

CRANKSHAFT REMOVAL

Separate the crankcase and remove the transmission (section 12).

Remove the crankshaft and balancer from the right crankcase.

CAUTION:

Be careful not to damage the crankcase mating surface and crankshaft assembly.

Remove the left crankshaft bearing using the bearing puller with a suitable protector.

CAUTION:

*-Be careful not to damage the balancer drive gear.
-If the balancer drive gear is scratched, file off the scratched part.*

TOOL:

Universal bearing puller 07631 - 0010000

NOTE:

Always replace the left bearing with a new one if it comes out with the crankshaft.

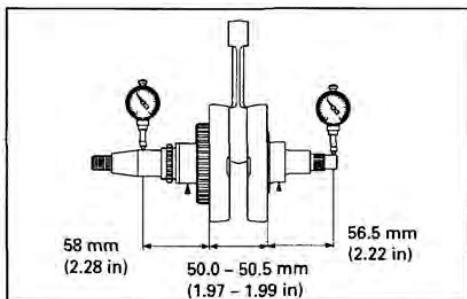


INSPECTION

Crankshaft Runout

Place the crankshaft on a stand or V-blocks.
Set the dial indicator on the shafts.
Rotate the crankshaft two revolutions and read the runout.

SERVICE LIMIT: 0.03 mm (0.001 in)



Big End Side Clearance

Measure the side clearance of the connecting rod big end.

SERVICE LIMIT: 0.6 mm (0.02 in)

