

Tech Tips

TT 96-14-05

Date: August 22, 2014

2015 Golf, GTI – Immobilizer Key/Key Remote Adaptation Test Plan

February 5, 2016: Update to information. Photo demonstrating key to reader coil placement.

To adapt keys to a 2015 Golf or Golf GTI, it is necessary to complete the "Adapt Immobilizer" test plan. Kessy Vehicles: Verify that the reader coil is removed from the steering column and the key is touching the reader coil during key adaptation (Figure 1). Bladed key vehicle, it is not necessary to remove the reader coil. The test plan can be found under the ODIS Special Functions Tab (Figure 2) or by navigating to "Immobilizer functions" under "Elect. Immobilizer 5A" after clicking the "Select self test" button in the Test Plan tab (figure 3). This procedure adapts both the remote and immobilizer functions of the key.

Note: Vehicle may not start and or have warning lights on cluster after immobilizer / key adaptation is completed. See pg. 5 information in this tech tips after immobilizer / key adaptation for further instructions.



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Control modul	les Results Orders DISS TSB Test plan Operation Special functions					
Tests for the e	entire vehicle					
Status	Tests	-				
-	17 - Component protection, instrument cluster					
-	47 - Component protection, sound system					
-	57 - TV tuner component protect.					
-	5F - Component protection, information electronics	E				
	25 - Immobilizer functions					
-	25 - Adapt immobilizer					
-	25 - Immt bilizer components status					
-	25 - Online system test					
	25 - Component protection functions					
-	25 - Showroom mode	-				
•		· ·				
Perform test.	Display documents Figure 2					

- 23 Test overview . Heating, ventilation, air conditioning system (Repair Group) Electrical System (Repair Group 01; 27; 90 to 97) Ξ 4 01 - Systems capable of self-diagnosis 25 - Elect. immobilizer 5A 4 25 - Immobilizer functions 25 - Adapt immobilizer 25 - Immobilizer components status 25 - Online system test Figure 3 0 Documents Attach to the test plan Close

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When prompted by the test plan, make the selection to Repair immobilizer, as shown in figure 4.

Control modules Results Orders DISS	TSB Test plan Operation Special functions	
Adapt immobilizer 5		-1-
Prerequisite		.2.
Supply	This test program supports the adaptation of the immobilizer.	
Supply	For this an ignition key must be available.	
DEVICE	Please select: 1. Repair immobilizer	
Return	2. Rewrite all immobilizer data	
Supply	I Note:	
*****************	 If a new identity is implemented, a new key must be inserted into the ignition lock. For a new identity the Repair immobilizer must be selected. 	
Prerequisite		
<)		Figure 4

Once the purchaser's information is entered and valid login credentials are provided, the adaptation status of all immobilizer components is displayed (figure 5). Select "Complete/Continue".

Control modules Results Orders DISS	TSB Test plan Operation Special functions		
Adapt immobilizer 5			Complete/Continue
LOGICAL_LINK_1n <> LOGICAL_L	No activation is not necessary.	\$	
Supply	Status: No download necessary Control module: Engine control module 1		
Set repair shop code	Status: No download necessary Control module: Gearbox control unit Status: No download necessary		
Enable immobilizer	Control module: Emergency call module and comm unit Status: No download necessary Control module:	-	
CU assignment	Status:		
10/NIO			
Evaluation login/release			
		Help Cancel test	Figure 5

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Select "Yes" when prompted to perform key adaptation (figure 6).

Control modules Results Orders DISS TSB Test plan Operation Special functions		
Adapt immobilizer 5		Yes
Set repair shop code Es are 2 Keys adapted to anti-theft immobilizer control m Borform a key adapted ion?	nodule.	No
Return Fellolina key adaptation? Enable immobilizer		
CU assignment IO/NIO	_	
Return Evaluation login/release		
Supply Evaluate key state		
	Help Cancel test	Figure 6

Use the + and – buttons to select the number of keys to be adapted, then select "OK" (figure 7).

Control modules Results Orders DISS	TSB	Test plan	Operation	Special functions			
Adapt immobilizer 5							+
Specifying number of keys						_	
Supply	Enter	the numbe	r of keys th	at should be adapted via the + and - I	buttons.	-	ок
Read out status immobilizer	NUTT	Jei ui keys.	0	N			Abort
ок				L2		l	
Return							
XXXXXXCOMMENTXXXXXX						-	
10 Byte <> 8 Byte							
Transfer							
Return							
Specifying number of keys							
	K		>>		Help Cancel test		Figure 7

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Continue to follow test plan instructions to complete key adaptation (figure 8).

Control modules Results Orders DISS	TSB Test plan Operation Special functions	
Adapt immobilizer 5		Complete/Continue
Adapt key		
CU assignment	- Switch ignition on with key 2 .	Ν
Enable immobilizer		*1
CU assignment		
IO/NIO		
Return		
Evaluation login/release		
Evaluate immobilizer condition		
SWITCH with/without Kessy/ESCL		
Adapt key		
·		Eiguro 9
	Help Cancel test	Figure 8

Vehicle doesn't start and or warning lights ON after immobilizer / key adaptation. Check for faults related to modules that may no longer be coded.

Control modules	Vesults Orders DISS TSB Test plan Operation Special Functions	
4 Engine Conf	Module 1 (01 - Engine electronics 1.8–2.0 FSI SULEV) (5G0906259A 0005 2.0I R4 TFSI 06K907425B H13)	
⊳ 15364 P	31200 Engine control module (ECM) Incorrect coding (01100101 active/static)	
Þ 🚺 1717	U112300 Databus error value received (00101111 active/static)	
▶ 19875 U	لات المعني ال المعني المعني	
Brakes 1 (03)	Brake electronics) (3Q0907379P 0385 ESC 3Q0907379C H32)	
▶ 8286 U1	2300 Databus error value received (10001001 active/static)	
≥ 8314 P1	700 Checking coding/versions of control modules in drivetrain (00001001 active/static)	
letworking diag	m Control Module List DTC memory list Equipment list	
	Display Sorting	

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If a control module is no longer coded, the test plan for immobilizer / key adaptation has failed. If the scan tool being used is up to date, please submit feedback for the failed test plan using the Help tab and Support button in the right column of the scan tool.

It will be necessary to recode all modules that are no longer coded. Code modules online under the special functions tab, "Code online control module". Modules may include, but not limited to ECM, ABS, TCM.

Control modu	Iles Results Orders DISS TSB Test plan Operation Spec	cial Functions		
Tests for the	entire vehicle			
Status	Tests		Data *	
	5F - Information electronics 1 J794		Current View	
-	5F - Installation status test/reset DTC memory		Diagnostic Session	
			Stop	
	Software version management		S Next	
-	Adapt software (offline)		ix vaload	
-	Adapting software			
	Code online control module		as ×	
-	Ctrl. module software configuration		Help 🌋	e E
	Function clearing system (FES)		Online Help	
-	Function enable system (FES) status	3	Support	J
•		m	> 🛛 🔇	

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