

L83X-  
A.13.14

**To:** Official After Sales Network  
**Subject:** A/C pressure sensor update  
**Date:** 19<sup>th</sup>/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

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.

doc. nr: L/V6\_M06 Rev.[02]

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

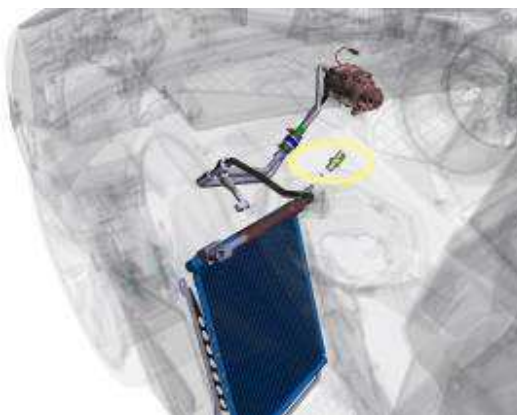
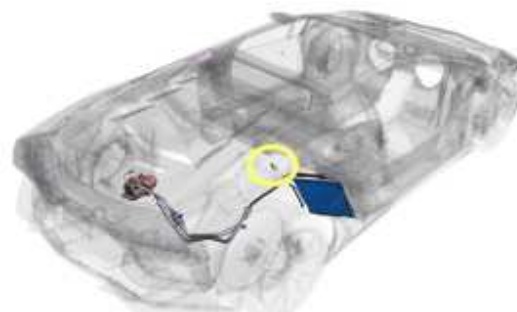


### **WARNING!!!**



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**

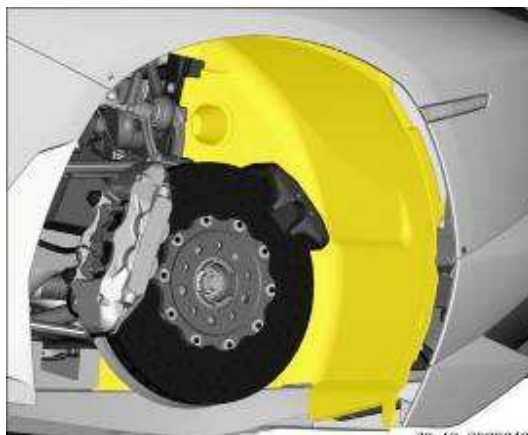


2. Wheelhouse disassembly (right side).

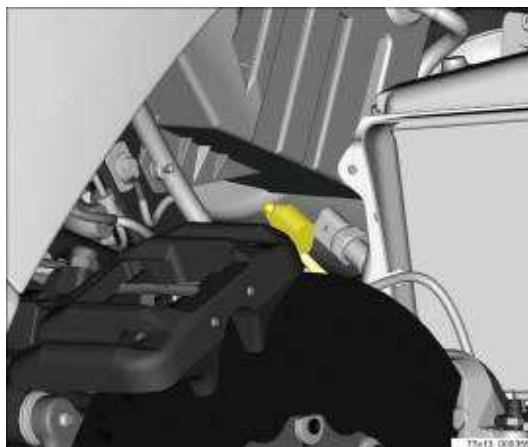
Each wheelhouse panel consists of 2 sections front and rear. It is recommended to disassemble both elements.

Screw tightening.

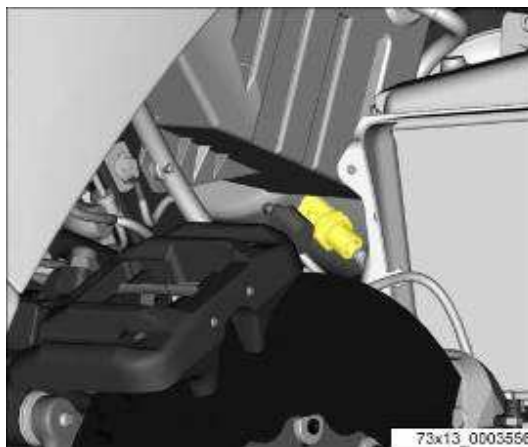
Torque: **9Nm M6 screws,**  
**5Nm others.**



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)**

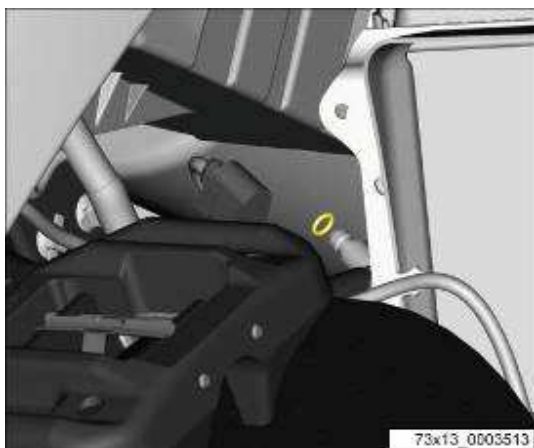
at each sensor replacement.

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