



EVO Manufacturing

**JL/JT FRONT PRO BUMPER INSTRUCTION**



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**





3. Determine need for center or offset winch drum location (Most modern winches are center) Install supplied jog plate in the applicable side need to accommodate your winch drum location. Use supplied 7/16" stainless socket head hardware.  
For fairlead adjustment using the included EVO fairlead jog plate: Using jog plate hardware kit, mount jog plate to correct side of fairlead mount depending on type of winch. Put washer on bolt, then insert through bumper then jog plate, tighten nut onto backside of bolt.

Mount EVO Fairlead Jog Plate on passenger side for Offset Winch

Mount EVO Fairlead Jog Plate on driver side for Centered Winch



4. Loosely install inner frame buckets left and right with factory hardware.



5. Bring PRO bumper to vehicle. Insert the 4 and 4 studs on bumper into the front frame locations and through the previously installed inner frame plates.

Sandwich 1 bolt shim on left and right between bumper side plates and bottom surface of bumper. Like shown, this will need to be done in series while aligning bumper to frame.







6. Loosely install supplied 3/8" bolts washers and nut vertically into the 2 bolt holes on each side that sandwich the bumper, spacer and side plates.
7. With all hardware loosely installed, torque all bolts. Winch can set/mounted during this procedure. Fully tighten/torque afterwards



### Optional Skid Install:

If Installing Skid plate, this is installed on the lower face of the bumper share the bolts that mount winch  
Skid uses winch bolts to mount.



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