
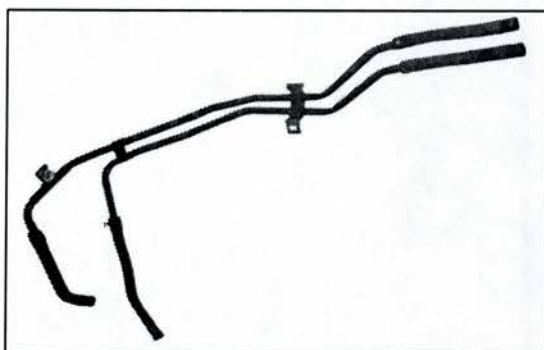


SB-10055372-3583

	GROUP Service Campaign	MODEL 2006~2010MY Sedona (VQ)
	NUMBER SC101	DATE December 2013
SERVICE CAMPAIGN		
SUBJECT: FRONT HEATER PIPE REPLACEMENT (SC101)		

This bulletin provides the procedure for replacing the front heater pipe assembly on some Sedona (VQ) vehicles, built from the start of production (SOP) through August 11, 2009, which are currently registered in states where heavy amounts of road salt are used for de-icing in the winter months. The 21 states which are known to use heavy amounts of road salt are: CT, DC, DE, IA, IL, IN, MA, MD, ME, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, WI and WV. The concern relates to the possibility of corrosion forming on the front heater pipe assembly, which may eventually cause the heater pipe to fail and prevent the heater from operating correctly. To correct this concern and improve customer satisfaction, Kia is launching this bulletin to replace the front heater pipe assembly with a revised part, on all affected vehicles.



* NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service > Warranty Coverage >Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

File Under: <Service Campaign>

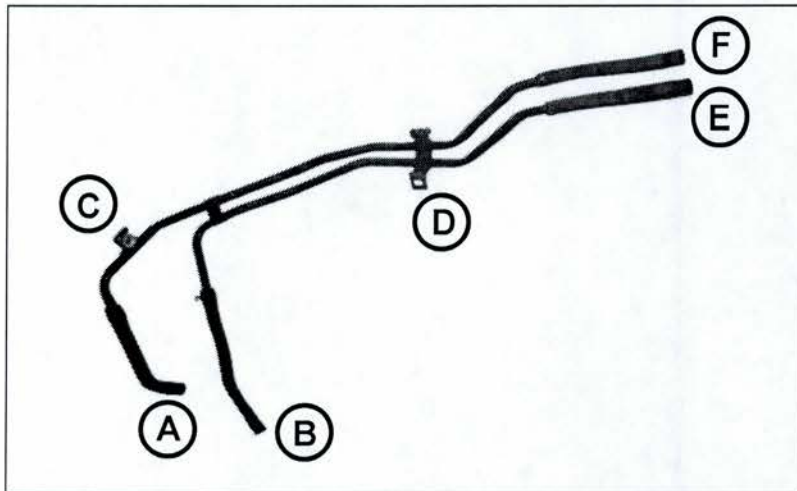
- Circulate To: General Manager Service Manager Parts Manager
 Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

Service Procedure:

! WARNING

To avoid possible injury, use caution when opening the radiator cap and avoid spilling coolant on the floor. In addition, safety glasses and disposable gloves should be worn throughout this procedure.

1. Refer to the diagram below to identify the different mounting locations for the heater pipe brackets and hoses.



Mounting Location	Description
A	Upper Connection Hose 1 (secured with clamps)
B	Upper Connection Hose 2 (secured with clamps)
C	Bulkhead Mounting Bracket (secured with bolt)
D	Lower Mounting Bracket (secured with bolt)
E	Lower Connection Hose 1 (secured with clamps)
F	Lower Connection Hose 2 (secured with clamps)

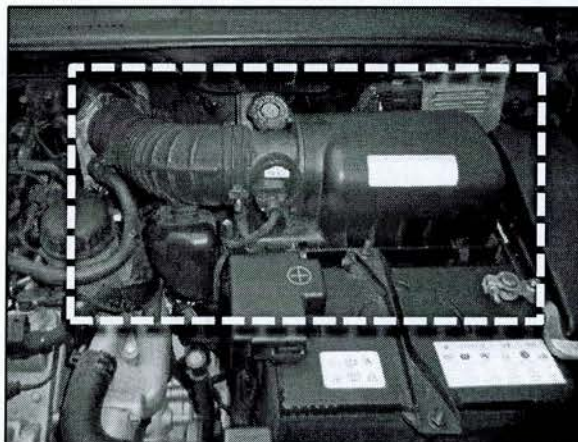
2. Allow the vehicle to cool sufficiently before draining the coolant from the radiator per applicable service procedure on KGIS. The coolant should be saved for reuse.
3. Remove the engine cover.



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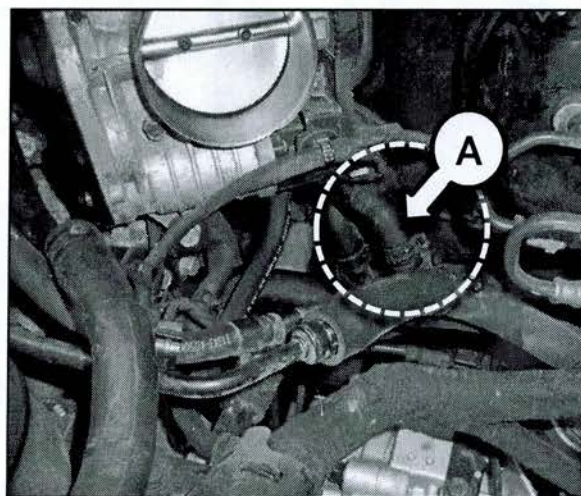
4. Undo the clips securing the top of the air box and loosen the clamp securing the air intake hose to the throttle body. Remove the air box and intake hose assembly.



5. Locate the first upper mounting location for the heater pipe hose (A) and undo the clamp securing to it to the plastic "T" fitting.

⚠ WARNING

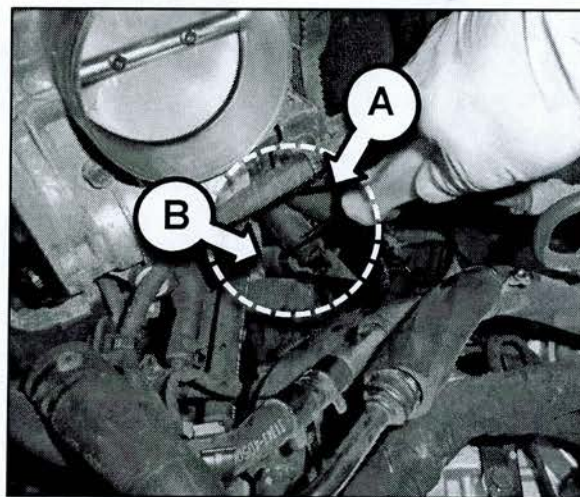
To avoid possibly slipping and falling on spilled coolant, use a container to collect all remaining coolant in the lines.



6. Locate the second upper mounting location for the heater pipe hose (B) and undo the clamp securing it to the plastic "T" fitting.

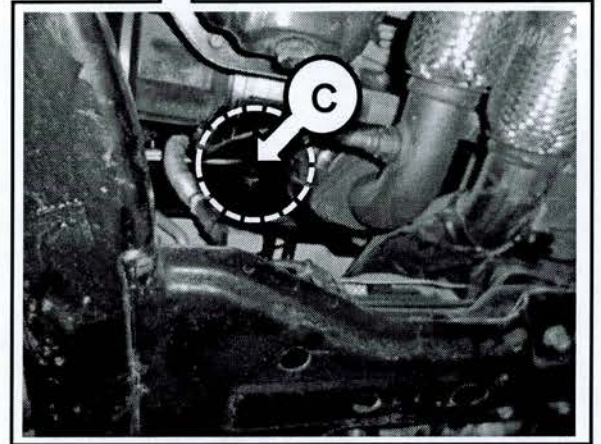
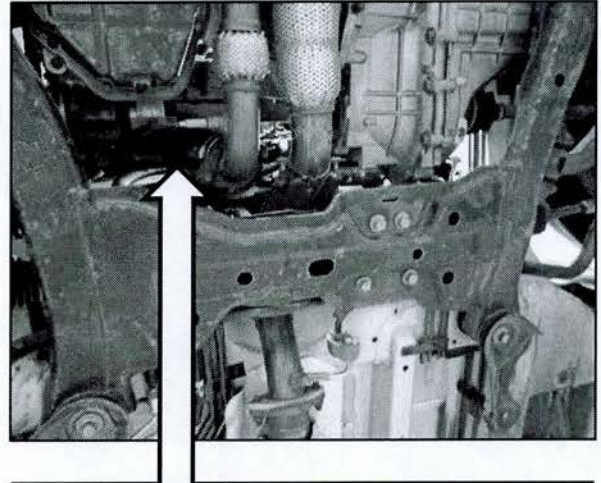
★ TIP

The second hose (B) is located behind and below the first hose (A).



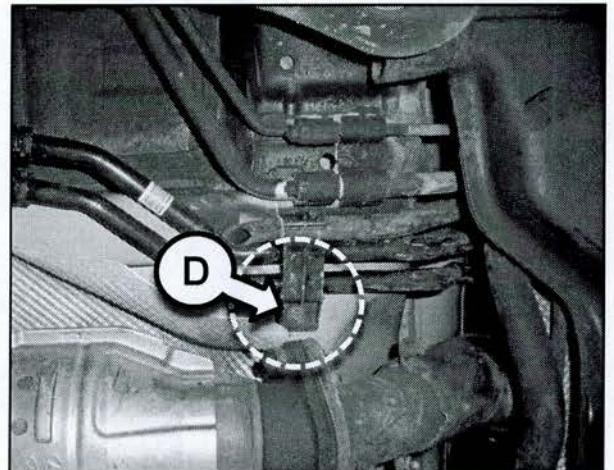
7. Remove the bolt securing the heater pipe bracket (C) to the engine compartment bulkhead.

Tightening torque:
2.9 ~ 4.3 lb-ft (3.9~5.9 Nm)



8. Remove the bolt securing the heater pipe lower bracket (D) to the floor pan.

Tightening torque:
2.9 ~ 4.3 lb-ft (3.9~5.9 Nm)



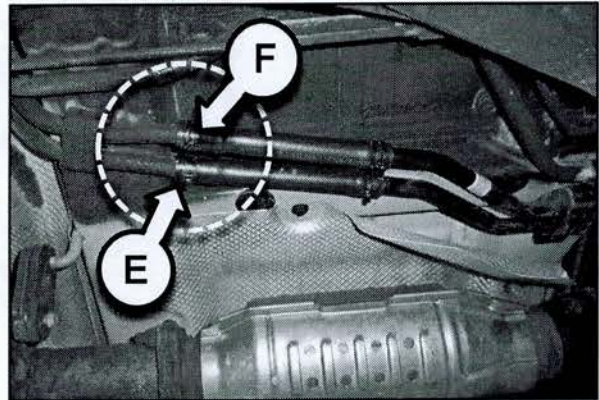
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9. Remove two (2) clamps securing the heater pipe hoses (E/F) at the rearmost connection point.

! WARNING

To avoid possibly slipping and falling on spilled coolant, use a container to collect all remaining coolant in the lines.



10. Install the new heater pipe by reversing the order of removal.
11. Add the removed coolant back into the vehicle per applicable service procedure on KGIS.

*** NOTICE**


Disposal of any engine coolant **MUST** be performed in accordance with all applicable state and federal laws.

12. Reinstall all other removed components.
13. Confirm proper operation of the heater and check all connections for possible coolant leaks.

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REQUIRED PARTS:

Part Name	Part No.	Qty.	Figure	Comments
Heater Pipe	97540-4D202QQK	1		Hose Clamps Included

AFFECTED PRODUCTION RANGE:

Model	Production Date Range
Sedona (VQ)	From SOP through August 11, 2009

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	97540 4D202	0	N56	C05	(SC101) Heater Pipe Replacement	130111R0	0.8 M/H	97540 4D202QQK	1

NOTE: If additional coolant is required, use X1 sublet (Maximum allowance is \$2.00)

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