

Audi On-car analysis list from October 14, 2022

Please contact Audi Helpline before attempting repair

All topics have associated worksheets to be filled out and attached to the TAC ticket. Worksheets can be found in ServiceNet>>Technician References>>Vin-4-Pin>>Worksheets

	Models	MY	Engine	Trans	Topic	Topic details
PT	Q3	2020-2021	All	All	Coolant warning Lamp	Customer states they receive a low coolant warning in the cluster. Coolant level appears to be full in the reservoir - Case does not relate to TSB 2061918 - Photo showing reservoir level - Complete reservoir, connector and 4 inch harness section
	Q7/Q8	2021-2022	All	All	Active Air Shutter	Check engine lamp is illuminated and DTC P05A000: Active Grille Air Shutter "A" Stuck is stored in the ECM. - P05A000: Active Grille Air Shutter "A" Stuck - Photos of the shutter motor
EL	Q5	2022	Any	Any	ACC sensor misadjusted	Customer states they have an ACC warning shortly after PDI (less than 600mi on the odometer) with a misadjusted ACC sensor (DTC C110300 in diag. addr. 0013) - Vehicles must have less than 600 miles - DTC C110300 Sensor misadjusted in DA 0013 - Photo of bumper mold number (see worksheet)
	Q3	2022	2.0	Any	Boost pressure sensor	Check engine lamp is on, DTC (s) P010600, P023600, P023700, P023800 Documentation needed: - Wiggle test harness - Check pin fitment and pin drag - Check circuit resistance (if needed) - Photos of findings - Q3 Boost pressure sensor worksheet
	Q3	2022	Any	Any	Rear PDC sensor connector loose	Parking aid warning is displayed shortly after PDI. DTC B10F914: Right front center parking aid sensor Open circuit/short circuit to Ground (GND) may be set - DTC B107B13: Rear parking aid sensor Open circuit - Untouched vehicle (with exception to removing the bumper) - Photo of sensor connector as it was found - Photo of bumper harness label
	A6	2022	Any	Any	PDC sensor connector loose	Parking aid warning is displayed shortly after PDI. Either a front or rear PDC sensor is found not connected. - Untouched vehicles needed (with exception to removing the bumper) - Photos of sensor connector as it was found and bumper harness label
BD	e-tron GT	2022-2023	Any	Any	Noise from front door trim panel while driving or with audio playback	Video of noise before repair 1 photo wide shot to capture the entire area repaired 1 photo close up of repair Submit Worksheet "Noise from Front Door Trim Panel e-tron GT"
	e-tron Quattro e-tron SB	2021-2022	Any	Any	Noise from Front Door Trim Panel	Noise from front door trim panel while driving - Video of noise before repair is performed - Photos of repair
	A5	2021-2022	Any	Any	Noise from Front Door speaker Grill	Noise from front door loudspeaker grille with music playback or while driving - Video of noise before repair is performed - Photos of repair - Photo of the sound settings in the MMI and the music genre/song



Noise from Front Door Trim Panel e-tron GT	
Topic	Noise from front door trim panel while driving or with audio playback
Date submitted	Month/Day/Year
Model(s) affected	2022-2023 e-tron GT
VIN Range (if applicable)	For noise concerns outside the scope of TSB 2064546 "Buzzing noise heard from the midrange speaker trim cover"
Documentation needed	• Video of noise before repair is performed • Photos of repair (e.g. felt tape on door trim panel clips): ➢ Wide shot photo to identify the area of repair ➢ Close-up photo of repair • TAC case submitted with Worksheet "Noise from Front Door Trim Panel e-tron GT"
Questions	• Could you verify the noise from the front door trim panel during a test drive or when playing music? • What area of the door trim panel is the noise coming from? Please be as specific as possible. • What was the cause of the noise? • How was the noise from the door trim panel corrected?
Other information: (Please include any other useful information from the customer or found during diagnosis.)	
 Note:	• Information requested in these worksheets update frequently. Please always use the latest worksheet on ServiceNet. • Please include all information requested in the worksheet up front when submitting the WEB ticket to TAC.



Analysis Worksheet							
Topic	Q3 Boost pressure sensor DTC: - P010600: Manifold Abs.Pressure or Bar.Pressure Range/Performance - P023600: Turbocharger Boost Sensor (A) Circ. Range/Performance - P023700: Turbocharger Boost Sensor (A) Circ. Low Input - P023800: Turbo charger boost sensor (a) circ. high input						
Previous work	Document any past work performed for this concern.						
Model(s) affected	2022 Q3 2.0 TSFI						
VIN Range (if applicable)	NA						
Circuit check	Circuit	Circuit color				Pin drag and fitment	
	G31 to T10kx	Yellow	Brown	Red	Gray		
	Resistance						
	Short to B+						
	Short to Ground						
	ECM to T10k	Yellow	Brown	Red	Gray		
	Resistance						
	Short to B+						
	Short to Ground						
	Instructions	The goal of these checks is to identify if there is an issue in the vehicle harness. Step 1: Monitor G31 boost pressure sensor MVB while wiggle testing connections at G31, T10k and ECM. Step 2: If no issues are detected from step 1, continue with resistance measurements and pin drag checks utilizing the chart above. At any point if an issue is detected, take clear photos of the findings. Step 3: Report findings to TAC and wait for further instruction.					
	Other information: (Please include any other useful information from the customer or found during diagnosis.)	While performing checks, observe the harness for any sections the harness may be pulled to tight, are chaffing, pinched between components or tie downs.					

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