

SERVICE BULLETIN



THE
Indian
MOTORCYCLE COMPANY

Bulletin No. SVB-118

Model P450, P470, P670 Engine

Subject Installation
Electronic Magneto

Date 8-8-72

INSTALLATION INSTRUCTIONS FOR THE ELECTRONIC MAGNETO

This part fits the P450, P470, and P670 engines. To determine where the "A" and "O" marks are on the outer periphery of the flywheel (part number M51-131), place the dial indicator in the spark plug hole and rotate the engine counter-clockwise to top dead center. Where the "O" mark on the engine case is, scribe a line straight down from that mark onto the flywheel. This is the "O" mark on the flywheel. Then measure over to the left from the "O" mark 14.5 millimeters and scribe a line on the flywheel at this point. This is the "A" mark on the flywheel. Now proceed with the ignition timing instructions as follows.

The engine equipped with an electronic magneto needs no adjustments and during use the ignition does not change from the initial value set by the manufacturing company at time of first assembly. Should it be necessary to disassemble the magneto, it is necessary to follow these instructions for the timing:

- a) be careful to mount again the fixed part of the magneto on the exact position where it was fixed before (mark it before dismounting it)
- b) check the ignition. On the outer edge of the rotating part of the magneto there are two arrows:
arrow "O" = TDC - arrow "A" = spark advance
- c) have the magneto rotate as to reach the approximate position shown on picture B
- d) introduce the ignition dowel into the opposite hole placed on the rotating part of the magneto, as shown on picture B making small rotations in both ways and pressing lightly the dowel until it slips into the locating hole placed on the fixed part of the magneto, as to obtain the condition shown on picture A.

