



EVO Manufacturing

2014+ RAM 2500 3.5" Install Kit





Before starting installation procedure please read <http://evomfg.com>Returns-Warranties-Shipping>

CAREFULLY READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL AND KEEP FOR FUTURE REFERENCE. IF YOU HAVE ANY QUESTIONS ABOUT THE PRODUCT CALL EVO MANUFACTURING. FAILURE TO FOLLOW GUIDELINES COULD RESULT IN MALFUNCTION OF PARTS OR INJURY. PLEASE HAVE A TRAINED PROFESSIONAL ASSIST WITH OR INSTALL ALL PRODUCTS. INSTALLING EVO MFG PRODUCTS OR KITS DEMANDS SPECIFIC KNOWLEDGE, TOOLS AND EXPERIENCE. GENERAL KNOWLEDGE OF HOW TO USE LATER SPECIFIED TOOLS AND/OR LIMITED EXPERIENCE WITH EVO MFG PRODUCTS MAY NOT BE ENOUGH TO PROPERLY COMPLETE THESE TASKS. SOME OF EVO MFG PRODUCTS MAY REQUIRE TWO OR MORE PEOPLE TO INSTALL SAFELY AND CORRECTLY. DO NOT ATTEMPT ALONE, ALWAYS ENLIST THE HELP OF TRAINED PROFESSIONAL WHEN NEEDED.

Notes: Set Up Before installation

These instructions involve how to install various items to complete lift kit installation.

This installation process may vary.

Some adjustments may be needed to secure liner properly per individual vehicle setup.

Keep all mounting bolts loose (installed but not torqued) we will torque later at the end of complete installation

READ BEFORE INSTALL:

It is generally a good idea to apply Loctite to all threaded bolts.

ALWAYS wear safety glasses and other approved safety gear when working on a vehicle.

All supplied bolts torqued according to chart at end of instruction.

It is recommended all installation be performed by a trained professional. Some modification may have to be done.

Paint all unfinished surfaces after install is complete if preferred.



Parts included:

Product Prt. #	Description	#	Part #	Quantity
EVO-902B	RAM 2500 REAR RAISED TRACKBAR BRACKET	1		1
	RAM 2500 BUMP STOP EXTENSIONS	2		2
	RAM 2500 REAR SWAYBAR EXTENSIONS	3		2
	HARDWARE KIT	4		1





THIS IS A COMPONENT INSTALLATION. THIS MAY BE A PART OF A MORE COMPLETE INSTALLTON WITH OTHER COMPONENTS. SOME VARIANCES IN PROCESS MAY BE NEEDED TO ACCOMMODATE OTHER COMPONENTS DURING INSTALL. SKILLED/TALENTED INSTALLERS SHOULD BE USED.

Recommended Tools:

- Complete Wrench with Socket set
 - Drill and metal cutting
 - Grinder
 - Paint
 - Torque Wrench
 - Talent
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Safety Steps for installation

- For installing EVO MFG products always use wheel chokes to block rear tires from rolling.
 - Always make sure you have everything necessary ready before install.
 - If you have to, carefully lift front of vehicle by front frame rails extending suspension until tires leave the ground, place frame on approved jack stands for vehicle. Verify all lines/wires are not over extended.
 - Remove tires if needed for easier install.
 - Make sure to wear safety equipment (eye protection, hand protection, foot protection etc.) at all times during installation.
 - Make sure all safety precautions have been taken.
 - Always check and replace any part of vehicle that is worn or broken before starting install.
 - Do not mix anything EVO with weaker alternatives.
 - It is generally a good idea to apply liquid threadlock to all bolts.
 - Tighten included hardware to torque specifications in bottom table unless it is otherwise specified, factory bolts should be torqued to factory Jeep specifications.
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INSTALL

***Pictures are for reference only, product may vary. ***

INSTALLATIONS SHOULD BE PERFORMED BY TRAINED PROFESSIONALS

SAFELY PARK VEHICLE ON LEVEL GROUND AND CHALK WHEELS

1. Remove bolts at axle trackbar mounting location.
2. Lift trackbar up and support/zip tie it up out of way of axle bracket.

3. Insert EVO Trackbar bracket over top of factory axle bracket. Mark center of left and right holes to be drilled
4. Drill holes





5. Install supplied hardware. 3/8" bolts washers and nuts at drilled locations. Supplied 9/16" bolt washer and nut at original lower trackbar location with crush tube (inside).
6. Lower trackbar down to it new higher location and install with factory hardware.
7. At ride height torque all bolts to specification on factory manual EVO bolts to spec at end of instruction.
3/8" 37 Ft/Lbs
9/16" 129 Ft/Lbs
8. Install Bushings and sleeves into new supplied sway bar links. Spray lube and vice should be used to make them easier to insert into bars.
9. At rear sway bar remove factory sway bar links and install EVO links reusing factory hardware. Torque to 35 Ft/Lbs.
10. At Rear Bump stop on frame. Remove 2 screws securing bump stop frame both passenger and driver side. Install EVO Bracket to Frame using factory hardware. Then install factory bump stop to EVO bracket using supplied 3/8" hardware. Torque all bolts to 35 ft/lbs





Complete further components of total install as needed.

After Install:

- Tighten all bolts securing purchased parts to specified locations.
- After completing installation using provided instructions, go through all steps again to make sure nothing was missed, not tightened or improperly assembled.
- Some components may need to be purchased separately.
- Check turn signals, headlights, fog lights (if applicable), taillights, blinkers and windshield wipers.
- Adjust mirrors, speedometer and headlights if needed.
- Make sure all gauges are fully operational.
- Drive the vehicle slowly for a couple minutes, looking and listening for abnormal noises while driving. After modification of a vehicle there will be differences in driving experiences and capabilities, be mindful of that.
- Inspect and Retorque all Bolts after 500 miles of completed installation and regularly thereafter.
- Some modification may be required.

Standard Torque Specs:

Size	Grade 2		Grade 5		Grade 8		18-8 S/S	
	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
#4*	-	-	-	-	-	-	5.2	-
#6*	-	-	-	-	-	-	9.6	-
#8*	-	-	-	-	-	-	19.8	-
#10*	-	-	-	-	-	-	22.8	31.7
1/4	4	4.7	6.3	7.3	9	10	6.3	7.8
5/16	8	9	13	14	18	20	11	11.8
3/8	15	17	23	26	33	37	20	22
7/16	24	27	37	41	52	58	31	33
1/2	37	41	57	64	80	90	43	45
9/16	53	59	82	91	115	129	57	63
5/8	73	83	112	128	159	180	93	104
3/4	125	138	200	223	282	315	128	124
7/8	129	144	322	355	454	501	194	193
1+	188	210	483	541	682	764	287	289