

## Mounting Kit 52204-MKPB-QLIV

F150 4x4 1992-1996

F250 4x4 1992-1998

F350 SRW 4x4 1992-1998

F350 DRW 4x4 1992-1998

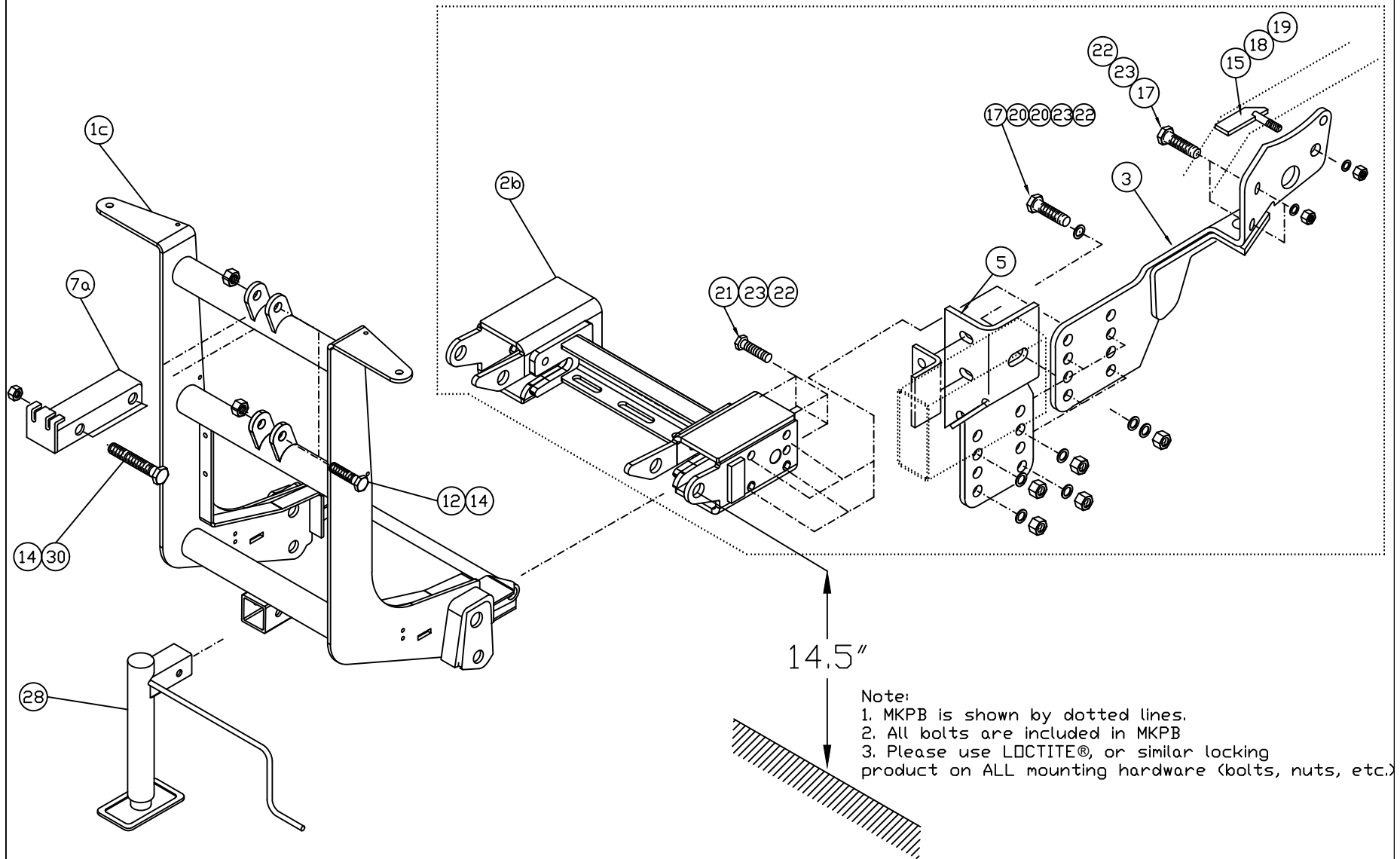
F450 DRW 4x2 1992-1998

F550 DRW 4x2 1992-1998

For the snow plow lights this kit requires:

800084, 800085 or 800086 light kit,

53617-M wiring kit and 767052 Adapter Kit (vehicle's headlamp bulb H9007)



Item	Part #	Description	Quantity
1a*	53170-D-GA	Lift Frame QUIK*LINK® II- low mount	1
1b*	53171-D-GA	Lift Frame, QUIK*LINK® II-Hi boy	1
1c	53517-D	Lift Frame, QUIK*LINK® IV-Hi boy	1
1d*	53564-D	Lift Frame, QUIK*LINK® IV- low mount	1
2a*	52363-C	Spreader Bar QLII	1
2b	53551-C	Spreader Bar QLIV	1
3	52207-01-B	Thrust Arm Driver Side	1
4*	52207-02-B	Thrust Arm Curb Side	1
5	52203-01-B	Mounting Bracket Driver Side	1
6*	52203-02-B	Mounting Bracket Curb Side	1
7*	50069-C-GA	Lift Channel (1 ½" cylinder)	1
7a	52612-B	Lift Channel (2" cylinder)	1
8a*	52348-M	Mounting Pin Ass'y	2
10*	52208-B-GA	Light Brace	2
11*	52209-B-GA	Light Antler	1
12	HH-00972-153	3/4"x3.1/2" UNF Cap screw	2
13*	HH-00972-149	3/4"x2.1/2" UNF Cap screw	1
14	HH-00973-007	3/4" UNF Thin Collar Locknut	3
15	52096-A	Thrust Arm Fastener	2
16	HH-00972-090	½"x1.1/2" UNF Cap screw	6
17	HH-00972-129	5/8"x1.3/4" UNF Cap screw	6
18	HH-00460-002	½" UNF Hex Nut	8
19	HH-00457-001	½" Lock washer	8
20	HH-00341-008	5/8" Flat washer	4

Item	Part #	Description	Quantity
21	HH-00972-132	5/8"x2.1/2" UNF Cap screw	8
22	HH-00460-001	5/8" UNF Hex Nut	14
23	HH-00457-003	5/8" Lock washer	14
24*	HH-00293-006	1/4"x1" UNC Cap screw	4
25*	HH-00294-001	1/4" Hex Nut	4
26*	HH-00457-006	1/4" Lock washer	4
27*	HH-00341-002	1/4" Flat washer	4
28	52373-M	Jack Assembly	1
29*	50999-B	Blade guides	2
30	HH-00972-155	3/4" x 4" UNF Cap screw	2
31*	52204-M-WB	52204 Bolt Bag c/w welded bolts	-

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**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 packages. 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.

If a slotted hole in the truck frame is utilized, 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 this LOCTITE #242 if existing (vehicle) bolts and nuts are used.

Do not tighten any bolt assemblies until all fasteners and components are installed, unless otherwise specified.

**After first use, re tighten all mounting bolts**, thereafter check mounting bolt tightness periodically.

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

### INSTALLATION INSTRUCTIONS

1. Remove the bumper and store it in a safe place, so that it does not get damaged.
2. Install thrust arms (3), (4). Insert thrust arm fasteners (15) into available slots on the truck frame. Fasten the thrust arm (3), (4) with ½" hex nut (18) and ½" lock washer (19). **DO NOT TIGHTEN.**
3. Install mounting brackets (5), (6). Insert ½"x1.1/2" bolts (16) through the bumper mounting angle and mounting bracket. Finger tighten only, as these are only to keep the bumper mount holes aligned and will be removed when reinstalling the bumper. Insert 5/8"x1.3/4" bolts (17) and flat washers (20) from inside frame through mounting bracket. Secure with 5/8" flat washer, lock washer and hex nut (20), (23), (22). Apply LOCTITE #242 on a 5/8" bolt.
4. Install spreader bar (2b), between the thrust arms (3), (4). Fasten using 5/8"x2.1/2" bolt (21), 5/8" hex nut (22) and 5/8" lock washer (23). The spreader pin hole should be located 14-1/2" (+/- ½"). **DO NOT TIGHTEN.**
5. While pushing up on the thrust arms (3), (4) so that they are tight against the bottom of the truck frame, tighten all the fasteners except those noted in #3.
6. Locate and drill two 21/32" holes on each side of the frame using the thrust arms (3), (4) as guides.  
NOTE: Some models may have a second set of slots in this location. Feed 5/8"x1.3/4" bolts (17) in through the frame using wire and fasten with 5/8" hex nut (22) and lock washer (23).
7. Torque all fasteners according to torque chart. Remove temporary ½"x1.1/2" bolts in mounting brackets and reinstall bumper.

8. Install lift frame (1c). Slide lift frame (1c) inside of spreader bar (2b).
9. Torque all fasteners according to torque chart.
10. Install lift channel (7a) and lift cylinder (or power unit).  
Use 3/4"x3.1/2" bolts (12) and 3/4" thin collar locknut (14) at lift frame (1c) connection.  
Use 3/4"x 4" bolt (30) and 3/4" thin collar locknut (14) at cylinder and lift channel (7a) connection.  
*NOTE: Do not over tighten as this assembly must be able to pivot.*
11. Use 1/4"x1" bolt (24), 1/4" hex nut (25), 1/4" flat washer (27) and 1/4" lock washer (26) to fasten blade guides to plow.
12. Return any unused items to the customer so the vehicle can be returned to its original condition once the snow plow is removed.
13. See separate installation instructions for the hydraulic pump, wiring and controls.

Torque Chart (Ft. Lb)		
Size	Grade 5 Bolt	Grade 8 Bolt
1/4 - 28	8	11
5/16 - 24	15	22
3/8 - 24	28	40
7/16- 20	44	63
1/2- 20	69	97
5/8- 18	138	195
3/4-16	241	341
Note: Torque values are for plated bolts only.		