96-19-01 - Access-Start Authorization (KESSY) - Keyless Defective Message in Instrument Cluster   Release date: 11/5/2019

Condition

Applicable Vehicles

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To	PR Code
Passat	2018 - 2019	All	All	All	All	4F6

Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2056358/1	11/5/19	96-19-01	Original publication.

The customer reports that the warning message "Keyless defective" has appeared in the instrument cluster after starting the engine (Figure 1).

Figure 1.

96-19-01 - Access-Start Authorization (KESSY) - Keyless Defective Message in Instrument Cluster

Release date: 11/5/2019

Technical Background

A software-related deviation in the Access/Start Authorization Control Module *-J518-* allows false detection of an open circuit condition during engine cranking.

One or more of the following DTCs is stored in the Access/Start Authorization Control Module *-J518-* (diagnostic address 05):

DTC	Description	Status
B117213	Access/start system antenna 1 in vehicle interior Open circuit	Sporadic
B117313	Access/start system antenna in luggage compartment Open circuit	Sporadic
B117413	Access/start system antenna 2 in vehicle interior Open circuit	Sporadic

Production Solution

Improved software version 1405 used in production starting CW26/19.

Service

Using software version management (SVM), update the software of the Access/Start Authorization Control Module.

Procedure:

To perform the update, after the full vehicle scan at GFF start-up:

- From the "Special Functions" tab in ODIS > Select "Adapting Software" > then "Update software via action code."

- Follow the on-screen prompts and use the SVM code as listed in the table below.

Tip:

This software update will address the DTCs and warning message listed above **only when caused by false open circuit detection**. However, these DTCs may also result from the detection of a real open circuit condition. Therefore, if these DTCs are static, or if they return again after the software update is installed, then further diagnosis should be carried out through Guided Fault Finding (beyond the scope of this technical bulletin).

Part Number	Old Versions	New Version	SVM Code
5K0959434J	SW 1402, 1403	SW 1405	436E
5K0959434K			

96-19-01 - Access-Start Authorization (KESSY) - Keyless Defective Message in Instrument Cluster

Release date: 11/5/2019

⚠️ Note:

Review and follow instructions in Technical Bulletin 01-18-12 "Software Version Management" (2014603).

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.

Prior to launching the ODIS service diagnostic applications and starting control module update process, confirm the date/time and time zone in Windows. The Windows date/time and time zone settings are used by the diagnostic software as a component of the diagnostic logs submitted for warranty purposes.

- The ODIS tester patch version **5.1.6** and the baseline version **2.39.8** or higher must be installed.

- Connect a GRX3000VAS or MTRMSP0702 battery tester/maintainer to the vehicle battery.

- Do not operate the instrument cluster and the radio-navigation system during the update.

- Do not start the engine during the update.

- Make sure that during the software update no electro-magnetic radiation sources (for example, mobile phones or cordless phones) are used in or near the vehicle.

- A cable connection between the ODIS tester and the vehicle must be used. When using a Bluetooth or WiFi connection (diagnostic tool) the software update may fail.

- During the software update switch the hazard warning lights on to ensure a constant CAN data bus activity of the vehicle.

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual [1]					
Model(s)	**Year(s)**	**Eng. Code(s)**	**Trans. Code(s)**	**VIN Range From**	**VIN Range To**
Passat	2018 – 2019	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type [1]				
Service Number:	**Damage Code**		**HST**	**Damage Location (Depends on Service No.)**	
9666	0039		--	--	
Parts Manufacturer		Passat		HLH	
Labor Operation [3] : Charge battery		27068950 = See Elsa for latest time units.			

96-19-01 - Access-Start Authorization (KESSY) - Keyless Defective Message in Instrument Cluster

Release date: 11/5/2019

Labor Operation [3]: Update programming	See GFF time expenditure	
Causal Part: Select labor operation	01500000	
Diagnostic Time [4]		
GFF Time expenditure	01500000 = Actual GFF printout (50 TU Max.)	Yes
Road Test	01210002 = 00 TU 01210004 = 00 TU	No
Technical Diagnosis	01320000 = 00 TU max.	No
Claim Comment: Input "As per Technical Bulletin 2056358" in comment section of Warranty Claim.		
[1] Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.		
[2] Code per warranty vendor code policy.		
[3] Labor Time Units (TUs) are subject to change with ELSA updates.		
[4] Documentation required per Warranty Policies and Procedures Manual.		

Required Parts and Tools

No Special Parts required.

Tool Description	Tool No:
Midtronics Battery Tester/Maintainer	GRX3000VAS Or MTRMSP0702
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with ODIS Service with current online updates.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.