

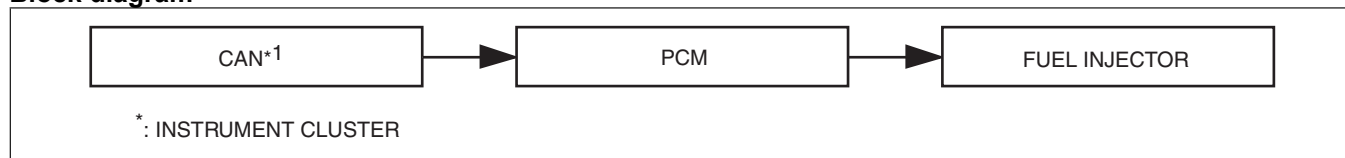
RUN DRY PREVENTION (RDP) CONTROL [SKYACTIV-D 2.2]

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Outline

- To prevent air from flowing into the fuel line when fuel in the fuel tank decreases, the output is intentionally controlled to warn the user to supply fuel.

Block diagram



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Operation

- The PCM stores the output limit or DTC according to the remaining fuel level.

Item	Behavior for remaining fuel level			
Fuel consumption amount from empty lamp illumination *1	0—5 L	5—6 L	6—6.1 L	6.1 L or more
Output restriction	—	Fuel injection amount control (Small *2)	Fuel injection amount control (Large *3)	Engine stall *4
DTC recorded in PCM	—	P115A:00	P0313:00	P115B:00

*1 : Regarding illumination conditions of the low fuel warning light, refer to Low Fuel Warning Light. (See LOW FUEL WARNING LIGHT.)

*2 : When accelerating, the engine output is suppressed by controlling the fuel injection amount.

*3 : Vibration of the vehicle body occurs due to the intermittent fuel cut.

*4 : If the engine is restarted, driving is possible after approx. 20 s have elapsed.