

CONNECTING ROD INSPECTION

B3E011011211201

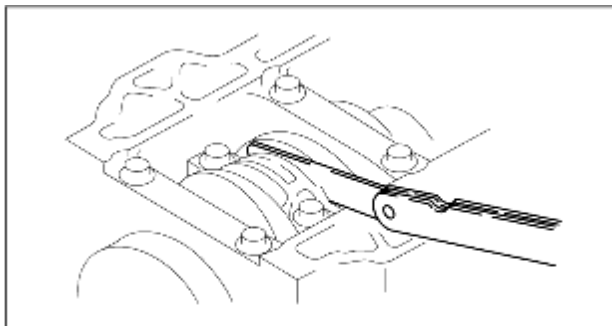
Caution

- The piston, piston ring and connecting rod cannot be disassembled.
- When replacing the piston, piston pin, piston ring and connecting rod, replace them together as a single unit.

1. Install the connecting rod cap. (See [Connecting Rod Cap Assembly Note](#).)

2. Measure the connecting rod large end side clearance.

- If it exceeds the specification, replace the piston, piston pin, piston ring and connecting rod as a single unit.



B3 E0110 E087

Standard clearance
0.14-0.36 mm {0.0056-0.0141 in}
Maximum clearance
0.435 mm {0.0172 in}

3. Remove the connecting rod cap.

4. Position plastigauge atop the journals in the axial direction.

5. Install the connecting rod bearing and connecting rod cap. (See [Connecting Rod Cap Assembly Note](#).)

6. Remove the connecting rod cap.

7. Measure the connecting rod oil clearance.

- If it exceeds the specification, replace the connecting rod bearing or grind the crank pin and use oversize bearings so that the specified clearance is obtained.

Standard clearance
0.026-0.052 mm {0.0011-0.0020 in}
Maximum clearance
0.1 mm {0.0039 in}
 mm {in}

Bearing size	L8, LF	L3
Standard	1.498-1.504 {0.0589-0.0592}	1.496-1.502 {0.0589-0.0591}
0.50 {0.02} oversize	1.748-1.754 {0.0688-0.0690}	1.746-1.752 {1.688-0.0690}
0.25 {0.01} oversize	1.623-1.629 {0.0639-0.0641}	1.621-1.627 {0.0639-0.041}