



6333

PARTS LIST

AM299B

REF#	PART#	QTY	DESCRIPTION	* PART OF 7025 BOLT BAG
1	7018	1	PUSHPLATE - DRIVER'S SIDE	
2	7019	1	PUSHPLATE - PASSENGER'S SIDE	
3	A5417	1	PUSHBEAM ASSEMBLY	
4	5128	2	HEADGEAR BRACE	
5	90601	2	* 1/4 X 1-1/2 COTTER PIN	
6	90575	2	* 1/2 X 1-1/4 (NC) GR.5 CAPSCREW	
7	90210	12	* 1/2 X 1-1/2 (NC) GR.5 CAPSCREW	
8	90572	4	* 1/2 GR.8 FLATWASHER	
9				
10	90364	14	* 1/2 LOCKWASHER	
11	90337	14	* 1/2 (NC) NUTS	
12	90399	1	* M10 X 1.5 X 100 GR. 10.9 CAPSCREW	
13	90464	1	* M10 X 1.5 GR. 10.9 NUT	
14	90420	2	* M10 FLATWASHERS	
15	7079	2	* 3/16 SQUARE WASHER	
16	6920	2	CONNECTING PIN ASSEMBLY	
17	6815	2	CONNECTING PIN W/HANDLE	
18	821	2	* SPRING	
	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	
	7026	1	DASH BRACKET BAG	

FASTENER TORQUE (FT-LB)			
DIAMETER- THREADS PER INCH	GRADE		
			
	G2	G3	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
9/16 - 12	150	250	370
7/8 - 9	150	378	591
1 - 8	220	583	893

1. REMOVE SKID PAN FROM VEHICLE (3 CAPSCREWS). REMOVE THE LOWER OF THE TWO FORWARD STEERING BOX BOLTS (DRIVER'S SIDE) AND THE LOWER OF THE TWO FORWARD STEERING IDLER BRACKET BOLTS (PASSENGER SIDE). SAVE FASTENERS. DRILL OR CUT A 1-7/8" HOLE IN AIR DAM IN LINE WITH BOTH ROUND TUBES ATTACHED TO FRONT CROSSMEMBER.

2. **NOTE:** DURING PUSHPLATE INSTALLATION, LEAVE ALL FASTENERS LOOSE UNTIL INSTRUCTED TO TIGHTEN THEM IN STEP SIX.

PLACE REAR ANGLE OF DRIVER'S SIDE PUSHPLATE (1) AGAINST FRAME AND SECURE WITH THE PREVIOUSLY REMOVED VEHICLE FASTENERS AND AN ADDITIONAL M10 FLATWASHER (14). IF VEHICLE CAPSCREW IS TOO SHORT, SECURE PUSHPLATE WITH AN M10 X 1.5 X 100 CAPSCREW (12), FLATWASHER (14), AND M10 X 1.5 GR. 10.9 NUT (13). PLACE A 1/2 X 1-1/2 (NC) GR.5 CAPSCREW (7) OUT THROUGH HOLE IN PUSHPLATE AND VEHICLE TIE DOWN BRACKET. FASTEN WITH A 1/2 GR.8 FLATWASHER (8), LOCKWASHER (10), AND NUT (11).

3. REPEAT THE ABOVE PROCEDURE FOR PASSENGER'S SIDE PUSHPLATE (2). (A LONGER CAPSCREW IS NOT NEEDED ON THIS SIDE.)

NOTE: ON 1991 VEHICLES, TIE DOWN HOLE AND PUSHPLATE HOLE MAY NOT LINE UP. PUT HEADGEAR AND BRACES ONTO PUSHPLATES, JACK EVERYTHING UP FROM CENTER OF BEAM AND REAM PUSHPLATE HOLE USING TIE DOWN HOLE AS A GUIDE WITH A 1/2" DRILL AND INSTALL FASTENERS.

4. ASSEMBLE CONNECTING PINS (16) TO PUSHBEAM (3). FIRST INSERT SPRINGS (18) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN INSERT CONNECTING PIN (17) 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 PINS (5).

5. INSTALL PUSHBEAM (3) BETWEEN PUSHPLATES. FASTEN BY INSTALLING ONE 1/2 X 1-1/2 (NC) GR. 5 CAPSCREW (7) OUT THROUGH FACE OF PUSHBEAM AND ONE 1/2 X 1-1/4 (NC) GR. 5 CAPSCREW (6) DOWN THROUGH BOTTOM OF PUSHBEAM ON EACH END. INSTALL HEADGEAR (FROM COMMON ATTACHING BOX) TO PUSHPLATES USING TWO 1/2 X 1-1/2 (NC) GR. 5 CAPSCREWS (7), LOCKWASHERS (10) AND NUTS (11). ATTACH HEADGEAR BRACES (4) TO BACKSIDE OF HEADGEAR AND FRONT SIDE OF TABS ON PUSHPLATES. SECURE WITH FOUR 1/2 X 1-1/2 (NC) GR. 5 CAPSCREWS (7), LOCKWASHERS (10) AND NUTS (11).

6. TIGHTEN ALL FASTENERS BEGINNING WITH PUSHBEAM THEN PUSHPLATES, HEADGEAR AND HEADGEAR BRACES.

7. USING HOLE IN CENTER PADS ON PUSHPLATES AS A GUIDE, DRILL A 17/32" HOLE UP THROUGH TUBE ABOVE PUSHPLATES.

NOTE: ON SOME VEHICLES IT MAY BE NECESSARY TO INSERT A 3/16" THICK SQUARE WASHER (15) BETWEEN PUSHPLATES AND TUBE TO PROVIDE ADEQUATE CLEARANCE BETWEEN HEADGEAR BRACES AND BUMPER.

PLACE A 1/2 X 1-1/2 (NC) GR.5 CAPSCREW (7) AND 1/2 GR.8 FLATWASHER (8) IN THROUGH HOLES IN AIR DAM AND DOWN THROUGH TUBE, SPACER (IF NEEDED) AND PUSHPLATES. FASTEN WITH 1/2 LOCKWASHERS (10) AND NUTS (11).

