

MD MOUNT KIT

16061205

FORD RANGER '98-'11+

FORD EXPLORER '95-'01

FORD EXPLORER SPORT '01-'03

FORD EXPLORER SPORTRAC '01-'06






SnowDogg® Snowplow

TRUCK MOUNT INSTALLATION MANUAL

INSTRUCTIONS

- 1.** Remove the front bumper, bumper fasteners, and plastic skid plate. Set aside for later reinstallation. **DO NOT START DRILLING UNTIL CROSSMEMBER BRACKET IS INSTALLED.**
- 2.** Hold the PS Bracket (2) up against the passenger side frame rail, aligning with existing holes using one ½-13 bolt w/handle (6). Secure it with a ½-13 hex nut. Having the bracket held in place, drill out the Ø .531 and secure it with a ½-13 Bolt (7) and a Nut with Handle (11).
- 3.** Using the Bracket as a template, drill two more Ø .531 holes in the bottom and secure it with two ½-13 Bolts (7) and two Nuts with Handle (11). Note*: Pre-existing holes are too small and must be drill to size.
- 4.** Repeat steps 2-3 above for DS Bracket (3).
- 5.** Mount the Pushbar (1) in place between the two side plates using eight ½-13x1-1/2 Hex Head Cap Screws, Locknuts. For 2009+ Model, install two additional push mount spacer plates (13). The centerline of the pushbar crosspin should be approximately 9-1/2" from the ground. Improper mounting height will result in uneven cutting edge wear.
- 6.** Install the Cross Member Bracket (4) to the Pushbar using four ½-13x1-1/2 Hex Head Cap Screws and Locknuts.
- 7.** Secure the Cross Member Bracket to the vehicle cross member using the Single Weld Nut Plate (8) and ½-13 x 1-1/2 Hex Head Cap Screw, and Dual Weld Nut Plate (9) and two ½-13 x 2 Hex Head Cap Screws.
- 8.** Torque all fasteners as shown in the chart. Check and retorque all fasteners after 5 hours of usage to ensure safe plow operation.
- 9.** It may be helpful to route the plow and light control harnesses at this point prior to bumper reinstallation.
- 10.** Reinstall the bumper/air dam assembly and skid plate. The bumper/air dam and skid plate may need to be altered or omitted for reinstallation.

Recommended Fastener Torque Chart (ft.-lb.)			
Size	 SAE Grade 2	 SAE Grade 5	 SAE Grade 8
1/4-20	6	9	13
5/16-18	11	18	28
3/8-16	19	31	46
3/8-24	24	46	68
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
Metric Grade 8.8 (ft.-lb.)			
Size	Torque	Size	Torque
M6	7	M12	60
M8	17	M14	95
M10	35	M16	155
These torque values apply to fasteners except those noted in the instruction.			

WARNING

- DO NOT under any circumstances disable, remove or relocate any sensors or components related to the operation of the air bags.
- Always follow the vehicle manufacturers' recommendations relating to snowplow installation.
- To comply with Federal Regulations and to assure a safe vehicle, the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) must not be exceeded at any time.
- Due to the variety of equipment that can be installed on this vehicle, it is necessary to verify that the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) are not exceeded at any time. This may require weighing the vehicle and adding ballast as necessary. It may also limit payload capacity of the vehicle. It is the operator's responsibility to verify that these ratings are not exceeded.

CAUTION

- Read all instructions prior to assembly
- It is critical that all fasteners be properly torqued for safe plow operation – see chart above.
- Fasteners should be retorqued after 5-8 hours of plow use

FULL ONE-YEAR WARRANTY

Manufacturer will repair, or at manufacturer's discretion will replace any part of this snowplow which proves to be defective in workmanship or material under normal use for a period of one year from the date of delivery to the original purchaser. Any cost incurred in returning the product to the supplier is the responsibility of the consumer.

EXCLUSIONS

Manufacturer shall not be liable for special, incidental, or consequential damages, or for damages resulting from lack of necessary maintenance, from misuse, abuse, acts of God, or alteration of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.