

Fits popular brands including:
EMERSON FISHER GOLDSTAR
HITACHI SANYO SHARP RCA
WARDS GE MAGNAVOX

When VCR's experience a bearing failure in the capstan motor they show the following symptoms:

- | | |
|----------------------------------|------------------------|
| 1) Vibrating Noise | 4) Unable to rewind |
| 2) Slow or Stops while in "PLAY" | 5) Choppy sound |
| 3) Loss of servo when hot | 6) Hot capstan IC chip |

BEARING REMOVAL:

- 1 Remove motor.
- 2 Remove shaft clip, if necessary (Fig 1).
- 3 Slide shaft and armature out. Note placement of washers for reinstallation (Fig 1).
- 4 Note depth of old bearing (Fig 2).
- 5 Two bearing motor: slide D+D tool through lower bearing hold on angle, tap around edge lightly until bearing is removed (Fig 2).
- 5a Single bearing motor: position D+D tool until seated on bearing , tap lightly to remove bearing (Fig 3).

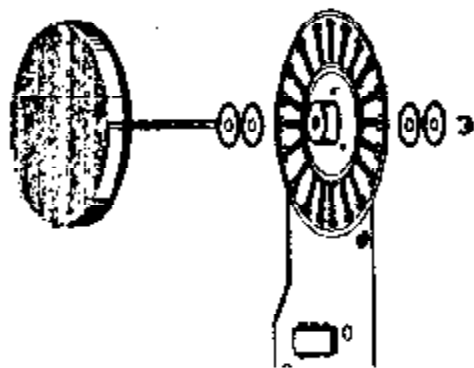


FIG 1

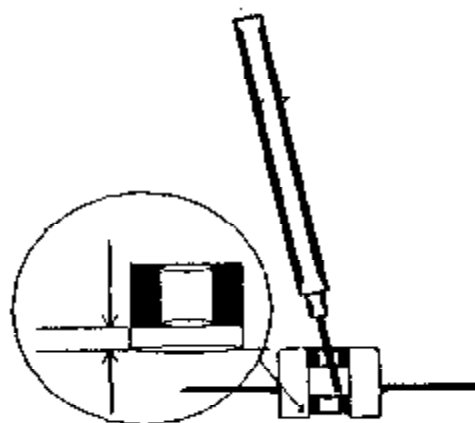


FIG 2

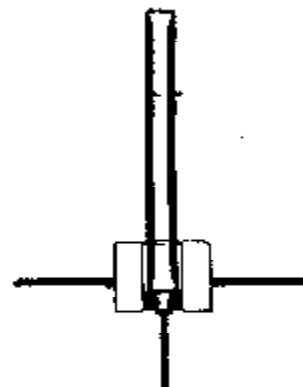


FIG 3

BEARING INSTALLATION:

- 1 Clean old shaft thoroughly, totally dry shaft of cleaning fluid.

CAUTION: BEARING IS PRE-LUBED, CLEANING FLUID WILL DESTROY IT

- 2 With scribe, make 4-5 scores in aluminum housing .

NOTE: D+D'S replacement bearing is designed longer to avoid shaft replacement.

- 3 With bearing seated on D+D tool, insert bearing into housing and tap lightly until positioned at correct depth (as noted before removal).
- 4 Re-install shaft, washers and clips in order of removal.