

Offboard	Diagnostic Information System Service (ODIS Service)	Number: VOS-16-03
Subject:	Release Notes Supplement – ODIS Service from V3.0.0	Date: Jan. 20, 2016

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### 1.0 – Introduction

#### 1.1 – General Information

The information in this document applies to <u>ODIS Service versions from 3.0.0</u>, and supplements or clarifies the information displayed in the Release Notes that appear on ODIS Service startup, as well as the User Guide installed with the application.

### **IMPORTANT:** The information provided here is not definitive. For complete, detailed diagnostic function instructions and display information, always refer to the ODIS Service User Guide.

Subsections with **Revised** or **New** information are marked accordingly.

### 2.0 – Installation & Reinstallation

#### 2.1 – General Information

**New:** From December 17<sup>th</sup>, 2015, all installed versions of ODIS Service up to and including V2.2.7 must be uninstalled, and version 3.0.0 or newer installed from a Volkswagen AG (VWAG) Group Services webserver. This mandatory installation must be performed on all diagnostic devices in workshop service.

ODIS Service versions prior to V3.0.0 are not updateable if they remain installed. An error message will be displayed if an attempt to update a version prior to V3.0.0 is made.

"Installation Version DVDs" are no longer used for new installations and reinstallations. New installations on new diagnostic devices and reinstallations on existing devices are performed by downloading and installing the application and diagnostic database files from the VWAG Group Services web-server.

If reinstallation on an existing diagnostic device is necessary to resolve malfunctioning software:

- Backup copies of the license and security certificate files, as well as a text document containing the diagnostic devices' hardware key must be available.
- The existing version must always be uninstalled prior to reinstallation.

#### 2.2 – Diagnostic Devices

#### 2.2.1 – Hardware & Software Prerequisites

VAS Diagnostic Devices eligible for installing ODIS Service from V3.0.0:

- VAS 6150 <u>A through D</u> Laptop platforms <u>ONLY</u>
- □ All VAS 6160 Tablet platforms

Installation prerequisites for all platforms:

- □ Windows<sup>®</sup> 7 64-bit
- □ Internet Explorer (IE) 11.

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#### 2.2.2 – Provision for New Devices

**New:** The "Target platform" (diagnostic device) selection prompt that appears during the **application installation routine** includes new VAS diagnostic laptop and tablet derivatives.

Example: Select VAS6150x – additional VAS6150 derivative when installing ODIS Service on a new VAS 6150D laptop:

Setup - Offboard Diagnostic Information System S	Service 3.0.0
Target platform Selection of target platform	
Standard PC/notebook Standard PC/notebook VAS 6150A VAS 6150B	
VAS 6150C VAS6150x – additional VAS6150 derivative VAS 6160	Select for VAS 6150D laptop
VAS 6160A VAS6160x – additional VAS6160 derivative	Select for VAS 6160B tablet
install4j	< Back Next > Cancel

#### 2.3 – Security Certificate Process

**New: Prior to installing ODIS Service,** the security certificate must be requested from eCRMS, stored **and then imported to Windows**. This is necessary to enable a secure connection to the VWAG webserver for application file download and installation ("Single-setup").

The certificate must also be imported to the ODIS Service application after installation. This is necessary to enable a secure connection to the VWAG web-server for diagnostic data file download ("Post-setup").

#### 2.4 – Diagnostic Interfaces

#### 2.4.1 – VAS 6154 Diagnostic Interface Support

**New:** The VAS 6154 Diagnostic Interface is now configurable for ODIS Service use on the dealership's Local Access Network. Wireless (WLAN) and cabled (LAN) operation are possible.

The VAS 5054A Diagnostic Interface continues to be supported for Bluetooth® and USB operation.

#### 2.4.2 – Softing EDIC Configuration Manager

**New:** A new interface is used to configure the VAS 5054A and VAS 6154 diagnostic interface devices. The **Softing EDIC Configuration Manager** is automatically installed during the application installation routine, and is accessed from the Windows desktop.

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### 3.0 – New & Revised Diagnostic Functions

#### 3.1 – Accessing Onboard Diagnostic (OBD) Functions

**Revised:** For consistency, all **Vehicle OBD** and **Control module OBD functions** are now **selectable exclusively** from the **OBD operating mode via dedicated buttons located in the Control Module and Component List displays.** OBD access from modules listed in **Diagnosis** mode is no longer possible.

Highlight a module, select functions from the dropdown menu(s) and then click the green arrow button:

#### Vehicle OBD Functions:

Control modules

Address

0001

0061

0002

() D

(cont.)

Networking diagra

Vehicle OBD: Total DTC memory

Incident

Name

Special Function 2 (N

Engine Control Module

Drive Motor Control M

Battery Regulation (No

🄩 Sorting..

Control module list (49 entries)

0

0

0

🔳 Display...

	444	VIN:	3VWPX7AJ9DM682029					
Dealer:	03999	Engine:	CBTA 2.5 L Motronic / 125 kW	<u>L</u>				
RO:				8				
Control mod	ules Results				Operating modes *			
					🖏 Diagnosis			
Vehicle OBL	D: Total DTC memory		OBD DTC memory		OBD			
Address	Transport Mode							
0030	OBD customer ser	vice			Hasn Flash			
0000	0 <u> 3.00p</u>	in 2 (No yet identiled) (-	,		Measurement			
0001	0 Engine	Control Module 1 (01 - Engine e	electronics) (07K906055DH 4739 2,5I R5/4V	G01)	📦 Info			
0051	0 Drive M	Drive Motor Control Module (Not yet identified) ()						
0061	0 Battery	Battery Regulation (Not yet identified) ()						
0002	0 Transn	nission Control Module (02 - 6-sr	and automatic transmission (AGC) (AACA27750)	M 2252 AO 25	log ×			
				•				
•			emony list Fauinment list					
Networking	diagram Control Module	e List Components List DTC m	enory as Equipment as		Data * -			
Networking     Diagnos	diagram Control Modul	e List Components List DTC m			Data × .			
<ul> <li>Vetworking</li> <li>Diagnos</li> </ul>	diagram Control Module sis 🔳 Display 💐	e List Components List DTC m			Data × .			
Networking     Diagnos	diagram Control Modul	e List Components List DTC m			Data * .			
Inetworking     Diagnos	diagram Control Modul	e List Components List DTC m			Data * .			
Networking     Diagnos	diagram Control Module Display 4 Module OBI	e List Components List p7C m Sorting			Data * .			
Networking     Diagnos     Ontrol	diagram Control Module Display 34 Module OBE	e List Components List DTC m Sorting ) Functions:			Data × .			
Networking     Diagnos     Diagnos     Ontrol      Offboard Diag	diagram Control Module is Display * Module OBI gnostic Information System Sen	e List Components List DTC m Sorting D Functions:						
Networking     Diagnos     Diagnos     Ortrol      Offboard Diag     Importer:	diagram Control Modul Display Module OBI gnostic Information System Sen 444	e List Components List DTC m Sorting D Functions: ice - 3.0.1 VIN:	3VWPX7AJ9DM682029					

DTC memory

Identification

Basic Setting

Measured values

Access Authorization

Coding 1 (01 - Engine electronic Bus master coding

Transmission Control Module (02 - 6-speed automatic transmission 00C) /00C0277501 M 2252 AO 25

Output Diagnostic Test Mode

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- 0

Control module OBD

vet identified) (--

Control Module List Components List ,DTC memory list Equipment list

ule (Not vet identified) (Adaptation

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Ð

5/4V G0

Operating modes

🔊 Measurement

×

¥

💟 Diagno:

🏓 obd

🍋 Info

🎡 Admin

Log

Data

>>> 🔯 🙆



The **Control module OBD** and **Vehicle OBD** functions are also selectable from the dropdown menu when **right-clicking** any control module in the **Control Module List**:

Importer: Dealer: RO:	444 03999 	VIN: Engine:	3VWPX7AJ9DM682029 CBTA 2.5 L Motronic / 125 kW	🧀 🖣 🏷	
Control mod	ules Results				Operating modes *
Vehicle OBI	D: Total DT	C memory  Control mo	odule OBD DTC memory	>	CBD
Address	Incident	Name			Elash
0010	0	Parking Assistance 2 (Not yet identi	ified) ()		Measurement
0020	0	High Beam Assistance (Not yet iden			
0030	0	Special Function 2 (Not yet identifie	Admin		
0001	0	Engine Control Module 1 (01 - Engi	4739 2,5I R5/4V	G01)	
0051	0	Drive Motor Control Module (Not ye	et ide Identify control module		Log ¥
0061	0	Battery Regulation (Not yet identifie	d) (Select version	-	Data ×
<	diagram Con	tral Module List Components List 07/	Check DTC memory	•	Extras ¥
tethorning	ciagrant con	intermodule Elst pomportents Elst pre	Read all DTC memories		
O Diagnos	is 🛄 Displ	ay V Sorting	Guided Functions		× 🖾 🔇
			Control module OBD	8	
			Vahida ORD		

Targeted OBD functions are available by **<u>double-clicking</u>** control modules in the **Components List**:

To enable faster navigation, the DTC Memory selection now appears at the top of the list:

Control modules Results
Vehicle OBD:       Total DTC memory       Control       OBD functions         System       It       Update         0019 - Gateway (KWP2000 / TP20 / 7N0907530AH / 16       DTC memory       It       Now         0001 - Engine Control Module 1 (KWP2000 / TP20 / 00000 / 0000 / 0000 / 0000 / 0000 / 0000 / 0000 / 0000 / 0000 / 000

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#### 3.2 – Hotfix Management

#### 3.2.1 – Automatic Hotfix Deletion

**New:** Any existing Hotfix files that may be present are now automatically erased during the installation of updated diagnostic database data downloaded from an online update. This prevents corruption of the updated data.

#### 3.2.2 – Hotfix Version Compatibility

**New:** If the Hotfix version being installed does not match that of the ODIS Service application version, or if it is already resident in the version, a compatibility message is displayed:

You cannot use the hotfix because it was created for a different application version. The data included in the hotfix may already be included in the current version of the application.

#### 3.3 – Support Requests

New: Support requests can now be saved when the **brand** and **support email address** fields are active in the support inquiry window as illustrated.

When the **Contact Data** is configured in ODIS Service (Admin > Support > Contact Data), the **brand** is selected and the **support email address** appears in the support request, select Save...:

×	Ca Send support inquiry							
l	Subject					Hot	line	
l	First name:	John	E-mail:	mydealer@em	ail.con	Telephone: +1-888-896-1298		
l	Last name:	Smith	Telephone:	1234567890		Mail	address: odissupport@vw.com	
	Manufacture	VW •	J					
	Manufacture W   Support request details entered here.  Error classification Hardware error Software error Content error Incorrect translation Error cannot be classified clearly Priority Friority For information Limited order editing functions possible Order editing not possible Additional attachments Attach current diagnostic session							
	*				Insert cu	rrent	view Cancel Save Send 🥑	

(cont.)

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- Sent support requests are automatically saved in a default directory. If desired, an alternate save location can be specified, e.g.: to a folder on the device desktop. Go to: Admin > Save locations > Support, and then select Select...: Specify the new location as desired in the Browse for folder dialog, and then select Save / Yes:
- □ Sent support requests are saved by default. To disable this feature, uncheck **Save when Sending**?:

Genera Save locations Suppo	t Connections Measurement	Certificate	Measuring technology action
Database Diagnostic Session Flash Path Diagnostic Log Support	Details about Support Support requests Standard path C:P Save when sending?	rogram File	Browse For Folder
			Resetting Discard Save

### 4.0 – New & Revised Function Displays

#### 4.1 – Guided Fault Finding (GFF) Test Step Displays

**Revised:** To enable more room for GFF description texts, the **GFF test step indicators** that normally appear in the left margin are no longer displayed by default:

Control modules Orders DISS TSB Test plan Operation Special Functions	
Malfunction at ABS	► Complete/Continue
- Check ABS and if necessary, repair any malfunctions.	
- Erase DTC memory in Engine Control Module (ECM).	
End of test!	
Image: Cancel test	

#### (cont.)

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Users wishing to review their progress in GFF can re-enable the test step indicators: Go to: Admin > General > GFF Process. Check the Always display test steps feature and then select. Save / Yes: (Note that this change remains in effect the next time ODIS Service is started. It can be disabled by unchecking the feature.)

General Save locations Support	rt Connections Measurement Certificate Measuring technology action
Brand Design	Details about GFF Process
Language	Test steps
Update	Always display test steps
System Logging	- DolP communication
System Environment	
License Information	Avoid DoIP communication during next diagnostic entry
Global Configuration	
GFF Process	
Dealer Data	
	Resetting Discard Save

#### **Test Step Indicators Re-Enabled:**

Control modules Orders DISS TSB Test plan Operation Special Functions							
Malfunction at ABS	Complete/Continue						
Supply	Check ABS and if necessary, repair any malfunctions.						
Signal	- Erase DTC memory in Engine Control Module (ECM).						
	End of test!						
	Help Cancel test						

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#### 4.2 – Diagnostic Trouble Code (DTC) Memory Displays

**Revised:** The default DTC memory displays are optimized for viewing of multiple DTC entries. On initial display of DTC(s), the DTC's **Environment Detail** window is reduced in size **below the DTC window**:

Control modules	Results				
0056 - Radio (K	WP2000 / TP2	20 / 1K0035180AF / 0008 / H05)	DTC mer	mory	- 0
Incident code	SAE code	Incident text		Active	Update
02635 000		Tuner not enabled/activated tbd		x	Now
					2 s Sort Date • Erase DTC memory OBD systems
Type / Name		Value		Î.	
/EH - ESP 005	ode i6 - ESP	02635.000			X

If desired, highlight the desired DTC entry, select the **window divider frame** and **drag it up or down** as desired to view or hide the environment details:

0056 - Radio (I	KWP2000 / TP:	20 / 1K0035180AF / 0008 / H05)	DTC me	mory -	
Incident code	SAE code	Incident text		Active Update	
02635 000		Tuner not enabled/activated tbd		× Now	
			$\land$	2 cyclic	s
Type / Name		Value		Sort Date	•
EC Incident of	ode	02635.000	~	Frase	
Priority	Juic	7 (Note)			
Frequence	cy counter	1		DICmen	nory
Eliminatio	n counter / driv	nç 97			
Mileage		40,824 km		OBD syst	ems
Time Indication Bit		0			
Date		16:25:45 - 16.01.2016 (07.14.31)			
Status		01100000			

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#### 4.3 – Vehicle Connection Status Indicators

#### 4.3.1 – Connection Type Indicators

**New:** Icons to indicate the **connection type** in use are displayed in the vehicle connection status window in the ODIS Service main display header:

Importer:	-	VIN: Engine:		·····	· · · · · · · · · · · · · · · · · · ·	Icon:	Co
RO:			0	Operatir	ng modes *		•
		Welcome	to Diagnosis		gnosts D		
	Goal: full diag has started, v place. Then t for vehicle di also have the	gnostic functionality One vehicle identification an the "Guided Fault Findi agnosis, II you would li- e option to use OBD. BENTLEY	e the vehicle has connected and diagno d evaluation of the DTC memory will take g <sup>2</sup> and "Guidèd Functions" will be availa se to work without a warranty order, you	uis 🚳 Fias the 🕰 Mea 😜 Info	sh *		•
	Conne Conne Startin	sction to the vehicle on switched on g diagnosis	stablished FIT	Log Data	*	8	<b>Bl</b> i Dia
Application start w	as ended						
Application start w	as ended						ſ

#### Connection Type Indicators:

- WLAN Infrastructure (wireless) connection to VAS 6154 Diagnostic Interface
- WLAN Direct (wireless) connection to VAS 6154 Diagnostic Interface

**Bluetooth** (wireless) connection to VAS 5054A Diagnostic Interface

**USB** (cabled) connection to Diagnostic Interface

#### 4.3.2 – WLAN Connection Quality

**New:** When the VAS 6154 Diagnostic Interface is used in either of the WLAN operating modes, the connection quality is indicated via the WLAN icon:



#### 4.4 – Connection Type Detection for Flash Process

**New:** Detection and warning of a wireless connection during flash processes is now implemented to ensure uninterrupted data transfer.

If a Bluetooth or WLAN (wireless) connection is detected during a flash process, this message is displayed:

ttention!!!						
?	It is not permitted to use "Flash" mode via a wireless connection to the vehicle.					
	Before you continue, it is essential that you make sure that there is a wired connection to the vehicle.					
	Continue Cancel					

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#### 4.5 – Virtual Keyboard

**Revised:** The automatic installation of a separate, ODIS Service virtual keyboard for VAS 6160X tablet devices is deleted from the application installation routine.

If necessary, enable the Panasonic tablet virtual keyboard by pressing the keyboard button symbol (A2) on the tester **-arrow A-** or selecting the keyboard icon in the Windows toolbar **-arrow B-**:



The Windows 7 keyboard can also be accessed as follows:

#### Go to: Start > All Programs > Accessories > Tablet PC > Tablet PC Input Panel

#### 4.6 – Clamp-On Ammeter Measurement Prompt

**Revised:** The calibration prompts before every clamp-on ammeter measurement event no longer appear. The calibration prompt now appears one time only per test instruments session if multiple measurements of other types etc. are necessary in between current draw measurements.

#### 4.7 – Notes & Warnings

**Revised:** The contents of the individual Notes, Cautions and Warnings selection buttons in the Administration > Info submenu are now consolidated into a single **Description of symbols** button:

Admin		*
Log	¥	
Data	¥	
<b>F</b> .	v	
Extras	÷	
Heln	¥	
Theip		
Info	*	Ξ
Sew New		
Versions		
Operation of symbols		

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