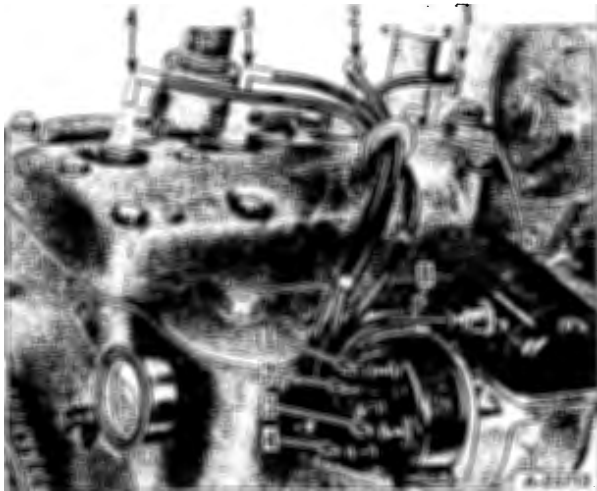
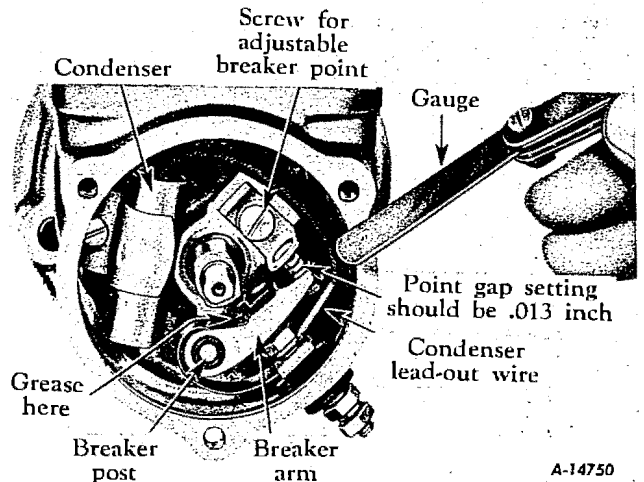


MAINTENANCE



Illust. 30

Spark plug wiring. Engine firing order is 1, 3, 4, 2.



Illust. 30A

Adjusting the breaker points.

Spark Plug Cables (Magneto Ignition)

If the spark plug cables are removed for any reason, note the position of each cable on the magneto (*Illust. 30 shows the correct wiring*).

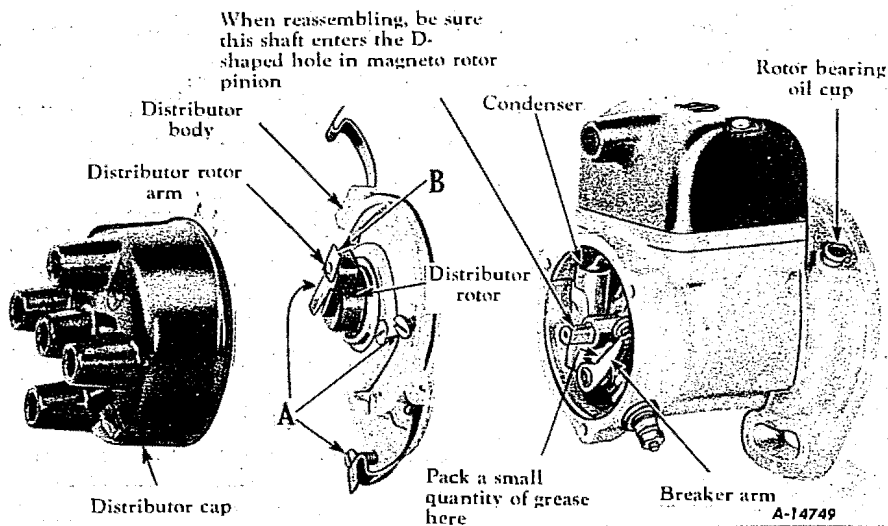
Magneto

Magneto Lubrication

After every 500 hours of operation, fill the magneto rotor bearing oil cup (on mounting flange) (*Illust. 32A*) once with the same oil as used in the crankcase.

Greasing the Breaker Mechanism and Checking the Points

It is important that the breaker chamber be kept clean, as oil on the breaker points will cause rapid burning. Inspect the breaker chamber after every 250 hours of operation, to assure that it is clean. To reach the breaker mechanism, remove the distributor cap, and crank the engine slowly until end "B" of the distributor rotor arm points toward the No. 1 terminal on the distributor cap, and the impulse coupling just trips. Take off the distributor body by removing three screws "A" (*Illust. 30B*). See that the points are in good condition and have the proper clearance. If the chamber is clean, no attention is necessary other than checking the clearance of the points; but if the chamber is dirty, all parts must be thoroughly cleaned.



Illust. 30B
Magneto disassembled.