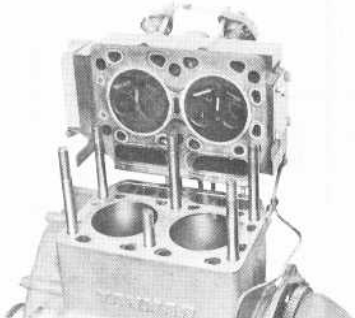
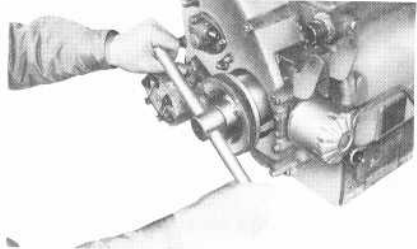
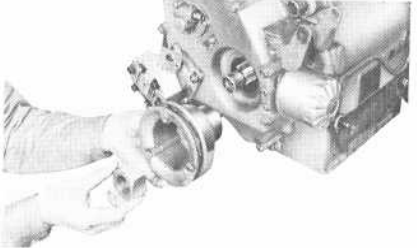
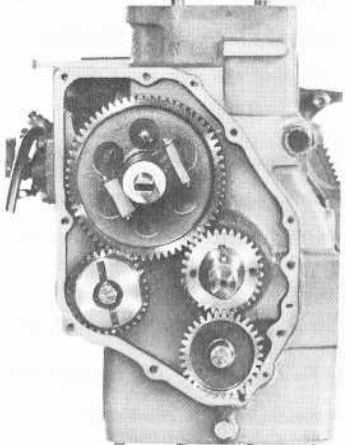
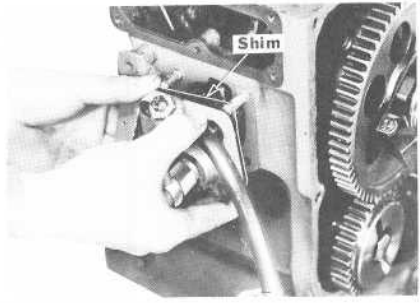


IV. ENGINE DISASSEMBLY

Complete disassembly of the engine is carried out in the following sequence: (Disassembly down to the small block is carried out in accordance with the instructions given in the maintenance section that will appear later.)

Item	Explanation	Illustration
1.	<p>Radiator</p> <ol style="list-style-type: none"> 1. Drain coolant from radiator and cylinder block. 2. Detach radiator hose. 3. Detach radiator with front axle as an assembly. 	
2.	<p>Cylinder head</p> <ol style="list-style-type: none"> 1. Drain lube oil. 2. Remove fan belt. 3. Detach generator and starter motor. 4. Remove air cleaner and rocker arm cover. 5. Detach fuel and lube oil pipes. 6. Detach rocker arm assembly. 7. Remove push rods. 8. Remove cylinder head nuts. (Do not forget the nut in the intake manifold.) 9. Remove cylinder head gasket. 	
3.	<p>Gear case</p> <ol style="list-style-type: none"> 1. Remove fuel injection pump room cover; detach governor linkage. 2. Remove crankshaft pulley, using the gear puller. 3. Detach gear case. <p>Note: The hydraulic pump and tachometer gear unit are not detached from the gear case but are removed as a unit. When assembling, remove the hydraulic pump and tachometer gear unit to make fitting easier.</p>	  

Item	Explanation	Illustration
4.	<p>Fuel injection pump</p> <ol style="list-style-type: none"> 1. Injection control rod is set to the notch on the fuel pump room and the fuel pump is removed. 2. Check the thickness and number of the injection timing adjustment shims at this time. 3. Remove lube oil dipstick. 	
5.	<p>Piston assemblies</p> <ol style="list-style-type: none"> 1. Turn cylinder block on its side (with the fuel pump below.) 2. Remove under cover of cylinder block. 3. Detach lube oil inlet pipe. 4. Remove rod bolts. <p>Caution: Be careful not to drop the crankpin bearings.</p> <ol style="list-style-type: none"> 5. Remove piston assembly. <p>Caution: Clearly mark for later reference which is No. 1 piston and which is No. 2 piston.</p> 