




6391

REF#	PART#	QTY	DESCRIPTION	* PART OF 8006 BOLT BAG
1	8022	1	PUSHPLATE, DRIVER'S SIDE	
2	8023	1	PUSHPLATE, PASSENGER'S SIDE	
3	5952	1	PUSHBEAM	
4	7996	1	HANGER, PASSENGER'S SIDE	
5	7997	1	HANGER, DRIVER'S SIDE	
6	3954	2	HEADGEAR BRACE	
7	5005	2	* 5/8-11 X 1-1/2 (NC) CAPSCREW, DRILLED	
8	90446	2	* 5/8-11 (NC) SLOTTED NUT	
9	90012	2	* 3/16 X 1-3/4 COTTER PIN	
10	90319	8	* 1/2 FLATWASHER	
11	90572	4	* 1/2 FLATWASHER GR.8	
12	90364	10	* 1/2 LOCKWASHER	
13	90593	4	* 1/2 LOCK NUT (NC) GR.C	
14	90337	10	* 1/2 NUT (NC)	
15	90210	6	* 1/2 X 1-1/2 CAPSCREW (NC) GR.5	
16	90214	4	* 1/2 X 1-3/4 CAPSCREW (NC) GR.5	
17	90218	4	* 1/2 X 2 CAPSCREW (NC) GR.8	
18	90244	4	* 5/8 X 1-1/2 CAPSCREW (NC) GR.5	
19	90366	6	* 5/8 LOCKWASHER	
20	90343	6	* 5/8 NUT (NC)	
21	90323	2	* 5/8 FLATWASHER	
22	90286	2	* 3/4 X 2 CAPSCREW (NC) GR.5	
23	90325	2	* 3/4 FLATWASHER	
24	90367	2	* 3/4 LOCKWASHER	
25	90345	2	* 3/4 NUT (NC)	
26	6920	2	CONNECTING PIN ASSEMBLY	
27	6815	2	CONNECTING PIN WITH HANDLE	
28	821	2	* SPRING	
29	90601	2	* 1/4 X 1-1/2 COTTER PIN	
30	3	1	CONNECTING PIN RELEASE	
31	4289	2	* 3/4 X 1-7/8 MACHINE PIN ZP	
32	90658	2	* 5/32 X 1-1/4 COTTER PIN	
33	90247	2	* 5/8 X 2 CAPSCREW (NC) GR.5	
	7991	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

**IMPORTANT NOTICES:**

1. FISHER ENGINEERING MAKES THE FOLLOWING RESTRICTIONS FOR THIS KIT IN ACCORDANCE WITH FORD MOTOR COMPANY'S MINIMUM RECOMMENDED VEHICLE EQUIPMENT FOR A SNOWPLOW INSTALLATION.

PECULIAR ATTACHMENT GROUP 7115 IS DESIGNED ONLY FOR USE ON THE FOLLOWING VEHICLES:

- A. FORD F350 4WD CAB CHASSIS WITH HEAVY DUTY FRONT SUSPENSION - 5000 POUND FRONT GAWR.
- B. FORD F350 4WD PICKUP WITH GAS ENGINE ONLY AND HEAVY DUTY FRONT SUSPENSION - 4600 LB FRONT GAWR MIN.

2. VEHICLE LOADING REQUIREMENTS.

- A. THE TOTAL VEHICLE CURB WEIGHT MUST NOT EXCEED THE GROSS VEHICLE WEIGHT (GVW) OR CAUSE EITHER THE FRONT OR REAR GROSS AXLE WEIGHT RATING (GAWR) TO BE EXCEEDED. THE GVW AND GAWRS ARE SPECIFIED ON THE SAFETY COMPLIANCE CERTIFICATION LABEL AFFIXED TO THE VEHICLE. THE VEHICLE CURB WEIGHT INCLUDES ALL AFTER MARKET ACCESSORIES, THE SNOW PLOW SYSTEM INCLUDING THE BLADE, THE VEHICLE OCCUPANTS AND THE CARGO.
- B.
  1. NO MORE THAN 63 PERCENT OF THE TOTAL VEHICLE CURB WEIGHT SHOULD BE SUPPORTED BY THE FRONT AXLE.
  2. IF NECESSARY, WEIGHT SHOULD BE SECURELY ATTACHED TOWARD THE REAR OF THE VEHICLE TO OBTAIN THIS BALANCE FOR PURPOSES OF COMPLYING WITH FEDERAL MOTOR VEHICLE HYDRAULIC BRAKING STANDARDS.

- A. 1992-1993: REMOVE AND DISCARD FASTENERS HOLDING SHOCK TOWERS. 1994-19\_\_ : REMOVE AND SAVE FASTENERS HOLDING SHOCK TOWERS.
- B. ON DRIVER'S SIDE, JACK REAR OF LEAF SPRING SO SPRING IS FULLY UNLOADED. INSTALL REAR OF DRIVER'S SIDE PUSHPLATE BETWEEN SPRING & FRAME. INSTALL A 5/8 X 2 CAPSCREW GR.5 (NC) (33) WITH FLATWASHER (21) OUT THROUGH FORWARD HOLE IN FRAME & PUSHPLATE. SECURE WITH 5/8 LOCKWASHER (19) & NUT (NC) (20). ON REAR OF PUSHPLATE, PLACE ONE 3/4 X 2 CAPSCREW (NC) GR.5 (22) AND FLAT WASHER (23) OUT THROUGH FRAME & PUSHPLATE. FASTEN WITH LOCKWASHER (24) & NUT (NC) (25). DO NOT TIGHTEN FASTENERS AT THIS TIME. REMOVE THE TWO FASTENERS FROM BUMPER BRACKET & DISCARD. INSTALL TWO 1/2 X 1-3/4 CAPSCREWS (16) AND FLATWASHERS (10) BACK THROUGH BUMPER BRACKET. INSTALL DRIVER'S SIDE HANGER (5) & SECURE BOLTS WITH TWO 1/2 FLAT WASHERS (10), LOCKWASHERS (12), & (NC) NUTS (14). INSTALL TWO 1/2 X 1-1/2 CAPSCREW (15) OUT THROUGH HANGER AND PUSHPLATE, FASTEN WITH TWO LOCKWASHERS (12), AND NUTS (24).
- C. REPEAT SAME ON PASSENGERS SIDE PUSHPLATE.
- D. ASSEMBLE CONNECTING PINS (26) TO PUSHBEAM. FIRST INSERT SPRINGS

(28) BETWEEN TWO INNER EARS ON EACH PUSHBEAM. THEN, INSERT CONNECTING PINS (27) 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 THE SPRING AND INSTALL COTTER PIN (29).

- E.** INSTALL PUSHBEAM BETWEEN PUSHPLATES AND FASTEN WITH TWO 5/8 X 1-1/2 (7) DRILLED CAPSCREWS AND 5/8 SLOTTED NUTS (8).
- F.** INSTALL HEADGEAR (NOT SHOWN) ON THE FRONT PUSHPLATE PADS AND SECURE WITH TWO 1/2 X 1-1/2 GR 5 (NC) CAPSCREWS (15), LOCKWASHERS (12) AND NUTS (NC) (14).
- G.** INSTALL HEADGEAR BRACES (6), BENT END TO HEADGEAR WITH 5/8 X 1-1/2 (NC) GR.5 CAPSCREWS (18) LOCKWASHERS (19) NUTS (20) (NC). PLACE BRACES IN FRONT OF TAB ON PUSHPLATES AND PLACE 5/8 X 1-1/2 CAPSCREWS (18) FROM BACK OF TAB, SECURE WITH LOCKWASHERS (19) AND NUTS (NC) (20).
- H.** ALIGN HEADGEAR WITH GRILL, TIGHTEN PUSHBEAM BOLTS AND SECURE WITH 3/16 X 1-3/4 COTTER PINS (9). PLACE A JACK UNDER BEAM AND LIFT THE ENTIRE ATTACHMENT ASSEMBLY FIRMLY UP AGAINST FRAME. USE A DRIFT PIN TO HOLD SHOCK TOWER HOLES IN LINE. TIGHTEN 3/4 FASTENER ON BOTH SIDES. NOW TIGHTEN ALL FASTENERS GOING FORWARD. LIFT AND ALIGN BUMPER BEFORE TIGHTENING BUMPER HANGER BOLTS. REAM SHOCK TOWER HOLES WITH 1/2 DRILL. 1992-1993 VEHICLES: INSTALL TWO 1/2 X 2 CAPSCREWS (NC) GR 8 (17) THROUGH SHOCK TOWER AND FRAME, SECURING WITH 1/2 FLATWASHERS GR 8 (11) AND 1/2 STOVER NUTS (NC) (13). 1994-19\_\_ VEHICLES: REINSTALL PREVIOUSLY REMOVE FASTENERS IN SHOCK TOWERS & TIGHTEN.