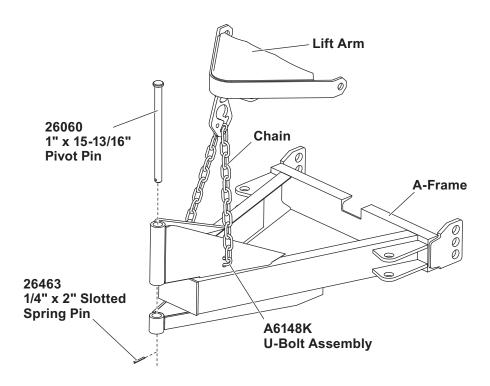
December 1, 2009 Lit. No. 27639, Rev. 02

A-FRAME KITS

7-1/2', 8', 8-1/2' and 9' M Series Blades

PARTS LIST



	27597	A-Frame Kit – RD/HD/X	
Part	Qty	Description	
*	1	A-Frame, RD/HD	
8565	1	5/16 x 96 Chain	
26088	1	Bolt Bag	
*available as part of service kit only			

		26088 Bolt Bag	
Part	Qty	Description	
*	2	3/8-16 U-Bolt	
26463	1	1/4 x 2 Slotted Spring Pin	
91203	4	3/8 Spring Lock Washer	
91413	4	3/8-16 Hex Nut G5	
26060	1	1 x 15-13/16 Pivot Pin	
*available as part of service kit only			

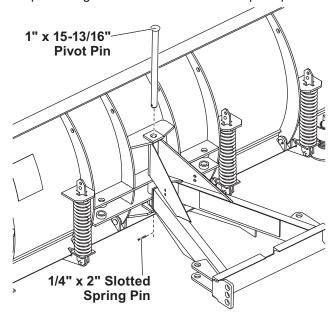
27598 A-Frame Kit – RD/HD M				
Part	Qty	Description		
*	1	A-Frame, RD/HD		
8555	1	5/16 x 108 Chain		
26088	1	Bolt Bag		
*available as part of service kit only				

A6148K U-Bolt Assembly				
Part	Qty	Description		
90543	1	3/8-16 U-Bolt G5		
91203	2	3/8 Spring Lock Washer		
91413	2	3/8-16 Hex Nut G5		
*available as part of service kit only				

INSTALLATION INSTRUCTIONS

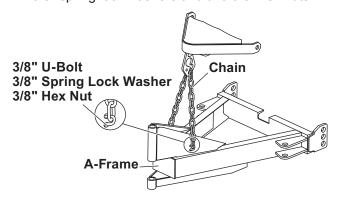
A-Frame to Blade

1. Insert a 1" x 15-13/16" pivot pin down through the blade and A-frame. Install a 1/4" x 2" slotted spring pin through the hole in the bottom of pivot pin.



Attaching the Chain

2. Install a 3/8" U-bolt through an end link in the lift chain. Attach the U-bolt and chain to the two holes on the passenger side of the A-frame with two 3/8" spring lock washers and two 3/8" hex nuts.



- Measure from the opposite end approximately 32" and install the second U-bolt to the driver side of the A-frame through the stop link (MM2) or pear link (MM). Set the chain so that, when the blade is raised, the A-frame hits the cross member just before the lift cylinder is fully extended. The lift cylinder should extend 10".
- Adjust the chain from the driver side of A-frame, if needed, and tighten the U-bolts. Torque 3/8" fasteners to 31 ft-lb. Cut the excess chain (MM2) or hook the loose end of the chain in the chain plate on headgear upright (MM).

A-Frame to Headgear/Lowergear

- 5. Align the holes in the headgear/lowergear with the holes in the A-frame pushears and insert the step pins (MM2) or 1" x 3-5/16" pins (MM) as follows:
- For 27597 only: Align the middle hole in the A-frame pushears with the holes in the lowergear and insert the pins from inside to outside. (This A-frame will not work with the MM2 system.)
- 7. **For 27598 only:** Align the middle hole in the A-frame pushears with the holes in the lowergear and insert the pins from outside to inside.
- 8. Secure pins with two 1/4" x 1-1/2" cotter pins.

Leveling the A-Frame

- 9. Attach the snowplow to the vehicle according to the installation decal located either in the upper left-hand corner on the back of the blade or on the driver side of the crossmember on the MM2 headgear.
- 10. With the snowplow attached to a properly ballasted vehicle and the blade lowered to the ground, the A-frame should be parallel with the ground. If the A-frame is not parallel to the ground, correct it by changing the location of the pins from the middle holes in the A-frame pushears to the top or bottom holes accordingly. Raise the blade and ensure proper ground clearance.

MM = Minute Mount®

MM2 = Minute Mount® 2

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