

## CRANKSHAFT/BALANCER

### CRANKSHAFT/BALANCER INSTALLATION

Clean the crankcase mating surfaces before assembling and check for wear or damage.

#### NOTE

- If there is minor roughness or irregularities on the crankcase mating surfaces, dress them with an oil stone.
- After cleaning, lubricate the crankshaft bearings and other contacting surfaces with clean engine oil.

Install the crankshaft assembly tool attachment into the thread end of the crankshaft.

Position the crankshaft into the left crankcase.

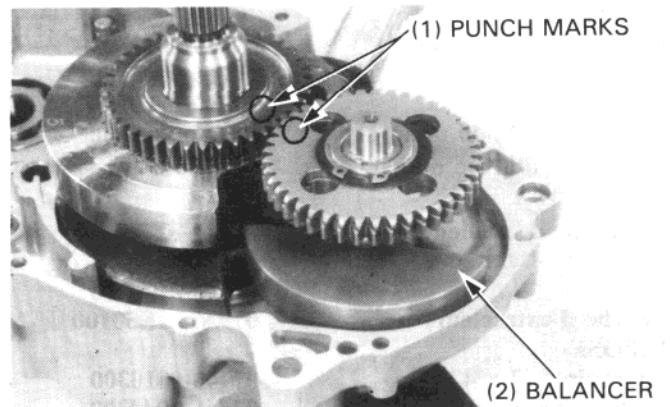
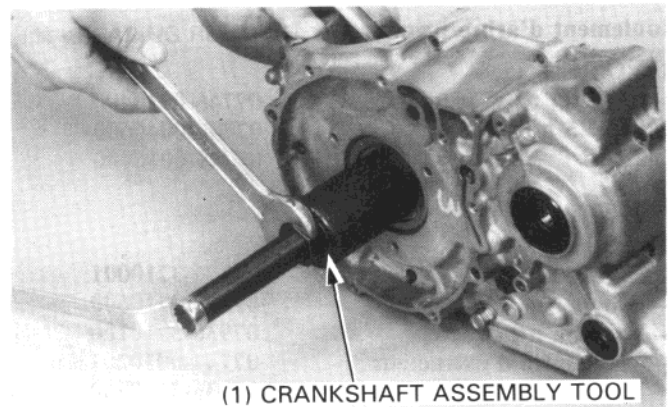
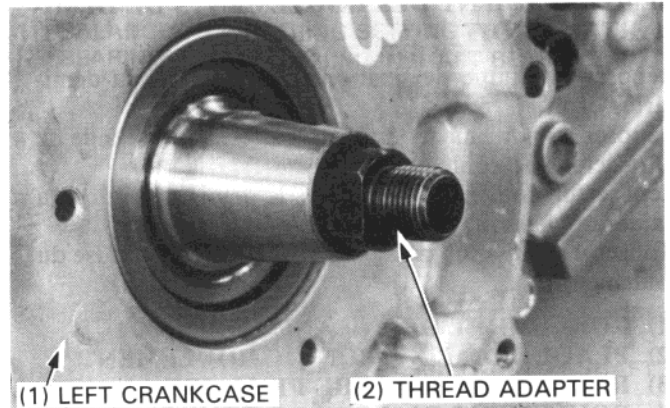
Draw the crankshaft into the left crankcase with the crankshaft assembly tool noting the connecting rod location. Remove the tool and attachment.

#### TOOLS:

THREAD ADAPTER	07931—KF00200
CRANKSHAFT ASSEMBLY TOOL	07931—KF00000
COLLAR	07931—KF00100
SHAFT PULLER	07931—ME40000

Install the balancer into the left crankcase aligning the punch marks on the crankshaft gear and the balancer gear.

Install the transmission (Section 11).



### CRANKCASE ASSEMBLY

Install the two dowel pins and a new gasket.

