

UL 2000

Instructions for Disassembly and Maintenance



UL2000 Disassembly and Maintenance Instructions

Text in blue indicates instruction is for preventative maintenance.

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



Figure 1

2. Loosen the socket head screw (A09487) on the adapter clamp (M08487).



Figure 2

3. Remove the tool body from the Milwaukee rechargeable drill.
4. Remove the two socket head screws (M06187) from the side of the adapter (M07887) and remove the adapter. If the adapter is tight, it may be beneficial to further slacken the socket head screw (A09487) on the adapter clamp.

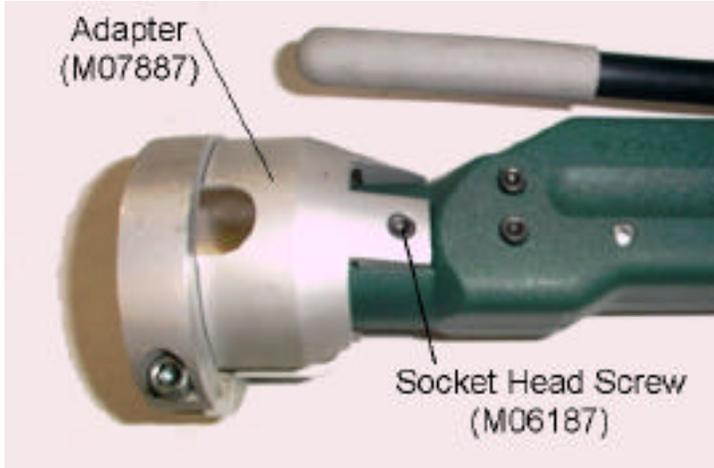


Figure 4a



Figure 4b

5. Remove the four silver socket head screws (J67287) from the head assembly.



Figure 5

6. Remove the head assembly, taking care not to lose the bearing tip (M05387), the tungsten carbide ball bearing (M06587), or the load bearing tip (M02287).



Figure 6a



Figure 6b

7. Remove the knife by pressing the pin (M01388) out of the side of the head assembly using caution not to lose the cut off roller (M00287). **Do not remove any other pins.**

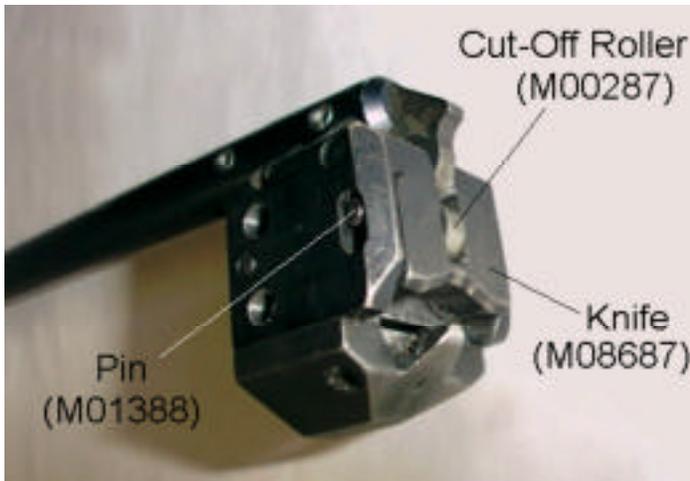


Figure 7a



Figure 7b

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

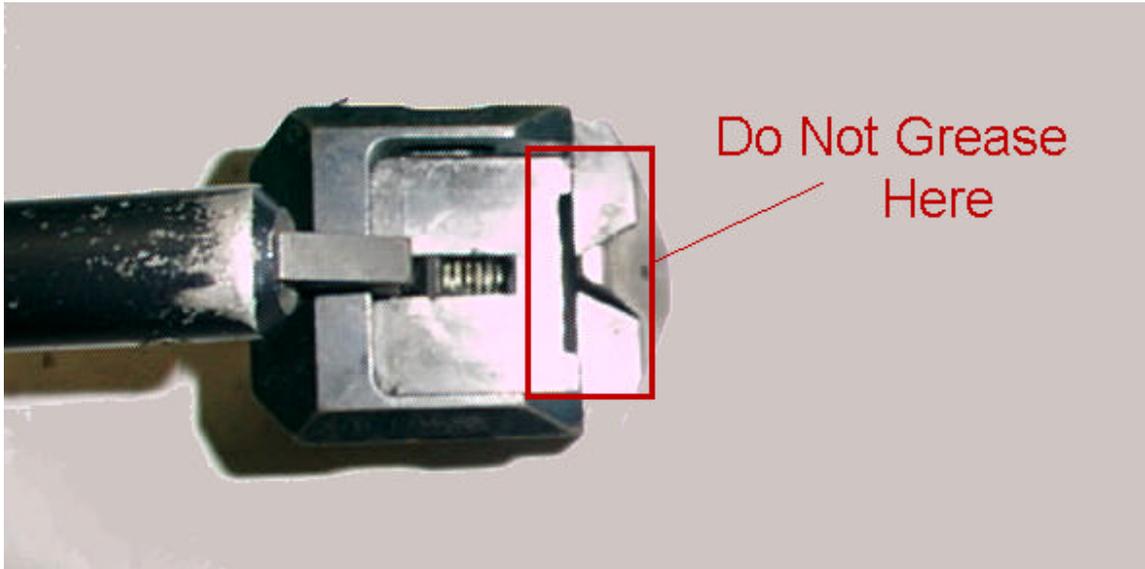


Figure 8

9. Refit knife, pin, and roller. It will be necessary to press the roller down on the release plate as shown in order to align the pin when putting it back in.



Figure 9

10. To remove the blade (M08787), remove the two socket head screws (M05787) that retain it.



Figure 10a

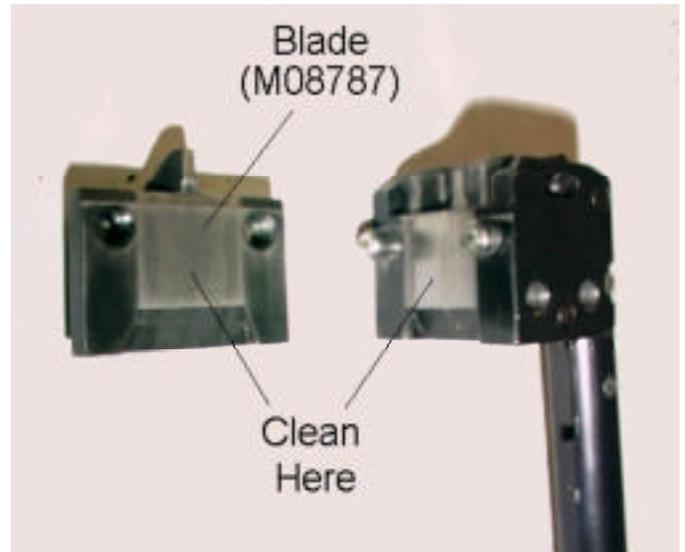


Figure 10b

11. Clean blade and head of debris with a cloth before refitting. Do not grease. Tighten screws to 90-110 in-lb.
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. Remove gripper block and tension screw.

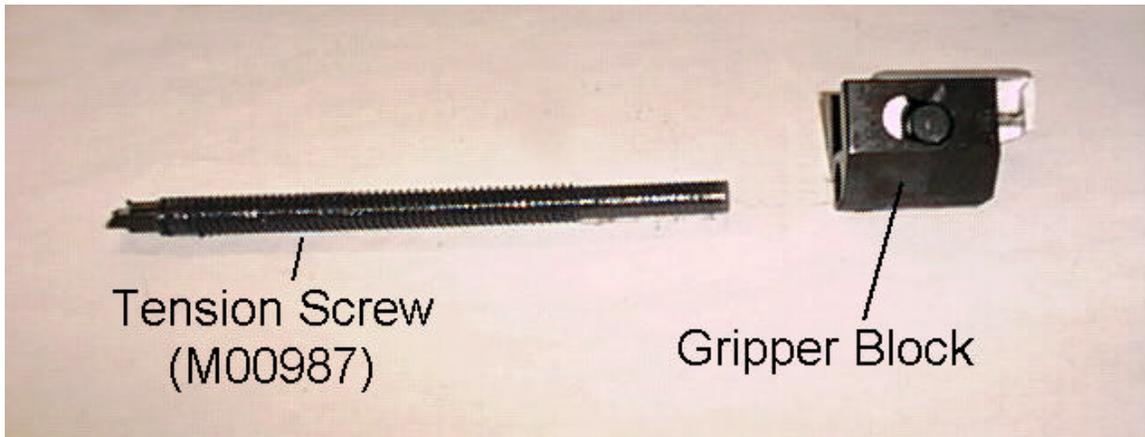


Figure 14

15. Clean tension screw of metal particulates, foreign objects, and used grease before reapplying black molybdenum lube.



Figure 15

16. Remove the gripper pin from the gripper assembly by pushing on both sides of the assembly as shown in the figure below. Use caution not to lose the springs when disassembling.



Figure 16a



Figure 16b

17. 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.
18. Refit the tension screw and gripper assembly
20. Refit the removed body half and secure the socket head screws (M06187) at the base of the tool to 60-70 in-lb.
21. Refit the tool head using caution to return the bearing tip (M05387), tungsten carbide ball bearing (M06587), and load bearing tip (M02287) to their proper positions. Secure the head by tightening the socket head screws (J67287) that retain it to 90-110 in-lb.



Figure 21

22. Affix the tool to the Milwaukee cordless drill. **Be sure that the drill drive and tension screw are aligned.** Push the tool body firmly toward the drill all the way up to the ridge directly before the speed selector switch (see figure) while tightening the securing screw (A09487) to 120-156 in.-lb. Failure to follow this step may result in poor tensioning capabilities for the tool.



Figure 22a

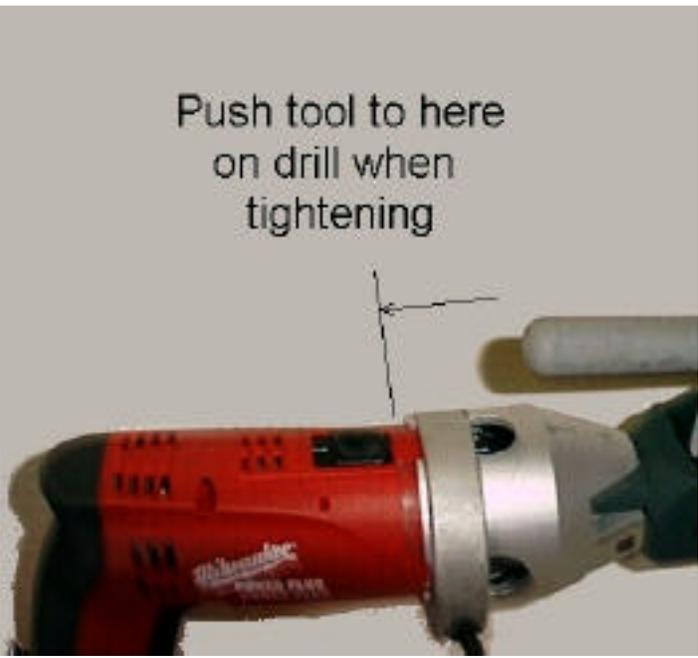


Figure 22b

Preventative Maintenance Checklist

- ❑ Clean entire gripper assembly, ensuring that no grease is on the gripper pin (M01187).
- ❑ Clean knife (M08687), pin (M01388), head (M00587), and roller (M00287).
- ❑ Grease pin (M01388), roller (M00287) and head (M00587)
- ❑ Clean blade (M08787) and portion of the head that it covers
- ❑ Clean both body halves (M07387, M07487)
- ❑ Clean and grease tension screw (M00987)

Removal of Standard Chuck from Milwaukee Power-Plus drill

1. Slacken the LEFT-HANDED socket head screw inside the end of the chuck. To remove it completely the jaws of the chuck must be opened.

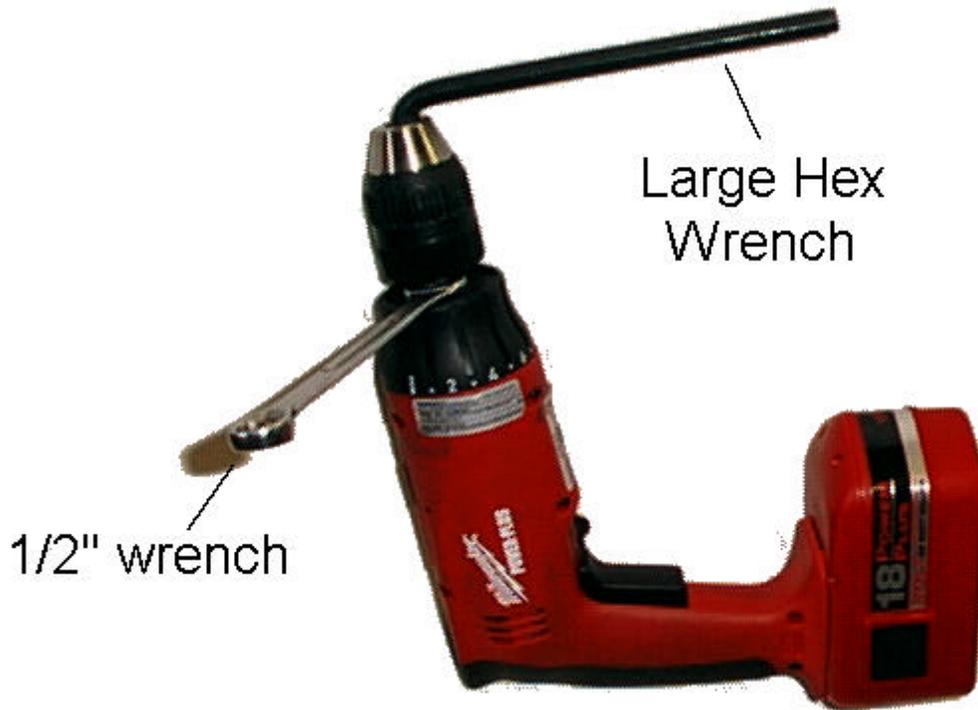


2. It may be useful to use a T-handled hex wrench to perform this task because standard hex keys do not allow for a great deal of leverage which may be needed on tight chucks.



Appendix Figure 2

3. Once the hex screw has been removed, the chuck can be unscrewed from the threaded drill shaft (right handed threads). To accomplish this, tighten the chuck on a large hex wrench then hold the drill shaft by placing a $\frac{1}{2}$ " wrench on the flats on the shaft as shown. Unscrew the chuck by rotating the hex wrench.



Appendix Figure 3



Appendix Figure 4