

HONDA**SERVICE BULLETIN**CB750 #8
11/6/69IGNITION TIMING WITH BENT ADVANCER SHAFT

A bent or out-of-center advancer shaft may cause difficult or inaccurate timing on the CB-750. If the advancer shaft appears to be bent after installation in the crankshaft, it should be straightened without removing it from the crankshaft.

The advancer shaft hole in the crankshaft is not drilled exactly dead center. Therefore, any advancer shaft, regardless how straight, will appear bent or out-of-center when installed in the crankshaft.

To true the advancer shaft with respect to the crankshaft, remove the advancer mechanism and with the handlebar ignition switch turned off, rotate the crankshaft with the starter motor. Bend the advancer shaft into center until there is no noticeable wobble when the crankshaft is rotating. A total indicated runout (TIR) 0.1 mm or less will permit satisfactory timing.

Installation of the advancer shaft into the crankshaft may be easier if the "O" ring ridges, which are slightly oversize, are ground down about 0.1 mm.

As indicated above, replacement of a bent advancer shaft with a new advancer shaft will not necessarily solve timing problems.

PARTS INFORMATION:

<u>Part Number</u>	<u>Description</u>	<u>Parts Catalog</u>
30231-300-010	Advancer Shaft	Page 14, Ref. 8

AMERICAN HONDA MOTOR CO., INC.
Service Department

9-550

ROUTING:

COPY 1
COPY 2 GENERAL MANAGER
 SERVICE MANAGER SALES DEPT.
 MECHANICS OFFICE FILE
 SHOP FILE