



To: All Authorized Lamborghini Dealers and Service Centers
From: Customer Service Department
Re: Positioning of a water cooling hose
Date: 22/01/10
Pages: 9

Subject:

Positioning of a water cooling hose (p/no 410819370)

Model/VINs involved:

Murciélago Roadster from VIN 1900 to VIN 3838.

Warning: some vehicles included in this VIN range may not be affected, so check carefully on the Lamborghini WEB Portal (at the section named VIN Info) if the cars in your workshop or in your eventual stock are effectively affected before performing any other operation.

Information for the field

As a result of a continuous product monitoring, Automobili Lamborghini S.p.A. has found that in some vehicles an incorrect positioning of a water cooling hose may cause engine coolant leakages.

Solution for the field

Positioning of a water cooling hose (p/no 410819370)

Spare parts

Description	Part number	Q.ty
Clamp	N_90409501	1

Information for warranty claims

See the **Available Campaigns** section on the Lamborghini Warranty Portal.

- **Campaign Code:** L825-A.01.10 / L148-A.01.10
- **Campaign Description:** Positioning of a water cooling hose
- **Cost Code:** 50
- **Component code:** CCA0110
- **Trouble code:** 220
- **Labour Code:** CCA0110100
- **Labour time:** 1,4 hr.

Fill out the Service and Recall Campaign section in the warranty booklet, which is shown in the figure below.

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Automobili Lamborghini S.p.A.
Campagne service assistenza e campagne di richiamo / Service-und Rückrufaktion / Service and Recall Campaign
Service et campagne de rappel / Campaña de Servicio y Llamada a Taller

Service/Service Service/Service Servicio	<input type="checkbox"/>	Richiamo/Rückruf Recall/Rappel Llamada a Taller	<input type="checkbox"/>
Numero/Nummer Number/Numéro Número	<input type="text"/>		
Data/Datum/Date/Date/Fecha	<input type="text"/>		
Data riparazione/Reparaturdatum Repair Data/Date de réparation Fecha reparación	<input type="text"/>		
Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer Efectuado por el concesionario / Efectuado por el Concesionario			
Firma / Unterschrift / Signature / Signature / Firma			

Service/Service Service/Service Servicio	<input type="checkbox"/>	Richiamo/Rückruf Recall/Rappel Llamada a Taller	<input type="checkbox"/>
Numero/Nummer Number/Numéro Número	<input type="text"/>		
Data/Datum/Date/Date/Fecha	<input type="text"/>		
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Description of required procedures



WARNING!

Let the engine cool down completely and turn the ignition key to OFF before proceeding.

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Check that the distance between the right exhaust manifold and the connecting hose running from the coolant tank to the cylinder head is higher than **20 mm**.

Even if this distance is higher than 20 mm, perform the operations described in this bulletin anyway.



Fig. 1

Preliminary procedures:

- Remove the lower engine bay (see Workshop Manual 081303, Section C).
- Remove the right-hand damper from the engine hood (082703).
- Remove the rear muffler grille (025103).
- Using a syringe, empty the coolant tank (**Fig. 2**).



Fig. 2

- Unscrew the two screws (**A-Fig. 3**) that attach the right arm to the chassis (**B-Fig. 3**).

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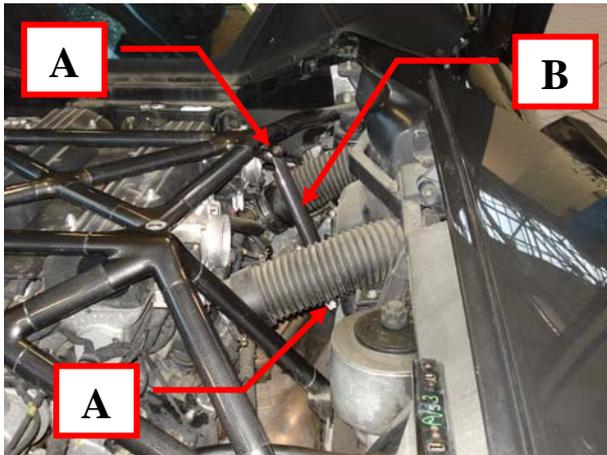


Fig.3

- Loosen the clamp (C-Fig. 4) and remove the right front hose (D-Fig. 4) from the throttle body.

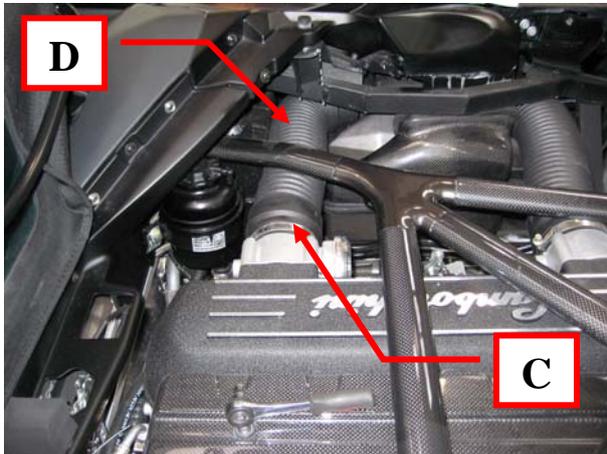


Fig. 4

- Remove the mounting clamp (E-Fig. 5) and release the E-Gear fluid tank (F-Fig. 5).

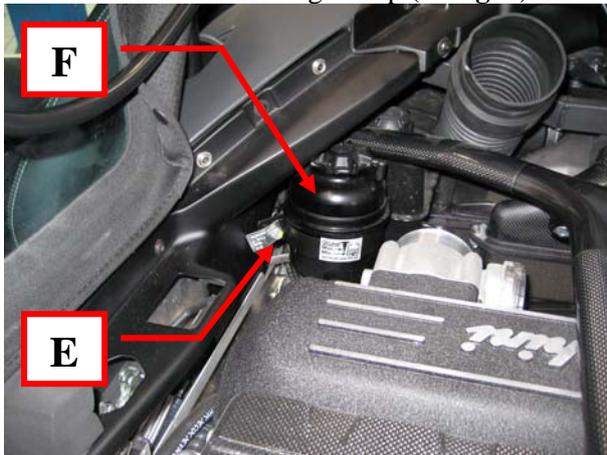


Fig. 5

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- Open the spring clamp (yellow arrow - Fig. 6).
- Disconnect the EGR valve vacuum line (G - Fig. 6) from the pneumatic valve in the secondary air circuit.

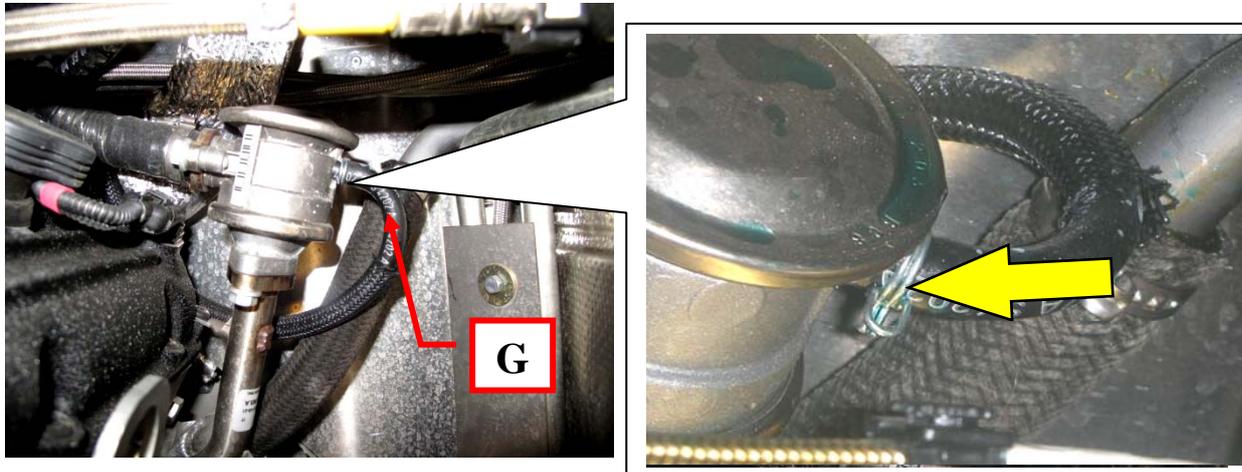


Fig. 6

- Using a pair of scissors, cut the clamp (H-Fig. 7) from the rubber hose leading to the coolant tank.
Before disconnecting the hose, place a basin under the vehicle to collect any coolant that may be released.



WARNING!



- *Disconnect the hose (I-Fig. 7). Be careful of the coolant remaining in the circuit.*

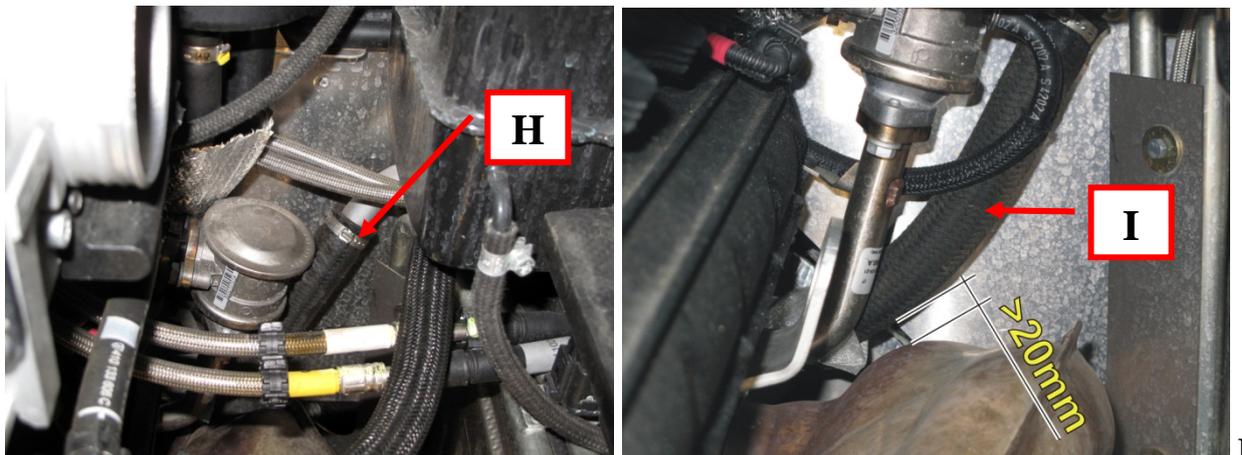


Fig. 7

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Repositioning the hose:

- Insert the clamp (**L-Fig. 8**) supplied as a spare part (p/no N 90409501) onto the hose.

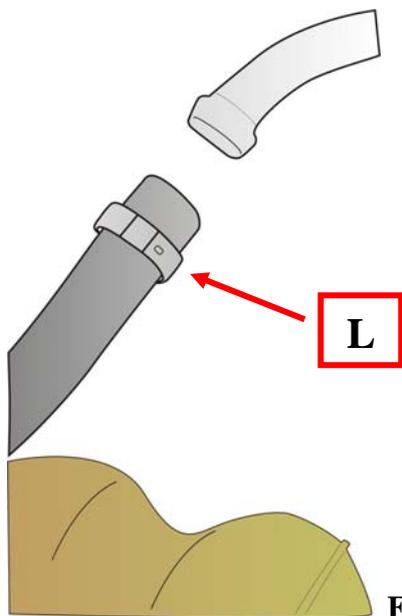


Fig. 8

- Fit the hose onto the connector until the distance between the hose and the exhaust manifold is higher than or equal to 20 mm.

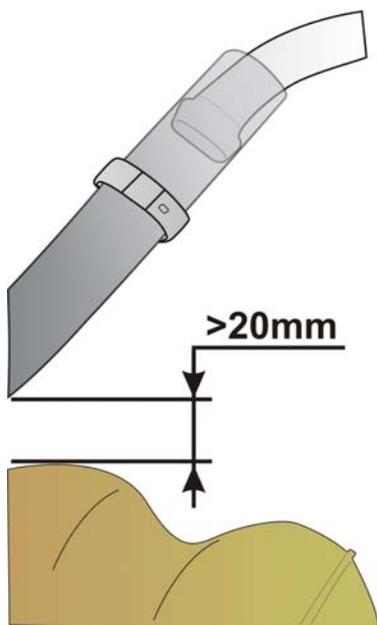


Fig. 9

- Feel the hose to locate the position of the upper edge of the connector (**M-Fig. 10**).

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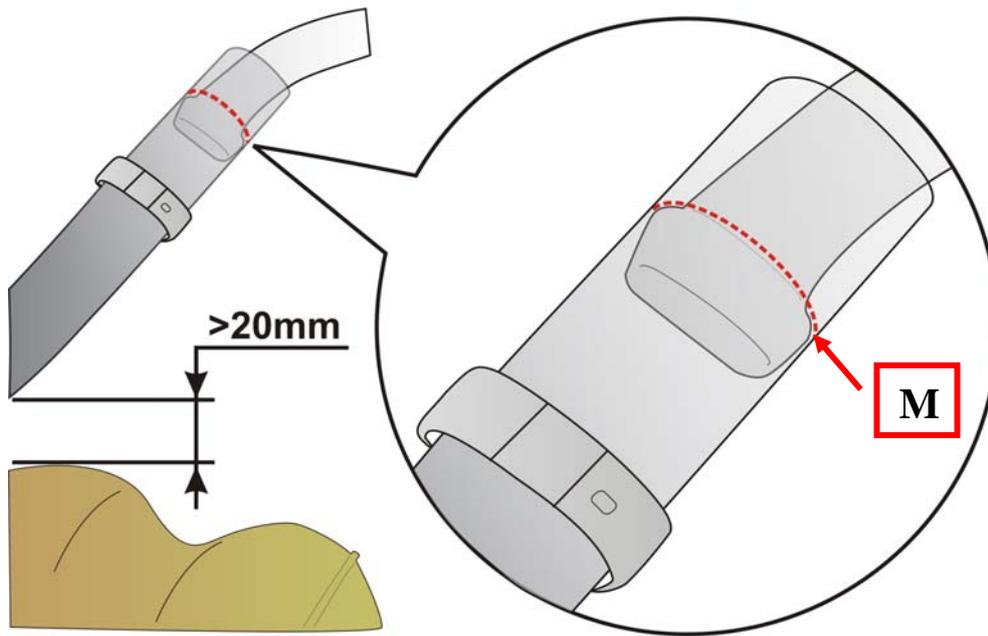


Fig.10

- Using a marking pen, mark the position of the upper edge.
- Place a clamp at the mark. Make sure the clamp is immediately above the upper edge of the connector.
- Tighten the clamp.

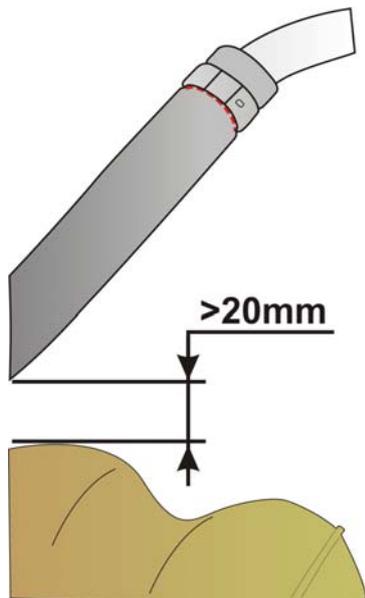


Fig.11

- Install the EGR line (**N-Fig. 12**) on the pneumatic valve in the secondary air circuit.
- Fasten the spring clamp that was previously removed (**O-Fig. 9**).

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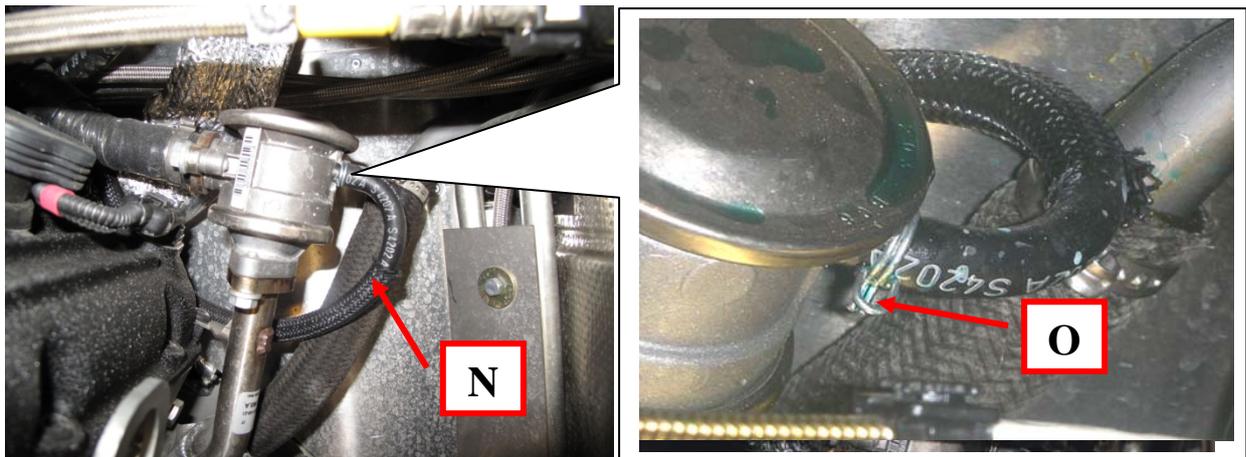


Fig. 12

- Fasten the E-Gear fluid tank (**P-Fig. 13**) and tighten the mounting clamp (**Q-Fig. 13**).

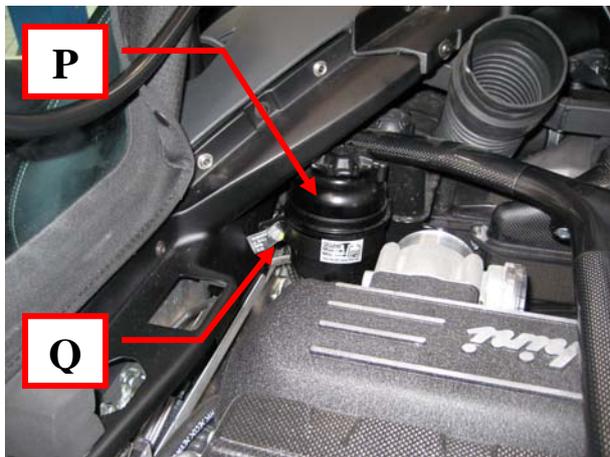


Fig. 13

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- Connect the right front hose (**R-Fig. 14**) to the throttle body and tighten the clamp. (**S-Fig. 14**).

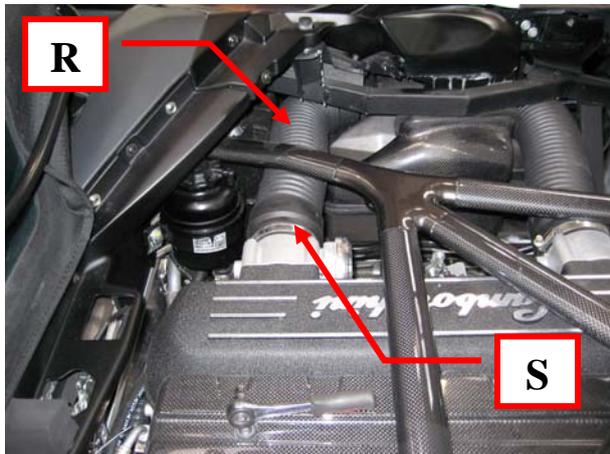


Fig. 14

- Tighten the two screws (**T-Fig. 15**) that attach the right arm to the chassis (**U-Fig. 15**).

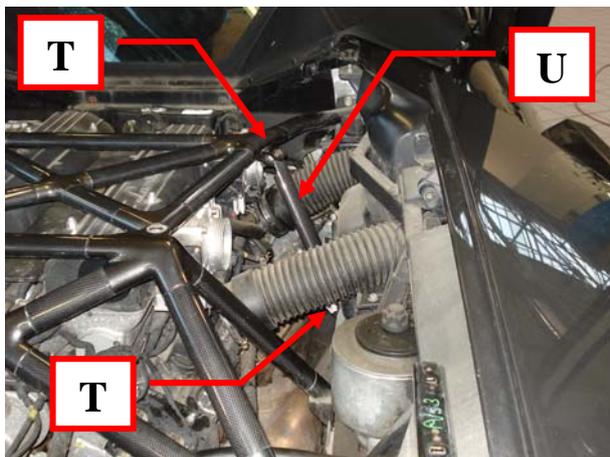


Fig. 15

- Install the rear muffler grille (**025103**).
- Install the right-hand damper on the engine hood (**082703**).
- Install the lower engine bay (**081305**, Section C).
- Top up the coolant level.
- Start the vehicle and let it run for five minutes
- Shut off the engine and check the coolant level once again. Top up the level, if necessary.

Please contact your Area Manager if you require further information.

Yours sincerely
Customer Service

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