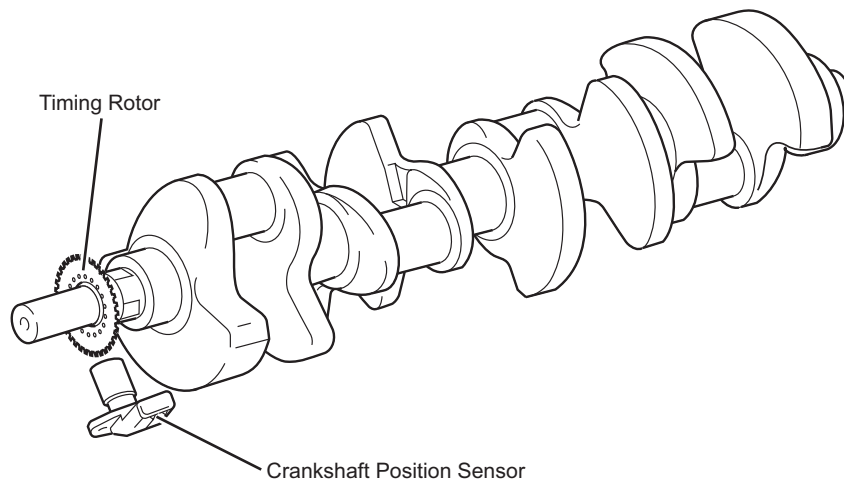


Crankshaft

- By optimizing the shape of the balance weights, the crankshaft has been made lightweight, and its response has been improved. In addition, the weights have been arranged optimally to reduce the bearing load, thus improving the reliability of the bearings and reducing friction.
- A forged crankshaft with 5 main journals, 4 connecting rod pins and 8 balance weights is used.
- Crank pins and main journals are induction-hardened to make sure the reliability.
- A timing rotor for detecting the crankshaft position has been installed.

EG



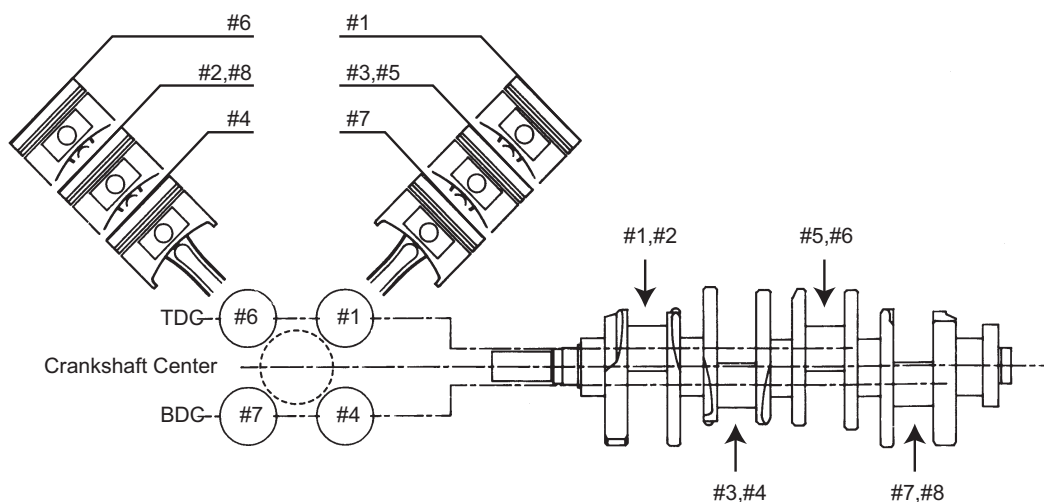
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Crankshaft

Journal Diameter	[mm (in.)]	67.0 (2.638)
Crank Pin Diameter	[mm (in.)]	52.0 (2.047)
Crank Pin Stroke Radius	[mm (in.)]	41.25 (1.624)

Relation between a crank pin position and a piston position

- The drawing below shows the positions of the crankshaft pins and pistons.
- Numbers of the crankshaft and pistons are shown on the right side.



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