

Service Bulletin

Machinery Affected: *RoofGlider*® Press
Document: SB177
Title: Replacing a Joystick Flex Shaft
Applies To: All *RoofGlider* Presses with a Joystick



Copyright © 2006 MiTek®. All rights reserved.

MiTek
301 Fountain Lakes Industrial Drive
St. Charles, MO 63301
phone 800-523-3380
fax 636-328-9218
www.mii.com

Date Created	10/02/06
Created By	R. Widder
Reviewed by	R. Tucker
Approved by	G. McNeelege
Manuf. Eng.	K. Schuermann
Applicability	82700-501(?)V
Effectivity	All with joystick

Purpose and Scope

It may become necessary to replace the joystick flex shaft. This Service Bulletin provides directions for replacing the shaft.

Overview

The parts included in this kit are shown in Table 1. Please ensure all parts are present before starting this procedure.

Table 1: SB177KIT


Qty.	Part Description	Part #
1	Service Bulletin 177	SB177
1	Joystick flex shaft kit	513855

If you have any questions, call MiTek Machinery Division Customer Service at 800-523-3380.

Procedure



Electrical Lockout/Tagout Procedures


WARNING	
	<p>ELECTROCUTION HAZARD!</p> <p>Verify that all power to the machine has been turned off and follow approved lockout/tagout safety procedures before performing any maintenance.</p> <p>All electrical work must be performed by a qualified electrician.</p> <p>If it is absolutely necessary to troubleshoot an energized machine, follow NFPA 70E for proper procedures and personal protective equipment.</p>

Before performing maintenance on any machine with electrical power, lockout/tagout the machine properly. When working on a machine outside of the machine’s main electrical enclosure, not including work on the electrical transmission line to the machine, follow your company’s approved lockout/tagout procedures which should include, but are not limited to the steps here.

1. Engage an E-stop on the machine.

- Turn the disconnect switch handle on the machine's main electrical enclosure to the "off" position. See Figure 1..

Figure 1: De-Energizing Electrical Power at the Machine's Disconnect Switch

WARNING	
	<p>ELECTROCUTION HAZARD.</p> <p>When the disconnect switch is off, there is still live power within the disconnect switch's enclosure. Always turn off power at the building's power source to the equipment before opening this electrical enclosure!</p>



- Attach a lock and tag that meets OSHA requirements for lockout/tagout.

Replacing the Joystick Flex Shaft

- Remove the screw that holds the handle cap in place. See Figure 2.

Figure 2: Remove Screw



- Unscrew the cap and remove the existing flex shaft.
- Insert the new flex shaft.
- Slowly screw on the pushbutton cap. If the flex shaft is the correct length, the pushbutton will fit tightly in the cap.

5. If you are unable to fully tighten down the cap, the flex shaft is too long. Grind off one tip of the flex shaft in increments of 1/32 in. until the proper length is achieved.



In most cases, it will not be necessary to grind the flex shaft tip.

END OF SERVICE BULLETIN