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| <ol style="list-style-type: none"> 1. Idler gear 2. Crankshaft gear 3. Camshaft gear |
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4. Coat the camshaft with engine oil and install the camshaft in the crankcase. Be sure the camshaft gear (3) is correctly indexed with the timing mark on the crankshaft gear (2).

5. Secure the thrust plate to the crankcase and tighten the cap screws to 20 ft. lbs. torque. Access to each of the two screws is through the holes in the camshaft gear.

6. Install the front cover and fan drive pulley. Refer to page 1-40.

7. Install the key in the rear of the camshaft, and install the oil pump gears and body. Install the flywheel.

8. Install the valve assemblies and head. Refer to page 1-25.

9. Install the oil pan.

10. Install the engine in the tractor. Refer to page 1-12.

11. Install the steering gear housing assembly, front axle and the radiator assembly on the front of the engine.

12. Start the engine and bring up to operating temperature.

(a) Inspect for oil leaks and check for correct engine oil pressure.

(b) Check and adjust the ignition timing.

(c) Check and adjust the valve clearance if necessary. Refer to page 1-15.