

			Ι	I	
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf	2015	2.0L TDI (CRUA)	All	All	AII
Passat, Beetle, Beetle Convertible, Jetta	2015	2.0L TDI (CVCA)	All	All	All

Condition

26 15 03 April 24, 2015 **2038752** Supersedes Technical Bulletin V261502 dated April 13, 2015 to correct Golf vendor code.

MIL ON, Exhaust Flap Faults P048B, P048E, P0475, P0478, P0477 stored in ECM Fault Memory

DTC	Description
P048B	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048E	Exhaust Pressure Control Valve Pos. Sensor/Switch Circuit High
P0475	Exhaust Pressure Control Valve "A"
P0478	Exhaust Pressure Control Valve "A" High
P0477	Exhaust Pressure Control Valve "A" Low

Technical Background

The new Generation III TDI engines have an exhaust flap that is welded into the exhaust pipe assembly. If faults for the flap electronics are stored, it is not necessary to replace the complete pipe. Replacement electronics components are available.

1 Note:

As an Electrostatic Discharge (ESD) sensitive part, the actuator must be removed from the ESD bag and handled in an ESD safe area.

If the actuator has been dropped on the floor, it must be scrapped.

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Contents of the package:

Actuator

2 screws

2 nuts

I Note:

All contents of the package must be used. Re-use of the existing fasteners is not allowed.



Figure 1

Production Solution

Not Applicable.

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Service

Disassembly:



Carefully inspect the associated wiring harness and wiring harness end connector for damage prior to replacement.

- Disconnect the electrical connector.
- Unscrew the two nuts (inset 1, Figure 2) by using a number 10mm wrench (and if necessary a Torx plus IP30 wrench).
- Disassemble the actuator (Inset 3) from the rest of the exhaust flap by pulling along in the direction of the flap axis (Figure 2).





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I Note:

If it is difficult to remove the actuator, gently tap only at the following locations (see green points in Figure 3) to separate components.



Figure 3

In addition to the actuator, save and return the four (4) old components to the Volkswagen Warranty Parts Return Center (WPRC) (see orange parts in Figure 4): nuts (2), screws (1 big + 1 small).

If any of these components is missing, the warranty claim will be rejected by the WPRC.





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Assembly:



Use **only new components** delivered with the spare part actuator.

Use the following sequence of operations:

• Mate the actuator with the exhaust flap housing.

1 Note:

Ensure the position of the spring brackets compared to the actuator (Figure 5).





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- First install the short screw (inset 1 in Figure 6), second, install the long screw (inset 2 in Figure 6).
- Assemble the two screws and two nuts with a torque of 11 Nm +/-1 Nm by using a 10mm wrench and a Torx plus IP30 wrench (tightening screw, not nut).

I Note:

Ensure the correct position of each screw (size of each screw and side of the nuts).

If a screw is used and has to be removed for any reason, it must be replaced due to thread damage.



Figure 6

- Reconnect the electrical connector.
- Once the repair is complete basic settings must be learned using ODIS.

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• In the Control Module Networking diagram screen choose "MOT_01" (Figure 7).

Criticard Diaghtstife 3rd	termatican System Service - 2.2.3				The states	1000
Importer: Dealer: RO:	444 03999 	VIN: Engine:	1VWCV7A31F0024991 CVCA 2.0 TDI-CR / 110kW	10 to 10		
Control modules	Orders DISS TSB T	est plan Operation Special Func	Sons		Operating modes	
Networking diagram	n				Q Diagnosis	
	11-04-517-1	36(7,5) 60(1,0) 50(144	696,52		A:048	
	-	ME. 71 M. 12	849.34 (449.31)		A Measurement	1
	00.9		197,32 122,47 1.05,19 195,47		😭 Info	1
			100,07 (10,14) NOCK (44,4)		Admin]
		100.1 (00.4)			Log	•
	L		45.00		Data	×.
	2	Er	ngine Control Module 1		Extras	•
Networking diagram	Control Module List DTC m	emory list Equipment list			Help	۰.,
O Diagnosis	time [Oliveral]				> 2	0
Test yes anded.						
6 6 1	2 😫 🗿 🖽	ō	1 1 1 1 1	- 2 N B J	6 N 8 6 17 2.00	

Figure 7

• Highlight "Basic settings" and click perform (Figure 8).

Criticard Diagnostic Ink	ormation System Sanvice - 2.2.3		Ouded Functions	100 M		20 5	14 N
Importer: Dealer:	444 03999	VIN: Engine	Engine Control Module 1	p1 tokW		· · · ·	
RO:	-	CQIN	01 - Activate fuel pump 01 - Adap, values, adapt particle fil			reconnector \$ 0.4 mm	
Control modules	Orders DISS TSB 1	Test plan Operation	01 - Adapt injector correction value 01 - Adaptation			Operating modes	
Networking diagram	n	-	O1 (Daticheting			Q Diagnosis	
		Vill and	01 - Check compression 01 - Chik, particulate filter ash load	init init	1	(10 cm)	
		867,52 W07,8	01 - Code control module 01 - Control module software adap	tation		@166	10
	5	HER,21 AM, 9	01 - Create readiness code 01 - Event memory contents 01 - Fill coolant circuit			A Measurement	
	00,9		01 - Harobart orcur 01 - Identification 01 - Output diagnostic test mode			🗑 info	
		uva leva	01 - Read measured values 01 - Replace engine control modul			(@ Admin	
			01 - Reset adaptation values of en 01 - Service regeneration, particle OI consumption measurement			Log	•
	L		Carlos Bargare Incode Critera	_		Data	•
	2	_	36 Perfor	Cancel		Extras	•
	Control Module List DTC m	nemory list Equipment				Help	•
O Diagnosis	China Manata					>	0
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Test see ended.							
🙃 😂 💡	2 😩 🖸 🔛	O D			- 🐨 🕷 🥩	8 N # 4 1 1 20	PM

Figure 8

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 Using the "+" and "-" select "Adaption of exhaust flap" and click start (Figure 9). Basic settings will now run for the adaption of the exhaust flap.

Officiard Diagnostic Informatics	_	223	1				Bick	-
inporter: Dealer:	444 03999		VIN: Engine:	TVWCV7A31FC0 CVCA 2.0 TDI-CP				
RO:								
	DIS	TSB	Operation				Operating modes	
Basic setting							Q Diagnosis	
Select component					_		(BACHER)	
Pre-assign data		Select compo			-	- Start - - Exit -	da turn	1
Notes regarding function	(12000000000	een. ed: Adaptation of exhaust fia	2			(a) Measurement	-
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Communication setup		2 - Adaptation	of EGR vacuum regulator sole of the turbocharger	encid valve			Carlow .	11
Read standard data		3 - Adaptation 4 - Adaptation	of low pressure EGR valves of exhaust flap					
Veh. elec. sys. standard	data						Log	•
Return							Data	τ.
identity components	1							
Select component							Extras	
4					4		Help 1	۴.,
		KK	× ×	Help Can	cel test		> E	0
						Test version		-
	-		- 10 M		1. 1		6 N 6 1 1 281	

Figure 9

• Once Basic Settings is done, repair is complete.

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Warranty

To determine if th Procedures Manu		dure is co	overed under Warr	anty, always refer	to the Wa	arranty Po	olicies and
Model(s)	Year(s)		Eng. Code(s)	Trans. Code(s)	VIN Ran	ge From	VIN Range To
Golf	2015		2.0L TDI (CRUA)	All	All		All
Passat, Beetle, Beetle Convertible, Jetta	e, 2015		2.0L TDI (CVCA)	All	A	II	All
			SAGA	Coding			
Claim Type:		Use app	licable Claim Type	1)			
Service Number:			Damage Code	HST		Damage Location (Depends on Service No.)	
2671 0040		0040			applicable when ated in ElsaWeb (L/R)		
Parts Man	ufacture	r	Pas	ssat	WWO ²⁾		10 ²⁾
				etle Convertible, tta		3М	E ²⁾
Labor Operation ³⁾ : Replace Actuator (Passat Only)			26711933 = 40 TU	l			
Labor Operation ³⁾ : Replace Actuator			26711905 = 40 TU				
Labor Operation ³⁾ : Actuator learn procedure			Included in GFF Time expenditure				
Causal Part:				5Q0 253 692			
			Diagnost	ic Time ⁴⁾			

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GFF Time expenditure	01500000 = 30 TU max.	YES				
Road Test	01210002 = 00 TU 01210004 = 00 TU	NO				
Technical Diagnosis 01320000 = 00 TU max. NO						
Claim Comment: Input "As p	per Technical Bulletin 2038752" in comment	section of Warranty Claim.				
¹⁾ Vehicle may be outside an ²⁾ Code per warranty vendor	y Warranty in which case this Technical Bull code policy.	etin is informational only				
³⁾ Labor Time Units (TUs) are	subject to change with ELSA updates.					
⁴⁾ Documentation required p	er Warranty Policies and Procedures Manua					

Required Parts and Tools

Part No:	Part Description	Quantity
5Q0 253 692	Exhaust Flap Actuator (with hardware)	1

Tool Description	Tool No:		
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)		
	or		
	GRX3000VAS		
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.

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