

L83X-
A.13.14

To: Official After Sales Network
Subject: A/C pressure sensor update
Date: 19th/09/2014
Pages: 4



Subject

A/C pressure sensor update

Model

All Lamborghini Model Aventador Coupé And Roadster MY 12, 13 and 14 from VIN **CLA00091** to VIN **ELA01994**.

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

Information to the field

As a result of continuous product monitoring, Automobili Lamborghini Spa has found that on some vehicles air conditioning pressure sensor may leak.

Field solution

Replace A/C sensor

Spare parts

P/N	Description	Q
4H0959126A	- Air conditioning pressure sensor	1
7H0820896	- Seal ring (specific for R134a GAS operating A/C system)	1

Replaced parts management.

Store properly and tagged the parts replaced with bar code form for their identification during Area Manager visits.

Warranty Claim data

The warranty reimbursement request for this rework action will be managed by the following standard Warranty Claim procedures.

Campaign Code: L83X-A.13.14

Campaign Des.: A/C pressure sensor update

Cost code: 50

Component code: CCA1314

Trouble code: 220

Labor code: CCA1314100

Labor Time: 1,5h

Remember to fill all data in the section “Service and Recall Campaign” in the Warranty booklet of the vehicle as shown below.

Rev.01

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1/4



How to identify sensors to be replaced.

Before replacing sensor, check production date engraved on sensor head, reading the 5 digit figure as shown in the example below.



Figure **35112**:

3 → third day of the week

51 → week number 51

12 → year 2012



WARNING!!

From the production week **16 of 2013** and on, **DO NOT REPLACE.**

Repair instructions

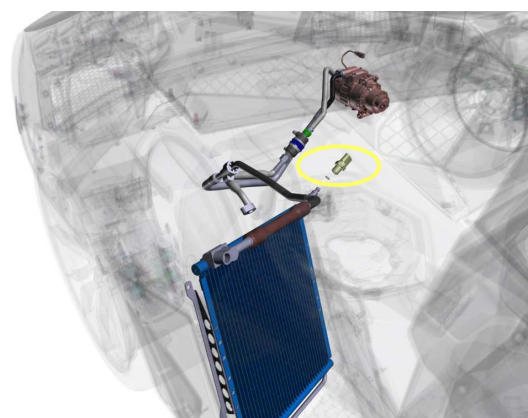
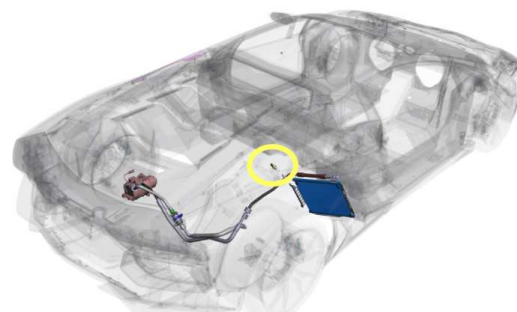


WARNING!!!



Operation to be performed at cold engine.

Working area identification





Remark.

Hose which bears sensor is equipped with a valve that automatically cut off system when sensor has been removed. For such purpose do not drain A/C system.

Preliminaries.

1. Rear right tire disassembly.

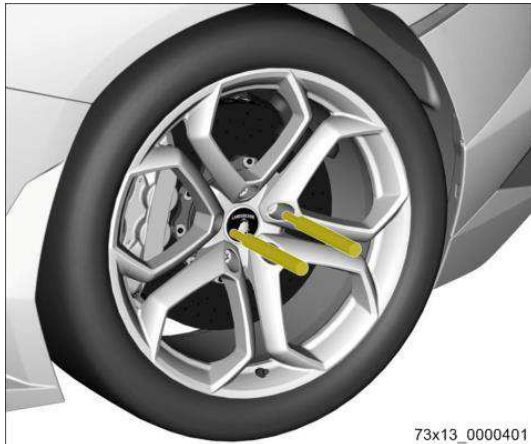


Remark.

In order to avoid rims and brake discs damages use centring tool (p/n. 65395009) as shown in picture. This procedure must be performed on both sides.

Wheel bolt tightening.

Torque: **160 Nm**

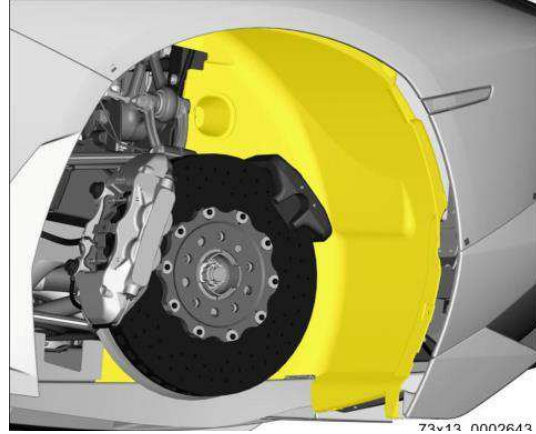


2. Wheelhouse disassembly (right side).

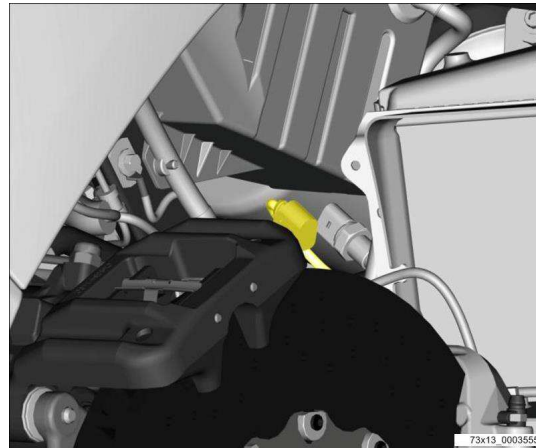
Each wheelhouse panel consists of 2 sections front and rear. It is recommended to disassemble both elements.

Screw tightening.

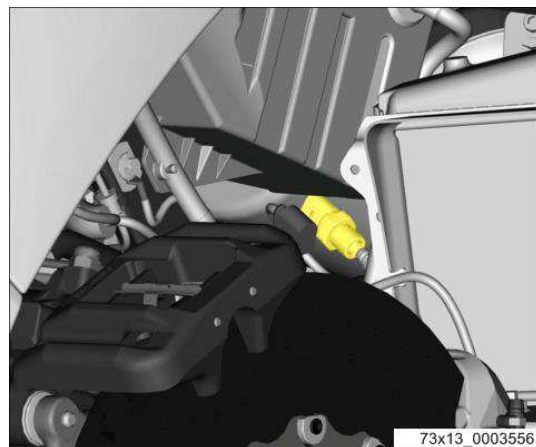
Torque: **9Nm M6 screws,**
5Nm others.



3. Unplug sensor connector



4. Unscrew and remove sensor.
 Torque: **5 Nm (3,69 lbf ft)**





IMPORTANT REMARK!!!

Replace Sensor seal ring (p/n 7H0820896)

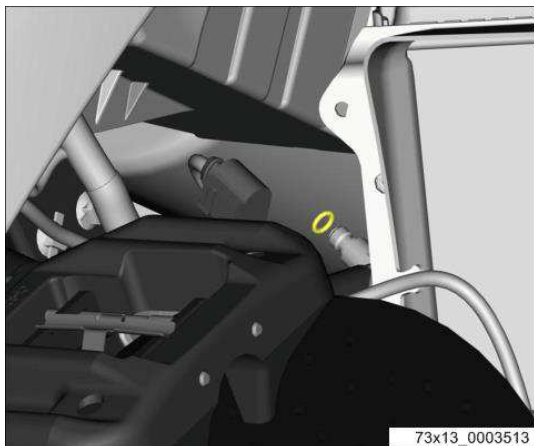
at each sensor replacement.

the seal ring has been designed for system containing refrigerant gas R134a for air conditioning.

therefore it is strongly recommended to use exclusively genuine seal rings furnished in the kit or orderable as a separate spare parts at Lamborghini Spare Parts Department.

To avoid eventual leaks apply a light layer of oil specific for refrigerant system (type ND-OIL8 or similar product) before installing seal ring.

Plug and seal oil container after its usage to prevent it from absorbing humidity.



- 5. Reassembly in reverse order all components on right side.

Your Area Manager is at full disposal for further information.

Best regards

Customer Service