



6229

REF#	PART#	QTY	DESCRIPTION	* PART OF 6743 BOLT BAG
1	6516	1	DRIVER SIDE PUSHPLATE	
2	90244	4	* 5/8-11 X 1-1/2 (NC) GR.5 CAPSCREW	
3	90366	6	* 5/8 LOCKWASHER	
4	90343	6	* 5/8-11 (NC) NUT	
5	90210	6	* 1/2-13 X 1-1/2 (NC) GR.5 CAPSCREW	
6	90364	8	* 1/2 LOCKWASHER	
7	90337	8	* 1/2-13 (NC) NUT	
8	6517	1	PASSENGER SIDE PUSHPLATE	
9	A1510	1	PUSHBEAM (27" OVERALL LENGTH)	
10	5005	2	* 5/8-11 X 1-1/2 (NC) DRILLED CS	
11	90446	2	* 5/8-11 UNC SLOTTED NUT	
12	2791	2	HEADGEAR BRACE	
13	90012	2	* 3/16 X 1-3/4 COTTER PIN	
14	6920	2	CONNECTING PIN ASSEMBLY	
15	6815	2	CONNECTING PIN W/HANDLE	
16	821	2	* SPRING	
17	90601	2	* 1/4 X 1-1/2 COTTER PIN	
	4289	2	* 3/4 X 1-7/8 MACHINE PIN	
	90009	2	* 1/8 X 1-1/4 COTTER PIN	
	3	1	CONNECTING PIN RELEASE	
18	90249	2	* 5/8-11 X 2-1/2 (NC) GR.5 CS	
19	5528	1	CYLINDER PROTECTOR (NOT SHOWN)	
20	90575	2	* 1/2 - 13 X 1-1/4 (NC) GR.5 CS	
	A5867	1	DASH BRACKET BAG	

NOTE: DO NOT TIGHTEN FASTENERS UNTIL ALL PARTS HAVE BEEN ASSEMBLED.

- A.** LIFT VEHICLE, USING FLOOR JACK UNDER TRANSMISSION CROSSMEMBER.
- B.** REMOVE 7/16 BOLTS FROM FRONT BUMPER BRACKETS (THE LOWER ONE OF THREE). REAM HOLES TO 5/8" BOTH SIDES.
- C.** INSERT A 1/2 X 1-1/2 GR. 5 CAPSCREW (5) OUT THROUGH THE FRONT PUSHPLATE TAB ON BOTH PUSHPLATES (1) AND (8). INSTALL DRIVER SIDE PUSHPLATE (1) OVER SWAY BAR (IF SO EQUIPPED), UNDER AND OUTSIDE OF VEHICLE FRAME AND INSIDE OF SPRING, WITH FRONT TAB OVER 5/8" REAMED HOLE OF FRAME. INSTALL ONE 5/8 X 1-1/2 CAPSCREW (2) IN FORWARD HOLE OF REAR PUSHPLATE ANGLE SECTION AND ASSEMBLE USING LOCKWASHER (3) AND NUT (4). INSTALL ONE 5/8 X 2-1/2 GR.5 CAPSCREW (18) IN OFFSET TAB BEHIND BUMPER USING LOCKWASHER (3) AND NUT (4).
- D.** INSTALL PASSENGER SIDE PUSHPLATE (8) IN SAME MANNER AS DRIVERS SIDE PUSHPLATE (STEP C ABOVE).
- E.** ASSEMBLE CONNECTING PINS (14) TO PUSHBEAM (9). FIRST INSERT SPRINGS (16) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN, INSERT CONNECTING PIN (15) 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 (17).
- F.** INSTALL PUSHBEAM (9) BETWEEN INSTALLED PUSHPLATES USING TWO DRILLED 5/8 X 1-1/2 CAPSCREWS (10), INSERTED FROM INSIDE AND SLOTTED NUTS (11).
- G. NOTE:** HEADGEAR IS PACKED IN COMMON ATTACHING BOX.

INSTALL HEADGEAR ON FRONT PUSHPLATE TABS USING ONE 1/2 X 1-1/2 GR. 5 BOLT (5) UP THROUGH PUSHPLATE TAB AND HEADGEAR WITH LOCKWASHER (6) AND NUT (7) ON TOP.

- H.** INSTALL CYLINDER PROTECTOR (19) ONTO BOTTOM OF HEADGEAR WITH FLANGE REARWARD AND POINTING DOWN USING TWO 1/2 X 1-1/4 (NC) CAPSCREWS (20), LOCKWASHERS (6) AND NUTS (7).
- I.** INSTALL HEADGEAR BRACES (12) TO HEADGEAR USING 1/2 X 1-1/2 GR. 5 BOLTS (5), LOCKWASHERS (6) AND NUTS (7). ATTACH OTHER END OF BRACES TO FRONT OF PUSHPLATE TAB USING BOLTS (5), LOCKWASHERS (6) AND NUTS (7).
- J.** TIGHTEN PUSHBEAM BOLTS AND NUTS AND SECURE WITH 3/16 X 1-3/4 COTTER PINS (13). TIGHTEN ALL OTHER BOLTS AND NUTS IN-STALLED.
- K.** USE REAR HOLE OF EACH PUSHPLATE ANGLE SECTION AS A GUIDE.

NOTE: ENSURE THAT FRAME WEB IS CLEAR OF ALL LINES AND WIRES, IF PRESENT, MOVE AWAY FROM WHERE DRILL WILL PASS THROUGH FRAME.

DRILL ONE 11/16 HOLE IN EACH SIDE OF VEHICLE FRAME. INSTALL TWO 5/8 X 1-1/2 BOLTS (2) THROUGH PUSHPLATE AND DRILLED FRAME AND ASSEMBLE USING TWO LOCKWASHERS (3) AND TWO NUTS (4).

- L.** AFTER TIGHTENING, **ENSURE** THAT ALL LINES AND WIRES ARE WELL AWAY FROM ANY SHARP EDGES OR ATTACHMENTS, ETC.