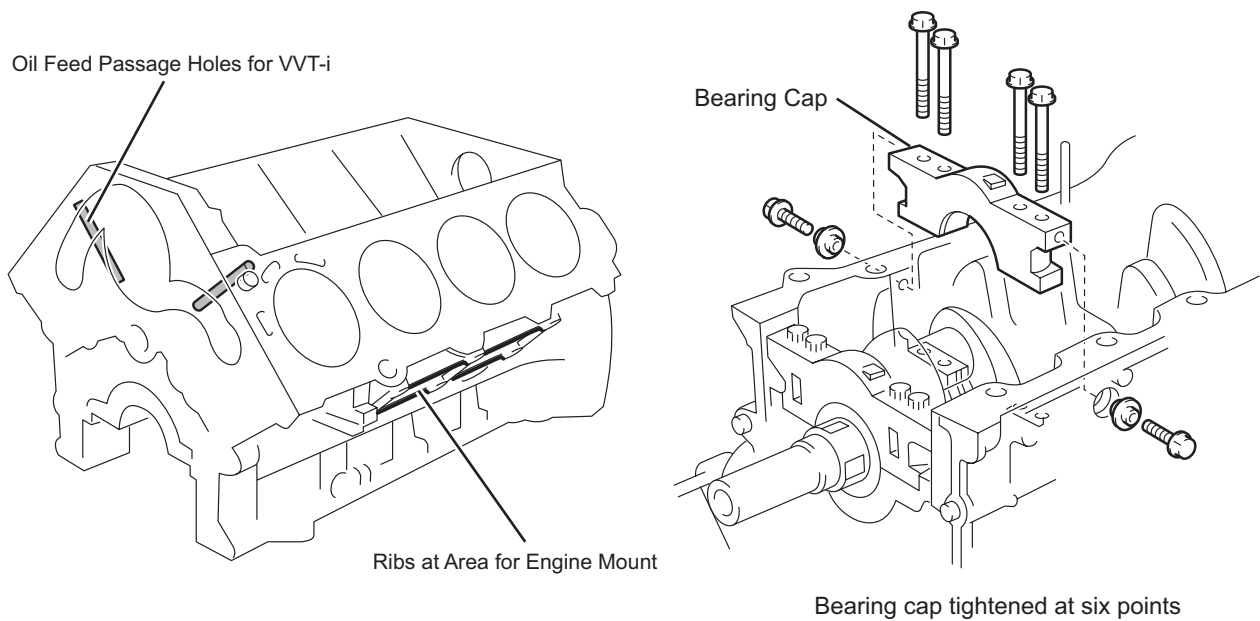


Cylinder Block

- With a 90° bank angle, a 21mm(0.827in.) bank offset, and a 105.5mm(4.154in.) bore pitch, a compact cylinder block has been achieved by keeping the overall length and overall width down.
- A thin cast-iron liner is press-fitted inside the cylinder to ensure an added reliability.
- Passage holes have been added in the No. 2 crankcase bulkhead to reduce pumping loss.
- Ribs have been added to the area for receiving the engine mount brackets to reduce noise.
- The bearing caps have been tightened with the plastic region tightening method to enhance the reliability at the areas for the journals.
- Oil feed passage holes for the VVT-i have been provided inside the V bank in front of the engine.



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Cylinder Block

Overall Length	[mm (in.)]	495.0 (19.488)
Overall Width	[mm (in.)]	440.0 (17.323)
Overall Height	[mm (in.)]	320.0 (12.598)
Bore Diameter	[mm (in.)]	91.0 (3.583)
Bore Center Distance	[mm (in.)]	105.5 (4.154)