



GROUP
ENG

MODEL
2014~2015MY
Sorento (XMa)
2014~2015MY
Optima (QF/TF)
2014~2015MY
Sportage (SL)

NUMBER
149

DATE
June 2016

TECHNICAL SERVICE BULLETIN

SUBJECT: 2.4 GDI MIL ON WITH DTC(S) P0263/ P0266/ P0269/ P0272

This bulletin provides information about the replacement of the fuel injectors in some Sorento (XMa) produced 12/17/2012~12/11/2014, Optima (QF) produced 07/28/2013~10/02/2015, Optima (TF) produced 09/09/2013~07/23/2015 2014~2015MY, and Sportage (SL) produced 09/01/2013~12/01/2014, which may exhibit a Malfunction Indicator Lamp (MIL) on along with DTCs P0263, P0266, P0269 and/or P0272. Follow the procedure outlined in this bulletin to diagnose and replace the affected injector to correct the concern.

- **P0263 Cylinder 1 Contribution/Balance (Injector #1)**
- **P0266 Cylinder 2 Contribution/Balance (Injector #2)**
- **P0269 Cylinder 3 Contribution/Balance (Injector #3)**
- **P0272 Cylinder 4 Contribution/Balance (Injector #4)**



* NOTICE

Due to limited parts availability, do **NOT** order kits from stock unless you have an affected unit in for repair.

File Under: <Engine>

Circulate To: General Manager Service Manager Parts Manager
 Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

Service Procedure:

1. Use GDS/KDS to check for DTC(s).
2. Refer to the table below to identify the injector to replace according to the DTC present in the system. For injector replacement, refer to the Service Procedure and TSB ENG 083 on KGIS.

<i>DTC</i>	<i>Injector No.</i>	<i>Part No. To Replace</i>
<i>P0263</i>	<i>1</i>	<i>35310 2G710</i>
<i>P0266</i>	<i>2</i>	<i>35310 2G710FFF</i>
<i>P0269</i>	<i>3</i>	<i>35310 2G710FFF</i>
<i>P0272</i>	<i>4</i>	<i>35310 2G710</i>

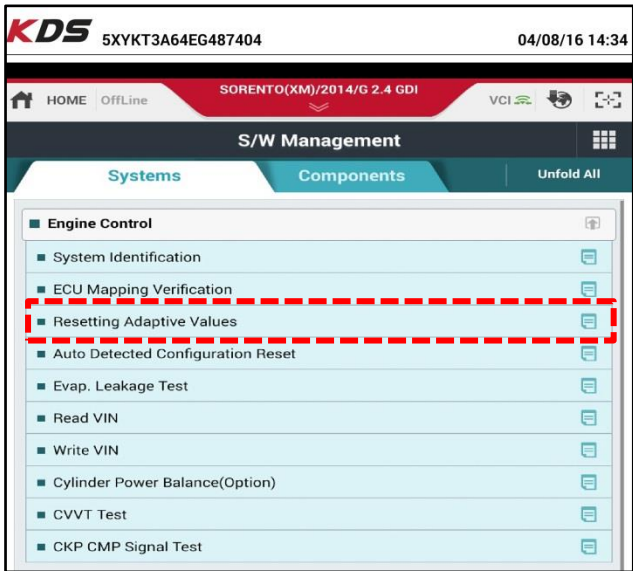
*** NOTICE**

Refer to TSB ENG 083 for more details on GDI high pressure system handling procedures, injector, and fuel pump replacement, and the need to replace additional (one time use) hardware when the high pressure fuel pump is replaced. Refer to the electronic parts catalog (EPC) for specific part numbers.

3. Once the injectors have been replaced, clear the fuel system adaptive values using GDS/KDS.


*** NOTICE**

Failure to reset adaptive values may result in an ineffective repair and a vehicle returning with a similar concern.



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REQUIRED PARTS:

Part Name	Part Number	Figure	Comments
Fuel Injector	35310 2G710		Injector #1 & #4
	35310 2G710FF		Injector #2 & #3

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- Due to limited parts availability, do **NOT** order kits from stock unless you have an affected unit in for repair.

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento (XMa)	12/17/2012~12/11/2014
Optima (QF)	07/28/2013~10/02/2015
Optima (TF)	09/09/2013~07/23/2015
Sportage (SL)	09/01/2013~12/01/2014

SUBJECT 2.4 GDI MIL ON WITH DTC(S) P0263/ P0266/ P0269/ P0272

WARRANTY INFORMATION:

Injector # 1 and 4

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Model Vehicle	Labor Op Code	Op Time	Replacement P/N	Qty.
W	35310 2G710	1	I3T	ZZ3	(ENG 149) DTC Inspection and Injector Replacement	(SL, XMA)	35310F14	1.6 M/H	N/A	0
						(QF/TF)		1.5 M/H		

Injector # 2 and 3

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Model Vehicle	Labor Op Code	Op Time	Replacement P/N	Qty.
W	35310 2G710	0	I3T	ZZ3	(ENG 149) DTC Inspection and Injector Replacement	(SL, XMA)	35310F14	1.6 M/H	35310 2G710FFF	1
						(QF/TF)		1.5 M/H		