

INJECTOR CLEANING & ENGINE OIL FILTER REPLACEMENT

English

KCE09-14-P200-BL | Service Action

🕒 2009-12-10 00:57:36

[Numer kampanii VIN] 090064

Zapisujący	Jeon Jeong Hwan (2491711)	Status	APPROVED [Historia]
Opublikowano		Zmodyfikowany	
GR./Sys./komp.	Fuel System / Fuel Delivery System / Fuel Line		
Model	SORENTO(BL)	2006	
Obszar i dystrybutor	West Europe ALL ALL -		

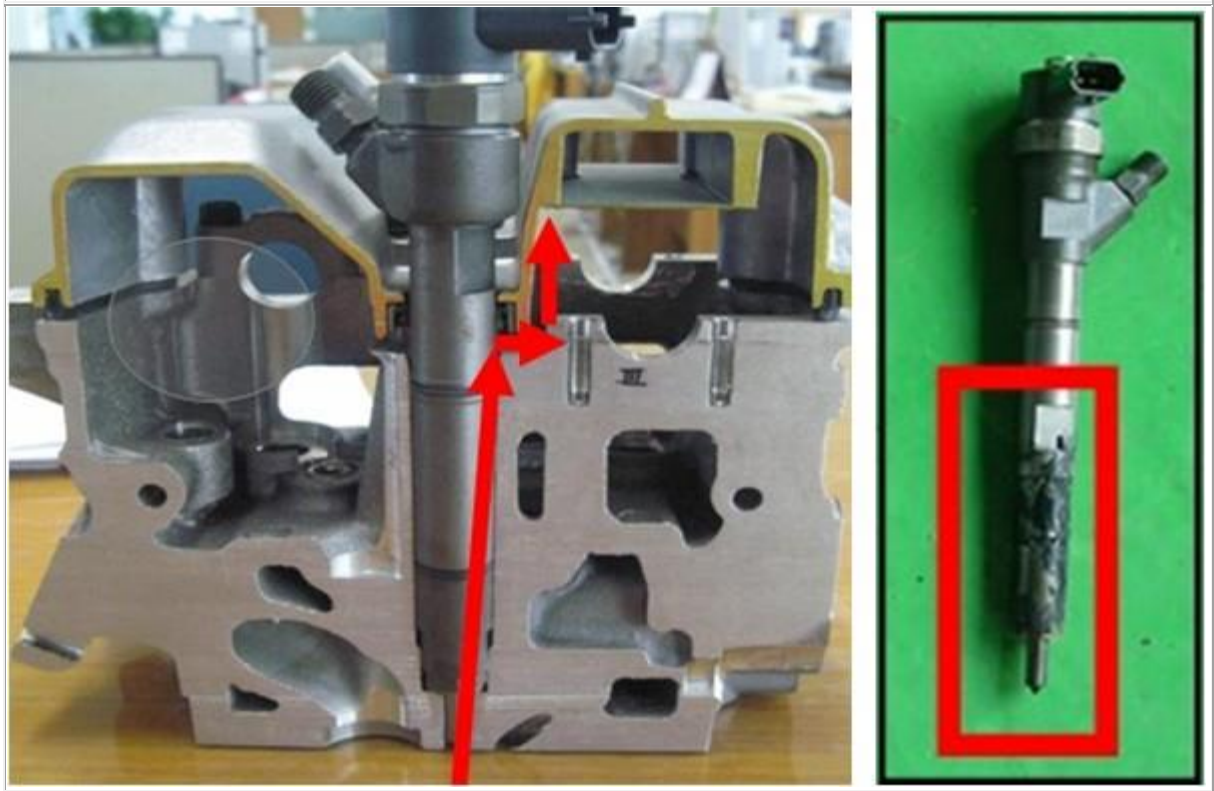
ZAWARTOŚĆ

Description

- Symptom/Condition
Some Sorento (BL) vehicles with 2.5L A-engine may experience damage of turbocharger.
- Cause
Gas leaking from the cylinder is mixed with engine oil in the engine head cover. It results into quality deterioration of engine oil.



Gas leaks from injector & cylinders



- Countermeasure/Remedy
For all affected vehicles, clean all injectors' body and injector mounting holes in the engine head assembly following the Service Procedure below.

Krzysiek Ardie

Plus, once any gas leak from injectors has been occurred and detected, replace the engine oil filter with the new one.

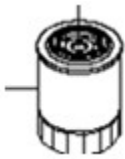
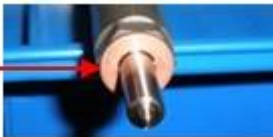


Applicable Vehicle

- Model: Sorento (BL)
- Applicable vehicle production date range: From May, 2006 to April, 2007
- Area: All Except North America

Parts Information

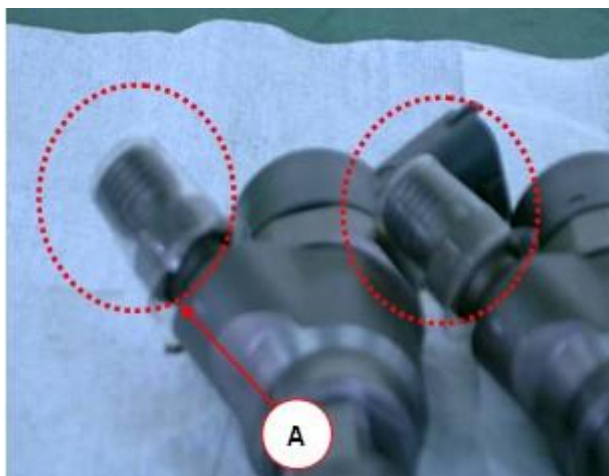
■ PARTS REQUIRED

Part Name	Part NO.	Figure	Q'ty per 1 vehicle
Oil Filter - Engine	263104A010		1 EA
Gasket - Injector	338134A000		4 EA

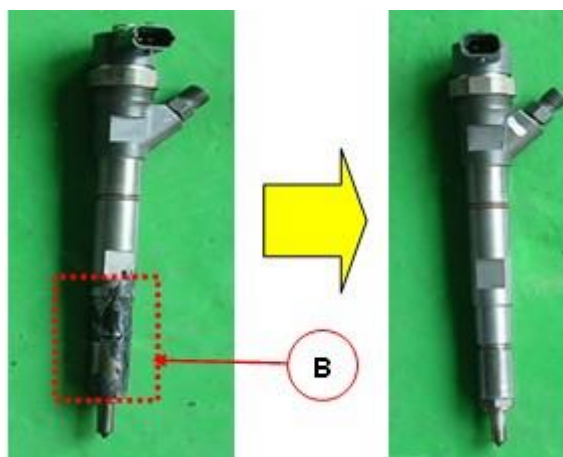
Service Procedure

1. Remove all the injectors from the engine.

2. Plug caps (A) onto the inlets of all the removed injectors as shown on the photo to prevent foreign materials from entering into injectors.



3. With alcohol cleanser clean off carbon deposits from the injector body (B).





4. Remove the injector gasket (C) from the injector nozzle.

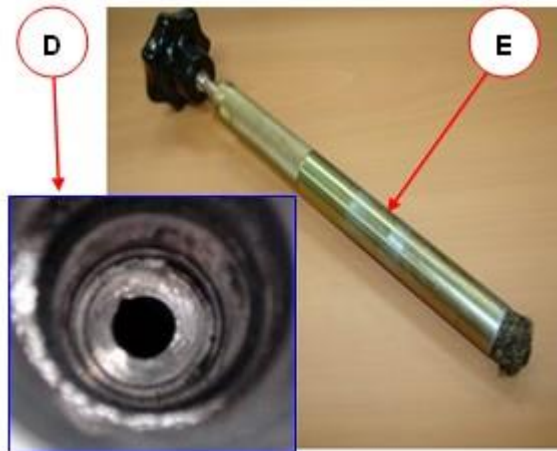
5. Spray alcohol cleanser on the injector nozzle enough to make cleanser run down from the injector nozzle.

6. With a clean fabric remove carbon deposits from the injector nozzle.



7. Using the SST (E) remove carbon deposits from injector mounting holes (D) in the engine head assembly.

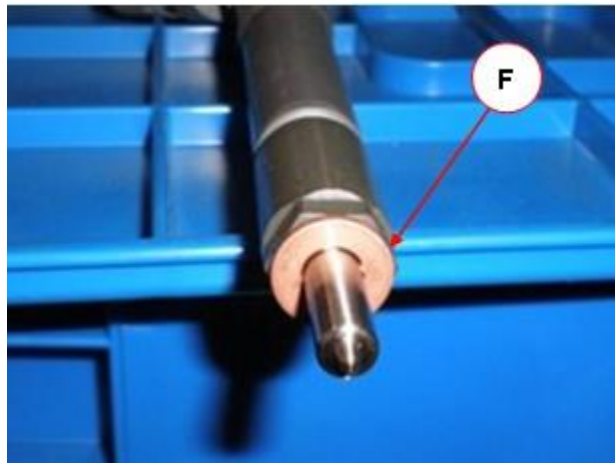
* SST
: 09351-27300 (injector hole cleaning brush)



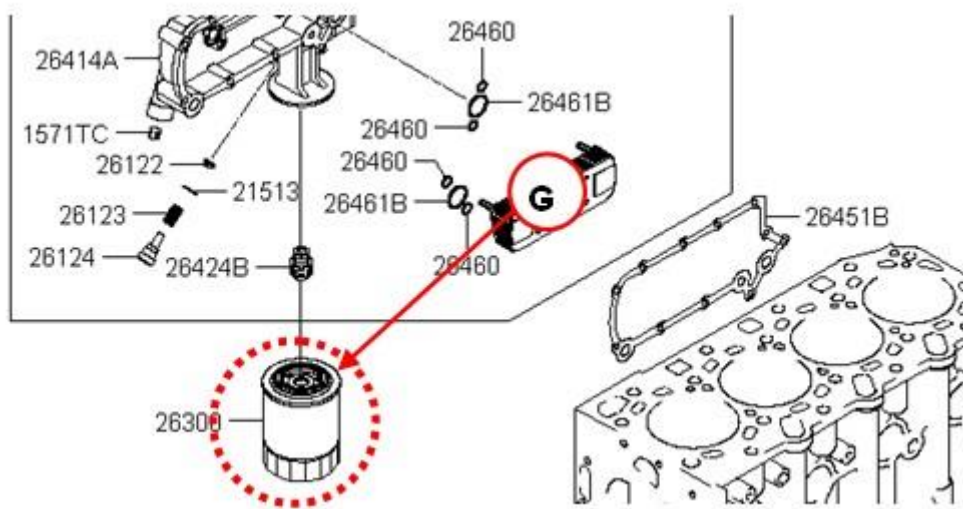
8. Insert each injector nozzle into a new injector gasket (F) and reinstall all the removed injectors.

Caution)
When tightening injector clamp bolts, make sure to use the specified torque.

-Tightening torque
2.9~3.4 kgf-m (28.4~33.3 N-m,
21.0~24.6 lbf-ft)



9. In case any gas leak from injectors has been detected as below, replaced the engine oil filter (G) with a new one.



* Results of gas leakage from injector

1) Carbon deposits (H) on injector body



2) Excessive blow – by gas(I)



Operation Code And time

OP CODE	OPERATION	OP TIME	NATURE	CAUSE
090064R0	Cleaning injectors	0.8 M/H	* N 94	** C 62
090064R1	Cleaning injectors & engine Oil filter Replacement	1.1 M/H		

* N 94: Inoperative
** C 62: Missing Part