



Technical Bulletin

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

Condition

01 15 06 March 26, 2015 2040171

MIL ON Camshaft Position Faults P0011 and or P0016 Stored in Fault Memory

DTC	Description
P0011	"A" Camshaft Position - Timing Over-Advanced or System Performance Bank 1
P0016	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor A

Technical Background

The camshaft adjuster control valve may stick causing camshaft position faults.

Production Solution

Measures implemented into production.

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Service



To avoid engine damage when working on the valvetrain, both camshafts must be locked in place according to the repair manual, see repair group 15 in Elsa.

Scenario 1: Valve timing incorrect

- If one or more of the above faults are stored in the engine control unit, check the valve timing according to the repair manual, see repair group 15 in Elsa.
- If the valve timing is incorrect, adjust it according to the repair manual.

Scenario 2: Valve timing correct

- If the valve timing is correct, replace the control valve in the camshaft positioner (N205), Part Number: 03L 906 455, according to the repair manual, see repair group 15 in Elsa.



When changing the control valve, the engine should be held at TDC.

- Change the engine oil and filter.



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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Passat	2015	2.0L TDI (CVCA)	All	All	All
SAGA Coding					
Claim Type:		Use applicable Claim Type ¹⁾			
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
1584	0010	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer		Passat		WVO ²⁾	
Valve Timing Incorrectly Adjusted					
Labor Operation ³⁾: Check and adjust valve timing			1502 05 05 = 190		
OR					
Valve Timing Correct					
Labor Operation ³⁾: Camshaft adjuster remove+reinstall			1584 19 56 = 90 TU		
Labor Operation ³⁾: Control Housing remove+reinstall			1585 19 55 = 20 TU		
Labor Operation ³⁾: Air Cleaner remove+reinstall			2325 19 05 = 40 TU		
Labor Operation ³⁾: Engine oil and filter replaced			1730 55 99 = 70 TU		
Causal Part:			03L 906 455		



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Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 30 TU max.	YES
Road Test	01210004 = 10 TU	YES
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2040171" in comment section of Warranty Claim.		
<p>¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p>²⁾ Code per warranty vendor code policy.</p> <p>³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>⁴⁾ Documentation required per Warranty Policies and Procedures Manual.</p>		

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Beetle Convertible	2015	2.0L TDI (CVCA)	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
1584	0010	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer:	Beetle Convertible		3ME ²⁾		
Valve Timing Incorrectly Adjusted					
Labor Operation ³⁾ : Check and adjust valve timing			1502 05 05 = 190 TU		
OR					
Valve Timing Correct					



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Labor Operation ³⁾ : Camshaft adjuster remove+reinstall		1584 19 56 = 80 TU
Labor Operation ³⁾ : Toothed belt cover remove+reinstall		1587 19 05 = 70 TU
Labor Operation ³⁾ : Noise dampening pan remove+reinstal		1082 19 00 = 50 TU
Labor Operation ³⁾ : Engine oil and filter replaced		1730 55 99 = 50 TU
Causal Part:		03L 906 455
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 30 TU max.	YES
Road Test	01210004 = 10 TU	YES
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2040171" in comment section of Warranty Claim.		
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Jetta, Beetle	2015	2.0L TDI (CVCA)	All	All	All
Golf	2015	2.0L TDI (CRUA)	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				



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Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)
1584	0010	--	Use applicable when indicated in Elsa (L/R)
Parts Manufacturer	Golf	WWO ²⁾	
	Jetta, Beetle	3ME ²⁾	
Valve Timing Incorrectly Adjusted			
Labor Operation ³⁾ : Check and adjust valve timing		1502 05 05 = 190 TU	
OR			
Valve Timing Correct			
Labor Operation ³⁾ : Camshaft adjuster remove+reinstall		1584 19 56 = 80 TU	
Labor Operation ³⁾ : Toothed belt cover remove+reinstall		1587 19 05 = 70 TU	
Labor Operation ³⁾ : Engine oil and filter replaced		1730 55 99 = 50 TU	
Causal Part:		03L 906 455	
Diagnostic Time ⁴⁾			
GFF Time expenditure	01500000 = 30 TU max.	YES	
Road Test	01210004 = 10 TU	YES	
Technical Diagnosis	01320000 = 00 TU max.	NO	
Claim Comment: Input "As per Technical Bulletin 2040171" 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.			



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Required Parts and Tools

Part No:	Part Description	Quantity
03L906455	Camshaft Adjuster Control Valve	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.