

plate clockwise will retard ignition timing, counterclockwise rotation will advance ignition timing.

- d. Next connect continuity light to 2.3 cylinder breaker points. Rotate the crankshaft 180° in the clockwise direction and align the "F" (2.3 cylinder) timing mark to the timing index mark.

Adjustment may be done in the same manner as mentioned in section a and b by loosening two base plate locking screws ④.

- e. Recheck the contact breaker points gaps and recheck the ignition timing with service tester on page 85~86.

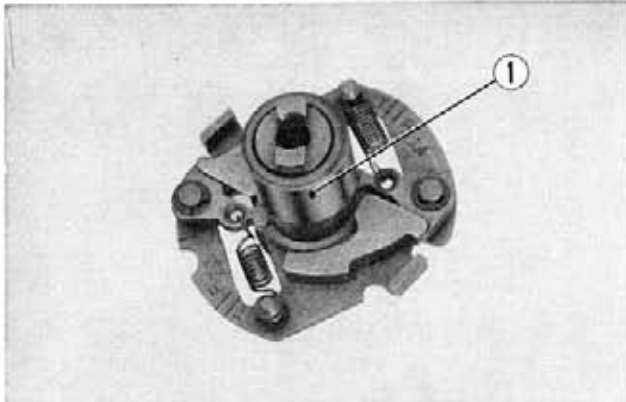


Fig. 7-21 ① Spark advancer

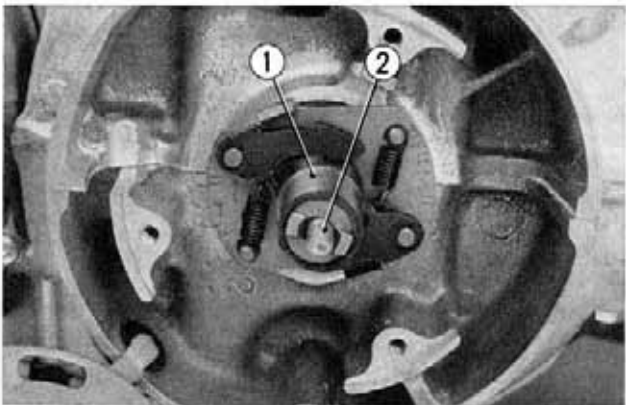


Fig. 7-22 ① Spark advancer  
② Spark advancer shaft

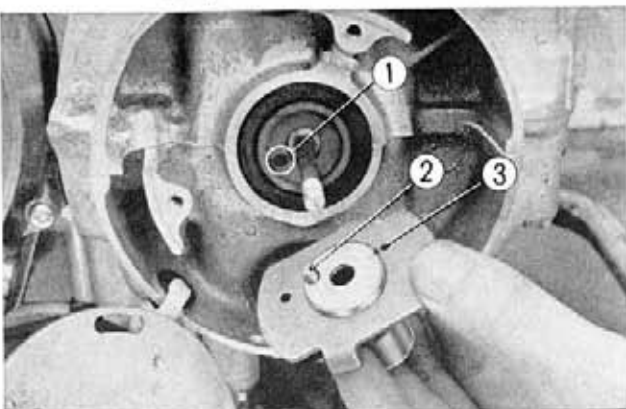


Fig. 7-23 ① Pin hole  
② Spark advancer pin  
③ Spark advancer

## 7-5 SPARK ADVANCER

### a. Description

Centrifugal advance type mechanism is used to advance the spark.

As the speed of the engine increases, the centrifugal force of the advancer weight overrides the force of the spring and starts to move outward, moving the point cam in the direction of rotation, in other words, advances the point cam to produce an early ignition.

The advancer assembly is mounted on the crankshaft inboard of the contact breaker point assembly. (Fig. 7-21)

### b. Disassembly

1. Remove the contact breaker in accordance with section 7-4. b on page 90.
2. Remove the spark advancer from the spark advancer shaft. (Fig. 7-22)

### c. Inspection

Check the spark advancer spring for loss of tension and also the advancer pin for excessive wear; replace any part found worn excessively or defective.

### d. Reassembly

1. Install the spark advancer to make sure that the pin is inserted into the pin hole at the end of the crankshaft. (Fig. 7-23)
2. Install the contact breaker assembly in the reverse procedure of disassembly.