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Audi Truth in Engineering 

Audi Elsa Newsletter

Edition 72: February 11, 2014

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Windows XP - End of Support (EoS) and New VAS Diagnostic Devices

Did you know that Windows XP SP3 support ends on April 8th? What this means to you is that any Windows XP security and vulnerability issues reported afterwards will not be resolved by Microsoft. This places all VAS diagnostic devices connected to VWAG Group Systems at risk, and necessitates the update of eligible devices to Windows 7.

The good news is that the Audi of America Workshop Technology team have been working on ways to help you transition to the new operating system. Our initial

contact on this topic was back in September when we sent a Dealer Broadcast email to all Service Managers/Directors. The Broadcast provided preliminary information on Windows XP EoS as well as Windows 7 update eligibility for existing VAS devices in service.

As not all existing devices are eligible for Windows 7 installations, we worked with Audi AG to secure limited time, special pricing for our new, faster generation of VAS 6160A Diagnostic Tablets and VAS 6150C Diagnostic Laptops, e.g.: SSD hard drives, faster Intel processors, preloaded with Windows 7 etc. Special pricing for replacement devices applies to mix and match packages, with or without VAS 5054 Transmitters, and the availability of the VAS 6356 Test Instruments Box and new tool cart. For more information, check out **Service Information - Workshop Equipment** documents **ATE-13-17 - US only**, and **ATE-13-21 - Canada only** posted on ServiceNet. But hurry: Special pricing arrangements for replacement devices are scheduled to end March 1st.

The AoA DTSS Team is also in the final stages of testing and validating the installation of device-specific Windows 7 DVDs (supplied by VWAG) for existing, eligible devices. When rolled out later this month, the Windows 7 DVDs will be bundled with the latest ODIS Service application and brand content versions on a DVD (V2.1.0 etc.) for fast post-installation setup. As always, comprehensive instructions will be posted on ServiceNet.

We urge you to work with your workshop management team to be prepared for Windows XP EoS and the upcoming Windows 7 installations.

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Technical Bulletins

37 Rough downshifts when vehicle is slowed to a stop (2036278/1)

Model(s)	Year	Vehicle Specific Equipment
A8	2013	3.0T-FSI Engine / OBK transmission

Condition:

- Rough downshifts when the vehicle is slowed to a stop.
- No DTCs are stored in the engine control module (ECM), J623, or in the transmission control module (TCM), J217.

Production Solution: New software in TCM addressed the condition

48 Creaking or squeaking noises from steering column (sealing boot) (2034351/3)

Model(s)	Year	Vehicle Specific Equipment
A4, S4, Q5	2009–2013	Not Applicable
A5, S5, RS5, A5/S5/RS5 Cabriolet	2010–2013	Not Applicable
A6, A7	2012–2014	Not Applicable

Condition: Customer may report hearing creaking or squeaking noise from the steering column when steering slowly (the noise can be duplicated while the vehicle is stationary if the steering wheel is turned slowly). The noise may get louder at higher temperatures or when the vehicle is driven for a longer period of time.

Production Solution: Not applicable.

68 Creak or squeak noise from center console (2036335/1)

Model(s)	Year	Vehicle Specific Equipment
A4	2014	Not Applicable

Condition: Creaking noise is heard from the right side of the dashboard or center console area, beneath the HVAC controls.

Production Solution: Insulation installation corrected in production.

19 Coolant pipe leaks on turbocharger (2036167/1)

Model(s)	Year	Vehicle Specific Equipment
S6, S7, A8, S8	2013	4.0T

Condition:

- The low coolant level light is illuminated.
 - The coolant level is too low.
- A black crust is visible on the turbocharger coolant lines.

Production Solution: Modified coolant feed pipes, coolant return pipes, and o-rings.

01 MIL on (P0300 and/or P0301, P0302, P0303, P0304 - cylinder misfire detected) (2033630/2)

Model(s)	Year	Vehicle Specific Equipment
A3, A4, allroad, TT, A5, A5 Cabriolet, Q5	2008–2015	4-Cylinder Engines
A6	2012–2015	4-Cylinder Engines

Condition:

- MIL on.
- Rough idle.
- One or more of the following DTCs are stored in the Engine Control Module (ECM), J623 (address word 01):
 - DTC P0300 (Random/Multiple Cylinder Misfire Detected).
 - DTC P0301 (Cylinder 1 Misfire Detected)
 - DTC P0302 (Cylinder 2 Misfire Detected)
 - DTC P0303 (Cylinder 3 Misfire Detected)
 - DTC P0304 (Cylinder 4 Misfire Detected)
- Engine may have reduced performance without significant loss of power or stalling.

Production Solution: Improved ignition coil since 2008 model year.

00 Audi A8 L W12 engine and transmission - Repair Authorization (2026692/5)		
Model(s)	Year	Vehicle Specific Equipment
A8	2011-2014	W12 engine
<p>Condition: If a 2012 - 2015 Audi A8 L W12 arrives at an Audi dealership and requires diagnosis or repair, a Repair Authorization must be obtained.</p> <p>Production Solution: Not applicable.</p>		

Pending Service Solutions

No new pending service solutions this week.

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Campaigns

No new campaigns this week.

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Updates

24AL - ECM Software Update (FED_EMS)					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
S5	2008-2010	All	Automatic Transmission	See Campaign/Action screen in Elsa	See Campaign/Action screen in Elsa
<p>This Update has been proactively released to prevent the following condition from occurring in the vehicle: MIL on for random cylinder misfires during cold start.</p> <p>This Update is in effect until removed.</p> <p>Vehicle must meet all of the following criteria:</p> <ul style="list-style-type: none"> • Procedure is valid only for vehicles that show the 24AL code in the Elsa Campaign/Action Information screen on the day of repair. <ul style="list-style-type: none"> • Vehicle must be within the FEDERAL EMISSIONS warranty. 					

- Procedure must be performed within the allotted time frame stated in this Technical Service Bulletin.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

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Suggestions

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

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