge (Air Side)
	Shell # / Qty	Description: 1.5" LR
	Inventory	SIZE DWG. NO. <b>A 18476</b>
	Run Qty:	SCALE: 1:10 DO NOT SCALE DRAWING
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FINISH		
WEIGHT		
8.87		