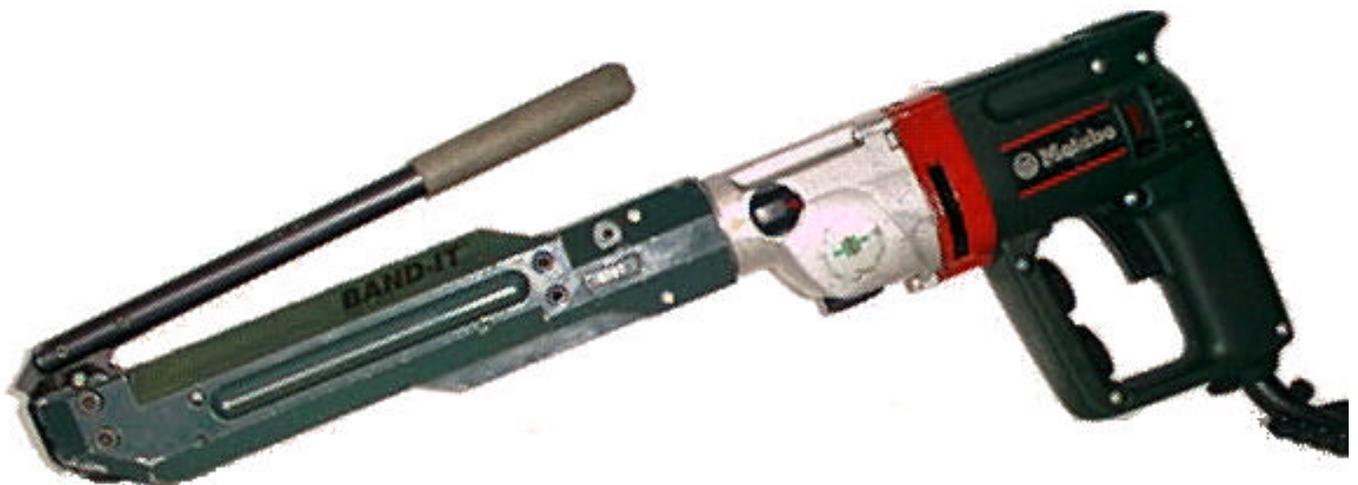


UL9000

Instructions for Disassembly and Maintenance



UL9000 Disassembly and Maintenance Instructions

Text in blue indicates instruction is for preventative maintenance.

1. Be sure that the tool gripper assembly is fully advanced toward the head before beginning disassembly.



Figure 1

2. Remove the two silver socket head screws (M05787) at the base of the tool body. Remove the drill from the tool assembly.

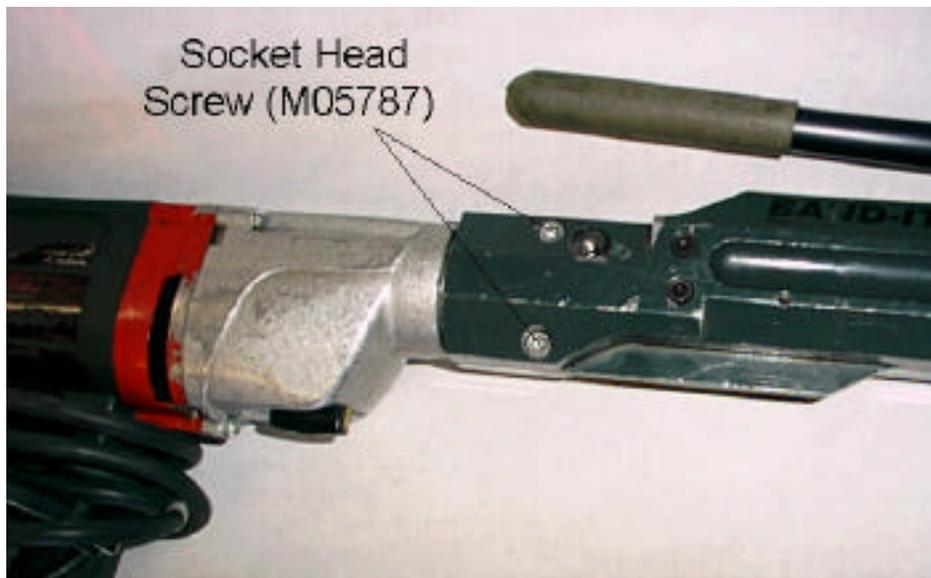


Figure 2

3. Remove the four socket head screws (M02587) from the head of the tool.

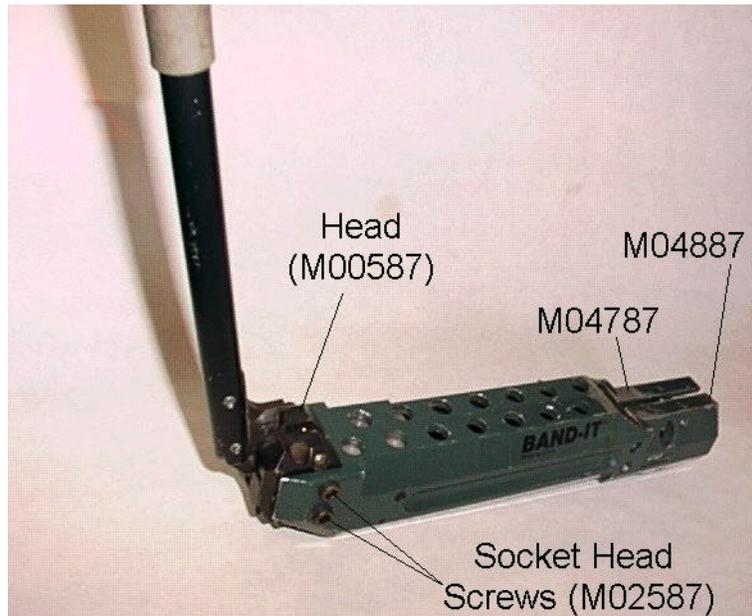


Figure 3

4. Remove the tool head and gripper assembly from the tool body taking care not to lose the bearing tip (M05387), tungsten carbide ball (M06587), or load bearing tip. (M02287).

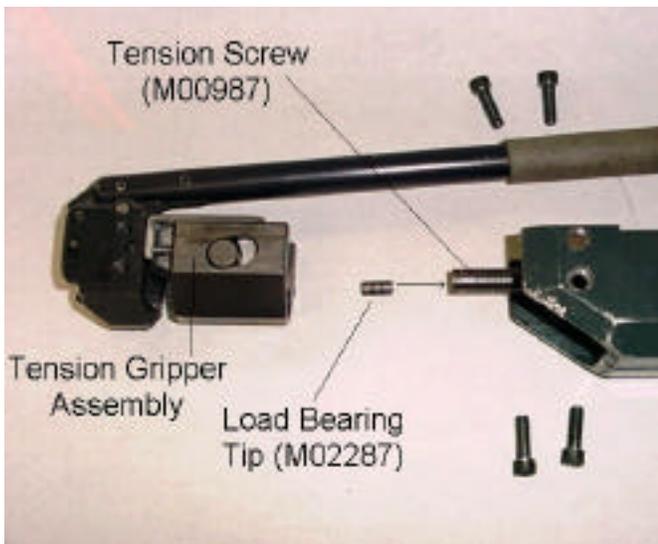


Figure 4a



Figure 4b



Figure 4c

5. Remove the gripper pin (M01187) from the gripper assembly by pushing on both sides of the assembly as shown in the figure below. Use caution as springs tend to fly from the assembly. Replace springs (A27787) if deformed.



Figure 5a



Figure 5b

6. Clean the gripper assembly and pin of any debris, **using caution not to get any grease or oil on the gripper pin**. Reassemble the gripper assembly taking care to fit the springs in their respective holes.

7. Remove knife (M00687) by pushing pin (M01388) out the side of the head assembly, using caution not to lose cut-off roller (M00287).

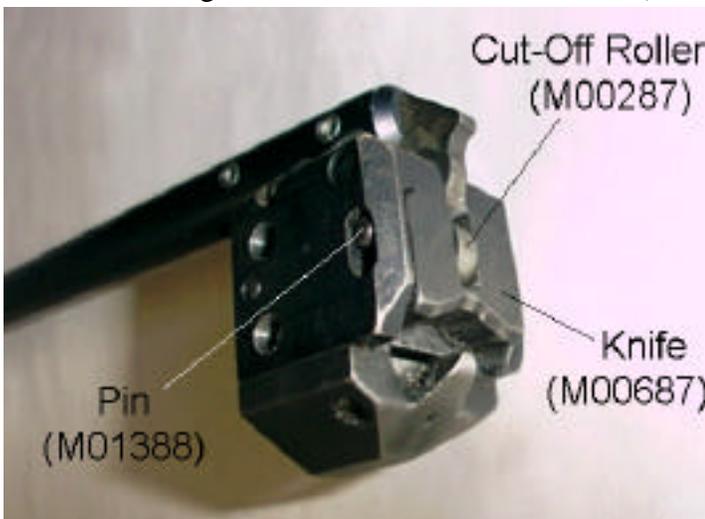


Figure 7a



Figure 7b

8. Clean knife, roller and head with a clean rag. Grease the pin, roller, and head using caution not to grease the area in proximity of the band's path, as shown in the illustration.

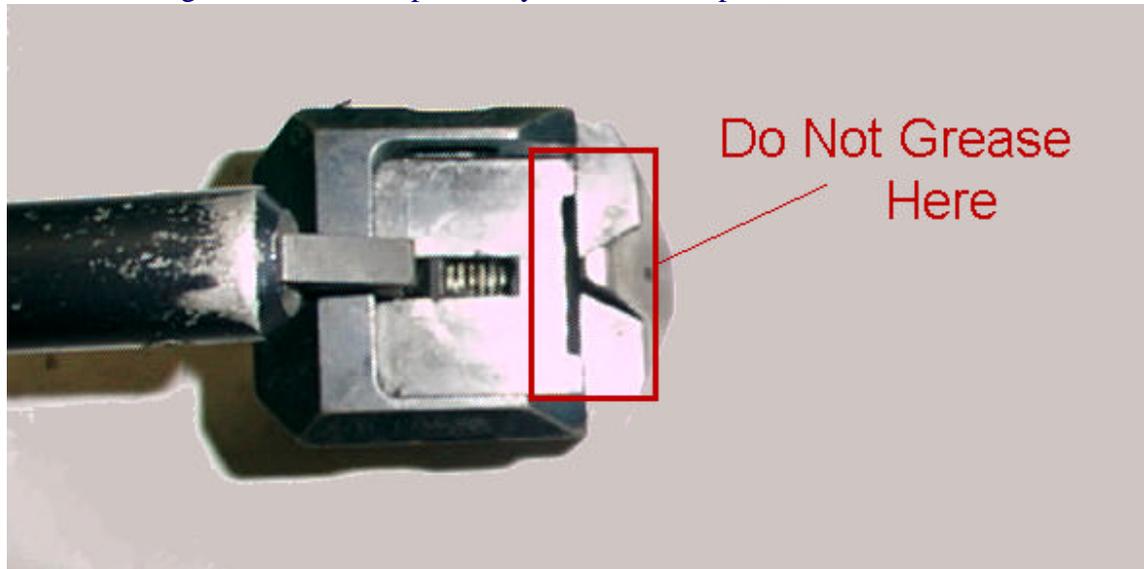


Figure 8

9. Refit knife, pin, and roller. It will be necessary to press the roller down on the release plate (M02387) to align the pin during reassembly (See figure below).



Figure 9

10. To remove the blade (M00787), remove the two socket head screws (M05787) show below.



Figure 10

11. Clean blade and head of debris with a cloth before refitting. Tighten screws to 90-110 in-lb.

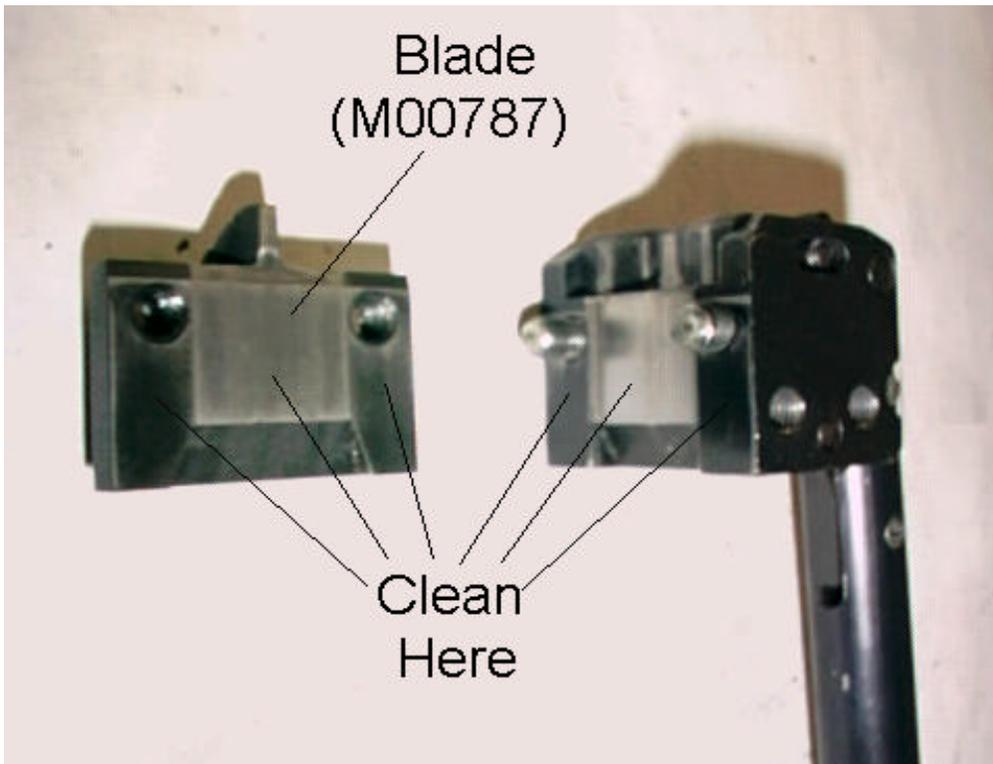


Figure 11

12. Remove the two socket head screws (M06187) from one side of the base of the tool. Remove one half of the body.



Figure 12a

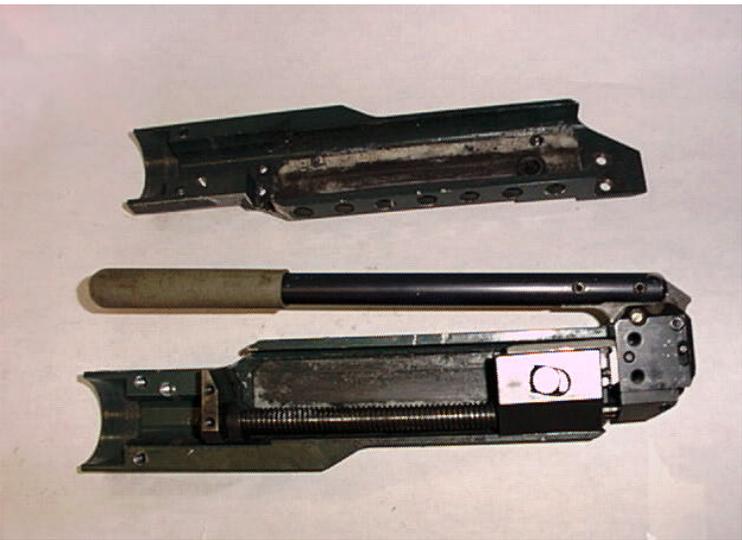


Figure 12b

13. Clean both body halves of metal particulates, foreign objects, and used grease.

14. Clean tension screw (M00987) of metal particulates, foreign objects, and used grease before reapplying black molybdenum lube. Note that a bead of grease can be applied to the screw through the holes in the tool body while it is in the tool.

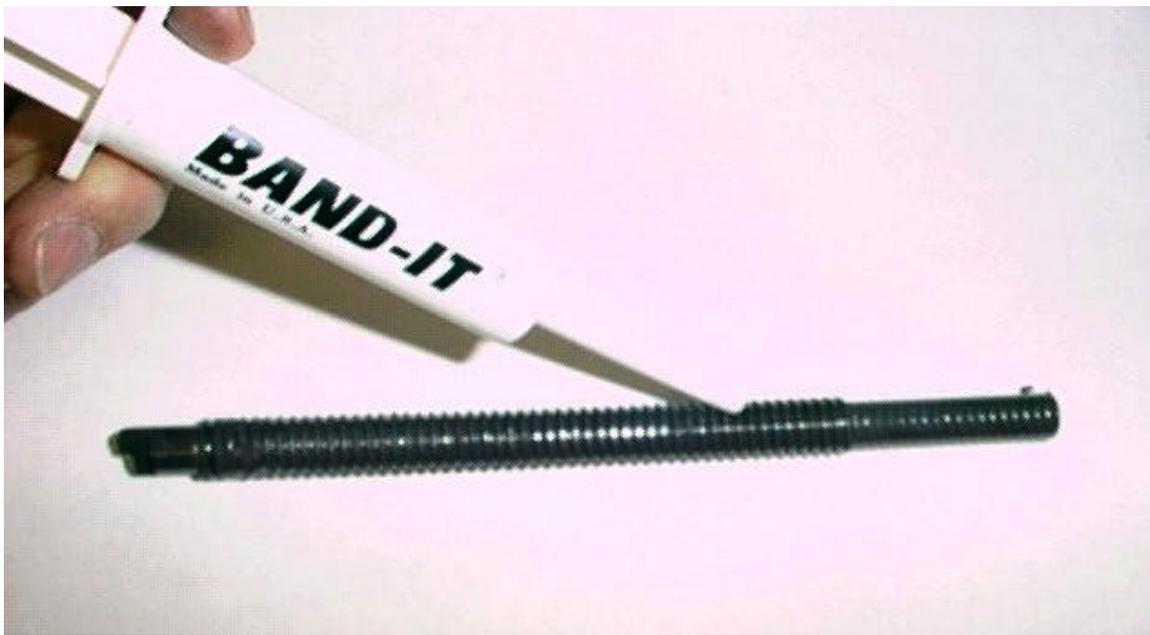


Figure 14

15. Refit head and gripper assemblies rechecking all components to ensure that they are assembled properly (refer to Figures 4 and 5 for proper orientation of gripper block). Take special care to check that the ball and load bearing tip are in the proper positions. Screw the four socket head screws (M02587) back into the head to 90-110 in-lb. Screw in the two socket head screws (M06187) to 60-70 in-lb. at the base of the tool body. **Check to ensure that the end of the tension screw is aligned with the drive on the drill before refitting the tool to the drill. When refitting the tool to the drill be sure to firmly push the tool to the drill as you secure it by tightening the two socket head screws (M05787) to 100 in-lb.**

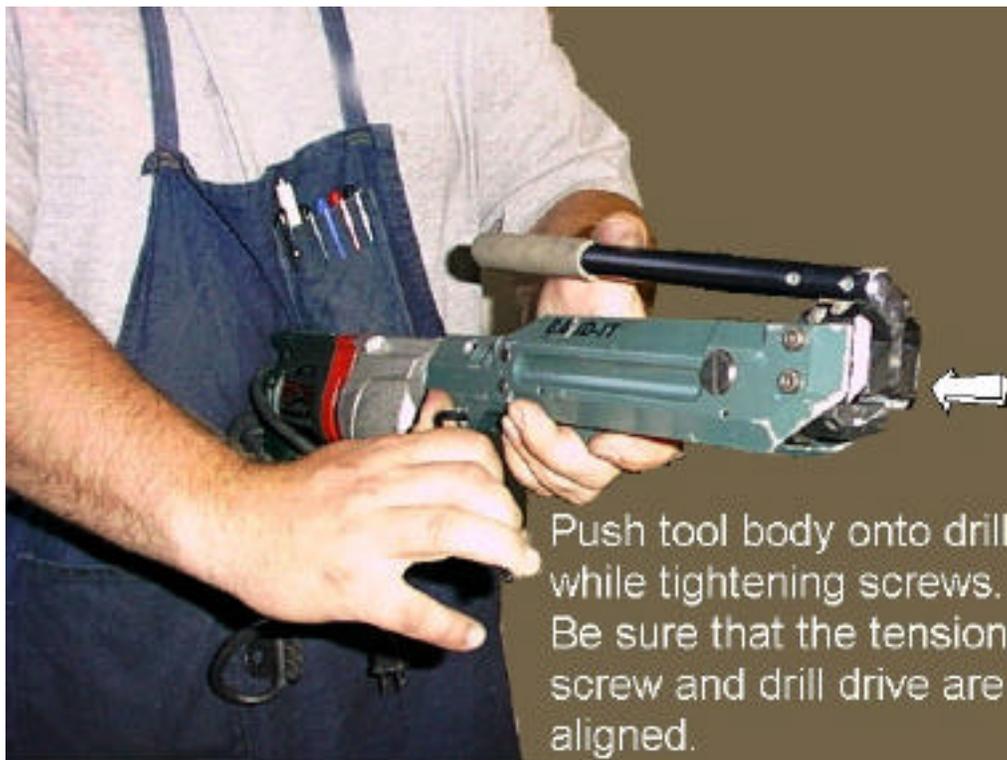


Figure 15a

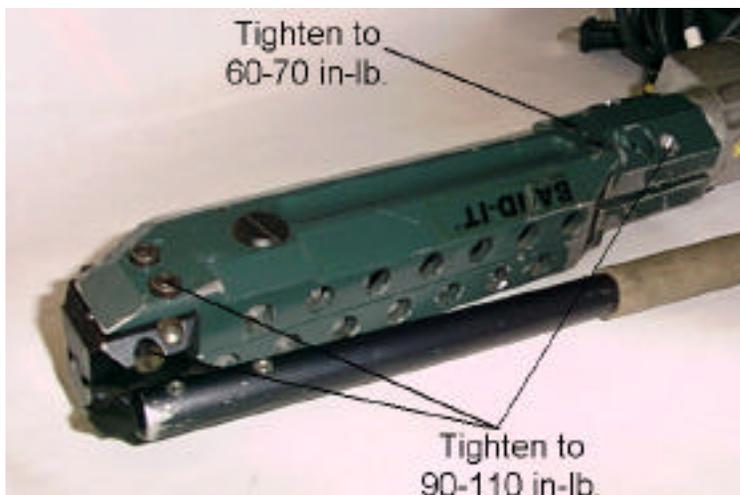


Figure 15b

Preventative Maintenance Checklist

- ❑ Clean entire gripper assembly, ensuring that no grease is on the gripper pin (M01187).
- ❑ Clean knife (M00687), pin (M01388), head (M00587), and roller (M00287).
- ❑ Grease pin (M01388), roller (M00287) and head (M00587)
- ❑ Clean blade (M00787) and portion of the head that it covers
- ❑ Clean both body halves (M04887, M04787)
- ❑ Clean and grease tension screw (M00987)