



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

Release date: 9/XX/2020

Condition

| Applicable Vehicles | | | | | | |
|----------------------------|-------------|-----------|-------------|----------------|--------------|------------|
| Model(s) | Year | Eng. Code | Trans. Code | VIN Range From | VIN Range To | PR Code |
| Passat | 2017 – 2019 | All | All | All | All | 4F6 |
| Jetta | 2017 – 2018 | All | All | All | All | 4F6 or 4I8 |
| Beetle, Beetle Convertible | 2017 – 2019 | All | All | All | All | 4F6 |

| Revision Table | | | |
|-----------------|----------------|----------------|---|
| Instance Number | Published Date | Version Number | Reason For Update |
| 2056358/2 | 9/3/20 | 96-19-01 | Revise model and model year applicability, update condition information, and change SVM code. |
| 2056358/1 | 11/5/19 | 96-19-01 | Original publication. |

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

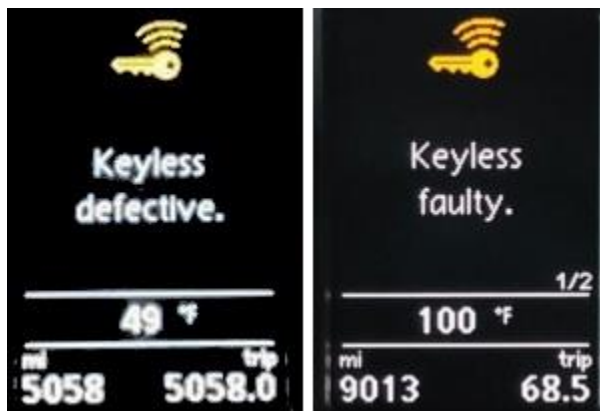


Figure 1.

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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, further diagnosis should be carried out through Guided Fault Finding (beyond the scope of this technical bulletin).



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| Part Number | Old Versions | New Version | SVM Code |
|-------------|---------------------|-------------|----------|
| 5K0959434G | SW 1302, 1305, 1308 | SW 1405 | 4415 |
| 5K0959434H | | | |
| 5K0959434J | SW 1402, 1403 | | |
| 5K0959434K | | | |



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 **5.2.7** and the baseline version **2.40.3** 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.



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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 | 2017 – 2019 | All | All | All | All |
| Jetta | 2017 – 2018 | All | All | All | All |
| Beetle, Beetle Convertible | 2017 – 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.

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.



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- 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

| 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.