



EVO Manufacturing
Diesel Coilover Accessory Battery Relocate
EVO-3106B

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.

READ BEFORE INSTALL





Recommended Tools:

- Socket set
- Wrenches (English/metric)
- Rubber Mallet/Vice
- Dremel/knife/shears/cutting wheel
- Thread lock
- Grinder



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.





This instruction is a supplement instruction to be used in combination with EVO-3028B / BA or EVO-3092B-S60 Coilover Kits on Diesel Engine Equipped JL and Gladiators.

Please read and fully understand both instructions before proceeding with installation. Once installation has begun there is no reversal.

Some vehicles may require extension of one or both of the factory cables. Provisions for this are not included. If needed this is installer supplied.

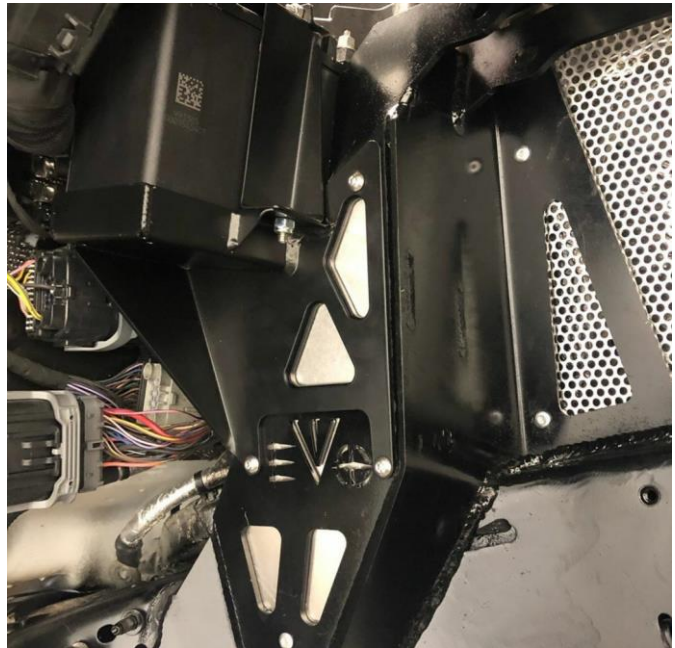
1. From the engine compartment.
Remove lid over accessory battery.
Disconnect cables from battery.
Remove battery.
2. With Battery box empty. Using a cutting tool/cut off wheel or similar. Carefully cut out factory plastic battery box from inner fender well. Entire box should be removed. Be careful to not cut through the top. Retain the ability to reinstall the lid to engine compartment.



3. Preinstall EVO-3106B as shown with removed factory battery installed into mount. Stainless Heat Shield should be installed to the top strap with shield toward the inside of the vehicle.



4. Install assembled battery box with tray to passenger side rear portion of the coilover towers. It will bolt to tower using supplied 3 screw holes on top section of rear logo plate as shown. Contrast backing plate should be installed on the tower as well.
5. As a preassembled unit. Insert tower into vehicle wheel well and proceed with coilover install procedure.





After completing coilover install procedure. Reconnect wiring to battery. Verify correct +/- cables to correct battery terminals. If wire extension is required. Do so at this time following their manufacturer recommendations. Re-install lid over battery.

After Install:

- Double check all brake lines for leaks and or loose bolts. Make sure brakes are bled and bled properly. It is recommended to take to a professional to bleed brakes properly.
- Tighten all bolts securing urethane or rubber bushings once vehicle is under its own weight and at ride height. Track bars, control arms, etc.
- 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 to fit preferred size/brand tire.

General Recommended 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

