

CAMSHAFT [SKYACTIV-G 2.5T]

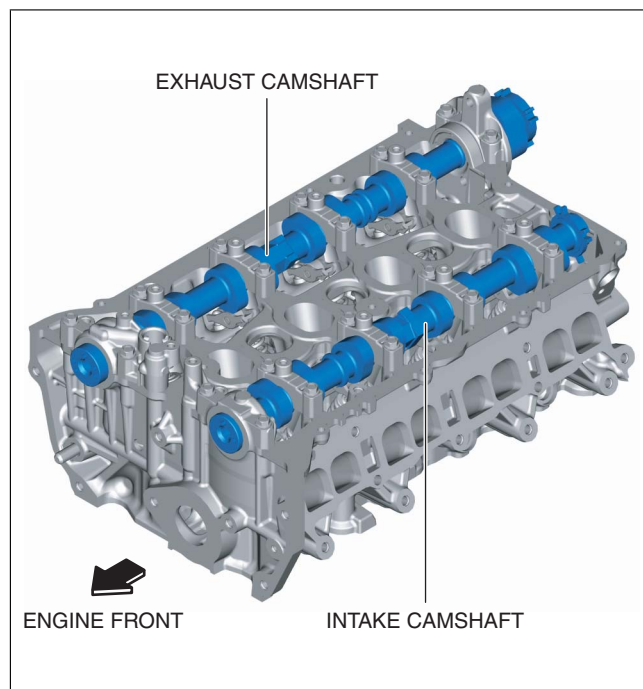
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Purpose, Function

- The camshaft is rotated by receiving the rotation force of the crankshaft via the timing chain. The valve is opened and closed according to the cam shape at this time.

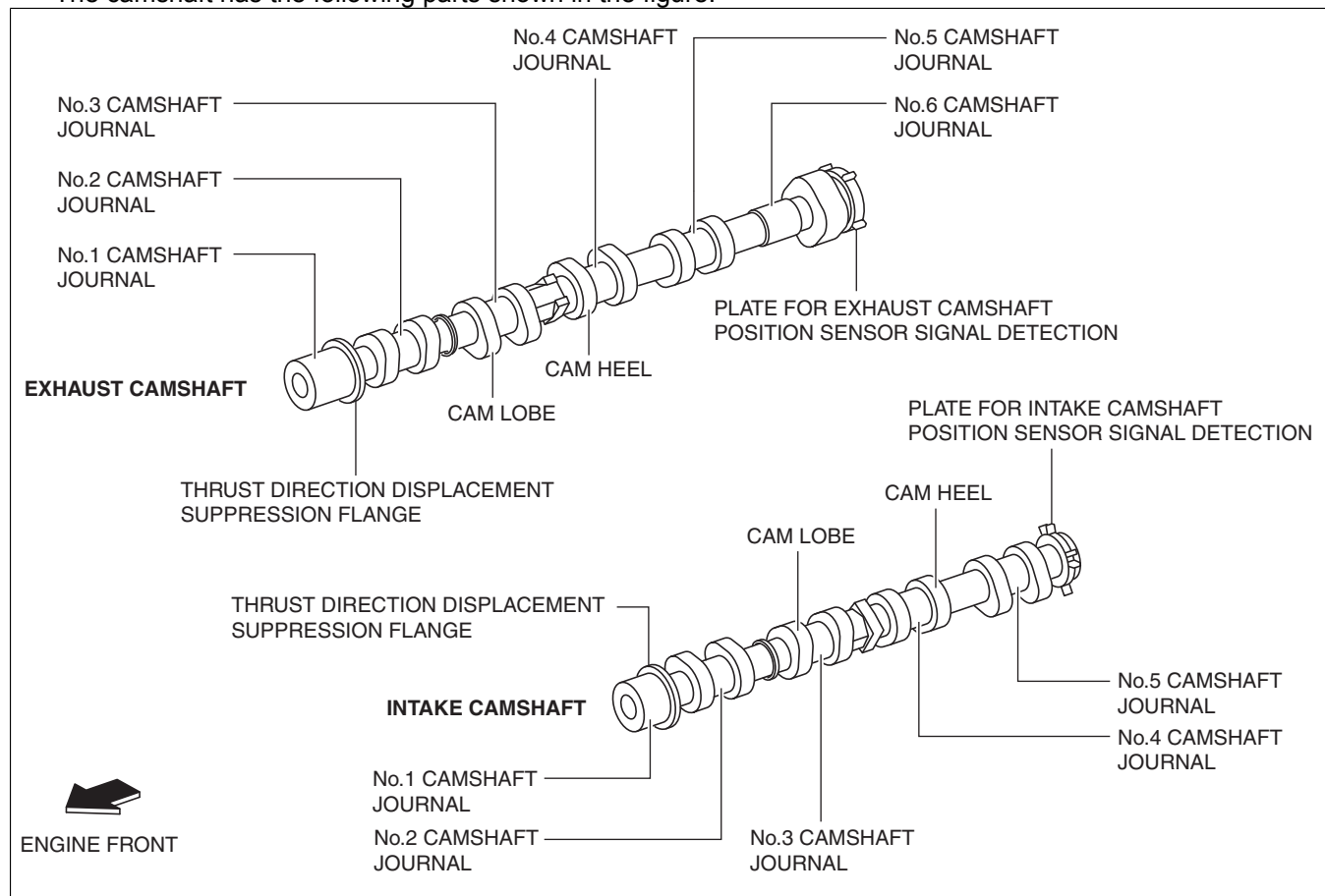
Construction

- The camshaft is located on the cylinder head.



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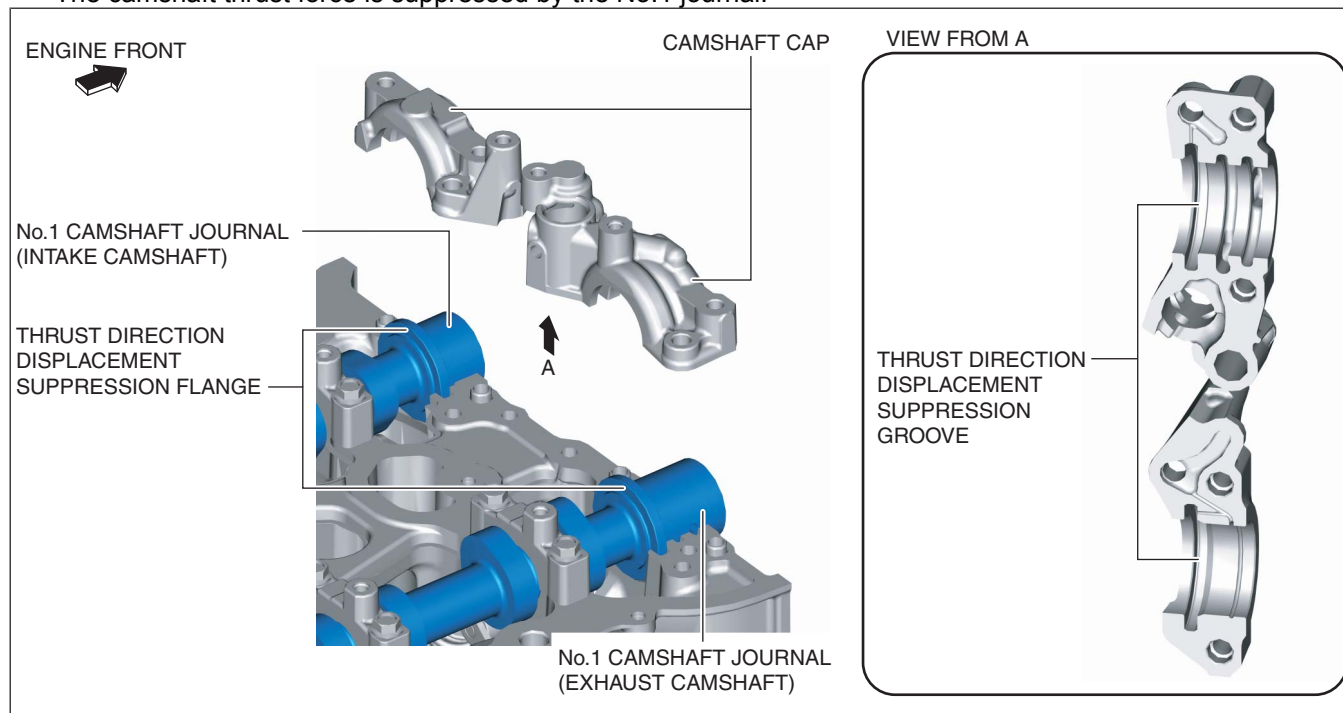
- The camshaft has the following parts shown in the figure.



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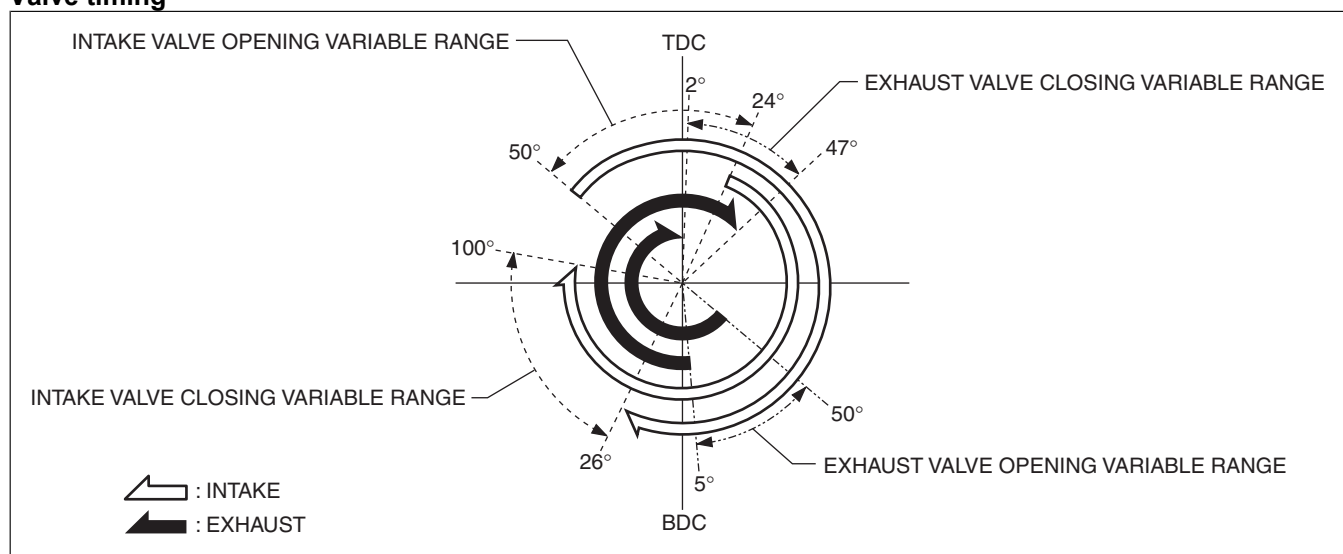
- The intake camshaft is a five-bearing type and the exhaust camshaft is a six-bearing type.

- The camshaft thrust force is suppressed by the No.1 journal.



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Valve timing



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Item				Specification
Valve timing	IN	Open	(°)	BTDC 50—ATDC 24
		Close	(°)	ABDC 26—ABDC 100
	EX	Open	(°)	BBDC 50—BBDC 5
		Close	(°)	ATDC 2—ATDC 47