Technical Tip

Торіс	01-19-04TT – Performing Basic Settings on Vehicles with Unified Diagnostic Services (UDS) Formatted Control Modules			
Market area	United States 444 Volkswagen of America, Inc. (6444)			
Brand	Volkswagen			
Date	April 19, 2019			

Condition

ATTENTION:
THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN AS TITLED.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Performing Basic Settings on Vehicles with UDS Formatted Control Modules

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Golf, GTI, Golf R, Passat, eGolf, CC, Beetle, Beetle Convertible, EOS, Tiguan, Toaureg, Atlas, Tiguan LWB	2011 to 2019	All	All	All	All

Technical Background

How to perform basic settings on vehicles with UDS formatted control modules.

Service

- Navigate to Engine Electronics Control Module OBD, basic settings.
- Select basic settings, then click on green arrow (Figure 1).

01 - Engine Control Module 1 (UDS / ISOTP / 03L906012BN / 5558 / Y11 / EV	
Control modules Results Orders DISS TSB Test plan Operation Special functions 01 - Engine Control Module 1 (UDS / ISOTP / 03L906012BN / 5558 / Y11 / EV Incident code SAE code Incident text 05049 P204E00 Reductant System Performance Bank 1	
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Incident code SAE code Incident text active Update 05049 Provision Reductant System Performance Bank 1 N	≚ 💌
05049 Pondenn Reductant System Performance Bank 1	
	low
Type / Name Value A B. Value 2	s
EC 0 active/static	
Incident code 05049 [20553] I Malfunction has not occurred in current operating cycle Date	~
Priority 2 Malfunction in current or last driving cycle detected	
Malfunction frequency col 1 3 Confirmed	memory
Unlearning counter 255 4 Tested since erasing DTC memory OBD s	systems
Odometer reading 8.618 km 5 Malfunction occurred since erasing DTC memory	
Date 18:27:17 - 29:01:2014 (08:14.10) 6 Not tested in current operating cycle	ſ
IFI MV 7 One or more warning displays on	
01 - DTC	
EV_ECM20TDI01103L906012BH / 004	

Figure 1

From the left box:

- Select the basic settings test needed and move to right side.
- Click the blue forward arrow on the bottom right side of the screen (Figure 2).

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Offboard Diagnostic Information System Service - 2.2.3				- 6
Importer:	VIN:	1VWBN7A38CC036465		ATA
Dealer: 05110	Engine:	CKRA 2.0 L TDI-CR / 103 kW	🥔 🏪 🏷	
RO:				
Control modules Results Orders DISS TSB Test pl	an Operation Special Fu	inctions		OBD Log
	1. 1.			
01 - Engine Control Module 1 (UDS / ISOTP / 03L906	8012BP / 7445 / H21 / EV_	ECM20TDI01103L906012BP / 004009) Adaptation	• 0	Add
UDS basic settings - Basic settings selection				
-				Display
Name		Selection		Add cyclically
Compression test 1		Manual test of low pressure EGR valve		
Adaptation of diff. pressure sensor particulate filter	30	Exhaust Gas Recirculation (EGR) test		Stop cyclically
Low-pressure EGR differential pressure sensor adapt	tation	Manual test of low pressure EGR filter	~	Q
	tation	Manual lest of low pressure EGR liner		Data (8) (Finite Lowers)
Adaptation of exhaust flap			~	Current Can Column
Low pressure EGR valve adaptation				Print
Test of exhaust flap	*			Diagnostic Session
restorextraustriap				Stop
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01 - GES			~	> 🛛 🔇
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• Click the Blue forward arrow again. Disregard the (VO)_not available (Figure 3).

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Control modules Results Orders DISS TSB		~			Adaptation	•	()
01 - Engine Control Module 1 (UDS/ISOTP/ UDS basic settings - Set parameters	03F30P015BW/9998/11	TT/EV_ECM2011	DI01103E9060	/12BN/004007)	Adaptation	<u> </u>	
Check of SCR efficiency	Para	ameters		Value VO]_not available			Unit
Default parameters 01 - DTC 01 - GES							
EV_ECM20TDI01103L906012BN / 004					8		

Figure 3

The box on the left side is measured values.

• Select IDE00322 Status of basic settings, IDE00450 Operating instructions and any other measured value to be reviewed, during the basic settings test plan.

Once all measured values have been selected:

• Click the blue forward button on the bottom right of the screen.

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😒 Offboard Diagnostic Information System Service - 22.3						
Importer: 444 Dealer: RO:	VIN: Engine:	CKRA 2.0 L TDI-CR / 103 kW	. 0			
Control modules Results Orders DISS TSB Test plan Of 01 - Engine Control Module 1 (UDS / ISOTP / 03L906012Bi UDS basic settings - Select measured values			•	OBD Log		
-	•	Selection	-	Display		
Name [IDE00784]_Current test step		[IDE00322]_Status of basic setting		G Add cyclicaly		
[IDE00030]_Status of actuator test	>>>	[IDE00450]_Operating Instructions		0.00		
[IDE00727]_Test steps still to be performed	>	[IDE00347]_Air mass, actual value:	~	Data Current		
[IDE00787]_Cause for cancellation [IDE00323]_Security Access: number of invalid keys	<	[IDE04263]_Sensor for particle filter differential press, raw value	×	Print		
IIDE000763. Status of Initial fuel filling	, - 🕊	[IDE06381]_Low-pressure EGR differential pressure sensor, raw signal		Diagnostic Session Stop		
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01 - GES			×	> 🛛 🔇		
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Figure 4

The basic settings test will be in the top box and highlighted.

- Click start and scroll down in the bottom box.
- Check operating instructions, hold brake and accelerator pedal until test plan completes.

If you are running more than 1 basic settings test, once the current basic settings is ended:

• Select the next button on the bottom left to proceed to any additional tests you have chosen (Figure 5).

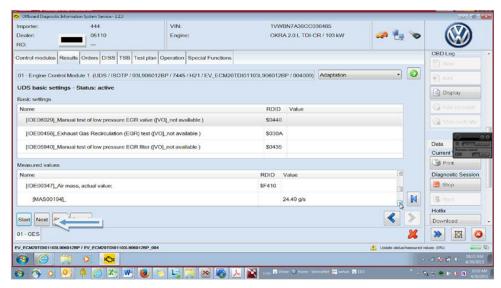


Figure 5

Additional Information

Revision History					
Revision Number Released Date Reason For Update					
2054794/1	4/19/19	Original publication.			

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