



EVO Manufacturing

**JEEP WRANGLER JL/JLU FASCIA WITH D RING SHACKLE REAR BUMPER
DELETE, ALUMINUM**





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/Tool set
- Wrenches (English/metric)
- Rubber Mallet/Hammer
- Thread lock



This product is not compatible with Jeep Park Assist Back Up Sensors. (This product will work on park assist equipped vehicles, park assist will be disabled).

Unless otherwise stated. Keep all installed bolts loose until all bolts are loosely installed. Then tighten when specified.



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.



1. Follow factory procedures to remove rear bumper from Jeep.
2. Remove and retain factory bolts on tow hooks both driver and passenger side.



3. With bumper and tow hooks removed. Loosely install Dring Shackle tabs to fascia using the supplied 3/8" bolts on the smaller upper bolts hole. Align the lower 2 holes visually or with removed factory bolts and snug the upper 3/8" bolt, both sides. (it is easily to install this bolt off the vehicle, once installed on vehicle access inside nut is difficult.). Make sure once tight the lower 2 larger bolts holes are aligned, or the fascia will not install the vehicle.



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4. Install fascia center plate with 6 supplied button head screws.



5. Insert passenger side flag nut into frame. Align nut on tab over forward hole in bottom of frame and flange through side hole in frame.



6. Install assembled fascia to frame. There is a large variance in frame widths. Tap with a mallet to fascia or hammer to frame sides may be required.
7. Reuse all factory hardware install fascia to frame. 4 bolts (2 on side and 2 from underneath) on driver side, 2 side bolts on passenger side. Use supplied M12 bolt to thread from underside up into supplied/inserted flag nut on passenger side. With all bolts loosely installed. Torque all bolts.





After Install:

- 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.
- 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.

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