



SELECT COMBINATIONS OF PRELOAD WASHERS:

.005	INCH
.010	"
.020	"

W8CX5
JAN-14-92

TO SERVICE:

- REMOVAL
1. FILE SET SCREW MARKS ON FRONT OF SHAFT, POLISH.
 2. REMOVE REAR SUPPORT AND PLASTIC BEARING.
 3. REMOVE 3 SCREWS AND BACK-OFF SPRING NUT/RETUNE (NEVER RUN SLUG ASSEMBLY OFF/ON WITH THIS IN PLACE).
 4. RUN SLUG ASSEMBLY OFF AFTER REMOVING GUIDE BAR SPRING.
 5. REMOVE GROUND SPRING AND FRONT RETAINER.
 6. SLIP FRONT CUP OFF SHAFT, FILE OR POLISH 2 FRONT SLOTS IF NEEDED. (KEEP CUP CLEAN, DO NOT REMOVE GREASE)
 7. SHAFT WILL NOW COME OUT TOWARD REAR.
 8. REAR CUP, SPRING, WASHERS WILL NOW COME OFF. (KEEP DIRT OFF CUP)
 9. REMOVE REAR RETAINER WITH SPECIAL PLIERS, VERY DIFFICULT, MUST BE MOVED TOWARD FRONT OR WILL BREAK IF SPREAD TOO FAR.

INSTALL

1. SELECT PRELOAD WASHERS, NOT TOO MUCH OR TOO LITTLE. TRIM & ERROR METHOD.
2. RE-ASSEMBLE TO FRONT SUPPORT, CHECK FOR END PLAY AFTER FRONT RETAINER IS IN PLACE.
3. CLEAN SCREW & CARTRIDGE VERY LIGHTLY.
4. THREAD SLUG ASSEMBLY ON SCREW.
5. THREAD ANTI-BACKLASH SPRING-NUT UP FLUSH WITH CARRIAGE NUT AND BACK OFF 2 OR 3 HOLE (1/3 TURN EACH HOLE), INSTALL 3 SC TEST TORQUE AND REPOSITION SPRING NUT UNTIL FREE TURNING AND NO BACKLASH.
6. INSTALL REAR SUPPORT AND BEARING. SHAFT SHOULD SLIDE INTO BEARING EASILY, IF NOT CHECK HOLE IN PLATE SIZE.
7. INSTALL GUIDE BAR SPRING - INSPECT BRASS GUIDE BAR AND POLISH IF ROUGH. - GREASE BAR - INSURE SPRING IS FLAT AGAINST BAR.
8. CHECK TORQUE, BACKLASH MEAN - ADD MORE GREASE TO SCREW. (OVER)
9. IF PRELOAD WASHERS ARE RIGHT, 100-200 Hz SHIFT IS NORMAL WHEN PRESSING KNOBS OR PULLING.
10. FRONT GROUND SPRING MUST FIT GOOD OR "SCRATCHY" TUNING RESULTS - USE GRAPHITE GREASE IN THIS SLOT.

CAUTIONS: USE NEW PHILIPS SCREWDRIVERS OR ONES WITH PERFECT POINTS FOR 4 SMALL SCREWS.