

ENGINE OIL SOLENOID VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

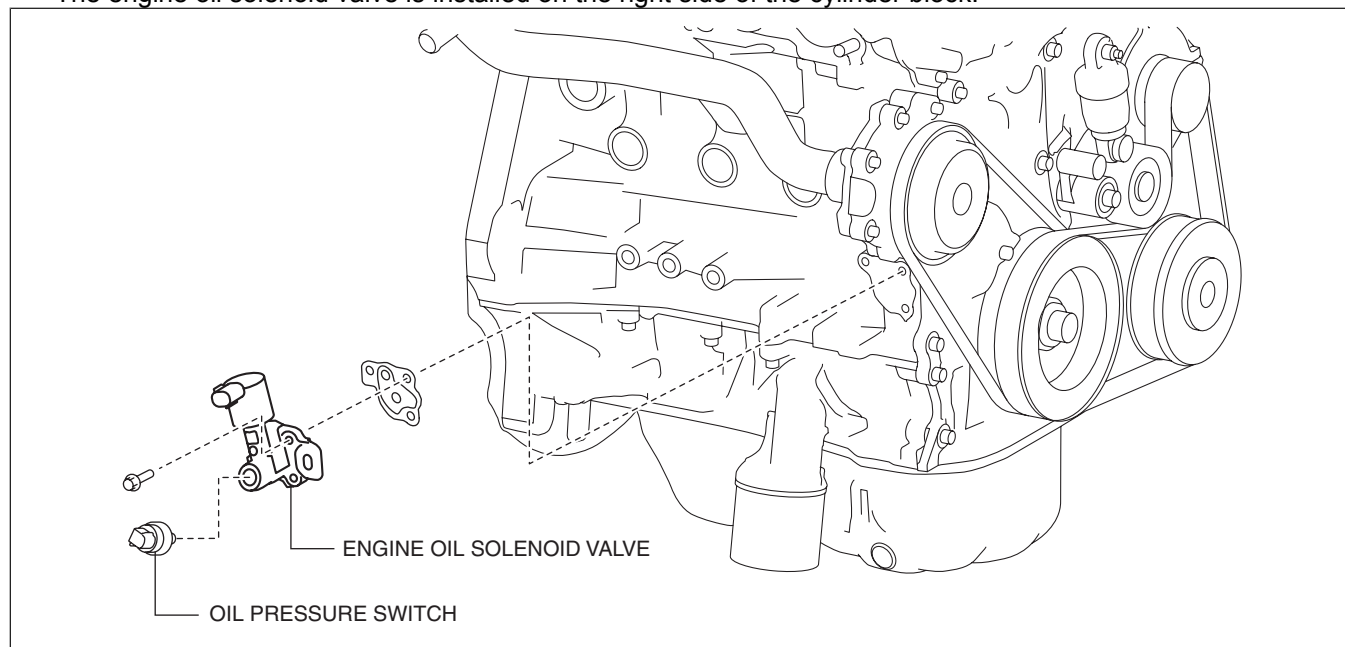
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Purpose, Function

- The engine oil solenoid valve switches the hydraulic transmission passage in accordance with the driving conditions and the oil pump drive resistance is reduced by controlling oil pump discharging pressure in two steps.

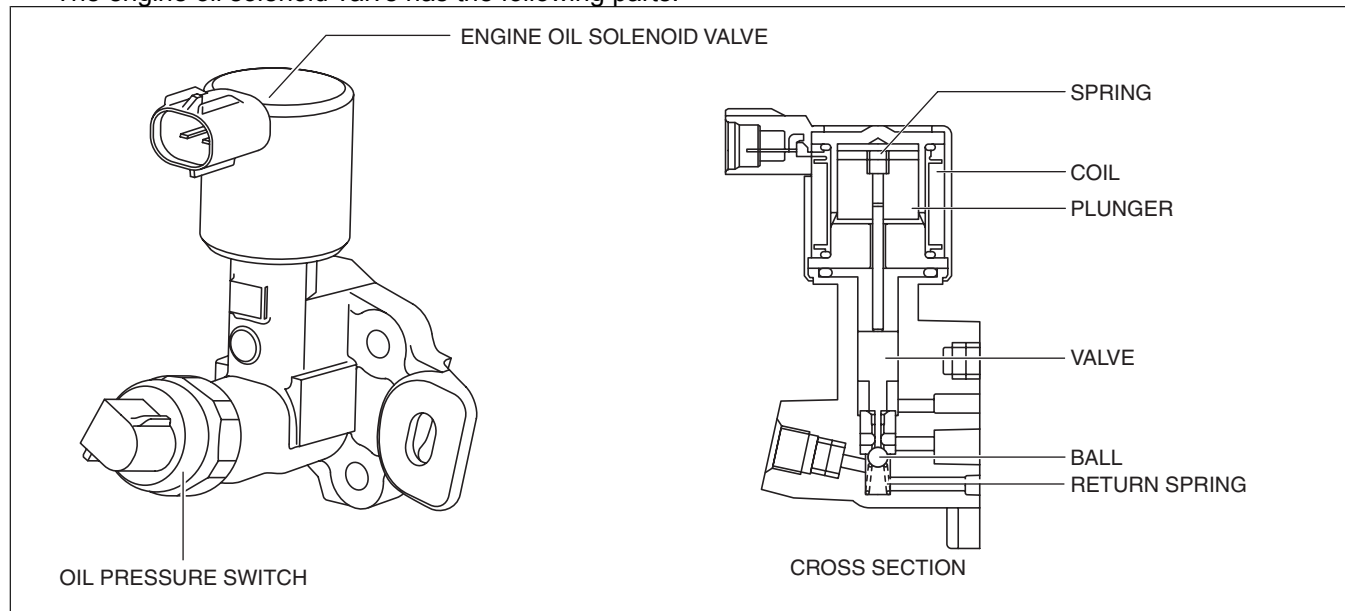
Construction

- The engine oil solenoid valve is installed on the right side of the cylinder block.



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- The engine oil solenoid valve has the following parts:

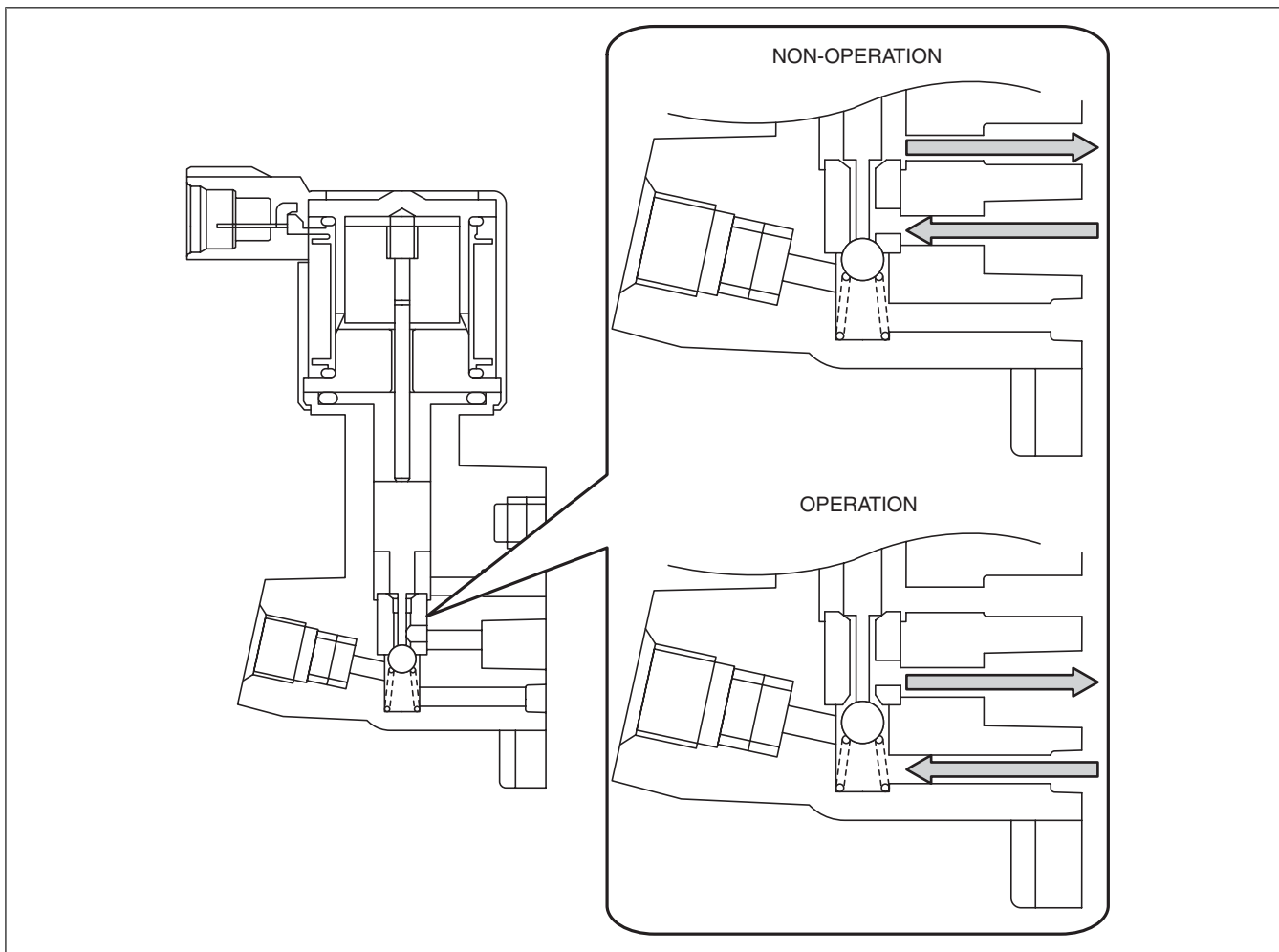


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- A duty drive type has been adopted.

Operation

- The oil passage in the solenoid valve is switched according to the control signal (duty signal) from the PCM.



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Fail-safe

- Function not equipped.