

# 11. CRANKCASE/PISTON/CYLINDER

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## SERVICE INFORMATION

### GENERAL

- The crankcase must be separated to service the crankshaft, piston, cylinder and transmission.
- The following parts must be removed before separating the crankcase.
  - Alternator/flywheel (Section 10)
  - Clutch (Section 9)
  - Cylinder head (Section 8)
  - Engine (Section 7)
  - Gearshift linkage (Section 10)
  - Oil pump (Section 4)
- Mark and store the disassembled parts to ensure that they are installed in their original locations.
- Mark and store the bearing inserts to be sure of their correct locations for reassembly. If the inserts are improperly installed, they will block the oil hole, causing insufficient lubrication and eventual engine seizure.
- The connecting rod bearing inserts are select fit and are identified by color codes. Select replacement bearings from the code tables. After installing new bearings, recheck them with plastigauge to verify clearance. Apply molybdenum disulfide oil to the crank pin during assembly.