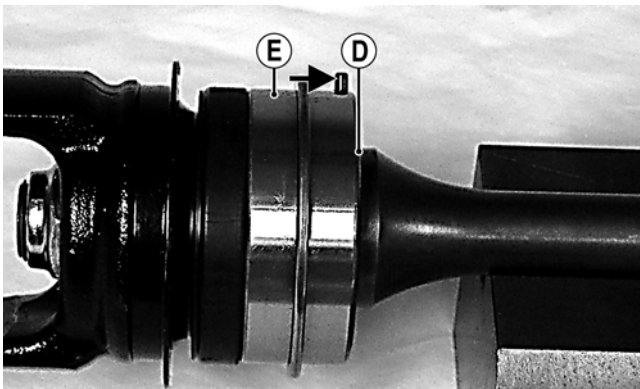


MT011B

3. If installing the existing shaft, start with the shims removed during disassembly or if installing a new shaft, start with approximately 1.0 mm shims at point (D); then install the output driveshaft bearing (E) making sure the locating pin is directed toward the center of the shaft.

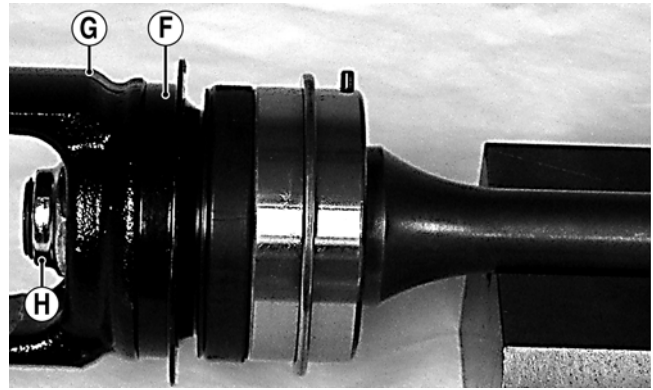


MT012



MT008A

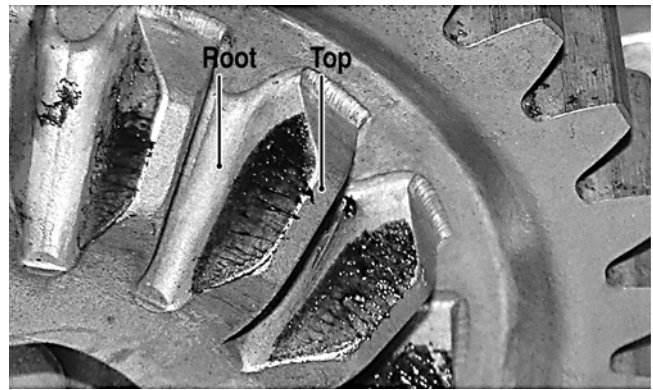
4. Install a new seal (F), output yoke (G), and nut (H) coated with red Loctite #271 and tighten to 59 ft-lb.



MT008B

NOTE: Do not use a new lock nut at this time as this procedure may have to be repeated.

5. Place the assembled shaft into the left crankshaft case; then lightly coat the gear teeth with machinist's lay-out dye. Rotate the shafts through several rotations in both directions. Gear contact should extend from the root to the top of the gear teeth.



MT016A

6. To adjust tooth contact, use the following chart to correctly shim the driven shaft.

Tooth Contact	Shim Correction
Contact at Top	Increase Shim Thickness
Contact at Root	Decrease Shim Thickness

7. After correct tooth contact is established, proceed to Checking Backlash in this sub-section.

Checking Backlash

1. Install the drive bevel gear assembly and driven bevel gear/output shaft assembly into the crankcase bottom cover.
2. Mount the dial indicator so the tip is contacting a tooth on the secondary drive bevel gear.

3