



# YZ125D, IT175D GEAR SHIFTING ADJUSTMENT

A change lever modification is strongly recommended for added shifting reliability for early production YZ125D and IT175D machines. In addition, the index mark on the change lever must be carefully aligned with the mark on the shift drum. Perform these adjustments as described in this Bulletin.

## AFFECTED MACHINES

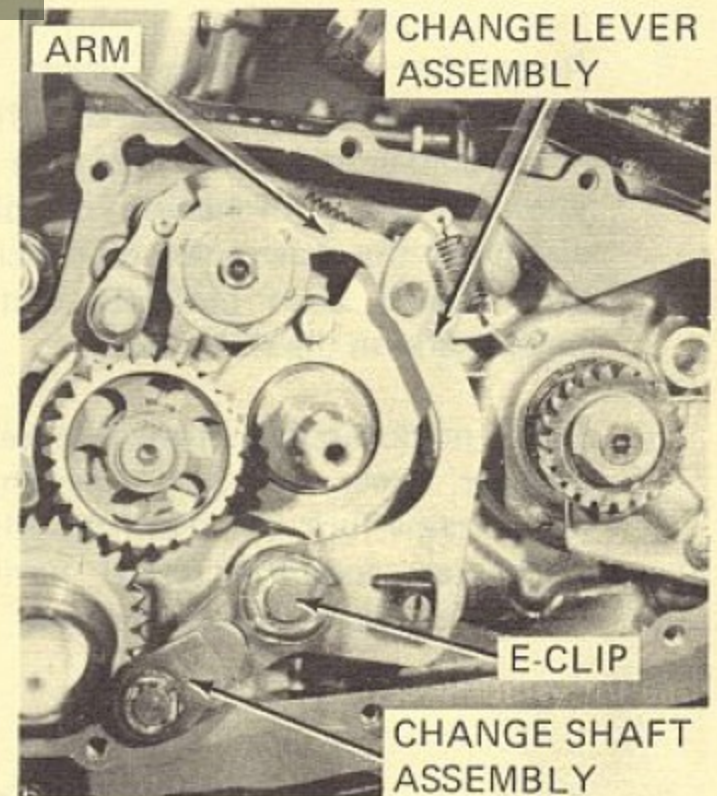
These adjustments are recommended for the following machines:

YZ125D	1W1-000101 ~ 003179	IT175D	1W2-000101 ~ 000220
	003531 ~ 004091		000421 ~ 000740
	006162 ~ 007770		002501 ~ 003710
	009162 ~ 011709		005831 ~ 006829

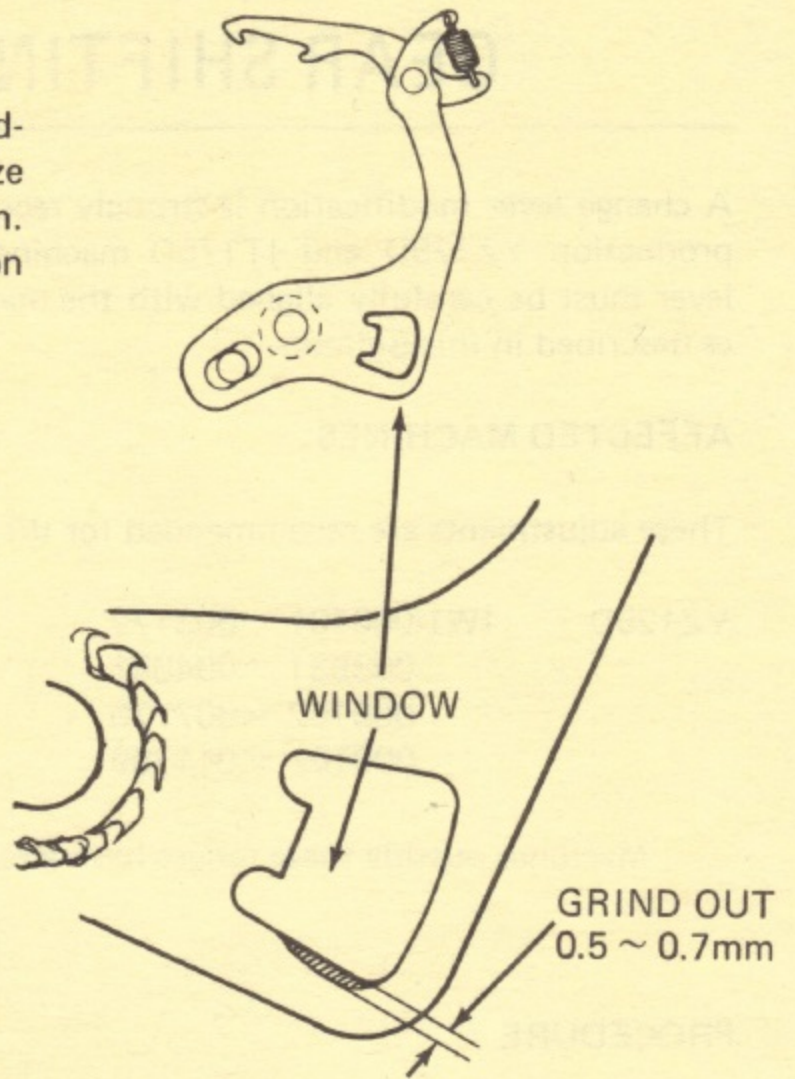
Machines outside these ranges have already received this modification.

## PROCEDURE

1. Drain transmission oil.
2. Loosen the rear brake and remove the right foot peg. Remove the kick starter crank and gear shift lever.
3. Remove the right crankcase cover. Notice the dowel pins and their locations.
4. Remove the clutch. If necessary, consult the YZ125D Owner's Service Manual or IT175D Owner's Service Manual.
5. Remove the E-clip from the lever shaft
6. Pull out the change shaft assembly slightly until the change lever assembly can be removed. Lift the arm from the shift drum. Remove the change lever assembly.



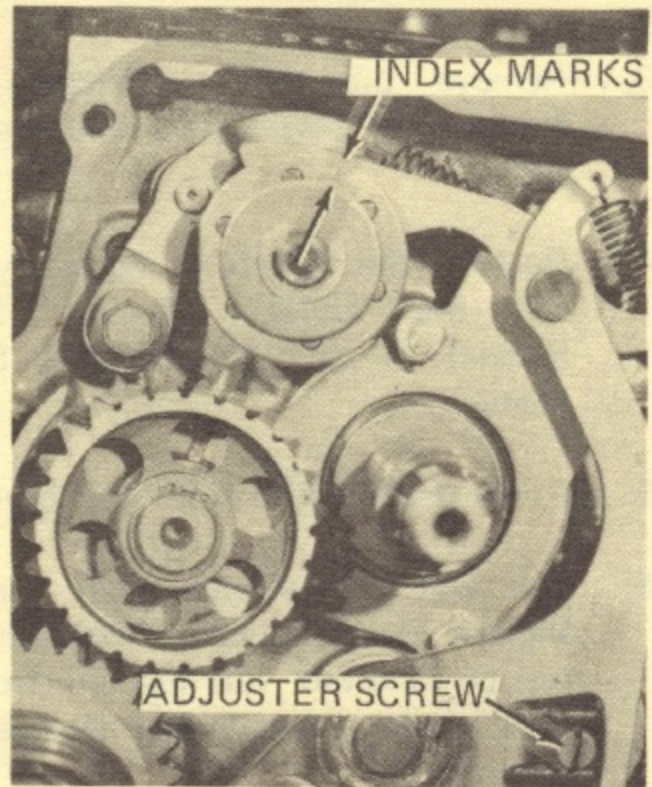
- Use a small-diameter stone in a hand-held grinding tool to increase the size of the change lever "window" as shown. **CAUTION:** observe eye protection precautions when grinding.



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- Reassemble the change lever. Temporarily install the shift lever (left side of machine) and shift into first gear. With the shift mechanism completely assembled the index mark on the change lever should align perfectly with the index mark on the shift drum.

If the marks are not aligned, loosen the adjuster screw lock nut. Turn the adjuster screw lock nut. Turn the adjuster screw (an eccentric screw) until the marks are aligned. Tighten locknut.



- Reassemble machine and add 650cc of Yamalube 4-cycle oil to the transmission.

**WARRANTY:** There is no warranty allowance for this modification.