

Technical Service Bulletin

15 Camshaft bridge non-return valve is damaged

15 16 30 2045732/1 October 25, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, Q7, R8	2012 - 2015	All	2.0 liter engine
A3, A3 e-tron, A4, A5, A5 cabriolet, Q3, Q5	2008 - 2017	All	2.0 liter engine

Condition

Workshop findings:

- When removing the camshaft bridge (as part of a repair) and a damaged screen of the non-return valve is detected (Figure 1 and 2).
- The complaint/repair is unrelated to the damaged screen.
- The non-return valve is not damaged (ball is in valve seat).

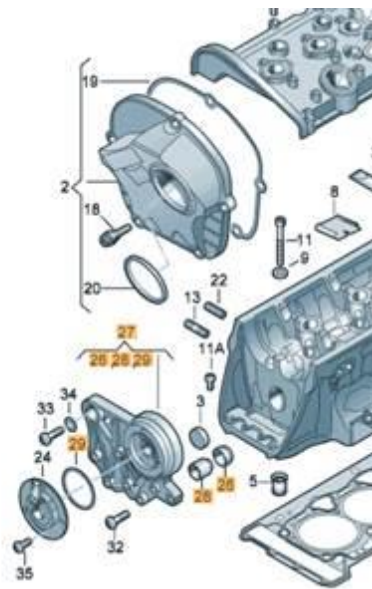


Figure 1. Camshaft bridge (ETKA example).

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Technical Background

Pulsations in the oil circuit can cause the screen on the non-return valve to fail.



Figure 2. Damaged screen of the non-return valve in camshaft bridge.

Production Solution

Not applicable.

Service

If you detect during a repair that the screen of the non-return valve is damaged, remove the housing of the screen as follows:



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1. Grip the protruding edge of the screen housing, e.g. with long-nose pliers and pull it out of the camshaft bridge (Figure 3).



Figure 3. Removal of screen housing.

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2. Thoroughly remove any screen remnants from the non-return valve (Figure 4).



Figure 4. Non-return valve with removed screen housing.

3. In the case of a defective screen, the camshaft bridge does not have to be replaced.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1510		
Damage Code:	0015		
Labor Operations:	Remove camshaft bridge screen housing.	1510 4199	10 TU
Claim Comment:	As per TSB #2045732/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.



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Additional Information

All parts and service references provided in this TSB (2045732) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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