



# Technical Bulletin

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Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2012-2013	2.0L (CCTA,CBFA)	All	All	All

## Condition

24 12 08 December 17, 2012 2031075

### Intake Manifold Restriction Check

MIL-ON and 1 or more of the following diagnostic codes may be stored in ECM fault memory.

DTC	Description
P2014	Intake manifold runner position sensor / switch circuit
P2015	Intake manifold runner position sensor / switch circuit range / performance

## Technical Background

Vacuum lines and "T" fittings may become clogged with debris from production or increasing mileage.

This debris may cause a restriction that could affect the intake manifold operation and cause the following P2014, P2015 faults.

## Production Solution

N/A



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## Service

Ensure correct intake manifold is installed on engine, refer to ETKA.

The intake manifold runner can be checked for proper operation using MVB 143 field 3.

The vehicle must be driven in order to place a load on the engine.

The engine RPM should be quickly increased to at least 3000 RPM and released. MVB 143 field 3 value should immediately change from 0% up to 100%.

If the values in field 3 instantly change to 100%, the hose and fittings are not restricted. If no restriction has been identified, this bulletin does not apply. Continue GFF based diagnosis.

If there is a restriction, the values in field 3 will slowly increase or not increase at all. Inspect vacuum lines leading to intake manifold, and fittings, for restrictions (twisted, kinked hoses or blockages caused by debris).

Reposition or clean as required.

## Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
All	2012-2013	2.0L (CCTA, CBFA)	All	All	All
<b>SAGA Coding</b>					
<b>Claim Type:</b>			<b>Use applicable Claim Type <sup>1)</sup></b>		
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>		<b>Damage Location (Depends on Service No.)</b>	
2447	0010	--		Use applicable when indicated in ElsaWeb (L/R)	
<b>Parts Manufacturer</b>		<b>GTI, Eos, Tiguan, CC</b>		<b>WVO <sup>2)</sup></b>	
		<b>Jetta, Jetta SportWagen, Beetle, Beetle Convertible</b>		<b>3ME <sup>2)</sup></b>	
<b>Labor Operation <sup>3)</sup> : Inspection and repair hose</b>			<b>24474199 = 30 TU</b>		



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Diagnostic Time <sup>4)</sup>		
GFF Time expenditure	01500000 = 20 TU max.	YES
Road Test	01210002 = 10 TU 01210004 = 10 TU	YES
Technical Diagnosis	0132xxxx = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2031075" in comment section of Warranty Claim.		
1) Vehicle may be outside any Warranty in which case this Technical Bulletin 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

No Special Parts required.

Tool Description	Tool No:
VAS Diagnostic Tool	VAS-PC, 5051B, 5052A, 6150X (Base CD V19.01.00 and Brand DVD V19.18.00 or higher)

## 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.