



REF#	PART#	QTY	DESCRIPTION
			* PART OF 6743 BOLT BAG
1	6986	1	DRIVER SIDE PUSHPLATE
2	90244	4	* 5/8-11 X 1-1/2 (NC) BR.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 BR. 5 (NC) CAPSCREW
6	90364	8	* 1/2 LOCKWASHER
7	90337	8	* 1/2-13 (NC) NUT
8	6987	1	PASSENGER SIDE PUSHPLATE
9	1510	1	PUSHBEAM (27" OVERALL LENGTH)
10	5005	2	* 5/8-11 X 1-1/2 (NC) DRILLED CAPSCREW
11	90446	2	* 5/8-11 (NC) 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
	90658	2	* 5/32 X 1-1/4 COTTER PIN
	3	1	CONNECTING PIN RELEASE
18	90249	2	* 5/8-11 X 2-1/2 (NC) BR.5 CAPSCREW
19	5528	1	CYLINDER PROTECTOR (NOT SHOWN)
20	90575	2	* 1/2 - 13 X 1-1/4 (NC) BR.5 CAPSCREW
	A5867	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

INSTALLATION INSTRUCTIONS

PECULIAR ATTACHMENTS

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 TWO 1/2 X 1-1/2 GR. 5 CAPSCREWS OUT THROUGH THE HEADGEAR BRACE TAB ON BOTH PUSHPLATES (2) AND (3). 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 FASTEN WITH A LOCKWASHER (3) AND NUT (4). INSTALL ONE 5/8 X 2-1/2 GR.5 CAPSCREW (18) OUT THROUGH FRAME AND FRONT TAB, FASTEN WITH A 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 PUSHPLATE TAB USING PREVIOUSLY INSTALLED BOLTS, 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 INSTALLED.
- K. USING REAR HOLE OF EACH PUSHPLATE ANGLE SECTION AS A GUIDE, AND ENSURING 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 ONE 5/8 X 1-1/2 BOLT (2) THROUGH EACH PUSHPLATE AND DRILLED FRAME HOLE AND FASTEN WITH 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.**