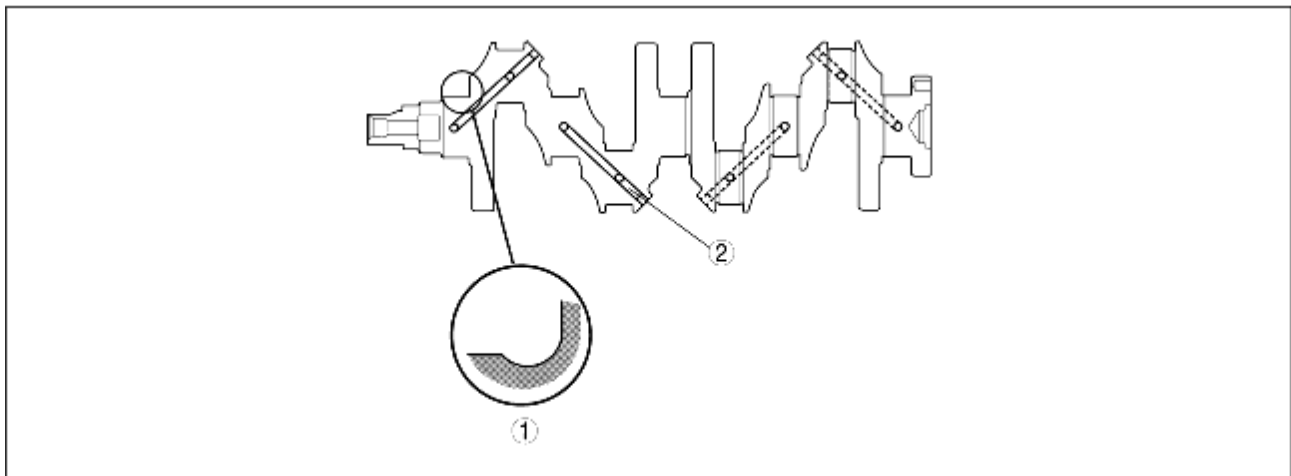


CRANKSHAFT, MAIN BEARING CONSTRUCTION [ZJ, Z6]

B3E011011301T01

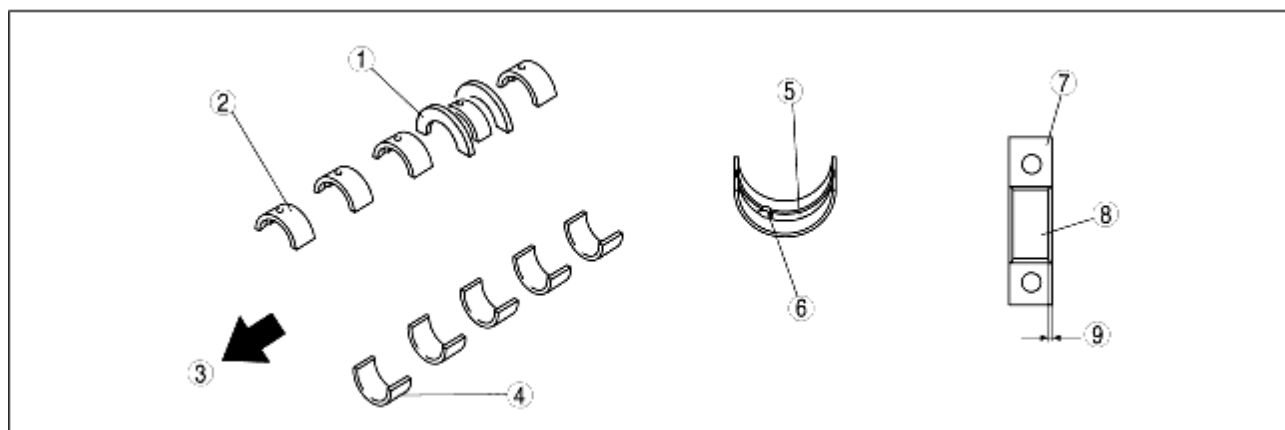
- A cast iron, five-bearing, four-counter weight crankshaft has been adopted for correction of crankshaft related balance.
- An oil line for supplying oil to each journal is provided in the crankshaft.
- Crank pins and fillets on both sides of the journal are rolled to bear heavy loads.



B3E01 10T003

1	Fillet roll area
2	Oil passage

- Upper and lower main bearings are made of aluminum alloy. The upper main bearing has oil grooves and an oil hole.
- There is no upper and lower bearings positioning tab for installing the main journal.
- Measure and attach the main bearings (upper and lower) so that they are positioned at the center of the main bearing cap.



B3E01 10T013

1	Thrust bearing
2	Upper main bearing
3	Front
4	Lower main bearing
5	Upper main bearing oil groove
6	Oil hole
7	Main bearing journal
8	Main bearing
9	Specified measurement

- Three kinds of main bearings are available depending on the oil clearance.

Bearing size	Bearing thickness (mm {in})
Standard	2.511-2.529 {0.0989-0.0995}
0.25 {0.01} Oversize	2.625-2.635 {0.1034-0.1037}
0.50 {0.02} Oversize	2.750-2.760 {0.1083-0.1086}