 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 14-01-003
	DATE JANUARY 2014	MODEL(S) Entourage (EP)
SUBJECT: HEATER PIPE AND HOSE ASSEMBLY REPLACEMENT (SERVICE CAMPAIGN TR9)		

*** IMPORTANT**

Dealers must perform this Service Campaign on all affected vehicles whenever an affected vehicle is in the shop for any maintenance/repair, or is brought in to the dealer in response to the attached customer communication sent from Hyundai.

When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: This bulletin describes the procedure to replace the heater pipe and hose assembly on certain Entourage (EP) vehicles with an updated part (shown below).



Applicable Vehicles:

1. **Model :** Entourage (EP)
2. **Production Date Range:** From SOP to June 14, 2008
3. **Area:** Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, Wisconsin, and the District of Columbia

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

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Parts Information:

Part Name	Part Number
HEATER PIPE & HOSE ASSEMBLY NO.1	97540-4D202QQH

Part Name	Part Number	Remarks
LONG LIFE COOLANT	00232-19010-WAR	Required amount is 4 quarts (1 gallon) to replenish and fully air bleed the cooling system.

Warranty Information:

Op Code	Operation	Op Time
30C061R0	HEATER PIPE No.1 REPLACEMENT	0.8 M/H

NOTE: Submit claim on Campaign Claim Entry Screen

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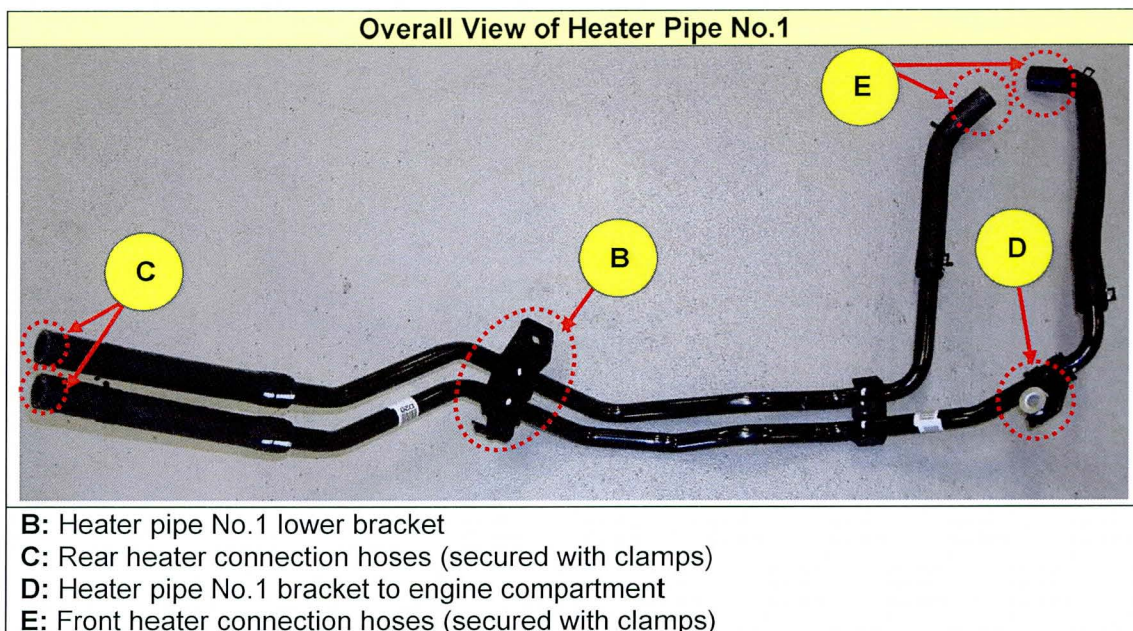
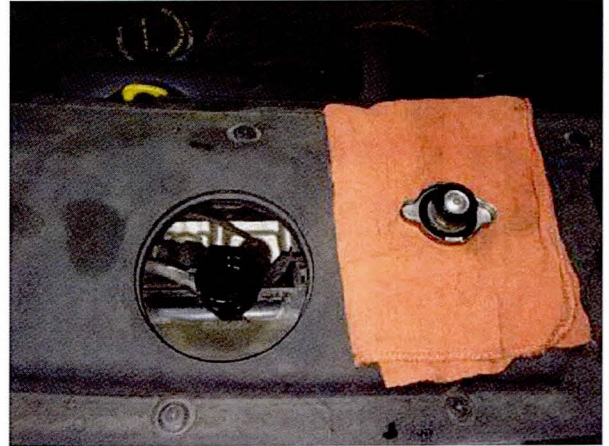
SERVICE PROCEDURE



NOTICE

Allow the engine coolant temperature to cool down sufficiently before proceeding.

1. Carefully open the radiator cap while covering with a shop towel to catch any coolant spilling.
2. Raise the vehicle on a lift.



3. Loosen the securing bolt of the heater pipe No.1 lower bracket (B).

Tightening Torque:

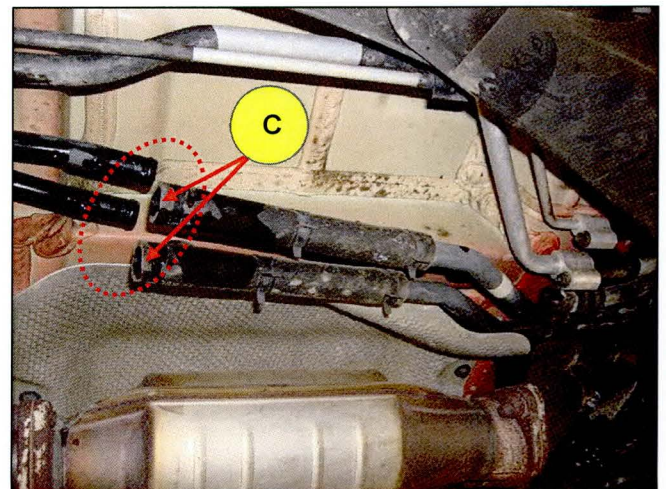
- 43.4 lb.f-in (5.9 Nm / 0.5 kgf.m)

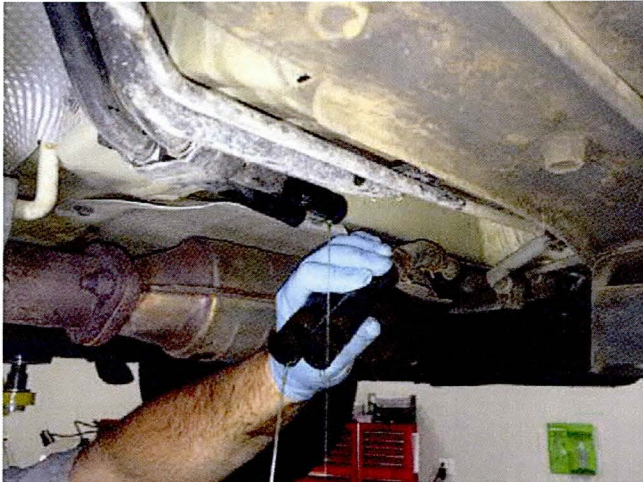
4. Release the 2 securing clamps and disconnect the rear heater connection hoses (C).



NOTICE

Tilt the hoses down towards the catch pan placed beneath the hoses and heater pipes to drain the coolant into it (next page).

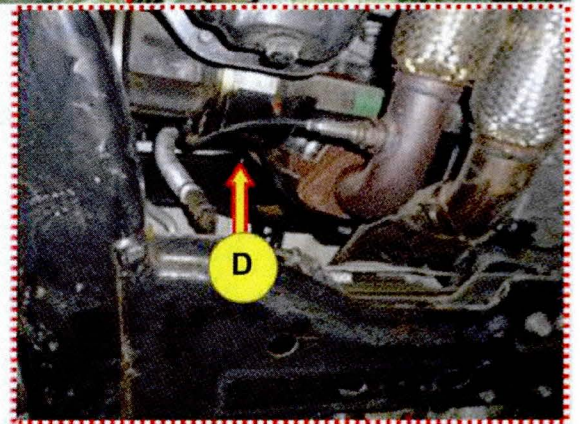
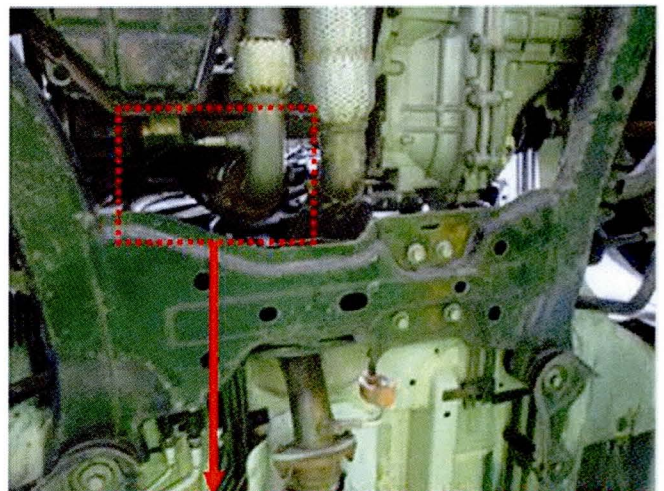




5. Loosen the fastening nut at the Heater pipe No.1 bracket to engine compartment (D).

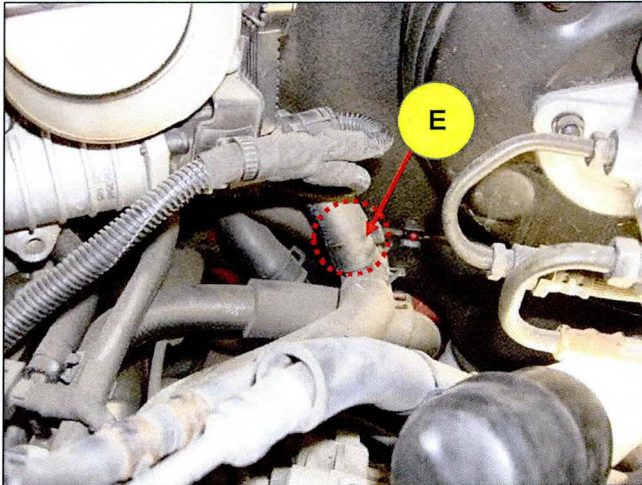
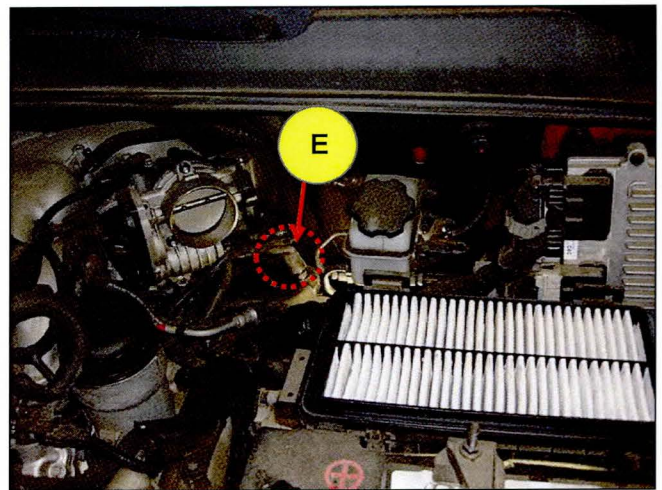
Tightening Torque:

- 43.4 lb.f-in (5.9 Nm / 0.5 kgf.m)



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- Partially disconnect the air intake cleaner upper cover with intake hose from the throttle body to gain access to the upper hose tee fitting of the front connection hose (E).
- Release the securing clamp and disconnect the front connection hose (E) from the upper hose tee fitting.

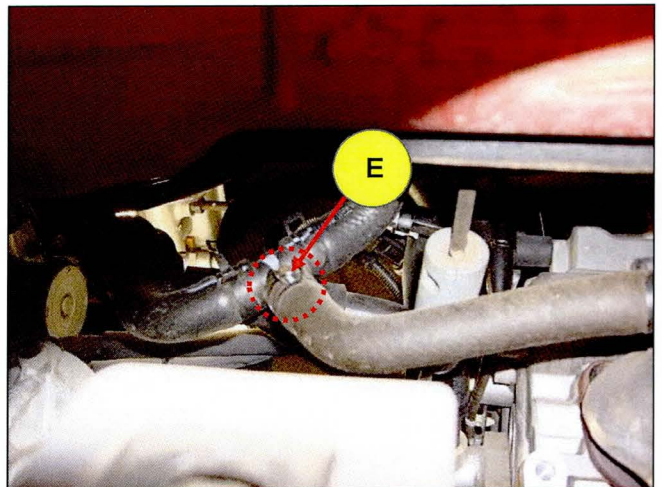


- From beneath the vehicle, release the securing clamp and disconnect the front connection hose (E) from the lower hose tee fitting.



NOTICE

Place a shop cloth beneath the hose and heater pipe tee to catch any draining coolant.



9. Replace the heater pipe and hose assembly with an updated part and install in reverse order of removal.
10. Refill the engine cooling system with coolant mixture of anti-freeze and water by referring to the applicable Shop Manual.



NOTICE

Use an elevated funnel to the radiator filler neck with a cap adapter (as shown on the right picture) to facilitate the coolant filling and air bleeding process.



11. Start the engine and allow it to idle for a few minutes until the engine reaches normal operating temperature.



NOTICE

During this time, periodically refill the funnel with coolant to replenish the coolant as air is bled out of the cooling system.

12. After the cooling system has reached normal operating temperature and all the trapped air is bled out of the system:
 - Close the radiator cap.
 - Wipe any residual coolant that may have been spilled.
 - Check for any leaks.

