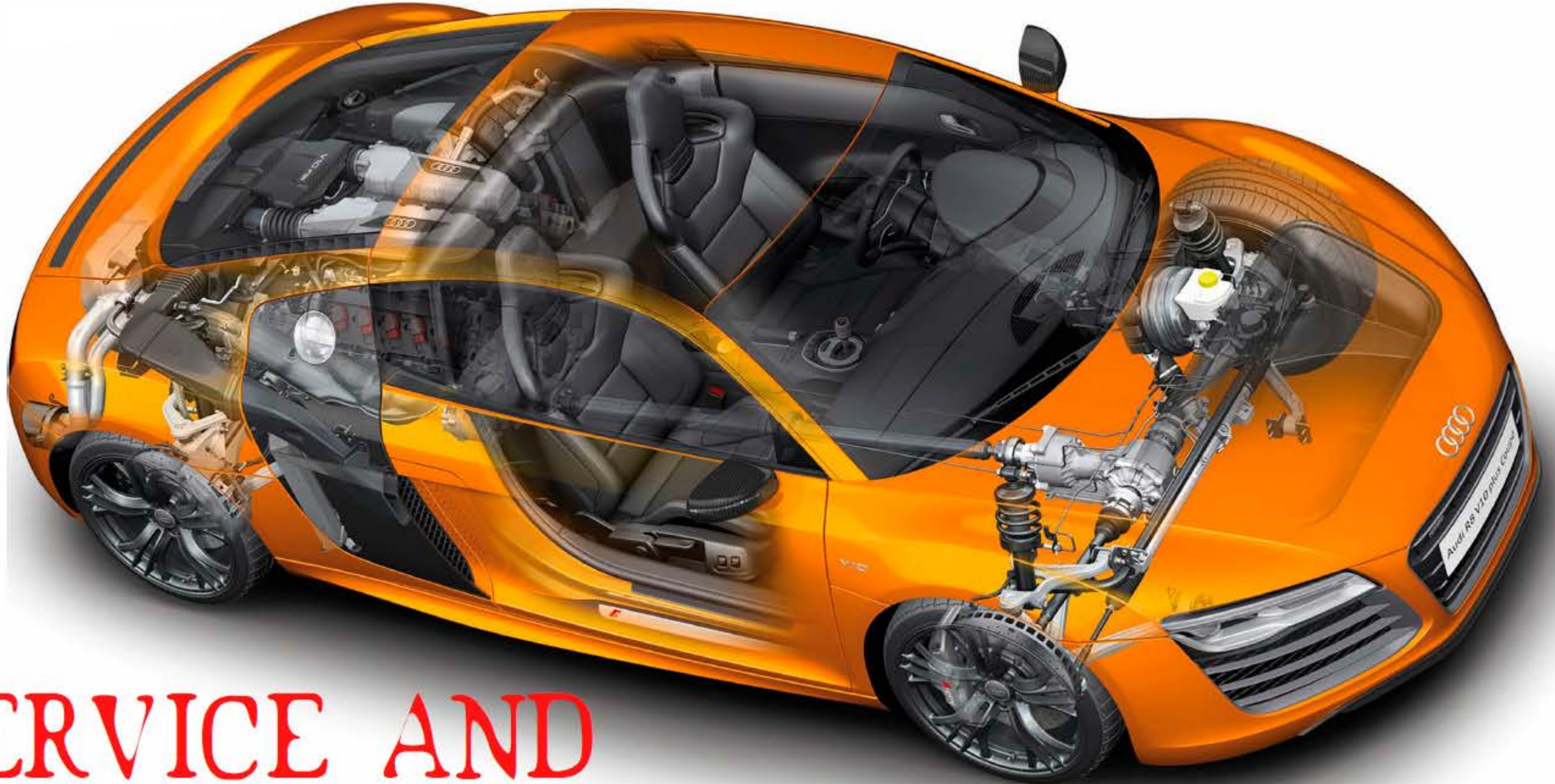


2012-2014 AUDI R8



Audi



SERVICE AND
REPAIR MANUAL

- Loosen bolt -2- and remove the bolts -1- and 3-.

- Left lower coolant hose push aside.



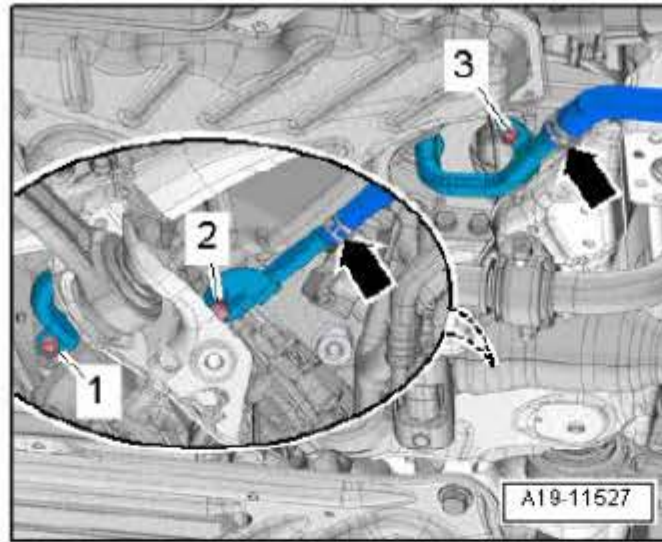
Ignore the -arrows-.

Continued for Both Sides

- Disconnect the connector -1-.



The Socket T30-T10405- is required for the left side of the vehicle.



- Remove bolt -2-, and remove the sensor/subframe mount.

Installing

Install in reverse order of removal. Note the following:

- Afterwards, perform the basic setting of the assembly mount see Vehicle Diagnostic Tester, [BA - assembly mount J931], [Guided Functions], [BA - form basic setting].

Tightening Specifications

- Refer to → Chapter „Overview - Engine Mount“
- Refer to → Chapter „Overview - Coolant Pipes“
- Refer to → Chapter „Overview - Auxiliary Cooler, Radiator Coolant Circuit for ATF Cooling, Audi RS6/RS7“
- Refer to → Body Exterior; Rep. Gr.66; Wheel Housing Liner; Overview - Front Wheel Housing Liner.
- Refer to → Body Exterior; Rep. Gr.66; Noise Insulation; Overview - Noise Insulation.

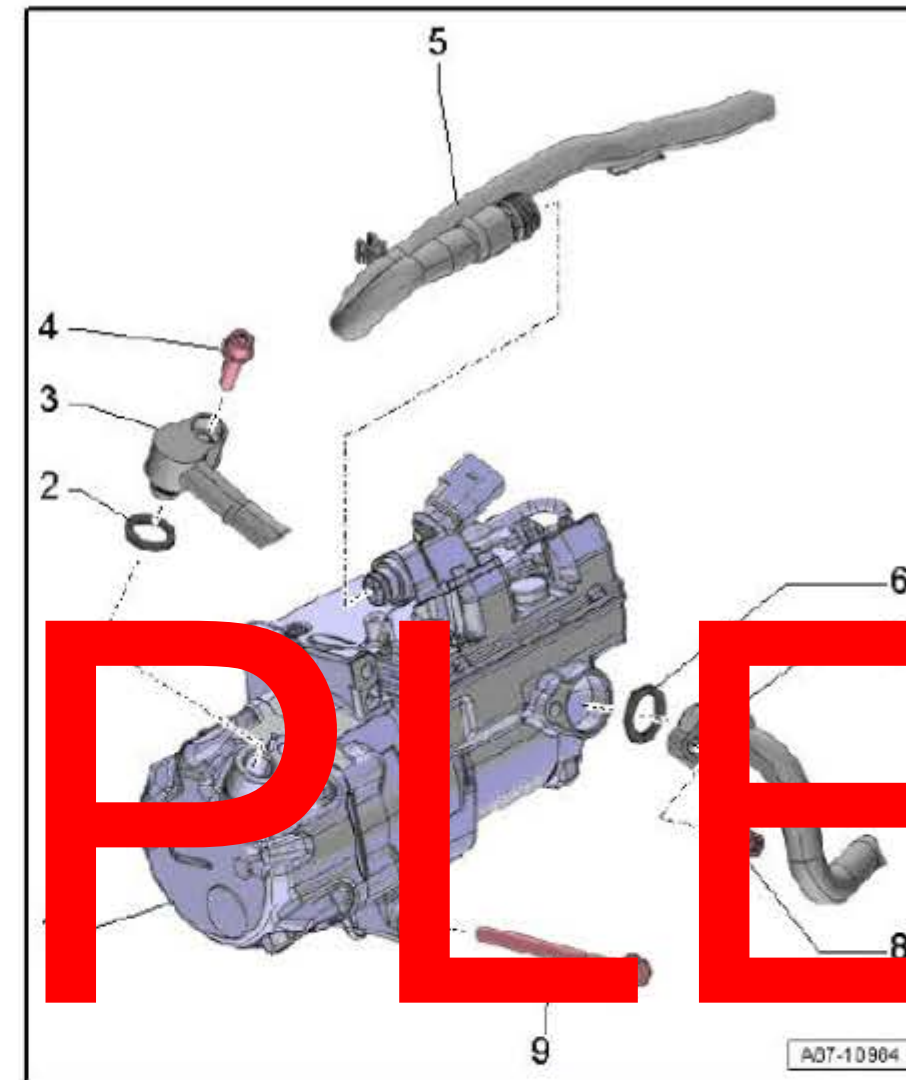
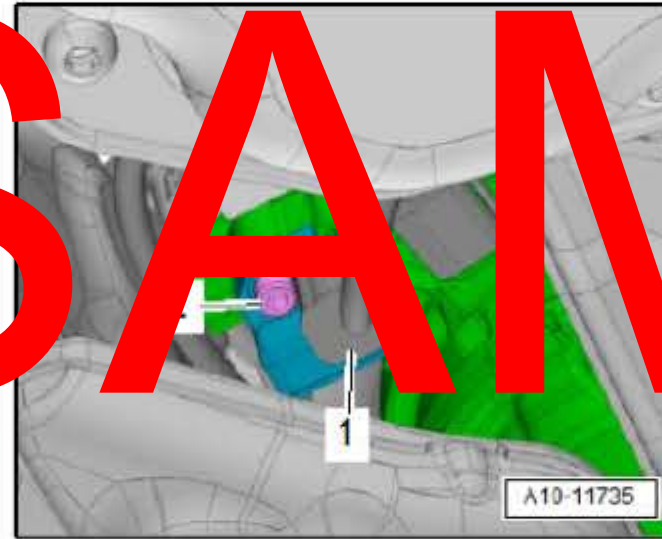


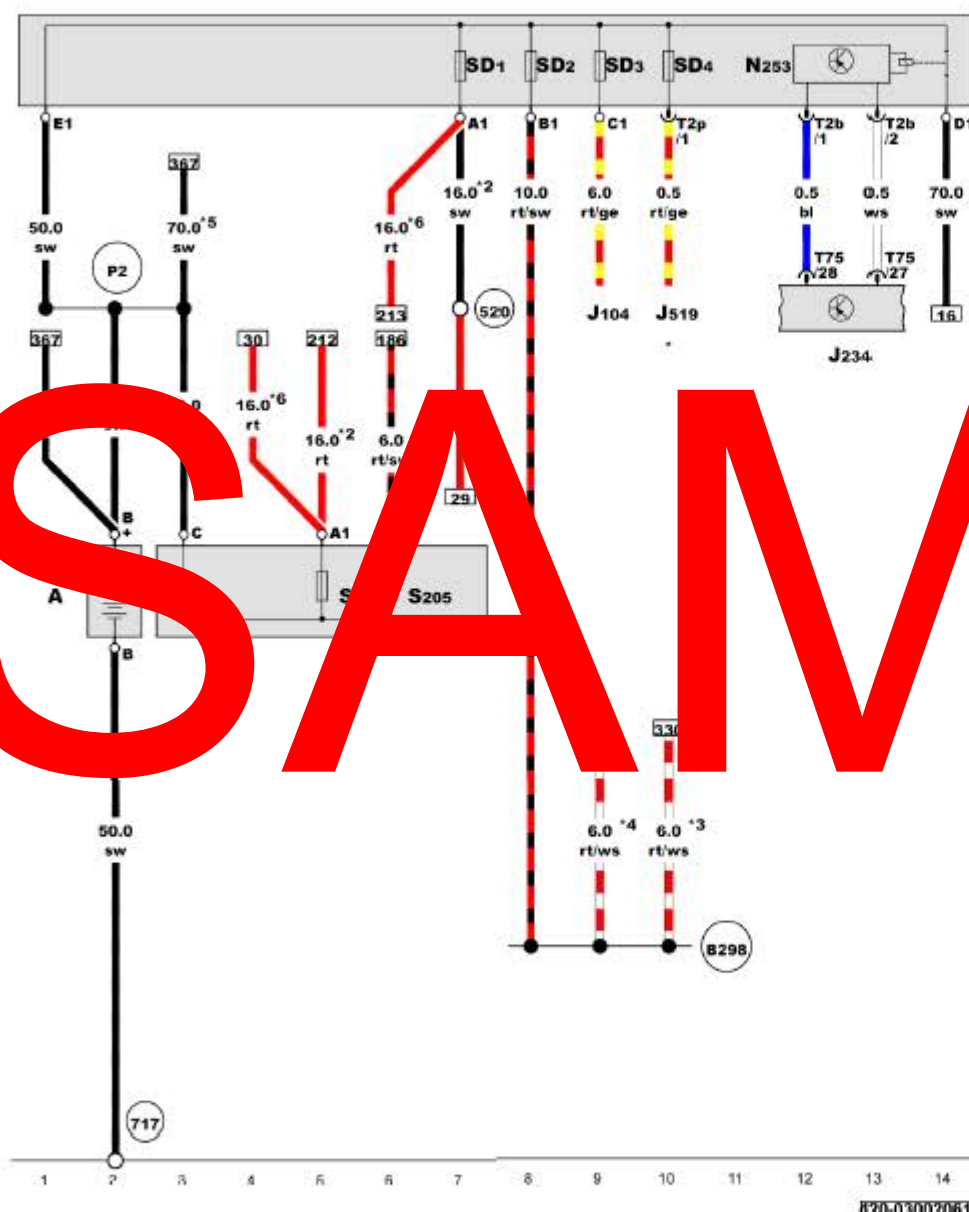
Fig. 46: Identifying Electric A/C Compressor
Courtesy of AUDI OF AMERICA, LLC

- Electric A/C Compressor
 - With A/C compressor control module -J842- and electric A/C compressor -V470-
 - Removing from bracket, refer to ELECTRIC A/C COMPRESSOR REMOVING FROM BRACKET.
 - Removing and installing, refer to ELECTRIC A/C COMPRESSOR.
- O-ring Seal
 - Replacing
- Refrigerant Line
 - High pressure side

Audi R8

Wiring Diagram

No. 30 / 2



Battery interrupt igniter

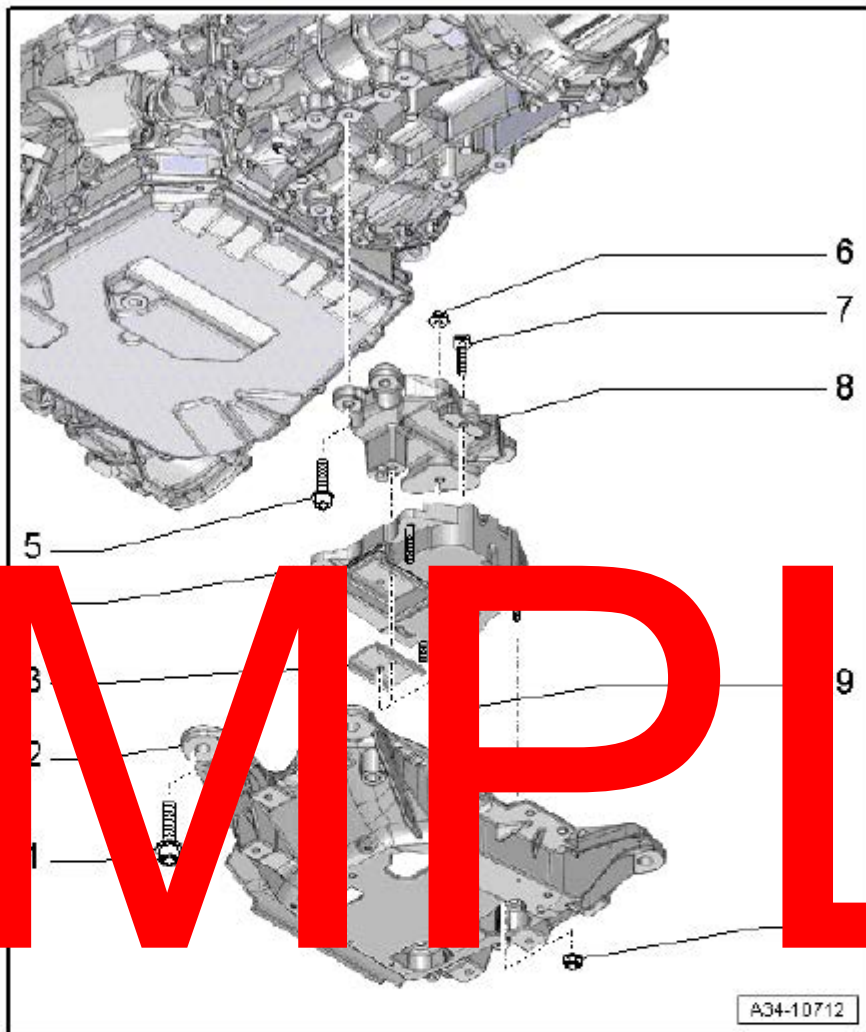
- A - Battery
- J104 - ABS control module
- J234 - Airbag control module
- J519 - Vehicle electrical control module system
- N253 - Battery interrupt igniter, in the right front footwell
- SD1 - Fuse 1 (on fuse panel D)
- SD2 - Fuse 2 (on fuse panel D)
- SD3 - Fuse 3 (on fuse panel D)
- SD4 - Fuse 4 (on fuse panel D)
- S204 - Fuse 1 (terminal 30), in the right front footwell
- S205 - Fuse 2 (terminal 30), in the right front footwell
- T2b - Double connector
- T75 - 75-pin connector
- 520 - Threaded connection on the coupling station, Connector station under the shelf, right
- 717 - Ground connection on right front crossmember
- B298 - Positive connection 2 (30) (in main wiring harness)
- P2 - Positive connection (30) (in battery wiring harness)
- * - Refer to applicable standard equipment wiring diagram
- *2 - Through October 2011
- *3 - from June 2009
- *4 - Through May 2009
- *5 - Only for Audi R8 GT
- *6 - from November 2011

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

4 - Transmission Mount

- Removing and installing. Refer to → Chapter „Transmission Mount, Removing and Installing“.

5 - Bolt



- Tightening specification. Refer to → Rep. Gr.37; Subframe Mount; Overview - Subframe Mount.

6 - Nut

- Tightening specification. Refer to → Rep. Gr.37; Subframe Mount; Overview - Subframe Mount.

7 - Bolt

- Tightening specification. Refer to → Rep. Gr.37; Subframe Mount; Overview - Subframe Mount.

8 - Transmission Support

- Removing and installing. Refer to → Chapter „Transmission Support with Transmission Mount, Removing and Installing“.

9 - Bolt

- Tightening specification. Refer to → Rep. Gr.37; Subframe Mount; Overview - Subframe Mount.

10 - Nut

- Tightening specification. Refer to → Rep. Gr.37; Subframe Mount; Overview - Subframe Mount.

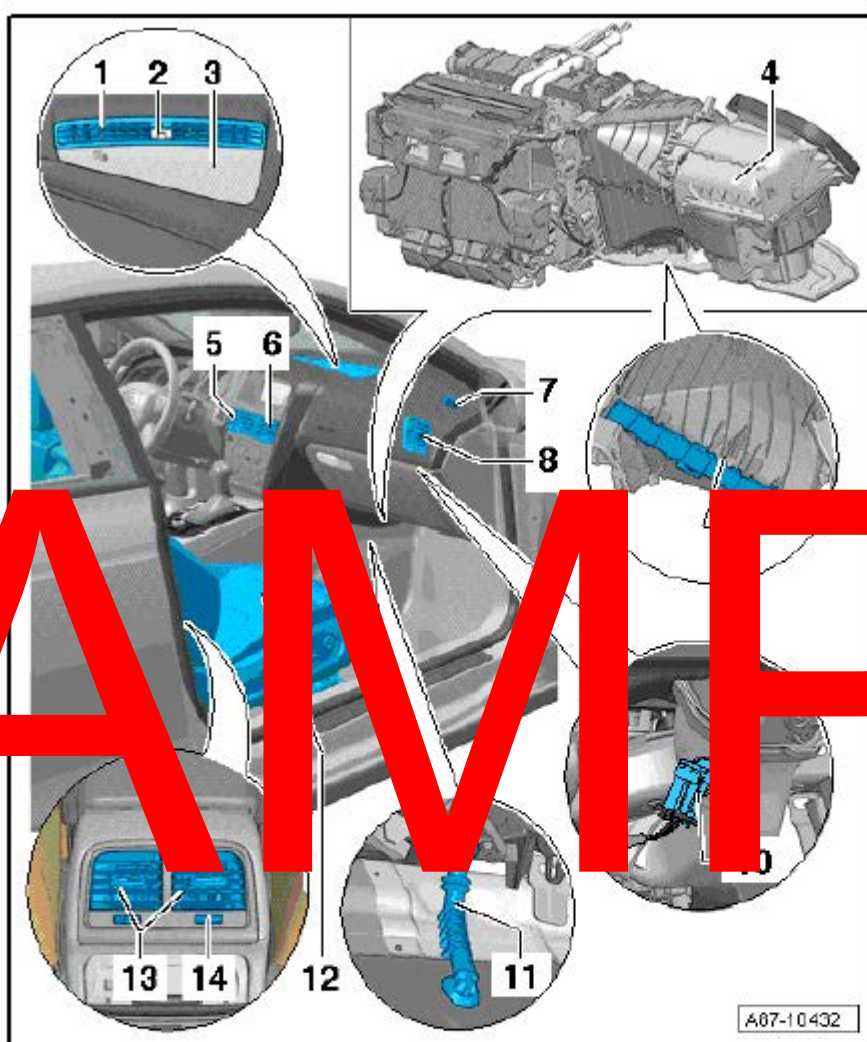


Fig. 31: Components On Right Side Overview

Courtesy of AUDI OF AMERICA, LLC

1. Defroster Vent/Front Window

- Removing and installing, refer to Interior Trim

2. Sunlight Photo Sensor -G107-

- Removing and installing, refer to SUNLIGHT PHOTO SENSOR -G107- and Removal and Installation.

3. Vents For Indirect Ventilation / Loud Speaker Cover, Instrument Panel, Center

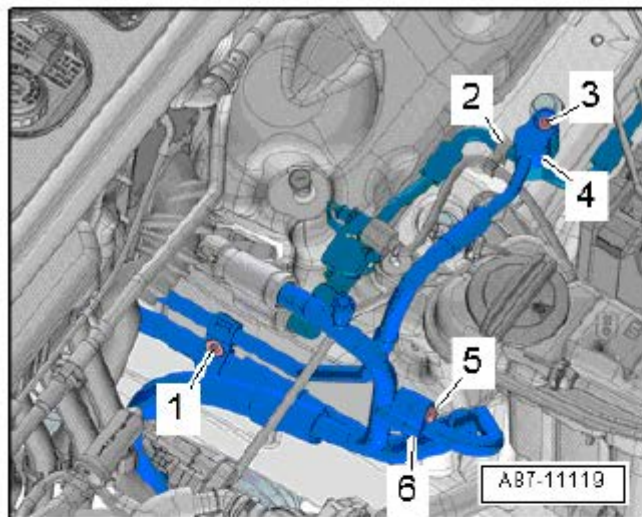


Fig. 248: Identifying Refrigerant Line Component

Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolt and separate the refrigerant pipe 4-.

NOTE: Ignition items 5, 6

disconnected and remove the electrical connector -3- from the mount.

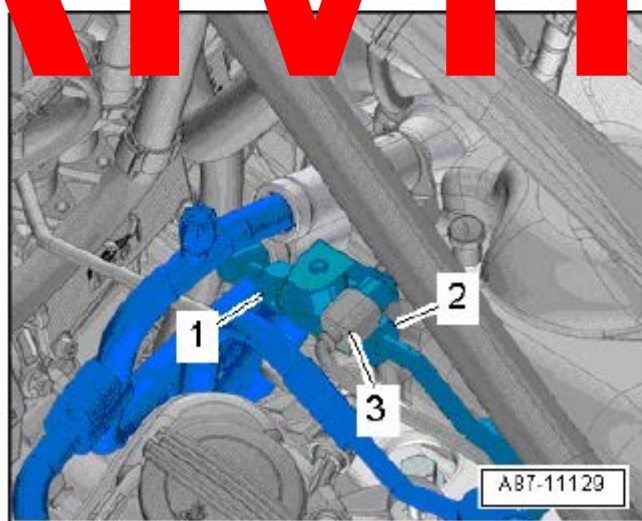


Fig. 249: Identifying Hybrid Battery Refrigerant Shut-Off Valve Components

Courtesy of AUDI OF AMERICA, LLC

- Loosen bolt -2- and remove the bolts -1- and 3-.
- Left lower coolant hose push aside.



Note

Ignore the -arrows-.

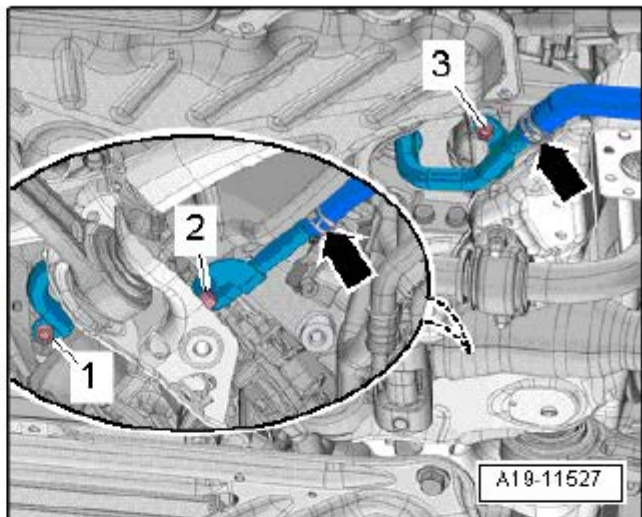
Continued for Both Sides

- Disconnect the connector -1-.



Note

The Socket T30 -T10405- is required for the left side of the vehicle.



Remove bolt -2-, and remove the sensor/subframe mount.

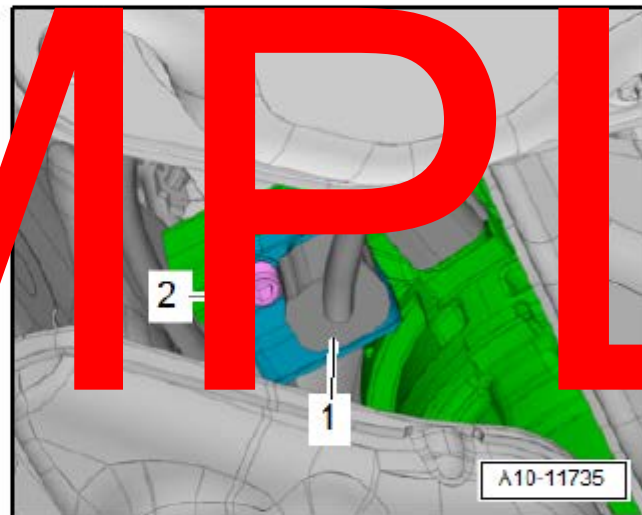
Installing

Install in reverse order of removal. Note the following:

- Afterwards, perform basic setting for the assembly mount the Vehicle.
- Use the Tester, [Assembly Mount J93]
- [Guidelines], [BA] perform basic setting.

Tightening specification

- ♦ Refer to → Chapter „Overview - Subframe Mount“
- ♦ Refer to → Chapter „Overview - Coolant Pipes“
- ♦ Refer to → Chapter „Overview - Auxiliary Cooler, Radiator Coolant Circuit for ATF Cooling, Audi RS6/RS7“
- ♦ Refer to → Body Exterior; Rep. Gr.66; Wheel Housing Liner; Overview - Front Wheel Housing Liner.
- ♦ Refer to → Body Exterior; Rep. Gr.66; Noise Insulation; Overview - Noise Insulation.



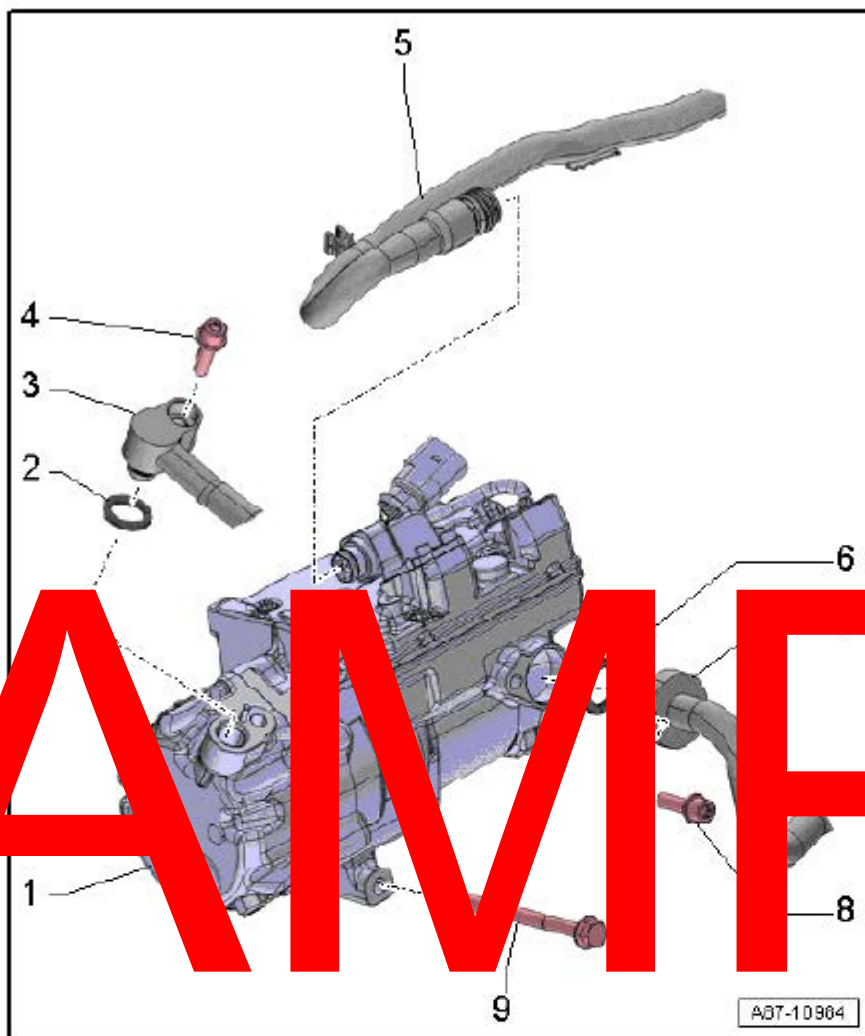


Fig. 46: Identifying Electric A/C Compressor
Courtesy of AUDI OF AMERICA, LLC

1. Electric A/C Compressor
 - With A/C compressor control module -J842- and electric A/C compressor -V470-
 - Removing from bracket, refer to **ELECTRIC A/C COMPRESSOR REMOVING FROM BRACKET**.
 - Removing and installing, refer to **ELECTRIC A/C COMPRESSOR**.
2. O-ring Seal
 - Replacing
3. Refrigerant Line
 - High pressure side

Power Circuit

