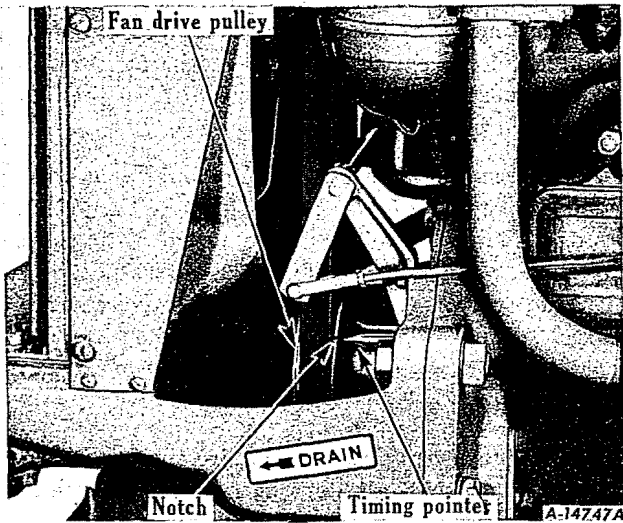


MAINTENANCE



Illustr. 33

Notch on fan drive pulley in line with timing pointer.

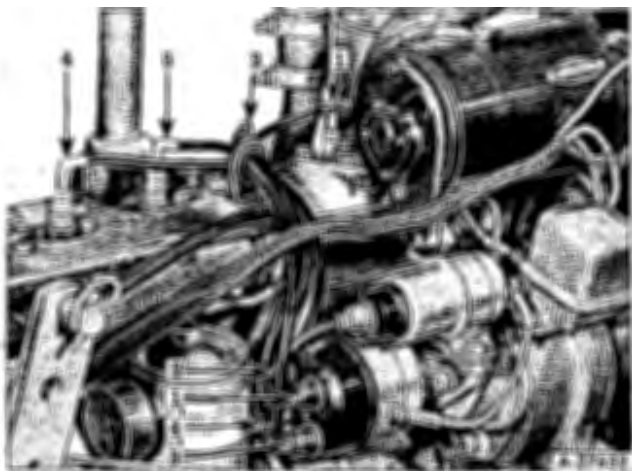
Battery Ignition Unit

Spark Plug Cables (Battery Ignition)

If the spark plug cables are removed for any reason, note the position of each cable on the distributor. *Illustr. 33B* shows the correct wiring.

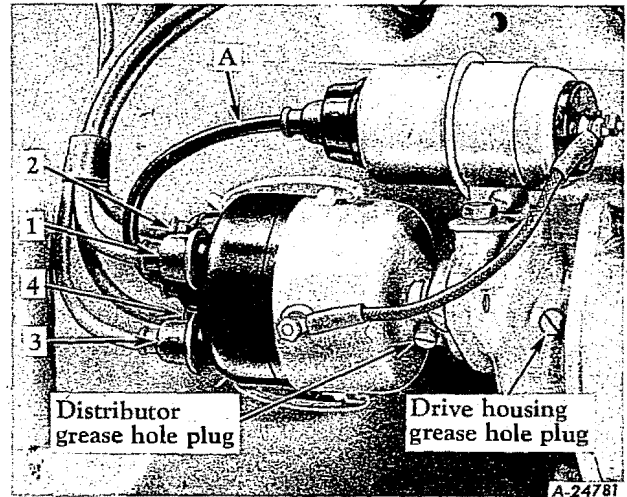
Lubrication

Every six months or after every 500 hours of operation, whichever occurs first, remove the grease plugs (*Illustr. 33B*) and insert lubrication fittings. Apply pressure-gun grease (chassis lubricant) to the distributor fitting until a small quantity comes out



Illustr. 33A

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



Illustr. 33B

Distributor wiring and lubrication.

of the relief hole opposite the plug. Apply several strokes of the grease gun to the drive housing fitting.

Remove the distributor cap and the distributor rotor and apply one or two drops of light engine oil to the felt in the hole at the end of the breaker cam. *See Illustr. 34 and 34A.*

Greasing the Breaker Mechanism and Checking the Points

It is important that the breaker chamber be kept clean because oil on the breaker points will cause rapid burning. Remove the distributor cap, distributor rotor, and the breaker cover for breaker chamber inspection. *See Illustr. 34A.* Care should be taken, when removing the breaker cover, to prevent dirt from entering the breaker chamber. Be sure the chamber is clean and that the breaker points are in good condition and have the proper opening.

Never use emery cloth or sandpaper to clean the points. If the points are worn excessively, replace both points.

Fill the recess in the breaker post with grease and pack a small quantity of magneto grease in back of the breaker arm rubbing block. *See Illustr. 34 and 34A.* See your International Harvester dealer for the proper grease to use.

Check the condition of the breaker points for build-up or lip formation. If present, the points must be dressed before the point opening can be checked or set. Check the opening between the

Continued on next page.