

REF#	PART#	QTY	DESCRIPTION * PART OF 6761 BOLT BAG		
1	90210	4	* 1/2-13 X 1-1/2 (NC) GR.5 CAPSCREW		
2	5364	1	DRIVER SIDE PUSHPLATE		
3	5363		PASSENGER SIDE PUSHPLATE		
4	90244	5 5	5/8-11 X 1-1/2 (NC) GR.5 CAPSCREW		
5	90323	5	5/8" FLATWASHER		
6	90366	7	* 5/8" LOCKWASHER		
6 7	90343	7	5/8-11 (NC) NUT		
8 9	1510	1 2	PUSHBEAM (27" OVERALL LENGTH)		
9	5005	2	5/8-11 X 1-1/2 (NC) DRILLED CAPSCREW		
10	90446		* 5/8-11 UNC SLOTTED NUT		
.11	5528	1	CYLINDER PROTECTOR		
12	90575	4	* 1/2 X 1-1/4 (NC) GR.5 CAPSCREW		
13	90364	8	1/2" LOCKWASHER		
14	90337	8	* 1/2" (NC) NUTS		
15	2791	8 2 2	HEADGEAR BRACE		
16	90012		* 3/16 X 1-3/4 COTTER PIN		
17 6815 2		2	CONNECTING PIN W/ HANDLE		
	4289	2 2 2 1 2	* 3/4 X 1-7/8 MACHINE PIN		
	90658	2	* 5/32 X 1-1/4 COTTER PIN		
	3	1	CONNECTING PIN RELEASE		
18	6049		* SPACER		
19	90247	2	5/8 X 2 (NC) GR.5 CAPSCREW		
20	6920	2	CONNECTING PIN ASSEMBLY		
21	821	2 2 2	* SPRING		
22	90601	2	* 1/4 X 1-1/2 COTTER PIN		
	A5871	1	DASH BRACKET BAG		

FASTENER TORQUE (FT-LB)						
DIAMETER-	GRADE DESIGNATION					
THREADS PER INCH	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. 1981-1987 REMOVE AIR DAM FROM BELOW FRONT BUMPER. IF YOU WISH, AIR DAM MAY BE SECTIONED TO CLEAR PUSHPLATES DURING ASSEMBLY. (SEE ILLUSTRATION).
- 1973-1987 LIFT VEHICLE USING FLOOR JACK UNDER TRANSMISSION CROSSMEMBER. ON DRIVER'S SIDE REMOVE BOLT HOLDING BREAK LINE CLIP ON INSIDE OF FRAME, BEHIND STEERING BOX. BEND BRACE LINES DOWN TO CLEAR SLOTTED HOLE IN FRAME. ON PASSENGER SIDE REMOVE BOLT HOLDING BRAKE LINE CLIP ABOVE FRONT EDGE OF CROSSMEMBER THAT RUNS UNDER ENGINE. BEND LINES UP TO CLEAR SLOTTED HOLE IN FRAME.
- 1981-1987 REMOVE THE LOWER BUMPER BRACKET BOLTS FROM THE ENDS OF BOTH THE DRIVERS AND PASSENGERS SIDE FRAME RAILS. (THESE BOLT THROUGH THE FRAME WEB JUST ABOVE THE LOWER EDGE OF BUMPER). REDRILL HOLES TO 5/8.
 - CAUTION!!!!! BEFORE DRILLING ANY HOLES BE SURE THAT THE BACK SIDE OF WHATEVER IS BEING DRILLED IS CLEAR OF ANY OR ALL WIRES, BRAKE LINE, FUEL LINES, ETC.
- B. 1981-1987 INSTALL DRIVERS SIDE PUSHPLATE (2) TO OUTSIDE OF FRAME, INSIDE OF SPRING AND OUTSIDE OF STABILIZER BAR. RAISE FRONT END OF PUSHPLATE TO PERMIT INSTALLATION OF 5/8 X 2 BOLT (19) WITH FLATWASHER (5) THROUGH FRONT PUSHPLATE TAB HOLE AND FRAME, FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7). INSTALL 5/8 X 1-1/2 BOLT (4) THROUGH FRONT HOLE OF REAR ANGLE SECTION AND FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7). (FLATWASHER, LOCKWASHER AND NUT GO ON INSIDE OF FRAME).
- 1973-1980 INSTALL DRIVER'S SIDE PUSHPLATE (2) TO OUTSIDE OF FRAME, INSIDE OF SPRINGS AND OUTSIDE OF STABILIZER BAR. RAISE FRONT END OF PUSH-PLATE TO PERMIT INSTALLATION OF 5/8 X 2 BOLT (19) WITH FLATWASHER (5) THROUGH REAR HOLE IN FRONT HANGER, 1/4" SPACER (18) AND FRAME. FASTEN WITH FLATWASHER (5) LOCKWASHER (6) AND NUT (7). INSTALL 5/8 X 1-1/2 BOLT (4) THROUGH FRONT HOLE OF REAR ANGLE SECTION AND FASTEN WITH A FLATWASHER (5), LOCKWASHER (6) AND NUT (7). (FLATWASHER, LOCK-WASHER AND NUT GO ON INSIDE OF FRAME).
- C. 1981-1987 INSTALL PASSENGER SIDE PUSHPLATE (3) TO OUTSIDE OF FRAME, INSIDE OF SPRING, AND OUTSIDE OF STABILIZER BAR. HANG REAR END OF PUSHPLATE ON TOP OF AXLE RUBBER BUMPER MOUNT. RAISE FRONT END OF PUSHPLATE TO INSTALL 5/8 X 2 BOLT (19) WITH FLATWASHER (5) THROUGH FRONT PUSHPLATE TAB HOLE AND FRAME. FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7). IN-STALL 5/8 X 1-1/2 BOLT (4) THROUGH MIDDLE HOLE OF REAR PLATE, THROUGH SLOTTED HOLE IN FRAME AND FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7).
- 1973-1980 INSTALL PASSENGER'S SIDE PUSHPLATE (3) TO OUTSIDE OF FRAME, INSIDE OF SPRING AND OUTSIDE OF STABILIZER BAR. RAISE FRONT END OF PUSHPLATE TO INSTALL 5/8 X 2 BOLT (19) WITH FLATWASHER (5) THROUGH REAR HOLE IN HANGER, 1/4" SPACER (18) & FRAME. FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7). INSERT 5/8 X 1-1/2 BOLT (4) THROUGH MIDDLE HOLE OF REAR PLATE, THROUGH SLOTTED HOLE IN FRAME AND FASTEN WITH FLATWASHER (5), LOCKWASHER (6) AND NUT (7).

- D. ASSEMBLE CONNECTING PINS (20) TO PUSHBEAM (8). FIRST INSERT SPRINGS (22) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN INSERT CONNECTING PIN (21) THROUGH ALL THREE EARS WITH HANDLE OF PIN TOWARDS THE CENTER OF THE BEAM. LEAVING THE HOLE IN THE PIN BETWEEN INNER TWO EARS, PULL BACK ON SPRING AND INSTALL COTTER PINS (23).
- **E.** ASSEMBLE PUSHBEAM (8) BETWEEN PUSHPLATES, USING DRILLED $5/8 \times 1-1/2$ BOLTS (9), INSERTED FROM INSIDE, AND SLOTTED NUTS (10).
- F. INSTALL HEADGEAR ON PUSHPLATE TABS USING $1/2 \times 1-1/4$ BOLTS (12), LOCKWASHERS (13), AND NUTS (14).
- **G.** INSTALL CYLINDER PROTECTOR (11) ONTO BOTTOM OF HEADGEAR WITH FLANGE FORWARD AND POINTING DOWN USING 1/2 X 1-1/4 BOLTS (12), LOCKWASHERS (13) AND NUTS (14).
- **H.** INSTALL HEADGEAR BRACES (15) TO PUSHPLATE TABS, USING $1/2 \times 1-1/2$ BOLTS (1) LOCKWASHERS (13) AND NUTS (14). ATTACH BENT END OF BRACES TO HEADGEAR, USING $1/2 \times 1-1/2$ BOLTS (1), LOCKWASHERS (13) AND NUTS (14).
- I. TIGHTEN PUSHBEAM BOLTS AND NUTS AND SECURE WITH $3/16 \times 1-3/4$ COTTER PINS (16). TIGHTEN ALL OTHER BOLTS AND NUTS.
- J. ON THE DRIVER SIDE PUSHPLATE DRILL ONE 5/8" HOLE THROUGH FRAME USING REAR HOLE OF REAR ANGLE SECTION AS A GUIDE INSTALL AND TIGHTEN ONE 5/8 X 1-1/2 CAPSCREW (4), FLATWASHER (5), LOCK-WASHER (6) AND NUT (7). ON THE PASSENGER SIDE DRILL TWO 5/8" HOLES THROUGH FRAME USING LOWER REAR HOLE AND FRONT HOLE IN REAR PLATE OF PUSHPLATE AS A GUIDE. INSTALL AND TIGHTEN TWO 5/8 X 1-1/2 BOLTS (4), LOCKWASHERS (6) AND NUTS (7).