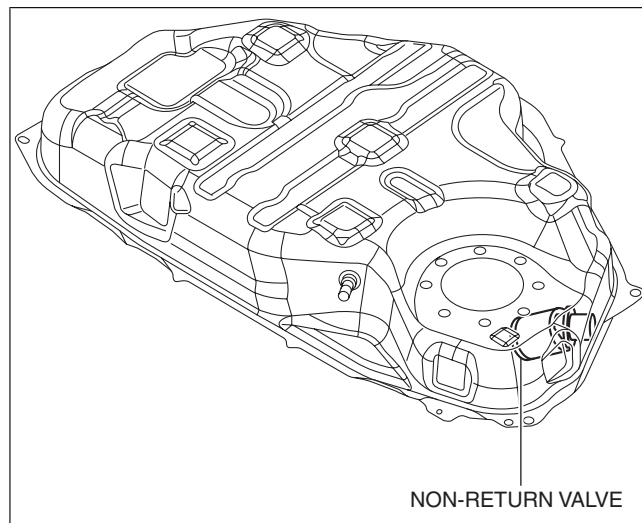## NON-RETURN VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

Purpose, Function
 • Assures safety by preventing fuel from returning to the fuel filler opening.

Construction
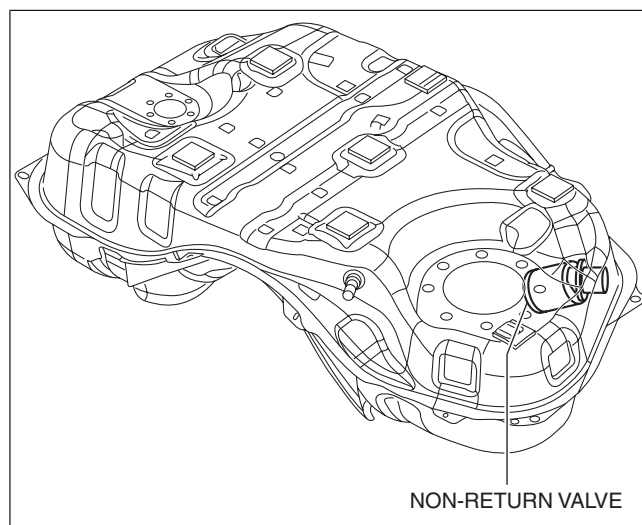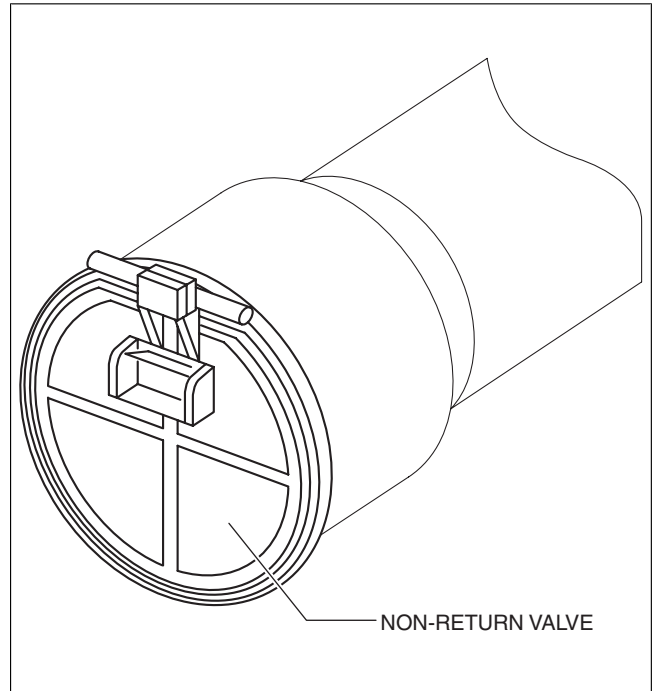 • The non-return valve cannot be removed as it is installed inside the fuel tank.
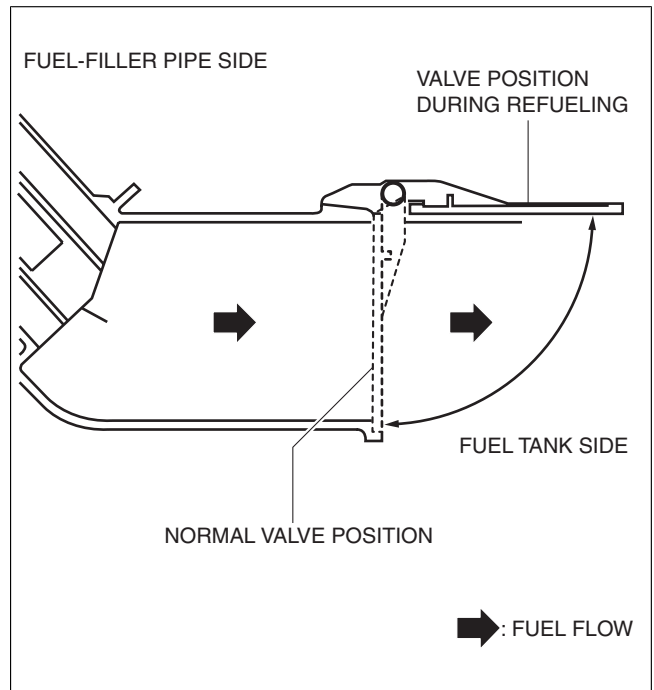**2WD**

NON-RETURN VALVE

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4WD

NON-RETURN VALVE

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• A single valve type has been adopted for the non-return valve.

NON-RETURN VALVE

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Operation
• Normally, the valve is closed as shown by the dotted line in the figure. When refueling, it opens as shown by the solid line due to the force caused by the flow of fuel. When refueling is finished, the valve returns to the normal valve position by spring force.

FUEL-FILLER PIPE SIDE

VALVE POSITION DURING REFUELING

FUEL TANK SIDE

NORMAL VALVE POSITION

: FUEL FLOW

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