



TSB-Z-Motor-Fix

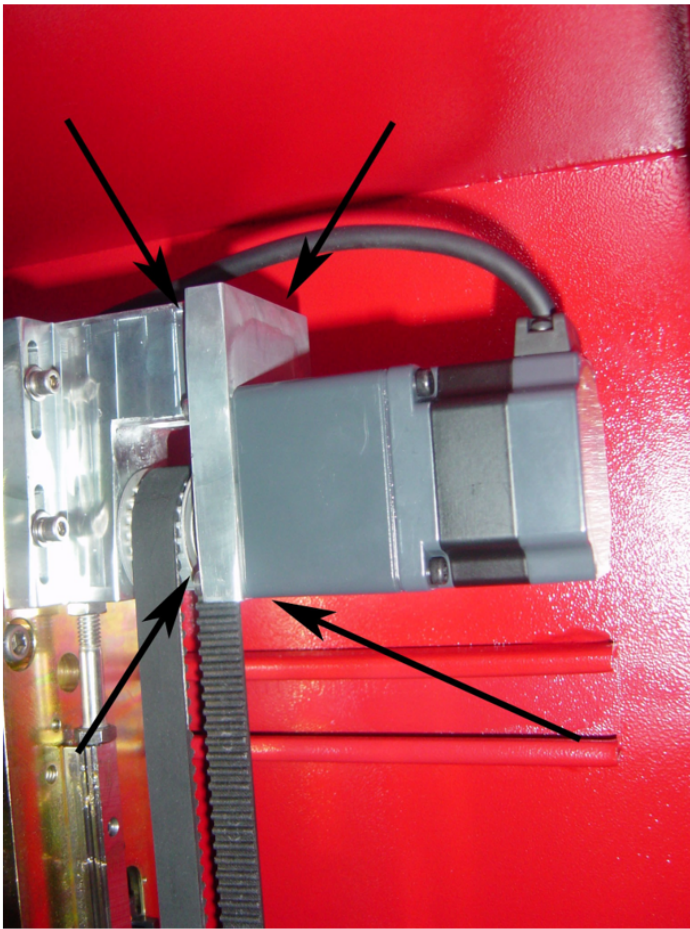
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SUBJECT: Z-Motor Fix	Bulletin Number: 01-0000
	Date Issued: 7-21-05

Description:

Z Motor lifts the picker up and down. In some cases the motor will run and the picker will not move. In this case the shaft has broken free.

Diagram 1.1



Machines experiencing this problem should be repaired using the following repair procedure

Repair Procedure

1. Determine if the motor runs without moving the picker, Open Proteus (Start Programs Proetus, Select Proteus IPE>> Select Tools>>Select Control
2. Check the Y-axis making it active within the program
3. Select>> 2000 in the Y-axis field, Select>> INC+ and notice in the status for Y-Axis if it displays "constant" or "accelerating" without moving the picker
4. Loosen and remove the screws holding the motor to the plate (diagram 1.1)
5. Pull out Motor (Take caution as not to pull too hard)
6. Thoroughly clean the motor shaft and receptacle for the shaft with Alcohol and Q-tips
7. Dry completely
8. Apply an ample amount of LOCTITE to the shaft and receptacle

9. Re-insert motor
10. Replace screws and tighten down
11. Let cure for 30-40 minutes before turning machine on and testing

Part(s) Information

Part Number	Description	Quantity	Notes

Required Tool(s)

Tool	Description	Quantity	Notes
Hex Tools		1	
Isopropyl Alcohol	Cleans surface	1	
Loctite 623	Used to glue shaft of the motor	1	

