

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2006-2008	2.0T (BPY)	All	All	All
All	2009-2016	2.0T (CCTA/CBFA)	All	All	All

Condition

24 17 01 January 04, 2017 2045138

MIL ON DTCs P2004, P2014 and or P2015 Stored in ECM Fault Memory

DTC	Description
P2004	Intake Manifold Flap for Air Flow Control Bank 1 Stuck Closed
P2014	Intake Manifold Runner Position Sensor/Switch Circuit
	Sender for Intake Manifold Flap Position/Air Flow Control, Implausible Signal



Technical Background

The intake manifold flap can separate internally and will not operate correctly with the regulator valve. See Figure 1. and 2. for an example of a damaged flap disassembled.

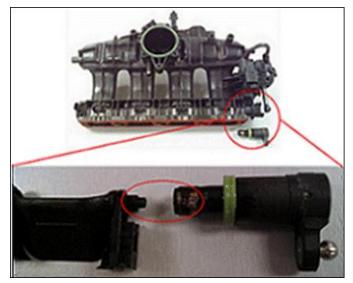


Figure 1.





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Production Solution

Informational only.

Service

Procedure:

Check intake manifold flaps and if necessary replace intake manifold.

Note:

Before beginning repair, diagnose any faults using guided fault finding.

- Remove the engine cover. See Repair Group 10 Engine Assembly in Elsa.
- Move the carrier plate by hand in an axial direction (Figure 3, red arrow) to check if the carrier plate can be pulled out.



Figure 3.

If the carrier plate can be pulled out, the flap has separated and the intake manifold must be replaced. See Repair Group 24 Multiport Fuel Injection in Elsa.

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If the carrier plate cannot be pulled out, perform the following procedure:

- Check the diagnostic limits of the flap with the ODIS tester.
- Under Motor, select Guided Functions (Figure 4).

Importer: Dealer: RO:	444 03999 —	VIN: Engine:	WVGBV7AX2GW096666 CCTA 2.0 L Motonic/147kW	🧈 🛃 🍉 0)
Control modules Or	ders DISS TS8 Test plan Open	ation Special Functions			Operating modes	<u>, 1</u> 4
Networking diagram	1				Diagnosis	
					🗯 06D	
(+10),	0 846,00 WEQ.25 LKH_44	AR_19 067_62	Medit on		di tam	
	TTT		Measurement		A Measuremen	at 1
810.	5 AR,2 MS,52 (10,10)	10.00] [10.00] [10.00]	Identify control module		😭 Info	
200,19 215.	4) (90,0) (12,4) (95,5) (CH_17 TA_42 2U5,35	U Select version 97,9 Int. 10 P.4.10	107.00 (07.00)	Admin	
			Check DTC memory		(-
etter,		(H), (6) (10, 10) (10, 10)	Read all DTC memories	410,75	Log	
100	e nut enter	09,24 211,14	Guided Functions		Data	*
100	C 44020 [24.70]	ACH TYON MORE	Control module OBD			
-			Vehicle OBD		Extras	
1 9 8 C	2	3	Engline Control Module 1		Help	
Networking diagram	Control Module List Components	List DTC memory list Eq	ulpment list		Info	×
O Diagnosis	Depart Manage				>	0

Figure 4

• Select Reading measured values, engine (Figure 5).

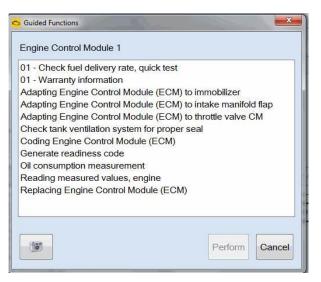


Figure 5

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• Select the following measured values from the list and select start update to set the adaptation (figure 6).

%	0.0			Address ID Measured value		
	0.0	Actual position, load movement flap		142.1	0001	
96	0.0	Specified position, load movement flap		142.2	0001	
	ADP Is OK	Adaptation status, load movement flap		142.4	0001	
1						

Figure 6

<u>If the adaptation is not successful</u>, the flap stop is worn internally, the intake manifold also has to be replaced. See Repair Group 24 Multiport Fuel Injection in Elsa.

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Warranty

To determine if th Procedures Manu		dure is co	overed under Warr	anty, always refer	to the Wa	arranty P	olicies and
Model(s)	Model(s) Year(s)		Eng. Code(s)	Trans. Code(s)	VIN Range From		VIN Range To
All	2006	-2008	2.0T (BPY)	All	All		All
All	All 2009-2016		2.0T (CCTA/CBFA)	All	All		All
SAGA				Coding			
Claim Type:		Use app	licable Claim Type	1)			
Service Number:			Damage Code	HST		Damage Location (Depends on Service No.)	
2447			0010			Use applicable when indicated in Elsa (L/R)	
Parts Mar	nufacture	r	A		MHO ²⁾		O ²⁾
Labor Operation ³	³⁾ : Charge	e Battery		27068950 = 10 TL	J		
Labor Operation ³⁾ : Remove and Install Intake Manifold			244719XX = See Elsa (if applicable)				
Labor Operation ³	³⁾ : Intake	Manifold	Replace	244755XX = See Elsa (if applicable)			
Labor Operation ³	³⁾ : Install	Fuel Inje	ctor Seals	244020XX = See Elsa (if applicable)			
Causal Part: Intake Manifold			XXX 133 XXX X (BPY) XXX 133 XXX XX (CCTA, CBFA)				
			Diagnost	ic Time ⁴⁾			
GFF Time expend	liture		01500000 = Actua	al GFF print out		YE	S

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Road Test 01210004 = 10 TU YES						
Technical Diagnosis01320000 = 10 TU max.YES						
Claim Comment: Input "As per Technical Bulletin 2045138" in comment section of Warranty Claim.						
¹⁾ Vehicle may be outside an	y Warranty in which case this Technical Bu	lletin is informational only				
²⁾ Code per warranty vendor code policy.						
³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.						
⁴⁾ Documentation required per Warranty Policies and Procedures Manual.						

Required Parts and Tools

Part No:	Part Description	Quantity
06F 133 201 P (BPY)	Intake Manifold	1 (If Necessary)
06D 998 907 (BPY)	Seals	4 (If Necessary)
06F 129 717 D (BPY)	Gasket	1 (If Necessary)
06J 133 201 BH (CCTA/CBFA)	Intake Manifold	1 (If Necessary)
06J 998 907 B (CCTA/CBFA)	Seals	4 (If Necessary)
06F 129 717 D (CCTA/CBFA)	Gasket	1 (If Necessary)

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
	or
	GRX3000VAS
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and
	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.

Document Control Revision Table						
Instance Number	Published Date	Version Number	Reason For Update			
2045138/1	January 4, 2016	V241701	Original publication.			