

## CRANKCASE SEPARATION

Remove the necessary parts for adjustment

( 11.1)

Remove upper crankcase bolt

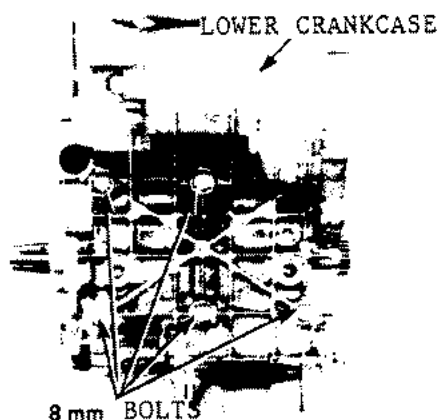
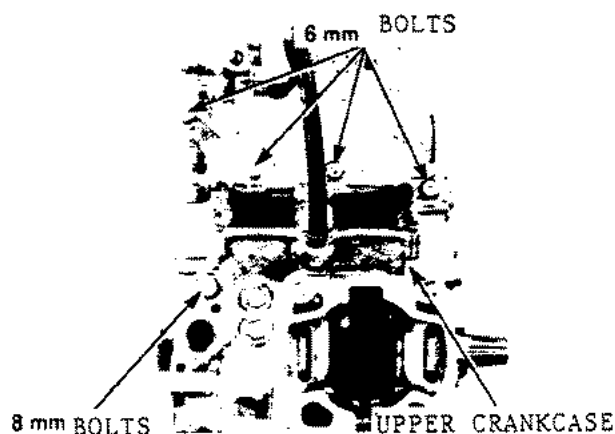
\* So that the cases do not warp remove the small bolts first, moving to the bigger bolts, removing opposite bolts 2-3 turns at a time

Lower upper crankcase and remove lower crankcase bolt

Face upper crankcase upwards

Pull upper crankcase upwards and separate crankcase

\* Take care not to mark align marks with driver etc  
\* Lightly tap cases with plastic hammer to separate



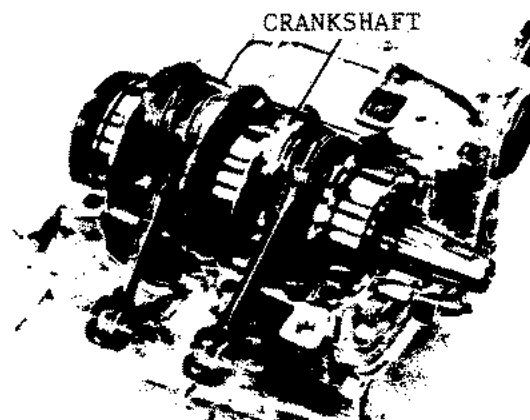
## CRANKSHAFT

Crankshaft Removal

Hold both ends of crankshaft and pull crankshaft assy upwards from lower crankcase.

Remove oil seals from both ends of crankshaft

\* Take care not to damage oil seal lip



## OIL SEAL INSPECTION

Inspect oil seal for damage. Particularly if you can see damage to oil seal lip, engine performance will be affected unless seal is replaced.

\* If damage can be seen to middle oil seal in crankshaft, replace as a crankshaft assembly.

