

1981 - 1983:  
R = remove from vehicle, reuse.




1984:  
MI0x 1.5x50 capscrew (25)

6269

PARTS LIST

AC249 REV C

REF#	PART#	QTY	DESCRIPTION	* PART OF 6811 BOLT BAG
1	5422	1	PUSHPLATE, PASSENGER SIDE	
2	5421	1	PUSHPLATE, DRIVER SIDE	
3	5420	1	HANGER, PASSENGER SIDE	
4	5419	1	HANGER, DRIVER SIDE	
5	5189	1	PUSHBEAM	
6	5024	1	HEADGEAR BRACE, PASSENGER SIDE	
7	5023	1	HEADGEAR BRACE, DRIVER SIDE	
8	5005	4	* 5/8 X 1-1/2 (NC) DRILLED CAPSCREW	
9	90446	4	* 5/8 (NC) CASTELLATED NUT	
10	90012	4	* 3/16 X 1-3/4 COTTER	
11	4289	2	* 3/4 X 1-7/8 MACHINE PIN	
12	90658	2	* 5/32 X 1-1/4 COTTER PIN	
13	90210	7	* 1/2 X 1-1/2 (NC) GR.5 CAPSCREW	
14	90364	15	* 1/2 LOCKWASHER	
15	90337	15	* 1/2 (NC) NUTS	
16	90286	4	* 3/4 X 2 (NC) GR.5 CAPSCREW	
17	90367	4	* 3/4 LOCKWASHER	
18	90345	4	* 3/4 (NC) NUTS	
19	90244	8	* 5/8 X 1-1/2 (NC) GR.5 CAPSCREW	
20	90366	8	* 5/8 LOCKWASHER	
21	90343	8	* 5/8 (NC) NUTS	
22	90214	8	* 1/2 X 1-3/4 (NC) GR.5 CAPSCREW	
23	5458	2	* COMMERCIAL CONNECTING PIN	
24	5194	2	* HAIRPIN COTTER	
25	90395	2	* M10 X 1.5 X 50 GR.8.8 CAPSCREW	
26	90223	2	* 1/2 X 2-1/2 GR.5 CAPSCREW	
	A5871	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 TOW HOOKS FROM FRONT OF TRUCK, SAVE BOLTS & NUTS, INSTALL PUSHPLATE HANGER (3,4) TO FRAME IN SAME LOCATION AS TOW HOOKS USING REMOVED BOLTS, WASHERS & NUTS. IF NO TOW HOOKS OR BOLTS, REMOVE FRONT BUMPER AND BURN (4) RIVET HEADS, PUNCH OUT RIVETS FROM BUMPER HANGER TO FRAME, REPLACE WITH FOUR 1/2 X 1-3/4 GR. 5 CAPSCREWS (22), LOCK-WASHERS (14) AND NUTS (15).

**NOTE:** IF VEHICLE IS EQUIPPED WITH EVAPORATOR CANISTER ON PASSENGER SIDE, USE TWO 1/2 X 2-1/2 (NC) GR. 5 CAPSCREWS (26) IN PLACE OF 1/2 X 1-3/4 GR. 5 CAPSCREWS).

**B.** IF VEHICLE IS EQUIPPED WITH HEAT SHIELD INSIDE OF THE FRAME RAILS, REMOVE THEM AND REINSTALL AFTER PUSHPLATES HAVE BEEN INSTALLED. ON PASSENGER SIDE, REMOVE BOLT HOLDING FUEL LINE CLIP TO FRAME WHERE REAR ANGLE OF PUSHPLATE WILL ATTACH. ON 1984 VEHICLES ALSO REMOVE BOLT HOLDING BRAKE LINE CLIP AND SPACER TO INSIDE OF FRAME. INSTALL PUSHPLATES(1,2) TO OUTSIDE OF FRAME, SPRINGS AND HANGERS. BOLT PUSHPLATES TO HANGERS USING TWO 5/8 X 1-1/2 CAPSCREWS (19), LOCKWASHERS (20) AND NUTS (21) EACH SIDE. DO NOT TIGHTEN. SECURE REAR OF PUSHPLATES TO FRAME WITH ONE 3/4 X 2 CAPSCREW(16), LOCKWASHER(17) AND NUT(18) THRU THE REAR MOST 3/4" HOLE IN REAR ANGLE SECTION OF BOTH PUSHPLATES AND ONE 1/2 X 1-1/2 CAPSCREW(13), LOCKWASHER(14) AND NUT(15) THROUGH THE FORWARD CENTER 1/2" HOLE IN REAR ANGLE SECTION OF BOTH PUSHPLATES. DO NOT TIGHTEN.

**C.** INSTALL PUSHBEAM (5) BETWEEN PUSHPLATES WITH EARS ON BEAM FACING FORWARD. USE TWO 5/8 X 1-1/2 DRILLED BEAM BOLTS (8) AND TWO CASTELLATED NUTS (9) ON EACH SIDE.

**D.** INSTALL HEADGEAR TO PUSHPLATES USING HEADGEAR PINS WITH HEADS ON PINS ON THE OUTSIDE OF PUSHPLATE, SECURE WITH CLICK PINS. TIGHTEN ALL CAPSCREWS AND NUTS INSTALLED THUS FAR. PLACE FOUR COTTER PINS (10) THROUGH BEAM BOLTS AND NUTS, BEND OVER.

**E.** USING THE REMAINING HOLES IN REAR ANGLE SECTIONS OF BOTH PUSHPLATES AS GUIDES, DRILL OR REAM THE REMAINING TWO 3/4" HOLES AND THE FOUR 1/2" HOLES.

**NOTE:** CHECK IN-SIDE OF FRAME IN AREAS TO BE DRILLED TO PREVENT DAMAGE TO ANY LINES OR HOSES.

ON DRIVER'S SIDE INSTALL AND TIGHTEN THE THREE REMAINING 1/2 X 1-1/2 CAPSCREWS(13), LOCKWASHERS(14) AND NUTS(15). ON PASSENGERS SIDE INSTALL 3/4 X 2 CAPSCREW(16), LOCK-WASHER(17) AND NUT(18).

**1981-1983 VEHICLES:** REINSTALL THE VEHICLE FUEL LINE CLIP FASTENER THRU FORWARD 1/2 HOLE & RESECURE FUEL LINE. INSTALL TWO REMAINING 1/2 X 1-1/2 CAPSCREWS(13), LOCKWASHERS(14) & NUTS(15). TIGHTEN ALL BOLTS.

**1984-1986 VEHICLES:** REBEND THE VEHICLE FUEL LINE TO CLEAR PUSHPLATE AND REFASTEN WITH ORIGINAL FASTENER IN ITS ORIGINAL LOCATION. TO REFASTEN SPACER AND BRAKE LINE CLIP, INSERT A M10 X 1.5 X 50 CAPSCREW (25) IN THROUGH THE FORWARD 1/2" HOLE IN PUSHPLATE, FRAME, SPACER AND CLIP. SECURE WITH ORIGINAL NUT INSIDE FRAME.

**F.** INSTALL HEADGEAR (6,7) TO HEADGEAR AND HANGER USING ONE 5/8 X 1-1/2 CAPSCREW (19), LOCKWASHER (20) AND NUT (21) ON EACH END OF BRACE.

**NOTE:** WITH DIFFERENT YEAR, ENGINE, BRAKE AND COOLING OPTIONS, THERE WILL BE VARIATIONS IN PLACEMENT OF FUEL LINE, BRAKE LINES, HEAD SHIELDS AND ASSOCIATED BRACKET BOTH INSIDE AND OUTSIDE PASSENGER FRAME RAIL. ALL THESE VARIATIONS CAN BE OVERCOME BY USING LONGER BOLTS, SLIGHTLY REBENDING LINE AND/OR REDRILLING HOLES IN REAR ANGLE SECTION OF PUSHPLATE.