

TL-90720

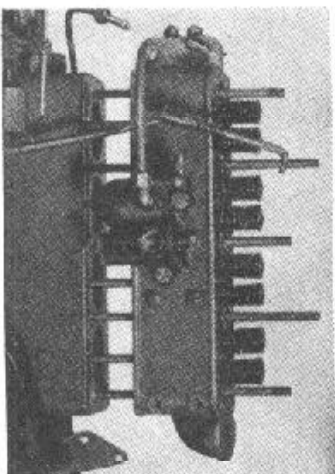
Figure 20. Rocker arm assembly with push rods.

20. REMOVING CYLINDER HEAD.

a. To remove the cylinder head from the engine in this unit, proceed as instructed below:

- (1) Drain all water from the cooling system, and then drain gasoline from fuel line. Remove water and gasoline connections.
- (2) Pull corner pin connecting governor arm to carburetor butterfly valve, and unscrew ignition cable bracket mounted on end of cylinder block.
- (3) Remove air cleaner and intake manifold assembly from cylinder head cover, by unscrewing the two retaining bolts.
- (4) Unscrew the two wingnuts holding the cylinder head cover in place. Lift off cover, and remove gasket from head.
- (5) Remove rocker arm assembly by unscrewing the nuts on the three cylinder head studs. Lift entire rocker arm assembly off the studs (fig. 20).
- (6) Remove the eight push rods. Lay them aside so they can be replaced in their original positions.
- (7) Unscrew the nine cylinder head retaining nuts and lift the cylinder head and carburetor assembly off the engine (fig. 21). The complete cylinder head assembly with exhaust manifold is shown in figure 22.

CAUTION: Do not pry the head up with a screwdriver, as this may injure the copper asbestos cylinder head gasket. Tap the head gently with a block of wood until it is loose.



TL-90721

Figure 21. Removing cylinder head.