



NUMBER: 25-002-16

GROUP: Emissions Control

DATE: September 27, 2016

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SUBJECT:

Replace Purge Control Valve Hose

OVERVIEW:

This bulletin involves replacing the purge control valve hose assembly.

MODELS:

2014 - 2016	(KL)	Jeep Cherokee
2015 - 2016	(UF)	Chrysler 200

NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA.

NOTE: This bulletin applies to KL vehicles built on or before July 26, 2016 (MDH 0726XX) equipped with 2.4L I4 Multiair Engine (Sales Codes ED6) or 2.4L I4 PZEV M-AIR Engine (Sales Codes ED8).

NOTE: This bulletin applies to UF vehicles built on or before August 29, 2016 (MDH 0829XX) equipped with 2.4L I4 Multiair Engine (Sales Codes ED6).

SYMPTOM/CONDITION:

The customer may describe a slight noise coming from the engine compartment at the purge control valve area on the engine.

DIAGNOSIS:

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68155177AC	Vapor/Fuel Hose

REPAIR PROCEDURE:

1. Remove the engine cover (Fig. 1).



Fig. 1 Engine Cover

2. Disconnect the Intake Air Temperature (IAT) sensor wire harness connector (Fig. 2).
3. Loosen hose clamp on air duct (Fig. 2).

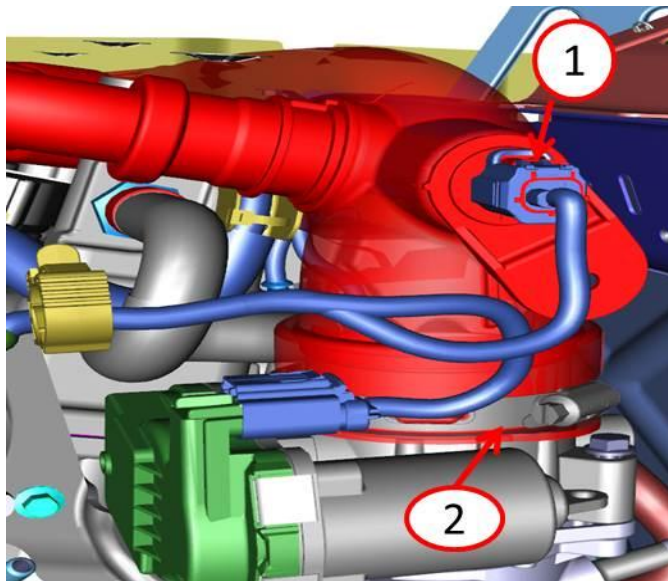


Fig. 2 Intake Air Temp Sensor Connector

- 1 - IAT Sensor
 - 2 - Hose Clamp
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4. Loosen the resonator to throttle body clamp (Fig. 3).
5. Remove the resonator bolt (Fig. 3).
6. Disconnect the rubber hose (Fig. 3).
7. Remove the resonator (Fig. 3).

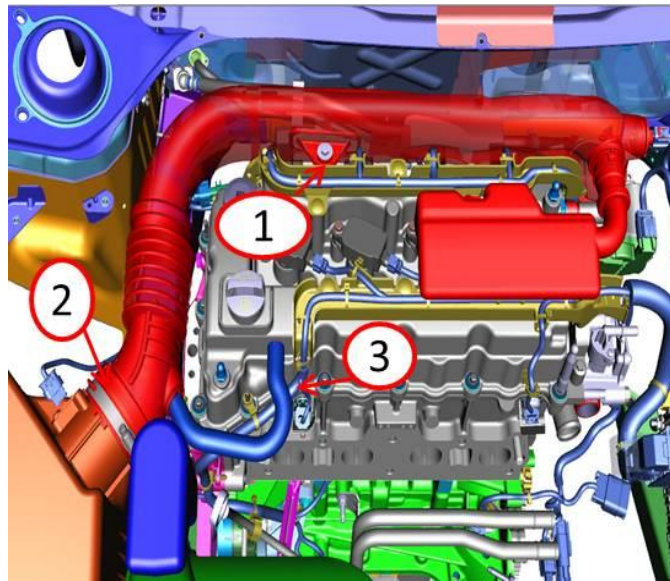


Fig. 3 Resonator

- 1 - Bolt
 - 2 - Throttle Body Hose Clamp
 - 3 - Rubber Hose
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8. Depressurize the fuel system. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 14 - Fuel System/Fuel Delivery, Gas/Standard Procedure>Fuel System Pressure Release Procedure.

NOTE: Use a cloth/rag to absorb any residual fuel that may leak and help avoid spilling on the foam or engine.

9. Remove the quick connect fuel/vapor jumper hose assembly from the engine (Fig. 4). Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>14 - Fuel System/Fuel Delivery, Gas/Fitting, Quick Connect/Standard Procedure.

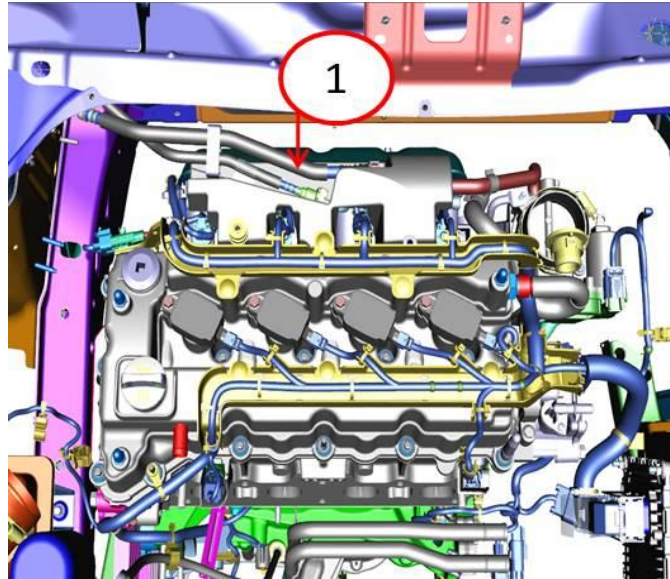


Fig. 4 Purge Hose

1 - Purge Hose At Engine

10. Remove the quick connect fuel/vapor jumper hose from the duty cycle purge valve (Fig. 5). Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>14 - Fuel System/Fuel Delivery, Gas/Fitting, Quick Connect/Standard Procedure.
11. Using care, roll the foam isolator away from the duty cycle purge valve (Fig. 5).
12. Remove purge hose from duty cycle purge valve (Fig. 5).

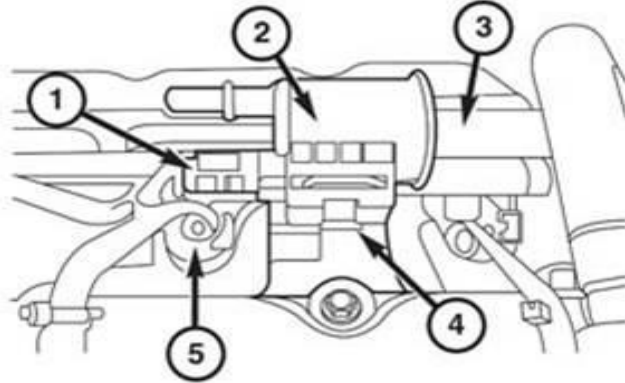


Fig. 5 Hose At Purge Valve

- 1 - Wire Harness Connector
 - 2 - Purge Valve
 - 3 - Purge Hose
 - 4 - Bracket
 - 5 - Bolt
-

13. Install the new purge hose to the duty cycle purge valve (Fig. 6).



Fig. 6 New hose Assembly

14. Using care, position the foam isolator back into position onto the duty cycle purge valve and the intake manifold.
15. Install quick connect fuel tank hose to duty cycle purge valve (Fig. 5).
16. Install the quick connect fuel tank hose assembly to the engine (Fig. 4).
17. Position the resonator between the forward edge of the cowl and the cylinder head cover. Align the openings with the throttle body intake and the air cleaner flex hose (Fig. 3).
18. Install the bolt. Tighten the bolt to 8 N·m (71 In.Lbs.) (Fig. 3).
19. Tighten the air box hose clamp to 4 N·m (35 In.Lbs.) (Fig. 3).
20. Tighten the throttle body clamp to 4 N·m (35 In.Lbs.) (Fig. 2).
21. Connect the (IAT) sensor wire harness connector (Fig. 2).
22. Install the engine cover (Fig. 1).
23. Clear any DTCs that may have been set in all modules. The wiTECH application will automatically present all DTCs and allow them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
25-01-17-9B	Hose, Purge Control Valve (Replace) (2 -Skilled)	1 - Engine Repair and Performance	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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