

Technical Service Bulletin



57 "Is key in vehicle?" message appears with key in vehicle

57 15 09 2040239/1 April 16, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3 Cabriolet	2015	000001 - 085276	Advanced Key (PR 4I3)

Condition

- The message "Is key in the vehicle?" is displayed in the information panel even though the key is in the vehicle (Figure 1).
- This condition occurs intermittently in vehicles with Audi advanced key.

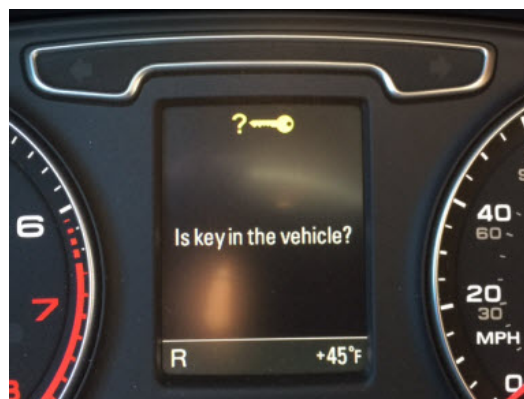


Figure 1. "Is key in the vehicle?" message.

Technical Background

This condition is a result of incorrect parameterization programmed into the B7 access start module from the factory. Because of the incorrect parameters, the access start module does not wait long enough for the remote key to respond to a location request. As a result, the module does not see the remote key and the message is displayed.

Production Solution

Updated parameters are used in series production.

Service

Before updating parameters:

- Open the remote key battery compartment and check for damage caused by outside influence, including water damage, corrosion, or laundry detergent residue. If damage is found, the remote key will need to be replaced, but the parameters should still be updated with the instructions below. Note that replacement of a remote key damaged through outside influence is not covered under warranty.
- If damage from outside influence is not found, check the remote key battery voltage to confirm that it is 3.0V or higher. If the voltage is less than 3.0V and the battery was previously replaced, contact TAC for additional steps. It is possible that a secondary issue exists with the remote key, but the parameters should still be updated with the instructions below.

Updating parameters:

1. Use Guided Functions to perform an SVM Check Module Configuration for the B7 access start module.

Select *Start Diagnosis >> Uncheck using Guided Fault Finding*.

Go to the **Control modules** tab and scroll down to **B7 - Access Start System Interface**. Right-click the module and select *Identify control module*. Next, right-click the module and select *Guided Functions>>SVM Check Control Module Configuration* (Figure 2).

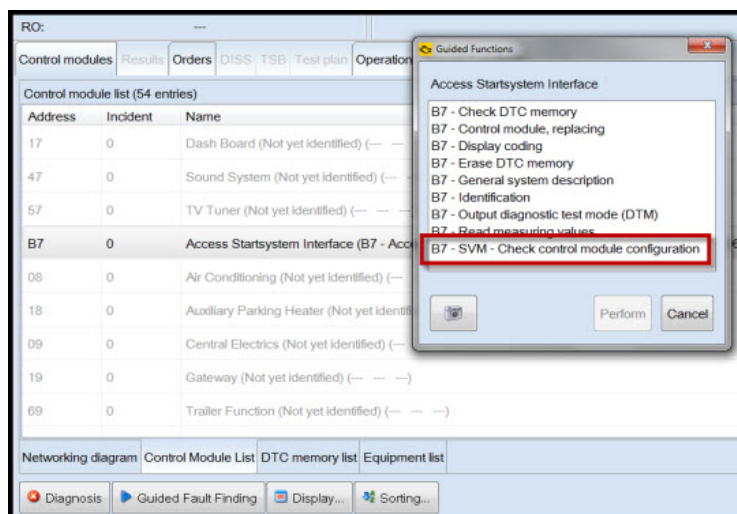


Figure 2. SVM Check control module configuration.

2. A dialog box appears to initiate the parameterization update to the access start module (Figure 3). The updated parameters allow the access start module to wait longer to recognize the key in the vehicle. Proceed with updating the parameter setting. The new parameter setting can be recognized by the version "0003" (Figure 4 and Figure 5).

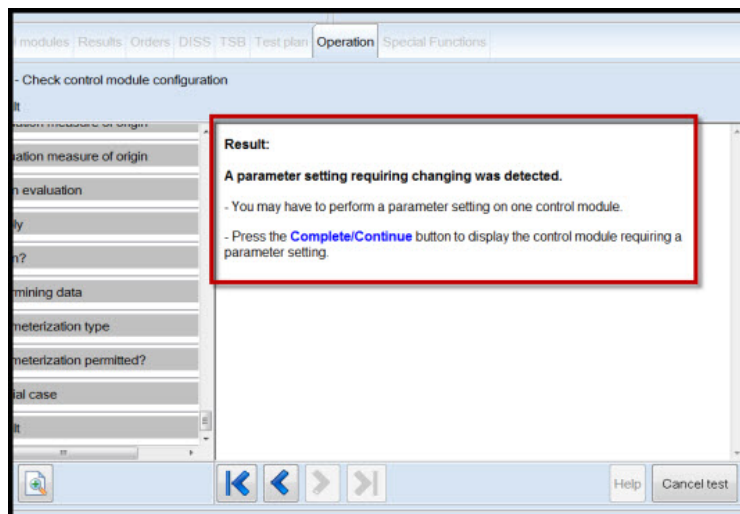


Figure 3. Parameter setting change dialog in ODIS.

Should the parameterization on this control module now be performed?

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Campaign: SELECTION

Output: For the control module **B7 - Interface for access/start system** a parameter setting was calculated.

Figure 4. New parameter set with version 0003.

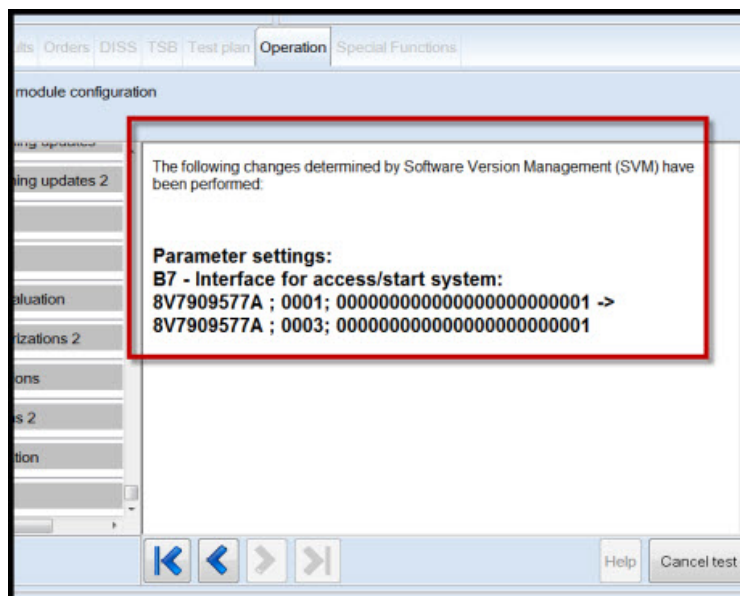


Figure 5. Parameter setting complete.

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Tip: No SVM code is required. If the new parameter setting with version “0003” was not suggested, do not perform any repairs. Instead, contact TAC. The new parameters with need to be set manually in Service42 (SVM) for the specific VIN. Once this is completed, the SVM Check Control Module should be performed again.



Tip: This TSB will be updated to include an SVM code for updating parameters without a TAC contact.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9666		
Damage Code:	0039		
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2040239/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty. Replacing the remote key is not allowed under this bulletin.

Additional Information

All parts and service references provided in this TSB (2040239) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.