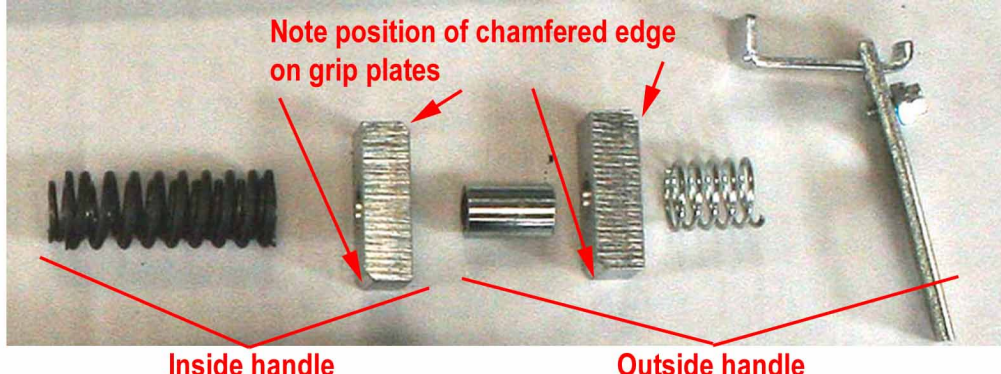


**Ultra Drive assembly instructions**  
 Please wear safety glasses when assembling, as springs may become dislodged and cause injury.  
 Before assembly, place grease onto trigger area where grip plate contact occurs. Lubricate rod with a light weight oil such as 10wt. or 3-in-One oil.  
 This assembly was completed with a flat head screwdriver.



**Step 1:** Insert rod thru handle hole and place grip plate onto rod. Note that the gripping plate chamfer is to be located towards the rear handle (see arrow).

**Step 2:** Make sure the trigger is completely forward. The main spring includes two springs nested together. Position the rod so that the spring I.D. will rest over it. Place a screwdriver into the 2nd winding of the spring (as shown) and push down, while collapsing the spring into place.



**Step 3:** Push rod thru spring and out other hole. It may be necessary to locate spring by inserting a screwdriver thru the front rod hole.

**Step 4:** Insert steel bushing onto rod so it contacts the inside grip plate. Push the rod forward even with the bushing (as shown). Insert spring over bushing and install rear grip plate. Note the chamfer location on the grip plate. Press-in the upper area of the grip plate so the rod can retract enough to hold the grip plate in place.



**Step 5:** Insert link into handle and attach thumb release. Press-in thumb release so rod and grip plate can be positioned in-line with each other. If the rod will not retract, try tightening the adjustment screw and/or turning the rod while pushing it thru. If the problem continues, there may be a burr on the rod, preventing installation. Check to make sure rod will fit over grip plate.

**Step 6:** Make final adjustments to adjustment screw for smooth operation. Note that the hinge pin can be located for high or low thrust applications.