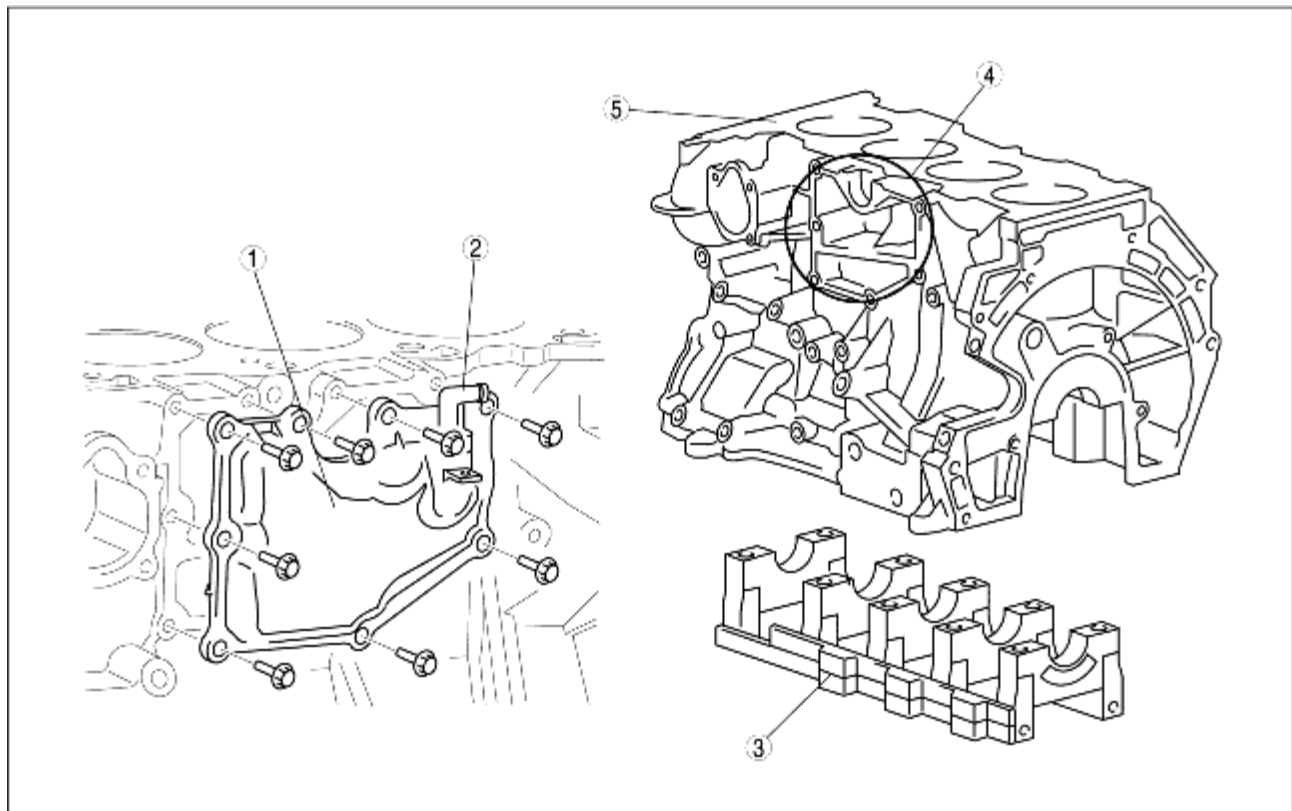


CYLINDER BLOCK CONSTRUCTION [LF]

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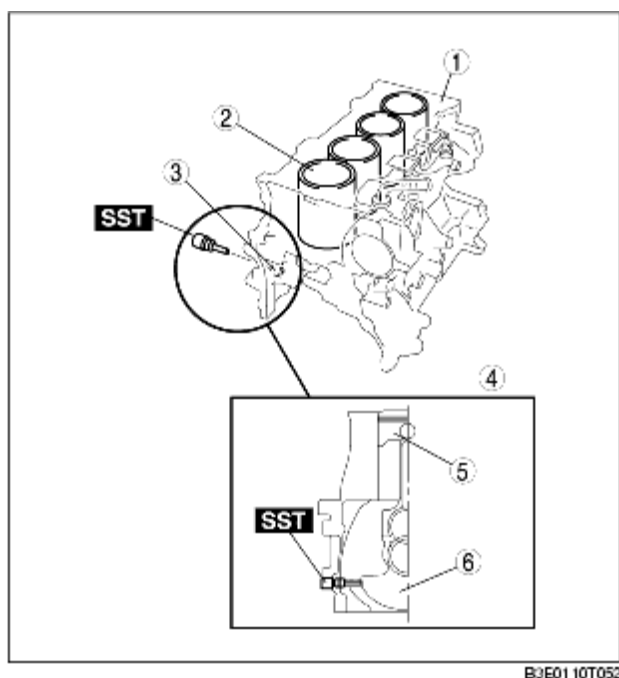
- The cylinder block is made of aluminum alloy, which is cast with the cast iron liner, improving heat radiation and decreasing weight.
- The cylinder block is a deep skirt type and forms a ladder frame structure with the integrated main bearing cap. The water jacket of the cylinder block is a closed deck type. Its higher rigidity reduces vibration and noise.
- The cylinder block has an oil separator cover on the opposite side of the fresh air intake, the PCV (positive crankcase ventilation) valve and the oil separator function with an part for installing the PCV valve, to improve blow-by gas ventilation efficiency.
- There is no positioning tab where the upper and lower main bearings are installed.
- The main bearing cap bolts are plastic region tightening bolts to be tightened in two steps to insure tightening stability.



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1	Oil separator cover
2	PCV valve
3	Main bearing cap
4	Oil separator cover attachment part
5	Cylinder block

- The service hole for installing the **SST**, which is used for detecting the No.1 cylinder TDC position, is located at the right side of the cylinder block. The TDC position can be detected when the **SST** edge touches the cutting surface of the No.1 counter weight.



1	Cylinder block
2	No.1 cylinder
3	Service hole
4	No.1 cylinder TDC position
5	No.1 piston
6	Crankshaft counter