



6478

Parts List

Ref #	Part #	Qty	Description	Ref #	Part #	Qty	Description
1	9044	1	Pushplate - Driver side	7	*90323	4	5/8" Flat Washer
2	9045	1	Pushplate - Passenger side	8	*90315	4	3/8 Flat Washer
3	*90575	6	1/2-13x1-1/4 (NC) Cap Screw Gr. 5	9	*90636	4	M10 x 1.5 x 40 Hx Cap Screw Gr. 10.9
4	*90364	6	1/2" Lock Washer	10	8590	1	Angle
5	*90337	6	1/2" Nut (NC)	11	*8290	1	Panel Mount Plate Set - Long (not shown)
6	*90319	2	1/2" Flat Washer	12	*8324	8	Cable Ties - Long (not shown)

* Part of 9055 Bolt Bag

Note: To insure proper fit of attachments and alignment of "connecting pin arms", do not fully tighten any fasteners until told to do so.

1. Remove the splash shield and the tow hooks. Save the fasteners from the splash shield.
2. Remove and save the fasteners on the sway bar brackets. Place the tail part of the driver-side pushplate (1) between the frame and the sway bar brackets and reinstall the previously removed fasteners. **Do not tighten any fasteners at this time.** Reinstall the tow hook placing two M10 x 1.5 x 40 Gr. 10.9 cap screws (9) with two 3/8" flat washers (8) up through the pushplate, frame, and into the two hook. Repeat above with the passenger-side pushplate (2).
3. Attach the angle (10) to both pushplates in front of the sway bar (on the inside of the flat bar as illustrated) using two 1/2 x 1-1/4" cap screws (3), lock washers (4), and nuts (5). **Do not tighten fasteners at this time.**
4. Using the hole in the side and top most plate as a guide, drill one 17/32" hole through the frame on one pushplate. Install one 1/2" x 1 1/4" cap screw (3) out through the frame and pushplate. Place one 5/8" flat washer (7) between the frame and the plate as a spacer. Fasten with a 1/2" lock washer (4) and 1/2" nut (5). Repeat for the other pushplate. **Do not tighten fasteners.**
5. Before tightening fasteners, measure the distance between the front connecting holes on the pushplates; it should be 25-5/8". If needed, add another 5/8" flat washer (7) between the frame and the side tab of each pushplate as spacers to obtain 25-5/8". To ensure the arms are parallel, a second measurement must be taken farther back on the arms. This measurement must be the same as the first. **Tighten all fasteners.**
6. Cut the splash shield as illustrated. Slide it into its original position above the inside tabs on the pushplates. Using the holes in the inside tabs on the pushplates as guides, mark the holes on the shield and drill two 17/32" holes for each side in the shield. Re-install the shield using previous fasteners on the rear of the shield. Fasten the drilled holes with two 1/2" x 1 1/4" cap screws (3), flat washers (6), lock washers (4), and nuts (5). Tighten.

NC FASTENER TORQUE (FT-LB)			
DIAMETER- THREADS PER INCH	GRADE		
			
	G2	G5	G8
1/4 - 20	6	9	13
5/16 - 18	11	18	28
3/8 - 16	19	31	46
7/16 - 14	30	50	75
1/2 - 13	45	75	115
9/16 - 12	66	110	165
5/8 - 11	93	150	225
3/4 - 10	150	250	370
7/8 - 9	150	378	591
1 - 8	220	583	893