



Technical Service Bulletin

13 Engine oil loss from crankshaft seal (transmission side)

13 18 07 2052943/1 November 28, 2018.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8 Coupe	2008 – 2018	All	Not Applicable
R8 Spyder	2010 - 2018	All	Not Applicable

Condition

Customer statement:

- Oil loss.

Workshop findings:

- Engine oil loss from crankshaft oil seal (gearbox side).

Technical Background

Excessive sealant application used as part of previous repair.

Production Solution

Not applicable.

Service

1. Check if previous repairs have been carried out in the timing cover areas numbers 6, 15, and 4.



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2. If, for example the left, right, or lower cover of the timing chains has been removed and resealed, an excessive application of sealant could block the oil pump strainers number 1 through 8 of the oil pump (Figure 2). This causes a leak at the rear crankshaft seal number 2 (Figure 1), due to an increased oil level in the lower timing cover when the engine is switched off.

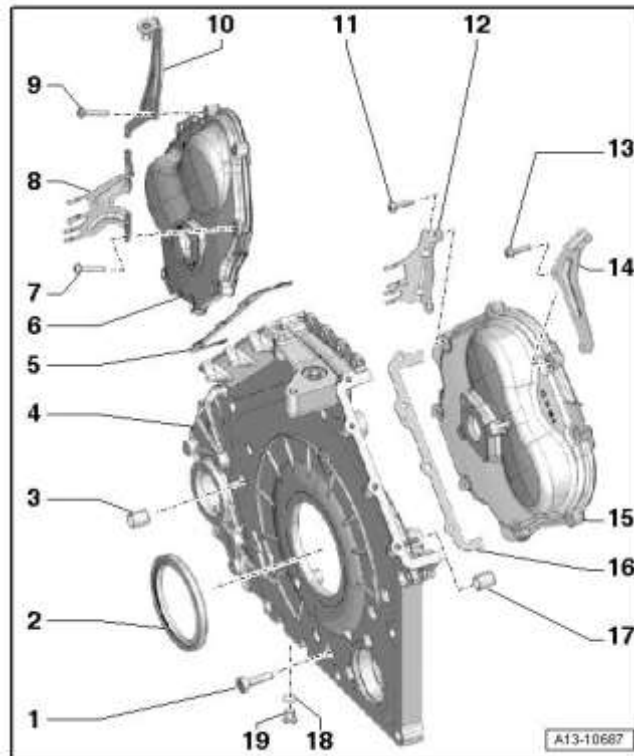


Figure 1. Timing cover area.

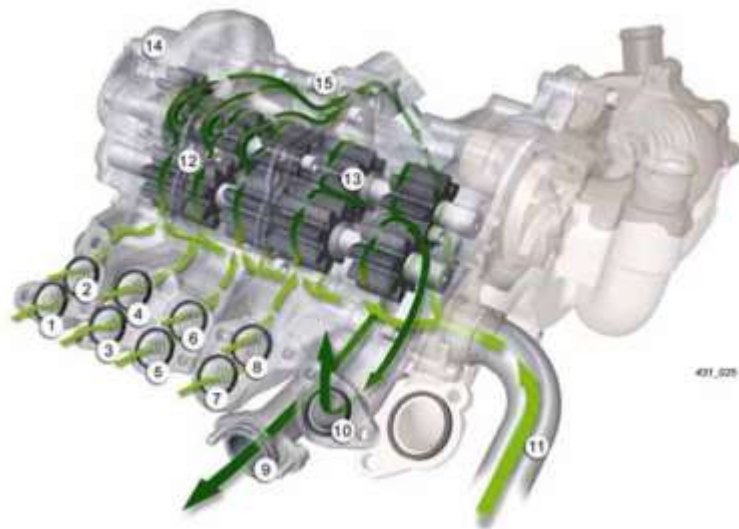


Figure 2. Potential leak near crank.



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3. In this case, remove the oil pump and check the oil strainers for a blockage.
4. Replace all oil strainers and clean engine of all residual oil and recheck for oil leaks after starting and driving vehicle to normal operating temperature.
5. If no leaks are reproduced, then vehicle can be released. The rear crankshaft seal does not need 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:	1720		
Damage Code:	0010		
Labor Operations:	Remove and install oil pump	1720 1973	See SRT
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2052943/1		

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.

Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA
07L103081	Oil strainers	08



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Additional Information

All parts and service references provided in this TSB (2052943) are subject to change and/or removal.

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