




REF#	PART#	QTY	DESCRIPTION	* PART OF 6800 BOLT BAG
1	5658	1	PUSHPLATE, DRIVERS SIDE	
2	5659	1	PUSHPLATE, PASSENGERS SIDE	
3	A5654	1	PUSHBEAM (31 OAL)	
4	5656	1	PUSHRAIL, DRIVERS SIDE	
5	5657	1	PUSHRAIL, PASSENGERS SIDE	
6				
7	3954	2	HEADGEAR BRACE	
8	5210	2	BUMPER DOUBLER	
9	5005	2	* 5/8-11 X 1-1/2 (NC) DRILLED CAPSCREW	
10	90446	2	* 5/8-11 (NC) SLOTTED NUT	
11	90012	2	* 3/16 X 1-3/4 COTTER PIN	
12	90244	4	* 5/8 X 1-1/2 (NC) GR.5 CAPSCREW	
13	90343	4	* 5/8 NUTS (NC)	
14	90366	4	* 5/8 LOCKWASHERS	
15				
16	90214	2	* 1/2 X 1-3/4 (NC) GR.5 CAPSCREW	
17	90337	22	* 1/2 (NC) NUT	
18	90364	22	* 1/2 LOCKWASHER	
19	90319	2	* 1/2 FLATWASHER	
20	90210	12	* 1/2 X 1-1/2 (NC) GR.5 CAPSCREW	
21	90575	8	* 1/2 X 1-1/4 (NC) GR.5 CAPSCREW	
	3	1	CONNECTING PIN RELEASE	
	4289	2	* 3/4 X 1-7/8 MACHINE PIN	
	90658	2	* 5/32 X 1-1/4 COTTER PIN	
22	90457	2	* 3/4 X 1-1/2 (NC) GR.5 CAPSCREW	
23	90367	2	* 3/4 LOCKWASHER	
24	90345	2	* 3/4 (NC) NUT	
25	90325	2	* 3/4 FLATWASHER	
26	5943	1	PASSENGER'S SIDE FRAME PLATE	
27	5942	1	DRIVER'S SIDE FRAME PLATE	
28	6920	2	CONNECTING PIN ASSEMBLY	
29	6815	2	CONNECTING PIN W/HANDLE	
30	821	2	* SPRING	
31	90601	2	* 1/4 X 1-1/2 COTTER PIN	
	A5872	1	DASH BRACKET BAG	

FASTENER TORQUE (FT-LB)			
DIAMETER- THREADS PER INCH	GRADE DESIGNATION		
	 GRADE 2	 GRADE 5	 GRADE 8
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

- A.** REMOVE NUTS FROM TRANSMISSION CROSS MEMBER CAPSCREWS ON EACH SIDE OF VEHICLE. IF NECESSARY, REMOVE CLIPS HOLDING GAS LINE, BRAKE LINE, & WIRING BUNDLES TO THE INSIDE AND OUTSIDE OF THE FRAME CHANNEL FLANGE AT THE LOCATIONS WHERE FRAME PLATES(26,27) WILL BE INSTALLED. LIFT FRAME PLATES ONTO THE EXPOSED VEHICLE CAPSCREWS. REPLACE THE REMOVED NUTS AND TIGHTEN. INSERT 3/4 X 1-1/2 CAPSCREWS (22) WITH FLATWASHERS (25) OUT TOP HOLE OF FRAME PLATES AND THROUGH FRAME AND SECURE WITH FLATWASHERS (25), LOCKWASHERS (23) AND NUTS (24) AND TIGHTEN. REINSTALL GAS LINE, BRAKE LINE AND WIRING BUNDLE CLIPS AS REQUIRED.
- B.** AT FRONT OF VEHICLE REMOVE THE LOWER BUMPER BOLTS AND IF SO EQUIPPED, REMOVE THE SWAY BAR, U-SHAPED BRACKETS, RUBBER SHOCK MOUNT AND FRAME MOUNTING PLATE SAVE ALL FASTENERS, U-SHAPED BRACKET AND RUBBER SHOCK MOUNTS, BUT DISCARD FRAME MOUNTING PLATES. BOLTS HOLDING EVAPORATION CANISTER ONTO THE INSIDE OF THE FRAME MAY HAVE TO BE REMOVED TO ALLOW PUSHPLATES TO BE INSTALLED. AFTER INSTALLATION OF PUSHPLATES, REPLACE EVAPORATION CANISTER AND BOLTS.
- C.** INSERT THE ENDS OF THE SWAY BAR THROUGH THE DRIVER'S AND PASSENGER'S SIDE PUSHPLATES (1 & 2), PLACE THIS ASSEMBLY BENEATH THE FRAME AT THE FRONT OF THE VEHICLE. INSERT TWO 1/2 X 1-1/4 CAPSCREWS (21) DOWN THROUGH THE FRAME ON EACH SIDE OF VEHICLE. PLACE A 1/2 X 1-3/4 CAPSCREW GR. 5 (16) THROUGH A BUMPER DOUBLER (8) AND THEN OUT THROUGH THE LOWER BUMPER BOLT HOLE ON EACH SIDE OF VEHICLE.
- D.** LIFT THE DRIVER'S SIDE PUSHPLATE (WITH OR WITHOUT THE SWAY BAR) ONTO THE BOLTS JUST INSTALLED AND SECURE WITH 1/2 FLATWASHERS (19), LOCKWASHERS (18) AND NUTS (17). REPEAT FOR THE PASSENGER'S PUSHPLATE, LEAVE FASTENERS FINGER TIGHT AT THIS TIME.
- E.** ATTACH RIGHT AND LEFT SWAY BAR BRACKETS AND RUBBER MOUNTS TO THE PADS WELDED ONTO THE PUSHPLATES USING PREVIOUSLY REMOVED CAPSCREWS AND NUTS. REATTACH THE ENDS OF THE SWAY BARS AS THEY WERE ORIGINALLY INSTALLED. TIGHTEN CAPSCREWS AND NUTS.
- F.** ASSEMBLE CONNECTING PIN (28) TO PUSHBEAM (3). FIRST INSERT SPRINGS (30) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN INSERT CONNECTING PIN (29) THROUGH ALL THREE EARS WITH HANDLE OF PIN TOWARDS THE CENTER OF THE BEAM. LEAVING THE HOLE IN THE PIN BETWEEN THE INNER TWO EARS, PULL BACK ON SPRING AND INSTALL COTTER PIN (31).
- G.** PLACE PUSHBEAM (3) BETWEEN PUSHPLATES AND ATTACH USING 5/8 X 1-1/2 DRILLED CAPSCREWS (9), 5/8 SLOTTED NUTS (10) AND 3/16 X 1-3/4 COTTER PINS (11). DO NOT TIGHTEN.
- H.** INSTALL DRIVER'S AND PASSENGER'S PUSHRAILS (4 & 5) TO PUSHBEAM AND FRAME PLATES (26 & 27) USING FIVE 1/2 X 1-1/2 CAPSCREWS (20), LOCKWASHERS (18) AND NUTS (17) ON EACH PUSHRAIL.
- I.** ATTACH HEADGEAR (NOT SHOWN) TO FRONT PUSHPLATE PADS USING TWO 1/2 X 1-1/2 CAPSCREWS (20), LOCKWASHERS (18) AND NUTS (17).
- J.** INSTALL HEADGEAR BRACES(7) BETWEEN HEADGEAR AND PUSHPLATES USING TWO 5/8 X 1-1/2 CAPSCREWS(12), LOCKWASHERS(14) AND NUTS(13) PER BRACE.

**NOTE:** BENT END OF BRACE IS ON TOP.

- K.** BEGINNING AT THE FRONT OF THE VEHICLE, FIRST TIGHTEN THE BEAM BOLTS AND THEN ALL OTHER FASTENERS.
- L.** USING THE TWO HOLES IN THE PUSHPLATE AS A GUIDE, DRILL OR REAM TWO 17/32" DIAMETER HOLES THROUGH THE OUTSIDE OF THE FRAME ON BOTH SIDES OF THE VEHICLE. INSTALL 1/2 X 1-1/4 CAPSCREWS (21), LOCKWASHERS (18) AND NUTS (17) IN THESE FOUR LOCATIONS AND TIGHTEN.