



Customer Service Bulletin Commercial Business Group

Reelmaster® 6500-D and 6700-D

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	03800/ 03800TE	50001-70225
	03801/ 03801TE	50001-70233
	03802/ 03802TE	60001-70267

Subject: Worn frame hole for Lift Arm Pivot Pins.


If the Lift Arm Pivot Pins do not receive adequate lubrication, the Lift Arm bushings may seize to the Pin and force the Pin to rotate as the Lift Arm raises and lowers. Should this occur, excess Lift Arm movement, Pivot Pin retainer damage and frame mounting hole wear may result.

Pivot Pin Kit (98-2435) is now available for repair of a worn frame-mounting hole. This kit includes a longer replacement Pivot Pin, a reinforcing mounting plate and a reinforcing washer that is welded over the worn holes in the frame sections. Pivot Pin Kit (98-2435) is available through your local Toro distributor. Installation instructions are included with each Kit.

Note:

Pivot Pin Kit (98-2435) can be used to repair all cutting unit Lift Arm frames except #1 (front center)

FORM NO. 3319-703 Rev. A

	PART NO. 98-2435	INSTALLATION INSTRUCTIONS
PIVOT PIN KIT For Reelmaster 6500D/6700D Model No. 03800 Serial No. 50001-70225 Model No. 03800TE Serial No. 50001-70113 Model No. 03801 Serial No. 50001-70233 Model No. 03801TE Serial No. 50001-70156 Model No. 03802 Serial No. 50001-70267 Model No. 03802TE Serial No. 50001-70185		

Note: Use procedure on all lift arms except for front center (#1).

1. Position machine on a level surface, lower the cutting units, stop the engine, engage the parking brakes and remove key from ignition switch.
2. Disconnect negative battery cable from battery post.
3. While supporting lift arm (so it does not drop) remove capscrew, flat washers and pivot pin securing lift arm to frame (Fig. 1). Discard capscrew, flat washers and pivot pin.

NOTE: If washers or bushings are to be replaced, do it at this time.

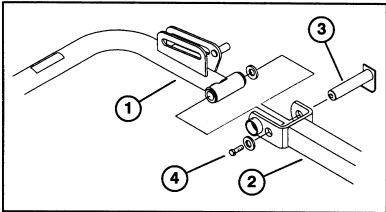


Figure 1
1. Lift arm
2. Frame
3. Pivot pin
4. Capscrew & washer

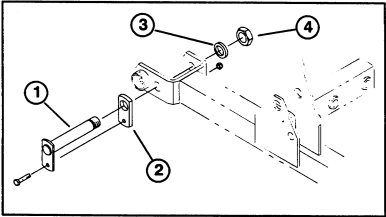


Figure 2
1. Pivot pin
2. Frame plate
3. Frame washer

4. Insert a frame plate onto new pivot pin (Fig. 2).
5. From front of frame, insert pivot pin through frame members and lift arm (Fig. 2).
6. Insert frame washer onto pivot pin and loosely secure with locknut.
7. Push up on lift arm to assure pivot pin is level in frame.
8. Make sure area to be welded is clean.
9. Tack frame plate and washer to sides of frame. Use caution when welding near locknut as nylon insert may be damaged.
10. Remove locknut.
11. Weld top of frame plate to side of frame and back of frame plate to bottom edge of frame. Do not weld sides of frame plate.
12. Weld sides of frame washer to side of frame plate.
13. Paint frame plate and washer to prevent corrosion.
14. Secure pivot pin to frame plate with flange head screw and nut.
15. Install locknut onto pivot pin. Tighten locknut sufficiently to remove pivot pin freeplay. Over tightening will cause binding of lift arm in frame.
16. Grease all lift arm pivot points.
17. Repeat procedure on other lift arms, if required.
18. Re-connect battery cable to battery.