




6241

REF#	PART#	QTY	DESCRIPTION * PART OF 6774 BOLT BAG
3	5316	1	PUSHPLATE RAIL, PASSENGER SIDE
4	5315	1	PUSHPLATE RAIL, DRIVER'S SIDE
5	5676	1	PUSHPLATE, PASSENGER SIDE
6	5675	1	PUSHPLATE, DRIVER'S SIDE
7	5317	1	ANGLE BRACE
8	5020	2	HEADGEAR BRACE
9	A1511	1	PUSHBEAM (28-7/8 OAL)
13	90286	2	* 3/4-10 X 2 (NC) GR.5 CAPSCREW
14	90345	2	* 3/4 (NC) NUT
15	90367	2	* 3/4 LOCKWASHER
16	90325	2	* 3/4 FLATWASHER
17	90244	2	* 5/8-11 X 1-1/2 (NC) GR.5 CAPSCREW
18	90343	2	* 5/8 NUT
19	90366	2	* 5/8 LOCKWASHER
20	90323	2	* 5/8 FLATWASHER
21	90210	6	* 1/2-13 X 1-1/2 (NC) GR.5 CAPSCREW
22	90337	18	* 1/2-13 (NC) NUT
23	90364	18	* 1/2 LOCKWASHER
24	90319	4	* 1/2 FLATWASHER
25	90575	10	* 1/2-13 X 1-1/4 (NC) GR.5 CAPSCREW
26	90172	2	* 7/16 X 1 (NC) GR.5 CAPSCREW
27	90335	2	* 7/16 (NC) NUT
28	90362	2	* 7/16 LOCKWASHER
29	5350	2	* 5/8-11 X 2 (NC) DRILLED CAPSCREW
30	90446	2	* 5/8 SLOTTED NUT
31	90012	2	* 3/16 X 1-3/4 COTTER PIN
32	90217	2	* 1/2-13 X 2 (NC) GR.5 CAPSCREW
	4289	2	* 3/4 X 1-7/8 MACHINE PIN
	90658	2	* 5/32 X 1-1/4 COTTER PIN
	5367	2	PLUG
33	6920	2	CONNECTING PIN ASSEMBLY
34	6815	2	CONNECTING PIN W/HANDLE
35	821	2	* SPRING
36	90601	2	* 1/4 X 1-1/2 COTTER PIN
37	3	1	CONNECTING PIN RELEASE
38	5528	1	CYLINDER PROTECTOR
	A5872	1	DASH BRACKET BAG

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 NOTICE:**

**AR259 PECULIAR ATTACHMENTS KIT IS DESIGNED FOR USE ON FORD F-150 AND BRONCO WITH SNOW PLOW PREP PACKAGE ONLY.**

**A.** IF VEHICLE IS SO EQUIPPED, REMOVE SWAY BAR, SWAY BAR BRACKET, RUBBER BUSHING AND U-SHAPED HANGERS FROM VEHICLE FRAME. DISCARD THE BRACKETS BUT SAVE ALL OTHER COMPONENTS AND CONNECTORS FOR LATER USE.

**B.** REMOVE AND SAVE FOR LATER USE THE NUTS AND WASHERS FROM THE METRIC CAPSCREWS ON THE UNDERSIDE OF THE FRAME AT THE TRANSMISSION CROSSMEMBER ON BOTH SIDES OF THE VEHICLE. DO NOT REMOVE METRIC CAPSCREWS.

**NOTE:** DURING THE FOLLOWING STEPS, LEAVE FASTENERS FINGER TIGHT UNTIL ALL COMPONENTS ARE IN-INSTALLED AND THEN TIGHTEN AS DIRECTED.

**C.** REMOVE TWO PLASTIC CLIPS HOLDING THE BRAKE LINE TO THE OUTER-SIDE OF THE FRAME ON THE PASSENGER'S SIDE. PLACE THE PASSENGER SIDE PUSHPLATE RAIL (3) ONTO THE UNDERSIDE OF FRAME WITH THE CENTER HANGER AND REAR HANGER BETWEEN THE BRAKE LINE AND THE FRAME. THE REAR END OF THE PUSHPLATE RAIL IS LOCATED ON THE METRIC CAPSCREW REMAINING AT THE TRANSMISSION CROSSMEMBER. INSTALL THE METRIC NUT TO HOLD THE RAIL IN POSITION.

**D.** REMOVE ONE PLASTIC CLIP HOLDING THE GAS LINE TO THE INSIDE OF THE FRAME ON THE DRIVERS SIDE. PLACE THE DRIVERS SIDE PUSH-PLATE RAIL (4) ONTO THE UNDERSIDE OF THE FRAME WITH THE REAR END LOCATED ON THE METRIC CAPSCREW REMAINING AT THE TRANS-MISSION CROSSMEMBER. INSTALL THE METRIC NUT TO HOLD THE RAIL IN POSITION.

**NOTE:** IF YOUR VEHICLE HAS A SWAY BAR YOU MUST LACE IT THROUGH THE PUSHPLATES (ONE SIDE AT A TIME) AS THEY ARE BEING INSTALLED IN THE FOLLOWING STEPS.

**E.** INSERT A 1/2 X 1-1/2 CAPSCREW (21) OUT THROUGH THE HEADGEAR BRACE TAB ON THE PASSENGER'S SIDE PUSHPLATE (5), THIS CAPSCREW CANNOT BE INSTALLED AFTER PLATE IS IN PLACE. INSERT THE PIPE END OF THE PASSENGER'S SIDE PUSHPLATE INTO THE SOCKET OF THE PASSENGER'S SIDE PUSHRAIL WITH THE TOP OF THE PUSHPLATE TO THE OUTSIDE OF VEHICLE. ROTATE THE PUSHPLATE UP TOWARDS THE FRAME AND NOTE THE TWO HOLES IN THE BOTTOM FLANGE THAT MATCH THE HOLES IN THE PUSHPLATE. LOWER THE PUSHPLATE AND REAM THOSE HOLES TO 17/32". ROTATE THE PUSHPLATE UP TO THE FRAME AND INSTALL TWO 1/2 X 2 CAPSCREWS (32) DOWN THROUGH THE FRAME AND PUSHPLATE. SECURE WITH 1/2" FLATWASHERS (24), LOCKWASHERS (23) AND NUTS (22). ALSO INSTALL ONE 5/8 X 1-1/2 CAPSCREW (17) WITH FLATWASHERS (20) OUT THROUGH THE FRAME AND FORWARD TAB OF PUSH-PLATE. SECURE WITH A 5/8" LOCKWASHER (19) AND NUT (18).

**F.** REPEAT STEP "E" TO INSTALL THE DRIVERS SIDE PUSHPLATE (6) EXCEPT THAT 1/2 X 1-1/2 CAPSCREWS (21) SHOULD BE INSTALLED DOWN THROUGH THE FRAME AND PUSHPLATE.

**NOTE:** IF YOU ARE WORKING WITH A SWAY BAR, REINSTALL THE MOUNTING HARDWARE AT THIS TIME. THE BUSHINGS NOW MOUNT DIRECTLY TO THE PUSHPLATE.

- G.** ASSEMBLE CONNECTING PIN (33) TO PUSHBEAM (9). FIRST INSERT SPRINGS (35) BETWEEN TWO INNER EARS ON EACH SIDE OF PUSHBEAM. THEN INSERT CONNECTING PIN (34) 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 (36).
- H.** PLACE THE PUSHBEAM (9) BETWEEN THE TWO PUSHPLATES AND INSTALL TWO 5/8 X 2 DRILLED CAPSCREWS (29) OUT THROUGH THE PUSHBEAM AND PUSHPLATES. SECURE WITH 5/8" SLOTTED NUTS (30).
- I.** PLACE THE ANGLE BRACE (7) BETWEEN THE PUSHPLATE RAILS AND IN-STALL TWO 1/2 X 1-1/4 CAPSCREWS (25) DOWN THROUGH THE BRACE AND THE MOUNTING TABS. SECURE WITH TWO 1/2" LOCKWASHERS (23) AND NUTS (22).
- J.** PLACE HEADGEAR (FROM COMMON ATTACHMENTS) ONTO MOUNTING PADS ON FRONT OF PUSHPLATES. INSTALL TWO 1/2 X 1-1/4 CAPSCREWS (25) DOWN THROUGH HEADGEAR AND PADS. SECURE WITH 1/2" LOCKWASHERS (23) AND NUTS (22).
- K.** INSTALL THE STRAIGHT ENDS OF THE HEADGEAR BRACES (8) TO THE PREVIOUSLY INSTALLED 1/2" CAPSCREWS IN THE BRACE TABS ON THE INSIDE OF THE PUSHPLATES. FASTEN WITH 1/2" LOCKWASHERS (23) AND NUTS (22). CONNECT THE UPPER ENDS OF THE BRACES TO THE HEADGEAR WITH 1/2 X 1-1/2 CAPSCREWS (21), LOCKWASHERS (23) AND NUTS (22).
- L.** STARTING WITH THE PUSHBEAM AND PROCEEDING TO THE HEADGEAR AND HEADGEAR BRACES AND THEN WORKING FROM THE FRONT OF THE VEHICLE TO THE REAR, TIGHTEN ALL CAPSCREWS AND NUTS. REINSTALL THE WASHERS UNDER THE NUTS HOLDING THE REAR END OF THE PUSHPLATE RAILS TO THE BOTTOM OF THE FRAME. INSTALL 3/16 X 1-3/4 COTTER PINS (31) TO BEAM BOLTS AFTER TIGHTENING SLOTTED NUTS.
- M.** LOCATE THE TWO REMAINING HOLES IN EACH OF THE REAR TABS ON THE PUSHPLATES. USING THESE HOLES AS GUIDES DRILL OUT THE FRAME TO 17/32". INSTALL TWO 1/2 X 1-1/4 CAPSCREWS (25) OUT THROUGH EACH SIDE AND SECURE WITH 1/2" LOCKWASHERS (23) AND NUTS (22) AND TIGHTEN.
- N.** INSTALL A 3/4 X 2 CAPSCREW (13) WITH FLATWASHER (16) OUT THROUGH THE FRAME AND THE PLATE ON THE REAR OF EACH PUSHPLATE RAIL. FASTEN WITH A 3/4" LOCKWASHER (15) AND NUT (14). TIGHTEN.
- O.** LINE THE HOLE IN THE TOP OF EACH OF THE PUSHPLATE RAIL CENTER HANGERS. WITH HOLE IN FRAME, USING THESE HOLES AS GUIDES, REAM THE FRAME TO 15/32". PLACE 7/16 X 1 CAPSCREWS (26) OUT THROUGH FRAME AND HANGERS. FASTEN WITH 7/16 LOCKWASHERS (28) AND NUTS (27). TIGHTEN.
- P.** REINSTALL PLASTIC CLIPS TO HOLD THE GAS AND BRAKE LINES TO THE FRAME ON THE PASSENGER'S AND DRIVER'S SIDE OF VEHICLE.
- Q.** INSTALL CYLINDER PROTECTOR (37) (NOT SHOWN) ONTO BOTTOM OF HEADGEAR WITH FLANGE FORWARD AND POINTING DOWN USING TWO 1/2 X 1-1/4 CAPSCREWS (25), LOCKWASHERS (23) AND NUTS (22).