



GROUP
Engine

MODEL
2012MY Optima
Hybrid (TF HEV)

NUMBER
128

DATE
February 2013

TECHNICAL SERVICE BULLETIN

SUBJECT: PCSV INSPECTION AND REPLACEMENT (SA142)

This bulletin provides the procedure to inspect and, if necessary, replace the PCSV (purge control solenoid valve) on some 2012MY Optima Hybrid vehicles produced from September 18, 2012 to November 18, 2012. Kia is requesting the completion of this Service Action on all affected vehicles in dealer stock prior to delivery. Before conducting the procedure, verify the vehicle is included in the list of affected VINs.



*NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service> Warranty Coverage> Warranty Coverage Inquiry> Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs> Not Completed Recall> Recall VIN> Select Report), which includes a list of affected vehicles.

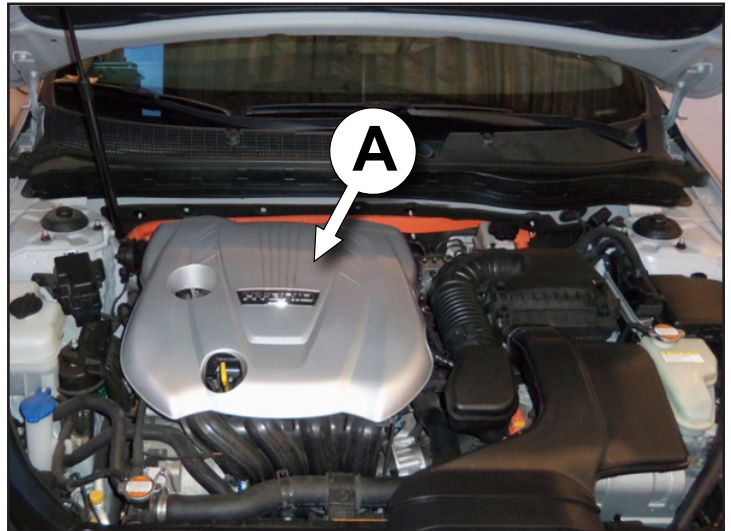
This issue number is SA142.

File Under: <Engine>

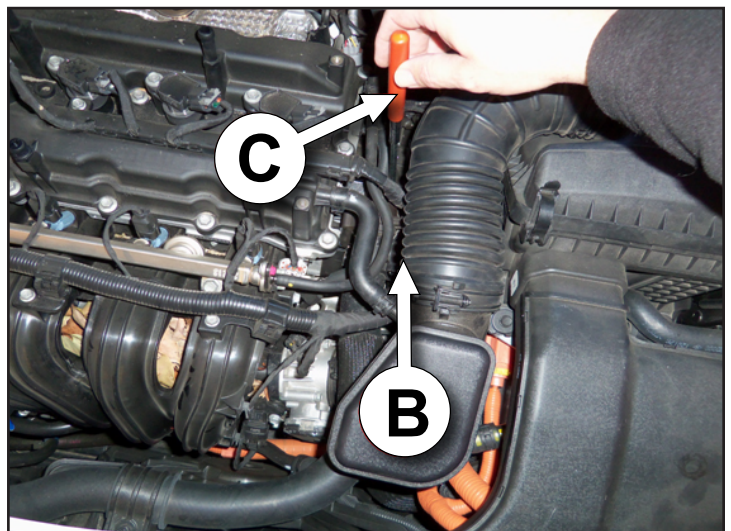
Circulate To: General Manager Service Manager Parts Manager
 Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

Inspection Procedure:

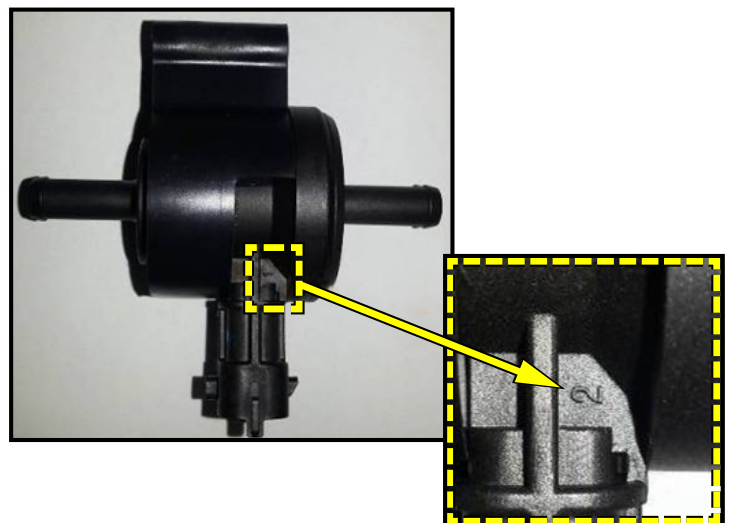
1. Open the hood and remove the engine cover (A).



2. Locate the PCSV (B) and use a telescoping mirror (C) to inspect the number embossed on the underside of the valve.

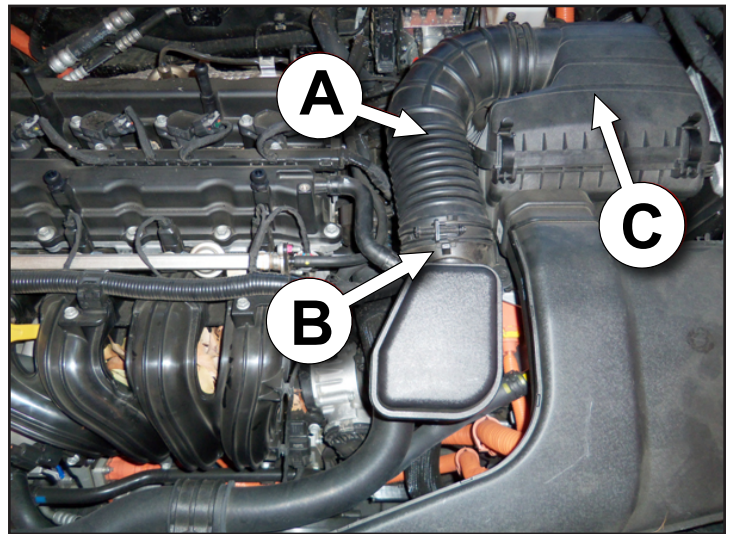


3. If the number on the underside of the PCSV is "2", replace the valve per the procedure outlined in this TSB. If not, no further action is required.

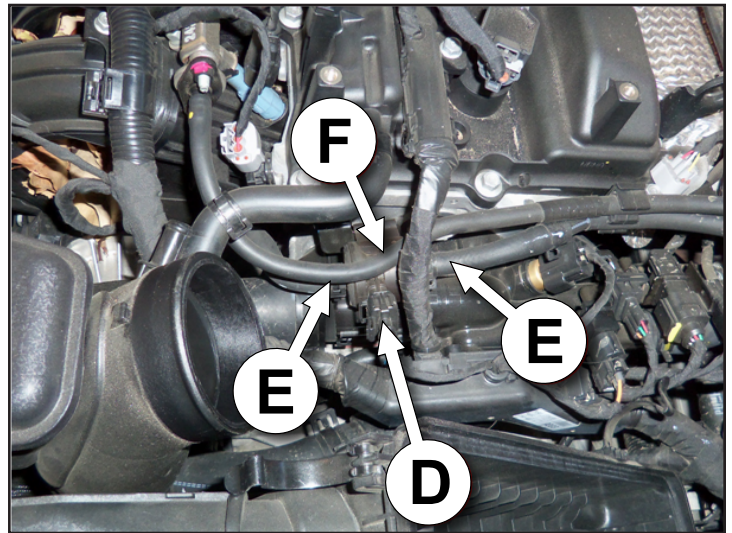


Service Procedure:

1. Disconnect the air intake hose (A) from the duct (B) and remove the air cleaner cover (C).



2. Disconnect the PCSV connector (D) and remove the vapor hoses (E) from the PCSV (F).
- 2a. Replace the PCSV (F) with the new part.




3. Reinstall all removed components by reversing the order of removal.
4. Start the engine and check for (no) MIL on and for proper operation.

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AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Optima Hybrid (TF HEV)	September 18, 2012 to November 18, 2012

REQUIRED PART:

Part Name	Part Number	Figure
Valve-Purge Control	28910 3E100QQK	

***NOTICE**

Due to limited parts availability and due to the very low volume of vehicles that will end up needing a replacement PCSV, do not order parts unless you have confirmed an in-stock vehicle is on the vin list or a customer's vehicle is scheduled for inspection.

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Related Parts	Qty.
V	28910 3E100	0	N50	C23	(TSB ENG 128) PCSV Inspection	120103R0	0.2 M/H	N/A	0
V	28910 3E100	0			(TSB ENG 128) PCSV Inspection and Replacement	120103R1	0.3 M/H	28910 3E100QQK	1

Note: Only one Labor Op can be claimed.

***NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA142 when accessing the WebDCS system.