



Technical Service Bulletin

17 Increased oil consumption or sporadic blue smoke, R8 with S tronic transmission

17 17 87 2048564/1 August 8, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8, R8 Spyder	2014	000001 - 000435	Not Applicable

Condition

Customer statement:

- Sporadic blue smoke from exhaust on cold starts
- Possible increased oil consumption

Workshop findings:

- No DTCs are logged

Technical Background

A quality-deviation of internal coarse oil separator in the engine oil reservoir can cause an internal oil leak in to the crankcase ventilation system.

This can lead to an increased oil consumption (1 quart per 600 miles according to Owner's manual) or to sporadic blue smoke on cold starts.

Production Solution

Optimized engine oil reservoir.

Service

1. Check the part number of the engine oil reservoir, the affected part number is 420 115 373 L with version 01S.



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Figure 1. Part number 420 115 373 L with version 01S.

2. If the customer concern is confirmed and the affected part number is fitted, replace the engine oil reservoir after opening a TAC contact and attaching the GFF log and video of the smoking on cold start.
3. Follow instructions in Elsa to complete the repair at Repair Manual, *Engine >> Engine Mechanical, Fuel Injection and Ignition >> 17 Lubrication >> Oil Check Valves and Spray Nozzle Valve, Oil Filter Housing, Oil Cooler >> Oil Reservoir, Removing and Installing >> Oil Reservoir, Removing and Installing, Vehicles with S tronic Transmission 0BZ.*



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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:	1752		
Damage Code:	0061		
Labor Operations:	Oil reservoir remove + reinstall	1752 1924	190 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2048564/1		

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

Part Number	Part Description	Quantity
420 115 373 N	Oil reservoir	1
N 902 954 01	Oil line o-ring 29x3	1
N 909 581 01	Oil line o-ring 26x3	1
N 909 745 01	Oil sensor o-ring 32x3	1
N 013 812 8	Oil line seal rings	2
Use Fluid capacity chart for the correct engine oil based on Engine code	Engine oil	As needed



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Additional Information

All parts and service references provided in this TSB (2048564) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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