



Technical Service Bulletin

17 UV additive for finding oil leaks

17 20 11 2060750/1 October 5, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2000 - 2021	All	Combustion Engine

Condition

Customer states:

One or more of the following statements:

- There may be a smell in the engine compartment.
- An oil leak is present in the front end of the car or in the area of the engine compartment.
- Oil marks may be found under the car.
- There is engine oil loss.

Workshop findings:

- An oil leak can be found in the engine area.

Technical Background

This pigment supports the search for oil leaks from engines. The pigment of the fluorescent yellow leak search additive makes leaks visible and is therefore ideal for finding oil leaks. The UV pigment mixes with the engine oil and glows fluorescent yellow when the UV lamp shines onto the point of the leak. Depending on the intensity of the leak, the engine oil may even be leaking at idle speed; very small leaks, on the other hand, can also require a test drive. The additive can remain in the engine and is suitable for gas and diesel engines; an oil change is not required.



Tip: Engine cleaning before following the instructions below is not necessary.



Note:

It can be used for all combustion engines. **Do not use** for locating transmission leaks.

Production Solution

Not applicable.



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Service

1. Add 4 ounces of leak search additive G 052 940 A1 to the engine via the oil filler neck. 4 ounces is sufficient for up to 1.4 gallons of engine oil. For larger oil quantities, use double the amount. There is no danger of damaging the engine if extra additive is put in.
2. Run the engine and locate the leak using UV lamp VAS 231005 or equivalent (Figure 1).

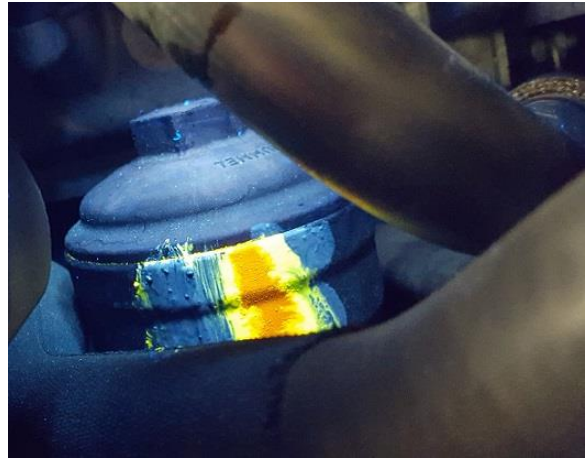


Figure 1. Example of finding a leak using the additive and UV lamp.

Warranty

This TSB is informational only and not applicable to any 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
G 052940A1	Leak search additive	Shop Supply

Tool Number	Tool Description
VAS231005 (WVA-074) or equivalent	UV lamp



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Additional Information

All parts and service references provided in this TSB (2060750) are subject to change and/or removal.

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