

OIL CONTROL VALVE (OCV) [SKYACTIV-D 2.2]

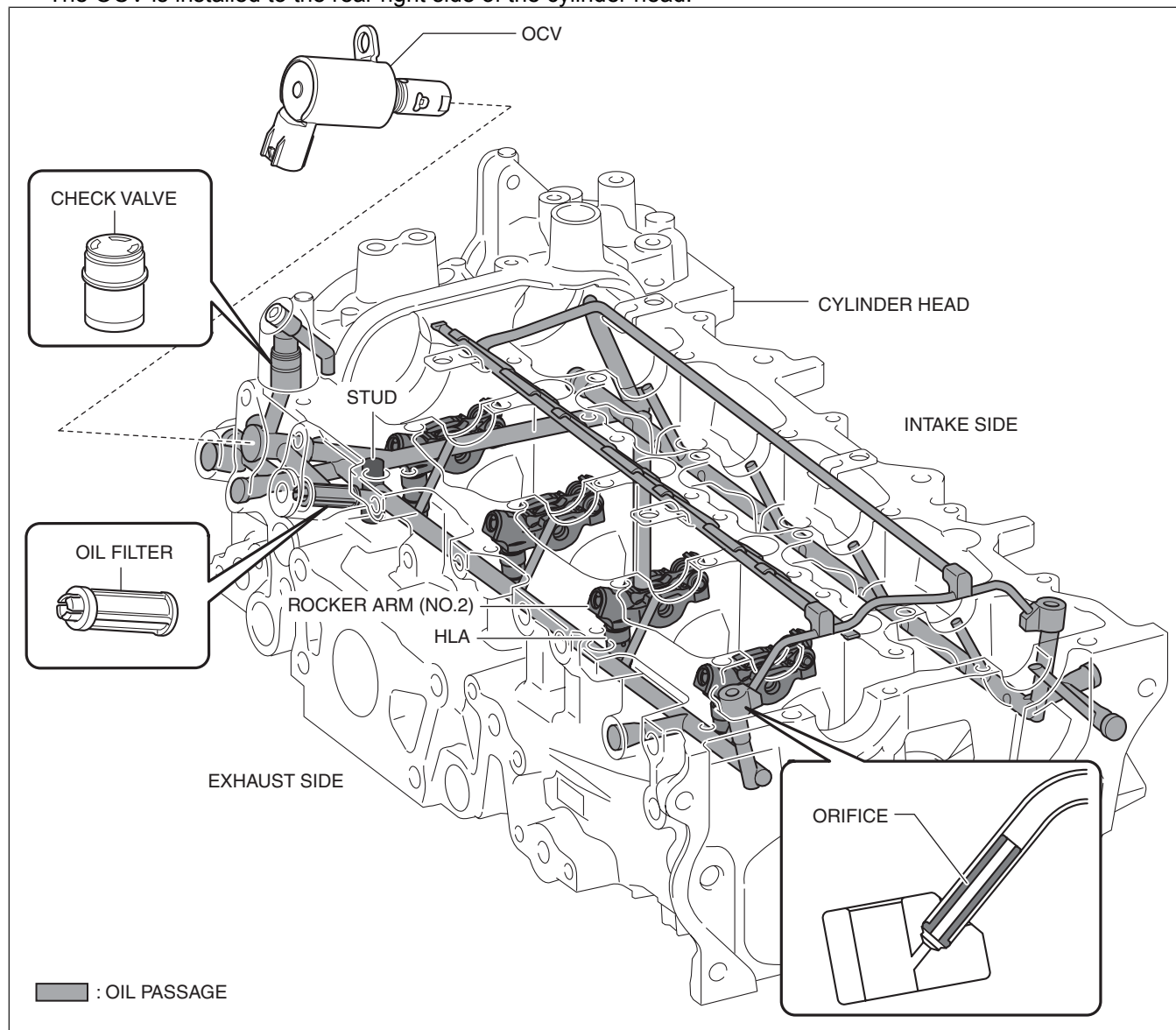
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Purpose, Function

- The OCV switches the hydraulic transmission passage in the cylinder head to change the hydraulic pressure applied to lock pin of the rocker arm (No.2).

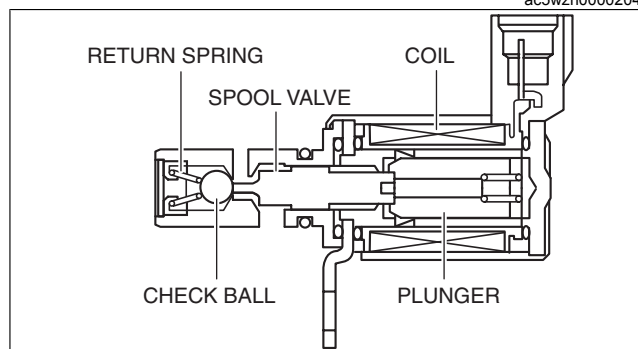
Construction

- The OCV is installed to the rear right side of the cylinder head.



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- The OCV consists of the following parts:

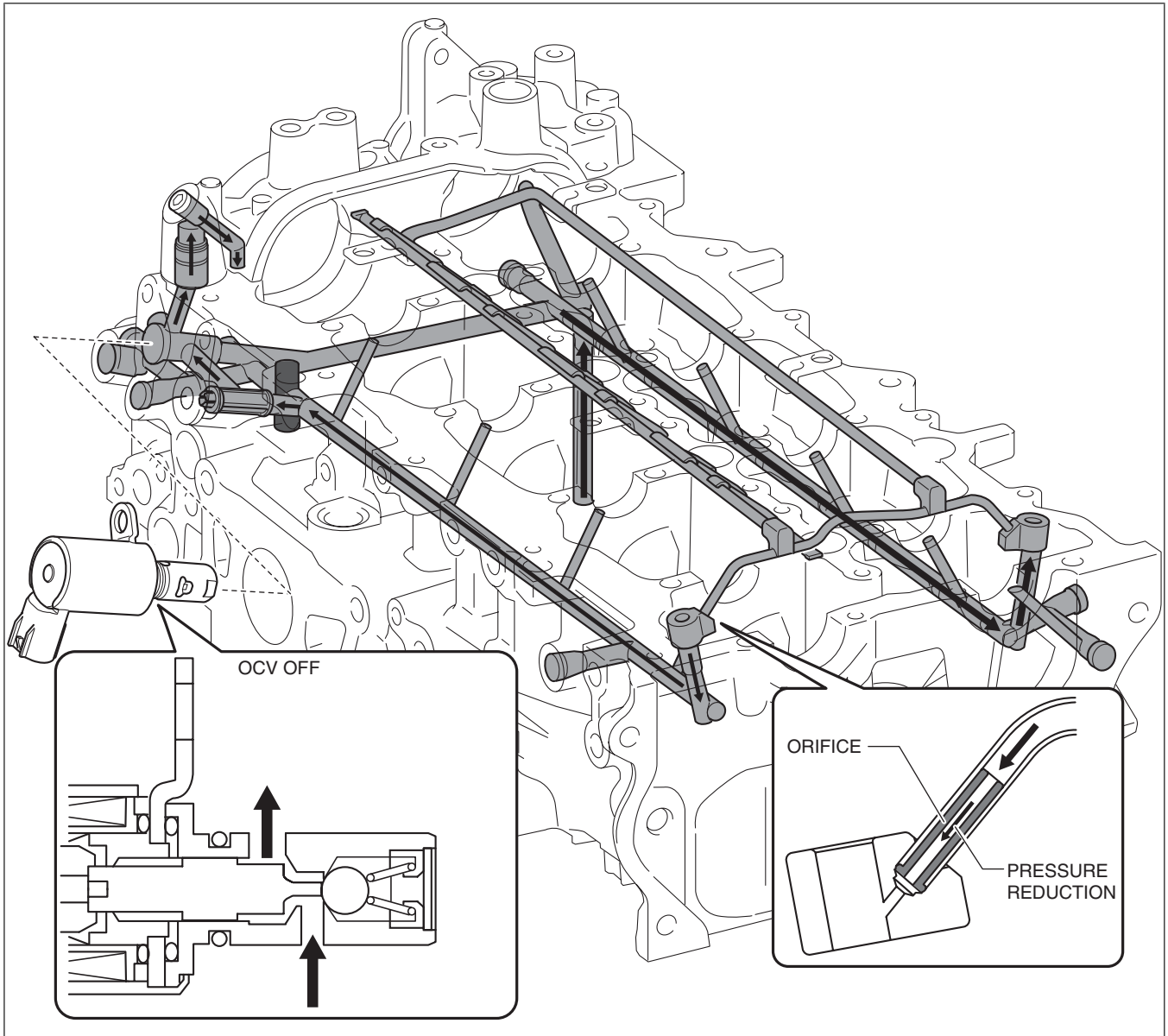


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Operation

OCV OFF

- Engine oil (low hydraulic pressure) flows through the orifice in the hydraulic passage on the exhaust side.



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OCV ON

- Engine oil (high hydraulic pressure) not passing through the orifice flows in the hydraulic passage on the exhaust side.

