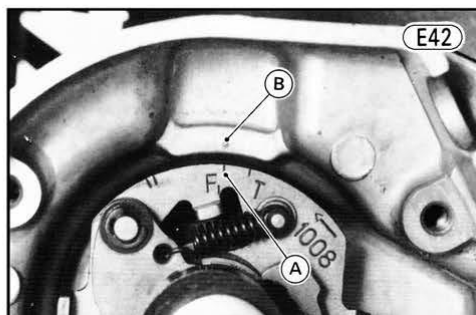


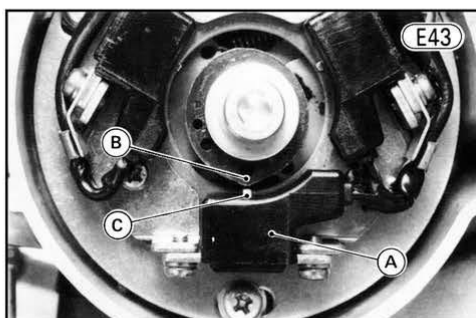
DISASSEMBLY--ENGINE INSTALLED

CAUTION To rotate the automatic timing advancer, always turn the crankshaft with a wrench. Do not try to turn the timing advancer with a wrench on the timing advancer mounting bolt.



A. "F" Mark B. Timing Mark

- Install the pick-up coil assembly so that the projection on the timing rotor aligns with the pick-up coil core for #1 and #6 cylinders.



A. Pick-up Coil for #1 and #6 Cylinder B. Projection C. Coil Core

- Tighten the mounting screws (3).
- Fit the lead grommet into the notch in the housing, and install the gasket and cover.
- Route the pick-up coil leads through the hole in the cylinder head, and connect the 6-pin connectors.
- Install the alternator cover (Pg. 85).
- Install the fuel tank (Pg. 46).

AUTOMATIC TIMING ADVANCER HOUSING, AUTOMATIC TIMING ADVANCER

Removal:

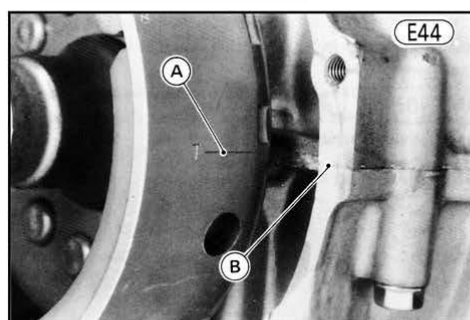
- Remove the pick-up coil cover and gasket by removing the Allen bolts (2).

- Remove the mounting screws (3) with a flat washer and a lockwasher, and remove the pick-up coil assembly.
- Remove the Allen bolts (2), and pull off the automatic timing advancer housing. There is an O ring on the cover mating surface, and one on the boss of the housing.

Installation:

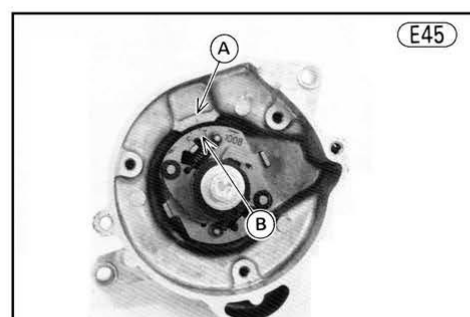
NOTE: If the housing itself is replaced with a new one, mark a new timing mark on the housing as mentioned in the "Assembly Notes" of the automatic timing advancer housing (Pg. 59).

- Remove the alternator cover (Pg. 85). Complete removal is not required, so the leads may be left connected.
- With a 14 mm wrench on the alternator rotor bolt, turn the crankshaft clockwise until the "T" mark on the alternator rotor is aligned with the crankcase halves mating surface on the front side of the alternator rotor. At this point, pistons #1 and #6 are at top dead center (TDC).



A. "T" Mark B. Mating Surface

- Apply a little engine oil to the O ring on the housing, and place the O ring on the cover mating surface with a little grease applied to it.
- Turn the timing advancer so that the "T" mark on the timing advancer is aligned with the timing mark on the housing.



A. Timing Mark B. "T" Mark