

FUEL PRESSURE RELIEF VALVE [SKYACTIV-D 2.2]

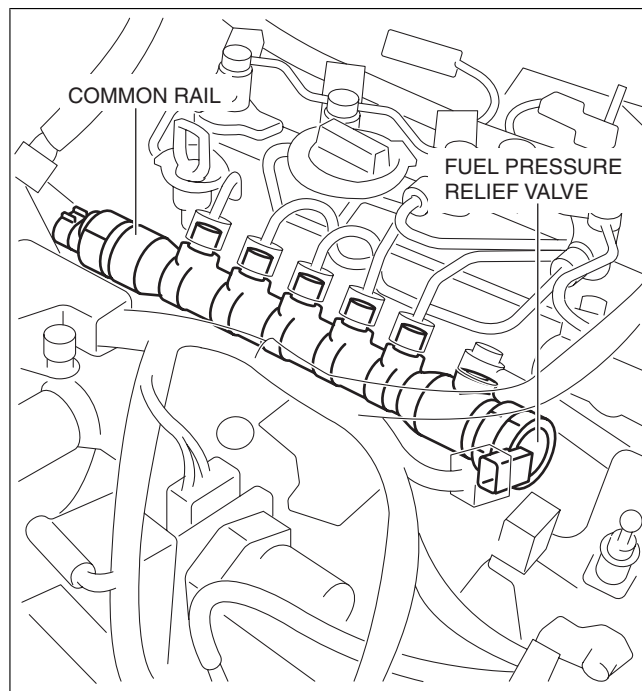
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Purpose, Function

- If the pressure in the common rail exceeds a certain value, fuel is discharged to assure safety.

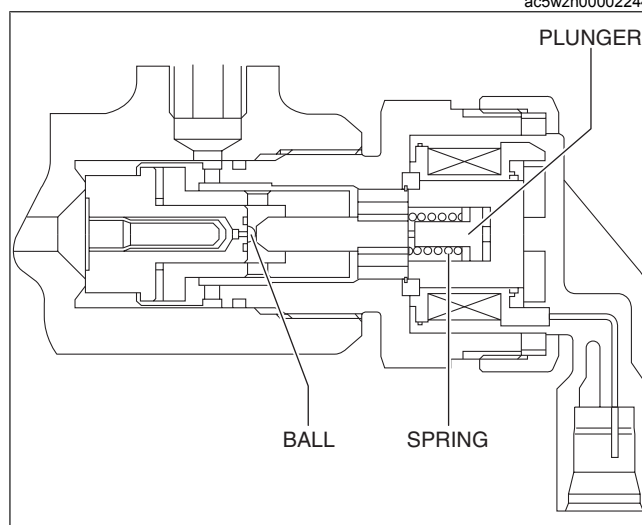
Construction

- The fuel pressure relief valve is installed to the common rail.



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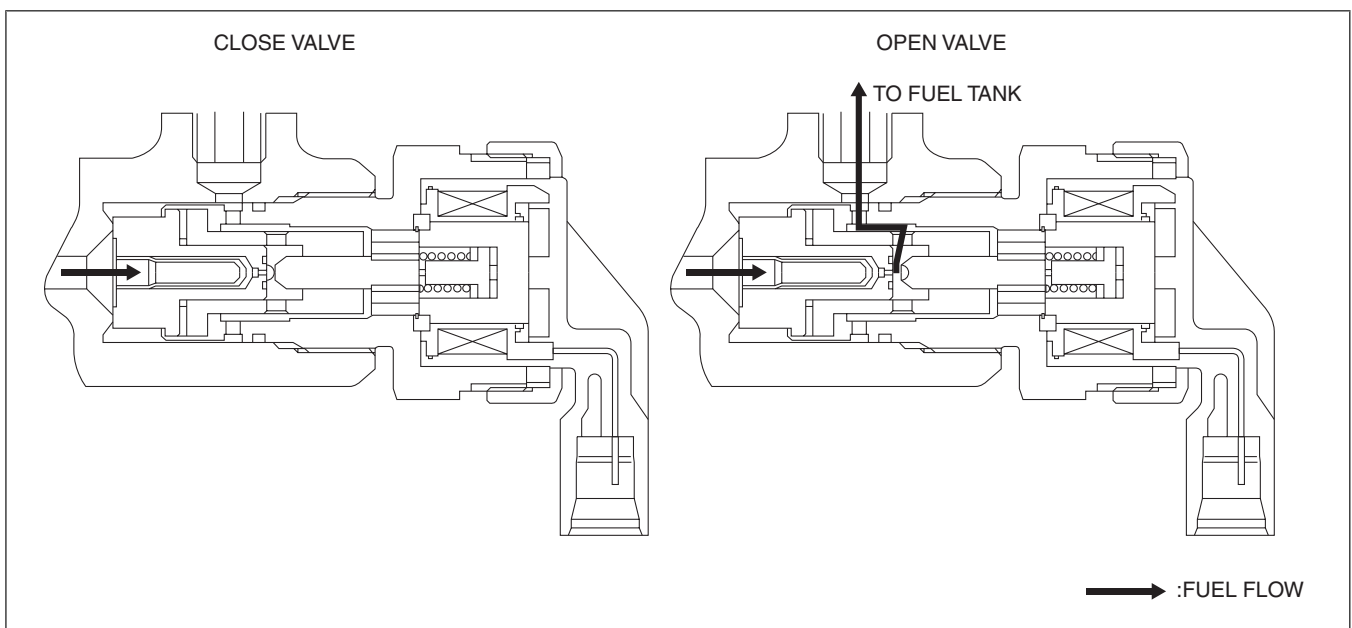
- The fuel pressure relief valve consists of a spring, ball, and plunger.



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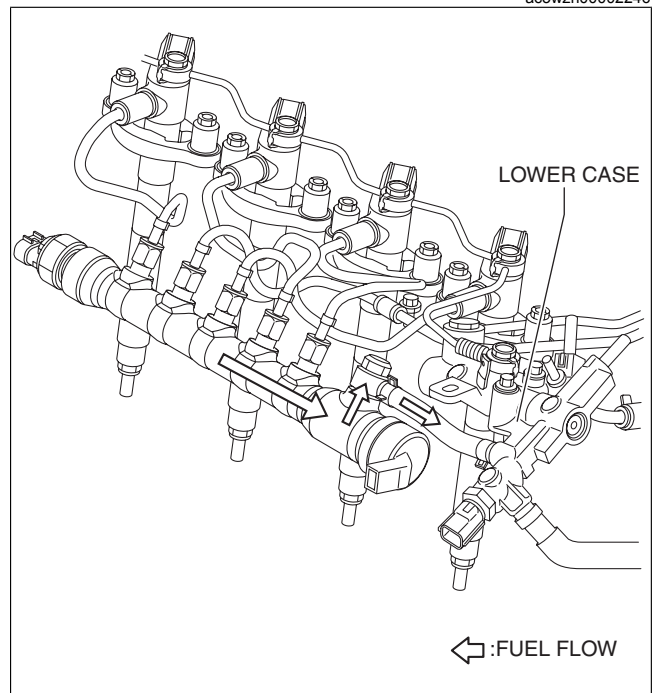
Operation

- According to the control signal from the PCM, the coil is energized and the plunger is operated to open the fuel passage.



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- The fuel passage opens and the pressure in the common rail flows to the lower case side.



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