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Audi
Truth in Engineering



Audi Elsa Newsletter

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Technical Bulletins

46 Brake noise analysis and handling (2034181/12)		
Model(s)	Year	Vehicle Specific Equipment
All	2012–2016	Not Applicable
Condition: The customer may report hearing brake noise from front or rear brakes. The customer may describe these noises as a squeal, squeak, grinding, groaning, thumping, or creaking.		
Production Solution: Not applicable.		

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46 A6 and A7 squealing from front brakes (PR-1LJ) (2040964/2)		
Model(s)	Year	Vehicle Specific Equipment
A6	2014–2015	2.0T (PR-1LJ)
A6, A7	2014–2015	3.0TDI (PR-1LJ)
Condition: Customer may complain about brake squeak or squeal with light to moderate pedal pressure. Production Solution: Multiple unique improvements were released.		

17 Whistling noises from engine compartment (2040644/3)		
Model(s)	Year	Vehicle Specific Equipment
S6, S7, RS 7, A8, S8	2013–2016	4.0TFSI
Condition: - A metallic whistling or grinding sound is heard from the engine compartment when the vehicle is at idle speed. - The sound usually only occurs when the engine is warm. - The MIL is sporadically on. - The following DTCs are stored in the engine control module (ECM), J623 (address word 01): - DTC P2279 (Intake air system leak) - DTC P0507 (Idle control system RPM higher than expected) Production Solution: Fabric reinforced internal membrane of crankcase breather module.		

87 Air conditioning does not cool and / or compressor is noisy (2038023/7)		
Model(s)	Year	Vehicle Specific Equipment
A3, A3 Cabriolet	2015	Not Applicable
Condition: - One or more of the following conditions are exhibited: - The air conditioning does not cool, or the cooling performance is very weak.		

- The air conditioning system cools, but the compressor is noisy. The noise is characterized as a grinding or groaning noise.
- Either symptom may be intermittent.
 - No DTCs are stored.

Production Solution: Denso A/C compressors are currently being installed in production (Figure 2 and Figure 3).

An improved N280 valve for the Sanden A/C compressor is now available as a replacement part (5Q0 260 839 A). Replacement of the entire A/C compressor is not necessary in most cases.



Figure 1. N280 Refrigerant Regulating Valve. Figure 2. Denso compressor identification tag. Figure 3. Sanden compressor identification tag.

55 “Low Oil Level” message is on in the DIS or MMI (2023967/7)

Model(s)	Year	Vehicle Specific Equipment
A4, A5 Cabriolet, Q5	2009–2013	Not Applicable
A5	2008–2013	Not Applicable

Condition: “Low Oil Level” message is on in the DIS or MMI.

Production Solution: Improved hood contact switches have been put into current production vehicles, and a software change with improved logic is planned for production.

70 Noises from headliner / sunroof area (2038029/4)

Model(s)	Year	Vehicle Specific Equipment
A3, Q3	2015–2017	Not Applicable
A4, allroad, A8	2010–2017	Not Applicable
Q5	2010–2016	Not Applicable
Q7	2010–2015	Not Applicable

Condition: Various squeaks and/or rattles are heard from the roof area on vehicles equipped with a panoramic sunroof.

Production Solution: Not applicable.

20 MIL on (DTC P045600 - EVAP system leak detected NVLD (very small leak)) (2035073/10)

Model(s)	Year	Vehicle Specific Equipment
A3, A3 Cabriolet	2015	With NVLD
A4, allroad, A5, RS 5, A5 Cabriolet, Q5	2013-2015	With NVLD
A6, A7, RS 7	2012-2016	With NVLD
A8	2011-2015	With NVLD

Condition:

- MIL on.
- DTC P045600 (EVAP System Leak Detected NVLD (very small leak)) is stored in the engine control module (ECM), J623 (address word 01).
- Drivability is not affected.

Production Solution: New NVLD pressure switches and NVLD filters in production.

20 MIL on (DTC P045600 - EVAP system leak detected NVLD (very small leak)) - Repair Authorization (2042166/1)

Model(s)	Year	Vehicle Specific Equipment
A3, A3 Cabriolet	2015	With NVLD
A4, allroad, A5, RS 5, A5 Cabriolet, Q5, A8	2015-2016	With NVLD
A6, A7, RS 7	2016	With NVLD

Condition:

- MIL on.
- DTC P045600 (EVAP System Leak Detected NVLD (very small leak)) is stored in the engine control module (ECM), J623 (address word 01).

- Drivability is not affected.

Production Solution: No changes to production have been made, as no issue has been identified.

**91 Rearview camera intermittently inoperative (DTC 2203)
(2041430/2)**

Model(s)	Year	Vehicle Specific Equipment
A4, A5, A8, Q3, A5	2013–2016	Rearview camera
Q7	2013–2015	Rearview camera
A6, A7	2014–2015	Rearview camera

Condition:

- The customer complains that the rearview camera image is not displayed on the MMI display.
- DTC 02203 (audio/video input 1) is logged in the rearview camera system control module, J772 (address word 6C) with one of the following fault symptoms:
 - 11 open circuit
 - 8 implausible signal

Production Solution: Not applicable.

91 MMI3G+ Audi connect only reaches 2G service - Telephone module replacement instructions for A6 & A7 (2039515/5)

Model(s)	Year	Vehicle Specific Equipment
A6, A7	2011–2013	Audi connect

Condition: The customer complains that the Audi connect online service in their 2012-2013 A6 or A7 vehicle only reaches 2G service when in certain metropolitan areas.

Production Solution: A telephone module that supports 3G service on the 1900MHZ band was installed beginning with model year 2014 vehicles. No repairs are necessary for model year 2014 vehicles and later.

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91 MMI3G+ Audi connect only reaches 2G service - Telephone module replacement instructions for A4,A5,A5 cab,Q5,Q7,A8 (2039476/5)

Model(s)	Year	Vehicle Specific Equipment
A4, A5, A5 Cabriolet, Q5	2013	Audi connect
A8	2010-2013	Audi connect
Q7	2012-2013	Audi connect

Condition: The customer complains that the Audi connect online service in their 2011-2013 A8, 2012-2013 Q7, or 2013 A4, A5, A5 cabriolet, or Q5 vehicle only reaches 2G service when in certain metropolitan areas.

Production Solution: A telephone module that supports 3G service on the 1900MHZ band was installed beginning with model year 2014 vehicles. No repairs are necessary for model year 2014 vehicles and later.

91 MMI3G+ GPS navigation location inaccurate or navigation takes a very long time to acquire location (2040406/4)

Model(s)	Year	Vehicle Specific Equipment
A4, A5, A5 Cabriolet, RS 5, RS 5 Cabriolet, Q5, A6, A7, and A8	2013-2015	MMI3G+

Condition: When the vehicle is started, the GPS location or vehicle direction indicated on the MMI navigation map does not match the vehicle's actual location or direction of travel for a long period of time (often as long as 10 minutes).

Production Solution:

- New software was introduced in production starting calendar week 22 of 2013 (start of model year 2014 production).
- New hardware was introduced in production starting with calendar week 45 of 2014 (mid-model year 2015 production).
- New GPS antenna hardware introduced in production starting with calendar week 45 of 2014 (mid-model year 2015 production).

Pending Service Solutions

No new pending service solutions this week.

Campaigns

No new campaigns this week.

Updates

No new updates this week.

Suggestions

Please send comments or suggestions to: aoa.workshopinformation@audi.com

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