




6344

REF#	PART#	QTY	DESCRIPTION * PART OF 7066 BOLT BAG
1	7064	1	PUSHPLATE, DRIVER'S SIDE
2	7065	1	PUSHPLATE, PASSENGER SIDE
3	5098	1	PUSHBEAM (25-1/4 OAL)
4	5128	2	HEADGEAR BRACE
5	4289	2	* 3/4 X 1-7/8 MACHINE PIN
6	90658	2	* 5/32 X 1-1/4 COTTER PIN
7	90575	8	* 1/2 X 1-1/4 (NC) GR.5 CAPSCREW
8	90210	4	* 1/2 X 1-1/2 (NC) GR.5 CAPSCREW
9	90337	12	* 1/2 (NC) NUTS
10	90364	12	* 1/2 LOCKWASHERS
11	90244	4	* 5/8 X 1-1/2 (NC) GR.5 CAPSCREW
12	90343	4	* 5/8 (NC) NUTS
13	90366	4	* 5/8 LOCKWASHERS
14	3	1	CONNECTING PIN RELEASE
15	6920	2	CONNECTING PIN ASSEMBLY
16	6815	2	LATCH PIN W/ HANDLE
17	821	2	* SPRING
18	90601	2	* 1/4 X 1-1/2 COTTER PIN ZP
19	7067	4	* SQUARE WASHER
20	90177	2	* 7/16 X 1-1/2 (NC) GR. 5 CAPSCREW
21	90362	2	* 7/16 LOCKWASHER
22	90335	2	* 7/16 (NC) NUT
23	90323	4	* 5/8 FLATWASHER
24	7074	1	AIR BAG KIT
	7068	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:

FORD MOTOR COMPANY DISCONTINUED THEIR BRONCO II/RANGER PACKAGE FOR A SNOWPLOW APPLICATION ON THESE 1989 MODELS. CONSEQUENTLY, THEIR OWNER'S MANUALS NOW STATE THAT THESE VEHICLES ARE NOT RECOMMENDED FOR PLOWING SNOW. HOWEVER, WITH THE ADDITIONAL PRECAUTIONS LISTED BELOW, FISHER ENGINEERING BELIEVES THESE TWO MODELS WILL BE FUNCTIONAL, RELIABLE AND SAFE.

VEHICLE APPLICATION PRECAUTIONS

1. RESTRICTED TO 6-1/2 FOOT HS BLADE.
2. FRONT AIR BAGS REQUIRED FOR SNOW PLOWING.
AIR PRESSURE: SUMMER 20-25 PSI WINTER 35-40 PSI
3. APPROVED ONLY FOR NON-COMMERCIAL PLOWING.
4. WEIGHT ON FRONT AXLE MUST NOT EXCEED 63% OF LOADED VEHICLE WEIGHT. RECOMMENDED COUNTERWEIGHT: 150 lbs. SECURELY FASTEN COUNTERWEIGHT WELL BEHIND REAR AXLE. **DO NOT EXCEED GVW RATING.**

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- A. REMOVE AIR DAM FROM FRONT OF TRUCK. INSTALL AIR BAGS PER INSTRUCTIONS IN AIR BAG KIT (24).
 - B. INSTALL THE DRIVER'S SIDE PUSHPLATE (1) TO THE DRIVER'S SIDE FRAME RAIL AND FASTEN WITH A 1/2 X 1-1/2 GR. 5 CAPSCREW (8) PLACED DOWN THROUGH A HEAVY SQUARE WASHER (19), THE BOTTOM FRAME FLANGE AND THE AFT HOLE OF THE HORIZONTAL PAD ON THE PUSHPLATE. FASTEN WITH A 1/2 LOCKWASHER (10) AND NUT (9) BUT DO NOT TIGHTEN. INSTALL ONE 7/16 X 1-1/2 (NC) GR. 5 CAPSCREW (20) WITH ANOTHER HEAVY SQUARE WASHER (19) DOWN THROUGH THE FRAME AND THE FORWARD HOLE IN THE PUSHPLATE. FASTEN WITH A 7/16 LOCKWASHER (21) AND NUT (22). INSTALL TWO 5/8 X 1-1/2 (NC) CAPSCREWS (11) WITH FLATWASHERS (23) OUT THROUGH THE FRAME AND THE VERTICAL PORTION OF THE PUSHPLATE (LOWER HOLE MAY NEED TO BE REAMED). FASTEN WITH 5/8 LOCKWASHERS (13) AND NUTS (12). INSTALL THE PASSENGER'S SIDE PUSHPLATE (2) IN THE SAME MANNER.
 - C. ASSEMBLE CONNECTING PINS (15) TO PUSHBEAM (3). FIRST INSERT SPRINGS (17) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN, INSERT CONNECTING PIN (16) 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 (18).

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- D. INSTALL THE PUSHBEAM (3) BETWEEN THE PUSHPLATES. SECURE WITH TWO 1/2 X 1-1/4 CAPSCREWS (7), TWO 1/2 X 1-1/2 GR. 5 CAPSCREWS (8), FOUR 1/2" LOCKWASHERS (10) AND NUTS (9). DO NOT TIGHTEN.
 - E. INSTALL THE HEADGEAR (SEE COMMON INSTRUCTIONS) AND HEADGEAR BRACES (4) TO THE PUSHPLATES USING SIX 1/2 X 1-1/4 CAPSCREWS (7), LOCKWASHERS (9) AND NUTS (10).
 - F. AFTER ALL PARTS AND FASTENERS ARE IN PLACE, TIGHTEN ALL FASTENERS IN THE ORDER IN WHICH THEY WERE INSTALLED.
 - G. TO REINSTALL AIR DAM, NOTCH OR CUT INTO THREE SECTIONS AS SHOWN BELOW: