



EVO Manufacturing

JT REAR AIR BUMP ROCK STOP BUMP INSTALLATION



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

ALL BOLTS SHOULD BE LOOSELY INSTALLED IN EACH ASSEMBLIES BEFORE TIGHTENING/TORQUING ANY BOLTS



READ BEFORE INSTALL

Recommended Tools:

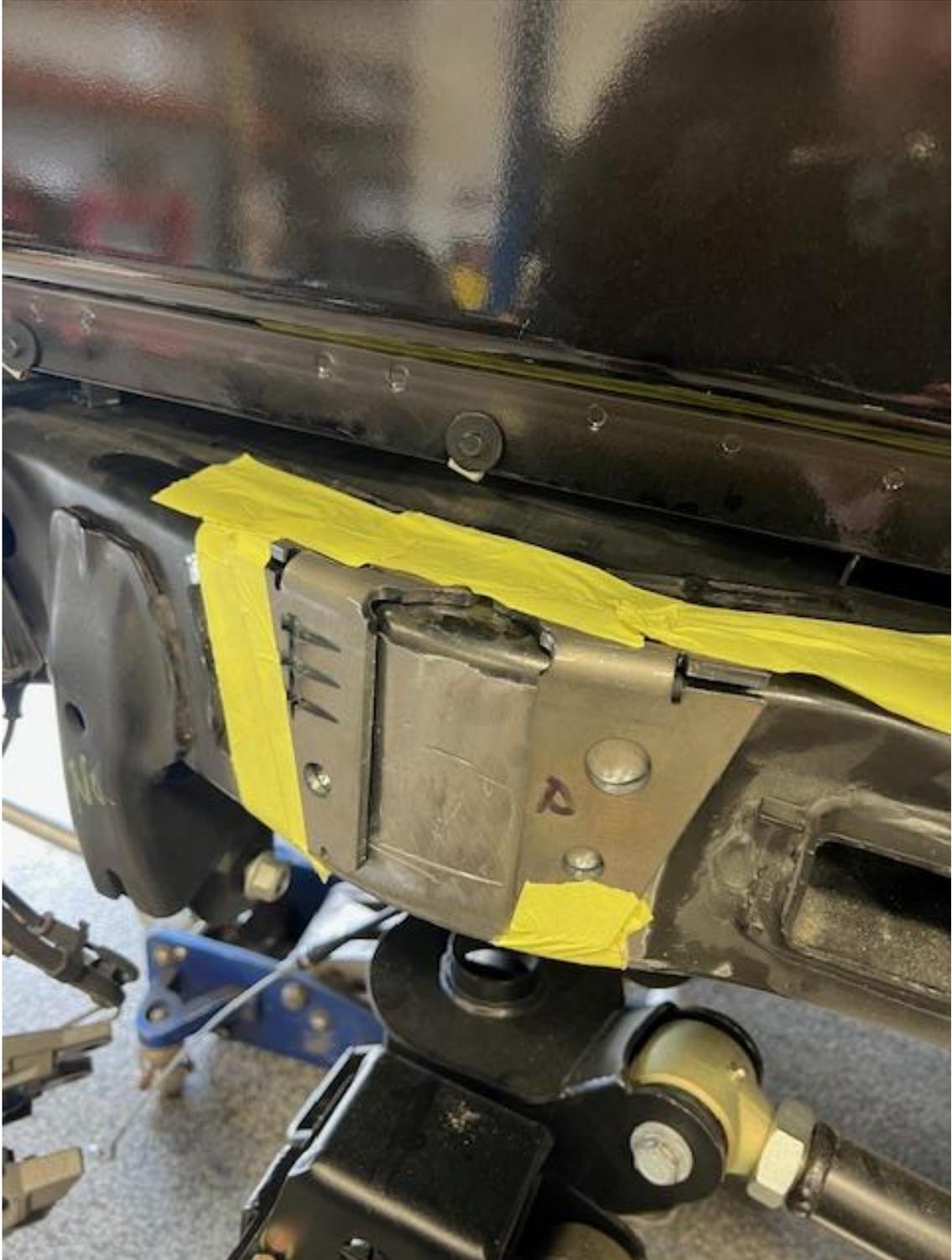
- Tool set
- Metal Cutting Tools, Grinder, Plasma, Torch etc
- Welder
- Fabrication Talent
- Spray Paint
- Barrel Sander/Dremel



1. Grind/Remove factory bump stop bracket from frame on rear of truck. Both side. Grind smooth. Some grinding to upper and lower flange edge and frame welds may be needed.
2. With EVO Bracket in hands, open/bend brackets open and test fit to radius/arc on frame of truck. Open/bent until bracket matches frame contour.



3. With EVO bracket opened/bent, fit EVO bracket over frame in location of air bump strike. You may need to cycle suspension to properly locate at full bump.



4. Use Located bracket as mark template to mark the frame trim required to French in air bump. With this marked. Remove bracket and use metal cutting tools of you availability/choice to cut frame at this marked location.



5. With frame timed for air bump, fit back over trimmed location



6. Tack bracket and air bump can at multiple places.



7. Verify location, cycle suspension etc. Once accurate location is confirmed. Fully weld by a skill professional.







8. Bump Stop Extension pads may be needed to increase pad width. If so, use the included left and right brackets to add to EVO Rear JT Bump Stop Extension. Choose the size you need for you suspension. We offer 2.5, 3" and 4" tall extension (sold separately). Use as needed. Weld as shown, left and right.



9. Paint all exposed metal with metal paint.
10. Install bump stop from the bottom up. Some barrel sanding to lower portion of air bump can may be needed to install bump due to weld warp. Do so as needed. Tighten upper nut on air bump and tighten set screw in nut. Charge air bump if needed. 80-200 PSI. 100 PSI is common.





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