	GROUP Fuel	MODEL 2014-2016MY Soul (PS) 2015-2016MY Forte (YD) w/ GDI 2014-2015MY Sorento (XMa)
	NUMBER PS476 (Rev 1, 03/09/2018)	DATE March 2017



TECHNICAL OPERATIONS

SUBJECT: INTERMITTENT LACK OF POWER OR HESITATION
UPON ACCELERATION – RESTRICTED FUEL LINE

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

Customers may experience an intermittent lack of power or hesitation upon acceleration. The malfunction indicator lamp may not illuminate or DTC P0087 may be stored (history). This is possibly due to a restricted low pressure fuel line.

DTC P0087: Fuel Rail/System Pressure – Too Low



Restricted Fuel Line

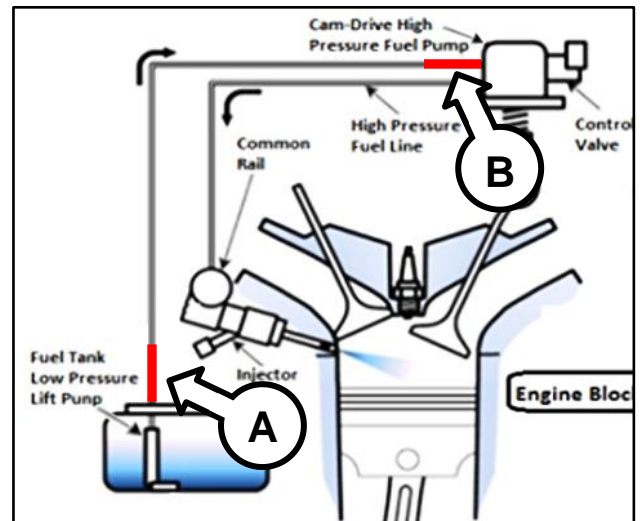
Begin by checking the fuel pressure at the low pressure pump fuel output line (A, page 2) in the fuel tank using a fuel gauge kit, tool number: FPG2200. The gauge should display above the PSI shown in the table below if the low pressure fuel pump functions correctly.

Model Year	Model	Engine	Fuel Rail/System Pressure (PSI)
2015-2016	YD	1.6L-T	69.6
		2.0L	71.8
2014-2016	PS	1.6L	69.6
		2.0L	71.8
2014-2015	XMa	2.4L	69.7
		3.3L	69.7

When the lack of power/hesitation occurs and the fuel pressure at the fuel tank is within specifications, disconnect the fuel pressure gauge from the low pressure pump (A) and connect it at the high pressure pump fuel feed line (B).

*** NOTICE**

If two (2) pressure gauges are used at the same time, pressures should be equal.



When the lack of power/hesitation occurs and the gauge drops below the aforementioned PSI specification, the fuel feed line from the low pressure pump to the high pressure pump may be restricted. Replace the low pressure fuel line from the tank to the high pressure pump by referring to the “Engine Control / Fuel System → Fuel Delivery System → Fuel Line → Repair procedures” chapter in the applicable Shop Manual on KGIS.