

CONTINENTAL AIRCRAFT ENGINE

MAINTENANCE MANUAL

**STANDARD PRACTICE
FOR SPARK IGNITED ENGINES**



Technical Portions Accepted by the Federal Aviation Administration

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6. Install new bushings in the same positions as the old bushings on the counterweight assemblies (Figure 10-37) using the Borroughs Part No. 8077C Counterweight Bushing Removal/Installation Fixture. The bushing lead-in (Figure 10-37) must be positioned toward the counterweight during installation. Press the bushing flush with the surfaces as illustrated.

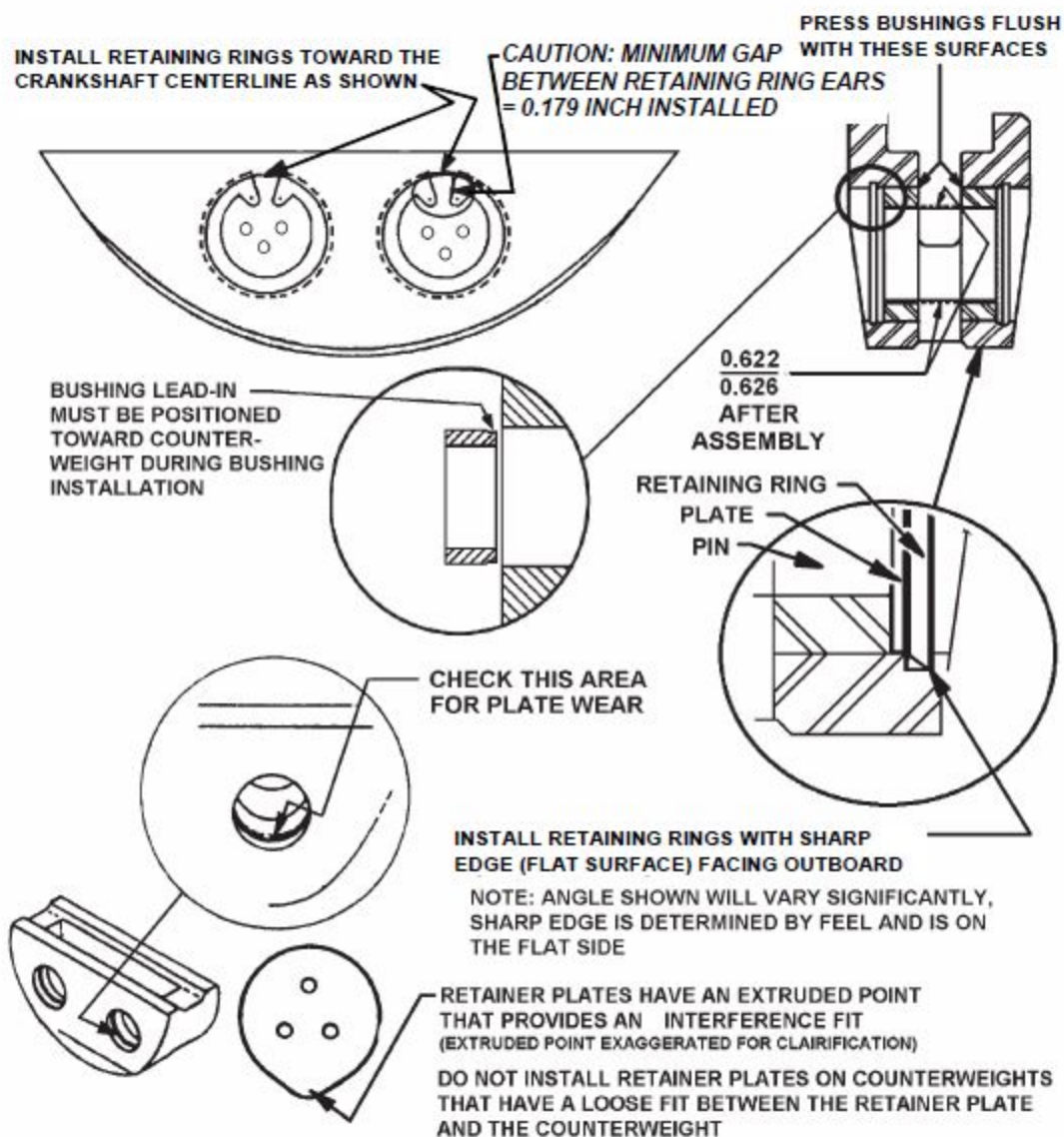


Figure 10-37. Counterweight Inspection, Repair and Installation
Applicable to 360, 470, IO520, LTSIO-520, and 550 Series Engines
Not Applicable to GTSIO-520 (See Figure 10-38)

7. Verify newly installed bushing dimensions in Table 10-35. Close tolerances require replacement bushings shall be 100% dimensionally inspected using calibrated, accurate measuring equipment (one of the following):
 - a. Federal Dimension Air Gauge (with appropriate setting ring and air plug)
 - b. Starrett No. 78 series 3 point contact inside micrometers.