

# Cross Feed Extension Plate Installation Instructions



Order #  
6936

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## Please read instructions before disassembly.

### Specifications:

The Cross Feed Extension Plate & Stud Assembly is made to extend the lathe to machine up to 17 1/2" dia. large rotors found on 1-ton and larger trucks. Fits Ammco models 3000 and 4000. The Cross Feed Extension Plate can be used with Goodtool's Extended Lead Screw Bushing (pn. LSB-78529) and with the combination of the two extensions (Cross Feed Extension Plate & LSB-78529) the brake lathe will accommodate up to 19.25" dia. rotors.

**The Cross Feed Extension Plate will not be able to be used when cutting smaller rotors.** (13.50" Dia. ) and must be removed before machining smaller dia. rotors.

### Installation instructions.

1. Extend the cross feed screw out past the (if the rotor is on the machine) (Figure 1)
2. Remove the twin cutter nut with the wrench that is provided with the brake lathe (Figure 2)
3. Remove the Twin Cutter Assembly (Figure 3)
4. Remove the stock stud using a stud remover or a pair of channel lock pliers (figure 4-7)
5. Choose the correct length screw for the proper machine (Depending on the depth of recess under the twin cutter, use the longer screw for deep recess and the short for shallow recess) (Figure 7, 8)

(Continued on reverse side)



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

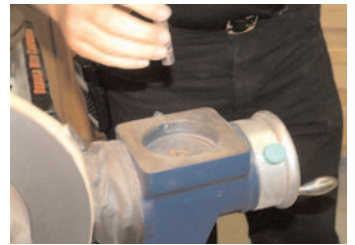


Figure 6



Figure 7



Figure 8



Figure 9

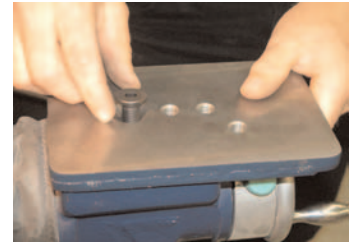


Figure 10



Figure 11

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6. Install the screw into the counter sunk hole in the cross feed extension plate, and hand tighten with an allen wrench. (Allen wrench is provided in the kit) (Figure 9-11)
7. **NOTE: Make sure the plate is positioned so the three holes are facing out away from the machine (Figure 10)**
8. Assemble the stud, bushing, and lock nut provided in kit. The nut should go on first closest to the knurled end of the stud and thread most of the length of the stud (Figure 12)
9. Place twin cutter back on the brake lathe (Figure 13)
10. Install the new stud onto the twin cutter and brake lathe. Install in one of the three positions. (You have three locations for different dia. rotors) (Figure 14, 15)
11. Tighten with brake lathe wrench. (Figure 16)
12. **NOTE: Make sure the new stud is flush with the bottom of the plate and not sticking out past. (Figure 17 is incorrect) (Figure 18 is correct)**
13. The brake lathe is now ready to machine larger rotors. The Cross Feed Extension plate must be removed to machine smaller rotors.



Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



Figure 17



Figure 18

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