



# Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From:	VIN Range To:
CC	2016 – 2017	2.0L (CCTA)	All	AN_GE515911	AN_HE506568
Tiguan	2016 – 2017	2.0L (CCTA)	All	AX_GK000028	AX_HK010335
Tiguan	2016 – 2017	2.0L (CCTA)	All	AX_GW089548	AX_HW513507

## Condition

15 17 01 January 18, 2016 2045939 Supersedes Technical Bulletin V151603 dated November 23, 2016 to update procedure.

**MIL ON – DTC P0011 and or P0016 Stored in ECM Fault Memory – Engine May Run Rough At Idle**

One or more of the following fault codes may be stored in the ECM Fault Memory:

DTC	Description
P0011	Camshaft Position (Bank1) Timing over-advanced or System Performance
P0016	Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor A

## Technical Background

Wear of the camshaft bearing bridge can cause axial movement of the camshaft resulting in faults stored.

## Production Solution

Improved valve train components implemented in production.



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## Service

### Procedure:

Inspect the camshaft bearing bridge and replace if necessary.

### Camshaft Bearing Bridge Inspection

- Remove the camshaft bearing bridge according to the repair manual. Check the bearing bridge (camshaft side) for damage (groove in bearing surface or lip protruding from bearing surface as shown in figure 1).



### **Note:**

If the camshaft bearing bridge is not damaged this bulletin does not apply, reassemble engine and diagnose the fault entries using Guided Fault Finding.



Figure 1) example of worn camshaft bearing bridge

- If the bridge is damaged as indicated in (Figure 1), replace according to the repair manual.
- Change engine oil and oil filter.



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## Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
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SAGA Coding					
Claim Type:		Use applicable Claim Type <sup>1)</sup>			
Service Number:	Damage Code		HST		Damage Location (Depends on Service No.)
1505	0010		--		Use applicable when indicated in Elsa (L/R)
Parts Manufacturer		Tiguan, CC		WWO <sup>2)</sup>	
Tiguan					
Labor Operation <sup>3)</sup> : Charge Battery			27068950 = 10 TU		
Labor Operation <sup>3)</sup> : Camshaft Adjuster Remove and Reinstall			15841990 = 30 TU		
Labor Operation <sup>3)</sup> : Chain Housing Cover Remove and Reinstall (upper)			15331940 = 90 TU		
Labor Operation <sup>3)</sup> : Change Oil and Oil Filter			17011799 = 50 TU		



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CC		
Labor Operation <sup>3)</sup> : Charge Battery		27068950 = 10 TU
Labor Operation <sup>3)</sup> : Camshaft Adjuster Remove and Reinstall		15841968 = 30 TU
Labor Operation <sup>3)</sup> : Chain Housing Cover Remove and Reinstall (upper)		15331918 = 90 TU
Labor Operation <sup>3)</sup> : Change Oil and Oil Filter		17011799 = 50 TU
Causal Part: Bearing Bridge		06H 103 144*
Diagnostic Time <sup>4)</sup>		
GFF Time expenditure	01500000 = 30 TU	YES
Road Test	01210004 = 10 TU	YES
Technical Diagnosis	01320000 = 00 TU	NO
Claim Comment: Input "As per Technical Bulletin 2045939" in comment section of Warranty Claim.		
<p><sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p><sup>2)</sup> Code per warranty vendor code policy.</p> <p><sup>3)</sup> Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p><sup>4)</sup> Documentation required per Warranty Policies and Procedures Manual.</p>		



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## Required Parts and Tools

Part No:	Part Description	Quantity
See ETKA	Engine Oil	Refer to fluid capacity table in Elsa
06J 115 403Q	Oil Filter	1
N 910 967 01	Bolt	1
WHT 007 212	O-ring	1
06H 103 144*	Bearing Bridge	1

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
2045939/2	1/18/17	V151701	Update procedure.
2045939/1	11/23/16	V151603	Original publication.