



TECHNICAL PUBLICATION  
REVISION

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60294-7-14	Direct Drive Overhaul Manual	60294-7	December 1974
The page(s) in this revision replace, add to, or delete current pages of the publication indicated above.			
PREVIOUS REVISION		CURRENT REVISION	
<p><b>April 1966</b> 5-3, 5-6; 8-5</p> <p><b>July 1967</b> 5-8; 6-1 thru 6-18, 6-23, deleted pages 6-25 thru 6-32</p> <p><b>April 1968</b> 4-2 thru 4-8</p> <p><b>December 1968</b> Section 11 replaced Special Tool Catalog</p> <p><b>January 1970</b> i, ii, deleted pages iv and v; 1-1, 1-2, deleted pages 1-3; 2-1 thru 2-6, deleted pages 2-7 thru 2-12; 3-1 thru 3-5; 4-1; 9-1, 9-2, 9-4, deleted page 9-7; 10-1 thru 10-36, deleted pages 10-37 thru 10-47</p> <p><b>January 1971</b> i, ii; 6-19 thru 6-24; 7-1 thru 7-19; 9-3, 9-5, 9-6</p> <p><b>May 1972</b> Added page 2-7; 3-1, 3-5; 5-1 thru 5-11, deleted pages 5-12, 5-13, 5-14; 6-1, 6-17, 6-18, 6-22, 6-23; 8-1 thru 8-6, deleted pages 8-7, 8-8; 9-3</p> <p><b>October 1973</b> i, ii, iii; 1-1; 3-3, 3-4, 3-5; 4-1, 4-3 thru 4-8; 5-1, 5-5, 5-6, 5-7, 5-9, 5-10; 6-2, 6-7, 6-10, 6-11, 6-12, 6-13, 6-17, 6-20, 6-21, 6-22, 6-23; 7-4, 7-16, 7-17, 7-18, 7-19; 9-1, 9-2</p> <p><b>February 1992</b> i</p> <p><b>June 1993</b> 7-10, added pages 7-10A, 7-10B, 7-10C, 7-10D, 7-12, 7-12A/B</p> <p><b>June 1996</b> i</p> <p><b>June 1999</b> 7-4</p> <p><b>June 2002</b> 7-10B</p> <p><b>January 2007</b> i, ii, iii, added page iv; 1-1, 1-2, 1-3; 7-4, added pages 7-4A, 7-4B; 7-5, 7-16, added pages 7-16A, 7-16B</p> <p><b>September 2007</b> 7-15, 7-16, 7-16A, 7-16B</p> <p><b>July 2008</b> 7-15, 7-16A</p> <p><b>October 2010</b> 7-15, 7-14</p>		<p><b>July 2011</b> 7-10D</p>	

**SECTION 7**  
**CRANKCASE, CRANKSHAFT AND RECIPROCATING PARTS**

**OVERHAUL MANUAL LYCOMING AIRCRAFT ENGINES**  
**DIRECT DRIVE**

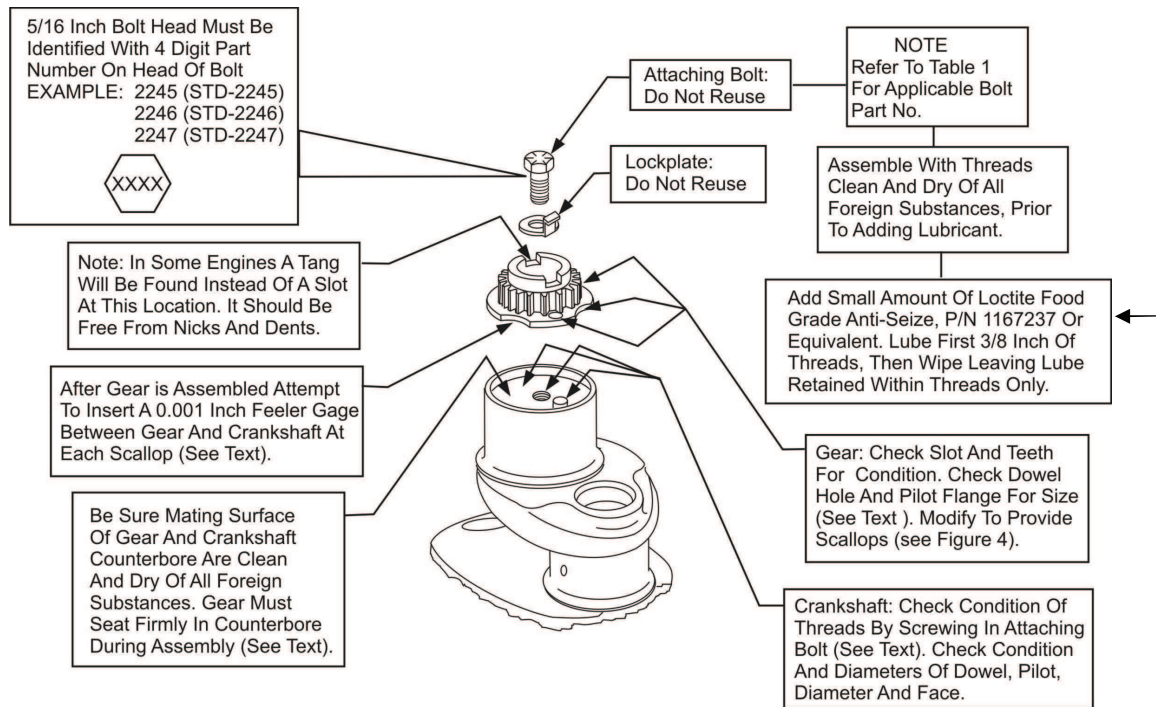
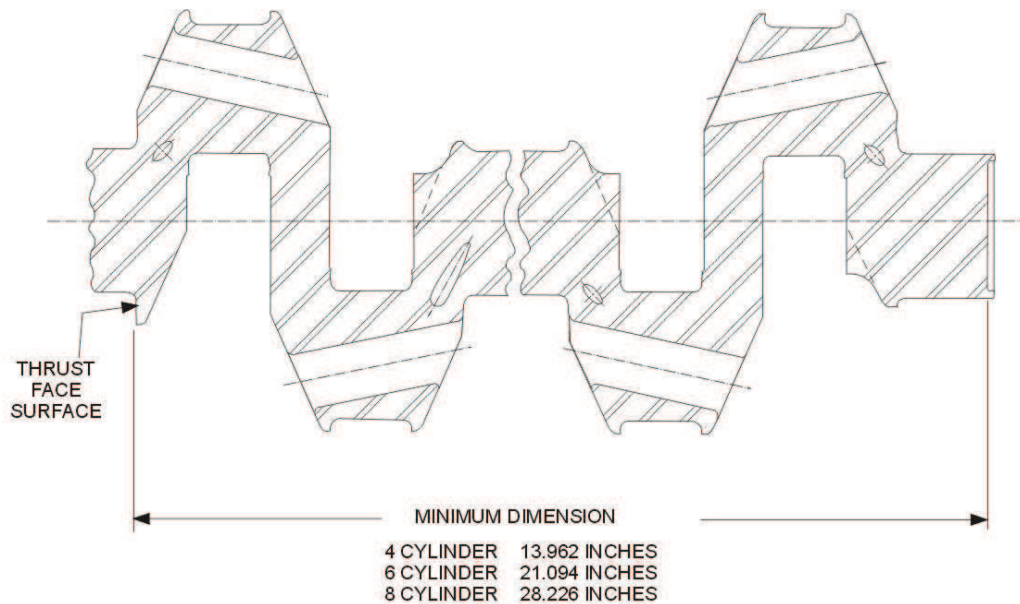


Figure 7-12F. Rear End View of Crankshaft Showing Associated Parts

**CAUTION**

No field repair of crankshaft gear attaching threads is permitted. Crankshafts requiring this type of repair must be returned to the factory through an authorized Lycoming Distributor.



**CAUTION**

Insure minimum dimension is measured between thrust face surface and pilot.

Figure 7-12G. Minimum Dimension of Crankshaft