



6496

REF #	PART #	QTY	DESCRIPTION
1	20178	1	Pushplate - Passenger's Side
2	20177	1	Pushplate - Driver's Side
3	7243	1	Hanger - Passenger's Side
4	7244	1	Hanger - Driver's Side
5	7237	2	Head gear Brace
6	5234	1	Pushbeam - 36-1/2
	*A1122	4	Beam Bolt Assembly including:
7	*5005	4	5/8 x 1-1/2 (NC) Gr. 5 Cap Screw
8	*90446	4	5/8 (NC) Castelled Nut
9	*90012	4	3/16 x 1-3/4 Cotter
12	*90244	16	5/8 x 1-1/2 (NC) Gr. 5 Cap Screw
13	*90343	16	5/8 (NC) Nuts
14	*90366	16	5/8 Lock washers
16	*5458	2	Commercial Connecting Pin
19	*90249	4	5/8 x 2-1/2 (NC) Gr. 5 Cap Screw
20	*5194	2	Hairpin Cotter - 1/4 x 5"
	*4289	2	3/4 x 1-7/8 Machine Pin
	*90658	2	5/32 x 1-1/4 Cotter Pin
	A5872	1	Dash Bracket Bag

FASTENER TORQUE (FT-LB)			
DIAMETER- THREADS PER INCH	GRADE		
	⬡ G2	⬢ G5	⬤ 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	86	110	165
5/8 - 11	93	150	225
9/16 - 12	150	250	370
7/8 - 9	150	375	591
1 - 8	220	583	893

\* Part of 20186 Bolt Bag

IMPORTANT NOTICES:

Because of the many variations in Ford F700 and F800 trucks, these few preliminary notes have been included to help simplify the installation of your Fisher snowplow.

1. If your vehicle has a gas engine, the battery and/or associated hardware will have to be removed to install the passenger side pushplate then reinstall in its original location. If your vehicle has a diesel engine, disregard all instructions concerning the vehicle battery
2. Some vehicles have rubber inner fender flaps. If your vehicle is so equipped the fender flaps must be moved while installing pushplates.

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- A.** Remove the top two flat head bolts holding the bumper to the bumper brackets. Install pushplate hangers, driver side (4) and passenger side (3), to bumper just inboard of the large square cutouts using the previously removed bolts. Do not tighten any fasteners at this time.
  - B.** To install driver's side pushplate (2) remove the rear bottom bolt holding front motor mount crossmember to frame. Remove rubber spring bumper from bottom flange of frame. Remove brake line brackets, save fasteners. Slide driver's side pushplate under the truck keeping it outside of hanger, spring, frame and inside of steering box arm and pitman arm with rear angle section over axle.
  - C.** Attach driver's side pushplate to outside of installed hanger with one 5/8 x 1-1/2 cap screw (12) lock washer (14) and nut (13). Pivot rear of pushplate up onto frame and attach by reinstalling rubber spring bumper up through angle section of pushplate and into hole in frame flange that bumper was removed from. Reinstall brake line bracket. Reinstall crossmember bolt removed from step "B". Install two 5/8 x 1-1/2 cap screw (12) into the two top holes in rear angle section of pushplate, through frame and fasten with lock washers (14) and nuts (13). Reinstall brake line clip with original bolt. Install a second 5/8 x 1-1/2 cap screw (12), lock washer (14) and nut (13) through hole in front hanger. Leave all fasteners loose.
  - D.** To install passenger side pushplate (1), first remove brake hose bracket (outside of frame). Remove rubber spring bumper from bottom flange of frame. Remove the rear bottom bolt holding the front motor mount crossmember to the frame. Remove nut from stud holding inner fender flap. Slide passenger side pushplate under truck keeping it outside of pushplate hanger, spring and frame with rear angle section over the axle.
  - E.** Attach passenger side pushplate (1) outside of the installed hanger with one 5/8 x 1-1/2 cap screw (12), lock washer (14) and nut (13). Pivot rear of pushplate up into frame and attach by reinstalling rubber spring bumper up through angle section of pushplate and into hole in frame flange that bumper was removed from. Reinstall brake hose bracket onto outside of angle section, frame and heatshield. Reinstall crossmember bolt removed in step "D". Install a second 5/8 x 1-1/2 cap screw (12) through pushplate hanger and pushplate. Install two 5/8 x 1-1/2 cap screws (12), lock washers (14) and nuts (13) in the top two holes of rear angle section of the pushplate (the heads of these bolts must be on the outside of the angle frame.) Leave all bolts loose.
  - F.** Slide pushbeam (6) between pushplates into beam blocks and attach with four drilled beam bolts (7) and castelled nuts (8) on each end of beam. Leave bolts loose.
  - G.** Place headgear between the two pushplate pivots and install the two #5022 pins from the common attachment kit. Attach headgear braces (5) to headgear and tabs on hangers with four 5/8 x 1-1/2 cap screws (12) lock washers (14) and nuts (13).
  - H.** Finish tightening all fasteners in this order.
    1. Tighten all other cap screws (7) and castelled nuts (8) located on the pushbeam. Secure using one 3/16 cotter pin (9) in each bolt.
    2. Starting at the rear and moving forward, tighten all other fastener and nuts in the pushplates, hangers and headgear.
    3. Using the two remaining holes in the rear angle section of the driver's side pushplate (and passenger side of diesel) as a guide, ream out the holes in the frame. Install and tighten one 5/8 x 1-1/2 cap screw (12), lock washer (14) and nut (13) in each hole.
    4. Reinstall nuts on inner fender flaps. Check all fasteners making sure they are all tight.