

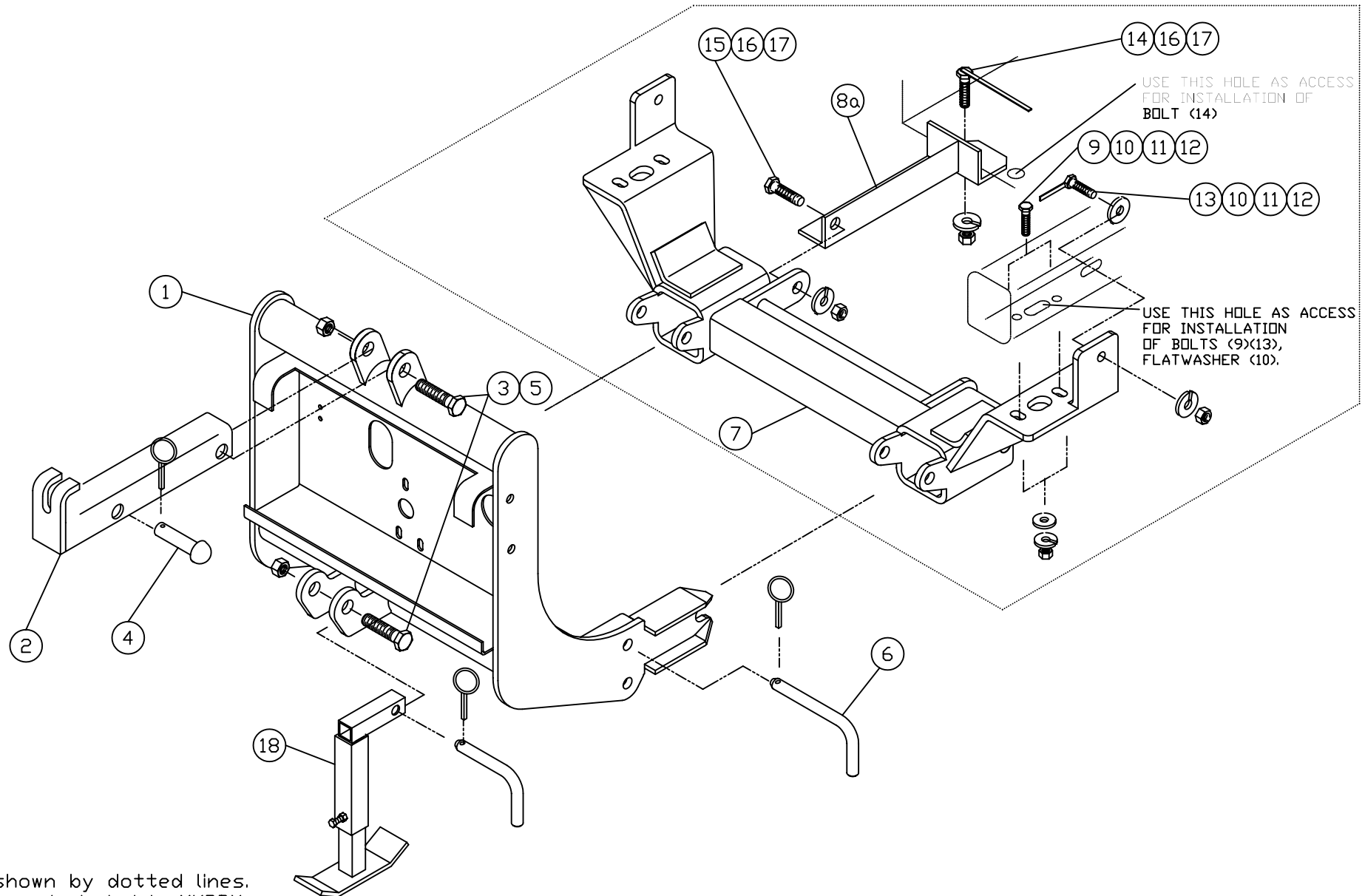
MOUNTING KIT

Explorer (4x4) (2002 - 2006)

52703-MKPBX

MOUNTING KIT

52703-MKPBX



Arctic Equipment Manufacturing Corporation

Mounting kit 52703-MKPBX

52703-MKPBX R08

INST0044

Mounting Kit 52703-MKPBX				
Item	Part #	Description	MKPBX	X-MKB
1	52638-D	Lift Frame		1
2	50069-C	Lift Channel		1
3	HH-00972-153	3/4"x3 1/2" UNF Capscrew	2	
4	52757-M	Rivet Ass'y (rivet & lynch pin)		1
5	HH-00973-007	3/4" UNF Thin Collar Locknut	2	
6	1302045	Pin assembly		2
7	52704-D	Mounting Bracket	1	
8*	52708-01-B	Thrust Arm Driver Side 12 7/8"	1	
8a	52708-02-B	Thrust Arm Curb Side 12 7/8"	1	
9	HH-00972-091	1/2"x1.3/4" UNF Capscrew	4	
10	HH-00341-006	1/2" Flatwasher	6	
11	HH-00457-001	1/2" Lockwasher	6	
12	HH-00460-002	1/2" UNF Hex Nut	6	
13	52575-A	1/2" bolt with welded handle	2	
14	52575-01-A	5/8" bolt with welded handle	2	
15	HH-00972-129	5/8" x 1 3/4" UNF Cap Screw	2	
16	HH-00457-003	5/8" Lock washer	4	

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Item	Part #	Description	MKPBX	X-MKB
17	HH-00460-001	5/8" Hex Nut	4	
18	52671-M	Jack Assembly (with lynch pin)		1
19*	HH-00293-006	1/4"x1" UNC Cap screw	4	
20*	HH-00294-001	1/4" Hex Nut	4	
21*	HH-00457-006	1/4" Lock washer	4	
22*	50999-B	Blade Guides		1

Note: * These items are not shown on the drawing.

GENERAL

Customer must be aware of following:

Arctic Equipment Manufacturing Corporation (Arctic) does not assume liability for damage to your motor vehicle resulting from the attachment or use of an Arctic snowplow. The purchaser assumes all vehicle risk associated with the attachment and operation of this snowplow.

The Arctic snowplow you purchase must be used only on vehicles equipped with the manufacturer's snow plow preparation package. Snow plowing without the original plow preparation package may damage your vehicle. The added weight may impair the operation and control of your vehicle. Snow plowing with a vehicle not recommended for that purpose by the manufacturer may void your new vehicle warranty. If your vehicle is not equipped with an original snow plow preparation package, additional equipment may be necessary before snow plowing. Please consult your vehicle and snowplow dealers prior to the purchase and installation of the snowplow. The installation of such parts however is not a full substitute for the original equipment snowplow preparation package.

Before drilling any holes in the firewall or frame, move brake lines, fuel lines and/or electrical wiring from the path of the drill. Brake and fuel lines must also be clear of any fasteners.

All bolts should be installed from the inside of the truck frame so that the lock washers and nuts are accessible for re-tightening (where it is possible).

If a slotted hole in the truck frame is utilized, then a flat washer must be used under the bolt head. If a flat washer is used under a lock washer use LOCTITE #242. Also use LOCTITE #242 if existing (vehicle) bolts and nuts are used.

General order of installation:

- install all components (mounting bracket, thrust arms) and all fasteners finger tight (snug) through existing holes,
- drill necessary holes and
- tighten all hardware.

After first use, re-tighten all mounting bolts, thereafter check mounting bolt tightness periodically and at the start of the season.

For easier installation, grind only the paint out of the top holes of the mounting bracket and the top hole of the lift frame, where the mounting pins will go.

Before proceeding, read instructions carefully and familiarize yourself with the components and hardware.

INSTALLATION INSTRUCTIONS

1. DO NOT REMOVE bumper from truck. Remove air dam on the bottom of bumper.
2. Install mounting bracket (7) using four ½" bolts (9) , ½" flat washer (10), ½" lock washer (11) and ½" nut (12). Finger tighten the fastener so that the mounting bracket (7) is snug, up against the vehicle frame.
Insert ½" bolt with welded handle (13) and ½" flat washer (10) through the side of the vehicle frame and mounting bracket.
Fasten this bolt with ½" lock washer (11) and ½" nut (12).
Note: If there is difficulty to install (insert) ½" bolts and flat washer open slotted hole in the vehicle frame 1/6" per each side in order to fit bolt or flat washer.
3. Using 5/8" bolt (15), 5/8" lock washer (16) and 5/8" nut (17) attach thrust arm (8)(8a) to the mounting bracket lug. (See drawing for correct orientation). Insert 5/8" welded bolts bolt (14) through hole on the bottom of cross member and attach thrust arm to the bottom of cross member using 5/8" lock washer (16) and 5/8" nut (17). (Holes in cross member may be enlarged to fit 5/8" bolt)
4. Torque all fasteners using torque chart.
5. Install lift frame (1). Slide lift frame (1) inside of mounting bracket (7). Insert mounting pin (6) in top holes of the mounting bracket (7).
6. Fasten lift channel (2) and lift cylinder to the lift frame (1) using 3/4"x3 1/2" bolts (3) and 3/4" locknut (5). Use 3/4" rivet and lynch pin to attach lift cylinder (lift cylinder needs to be installed after power unit is installed). NOTE: Do not over tighten as this assembly must be able to pivot.
7. Torque all fasteners according to torque chart.
8. Use 1/4"x1" bolt (19), 1/4" lock washer (21) and 1/4" hex nut (20) to fasten blade guides to plow.
9. Return any unused items to the customer so that the vehicle can be returned to its original condition if the snowplow is removed.

10. See separate installation instructions for the hydraulic pump, wiring and controls.

TORQUE CHART (FT. LB.)		
SIZE	GRADE 5 BOLT 	GRADE 8 BOLT 
$\frac{1}{4}$ - 28	8	11
$\frac{5}{16}$ - 24	15	22
$\frac{3}{8}$ - 24	28	40
$\frac{7}{16}$ - 20	44	63
$\frac{1}{2}$ - 20	69	97
$\frac{5}{8}$ - 18	138	195
$\frac{3}{4}$ - 16	241	341
Note: Torque values are for plated bolts only		