



Technical Service Bulletin

17 MIL on or noises from the crankcase breather, DTC P052E00 is stored in the ECM

17 20 07 2060033/1 July 21, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2009 - 2018	All	3.0
Q5	2013 - 2017	All	3.0
S4	2009 -2015	All	3.0
S5	2013 - 2016	All	3.0
S5 Cabriolet	2010 - 2017	All	3.0
SQ5	2014 - 2017	All	3.0
A7, A8, and Q7	2012 - 2018	All	3.0

Condition

Customer states:

- Noises from engine compartment.

Or

- MIL on.

Workshop findings:

- Noises from the crankcase breather.

The following DTC may be stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P052E00** (valve for crankcase ventilation, malfunction).

Technical Background

Fuel additives can cause the membrane to crack.

Production Solution

Not applicable.



Technical Service Bulletin

Service

1. Using the hand vacuum pump VAS 6213 check the membrane of the crankcase breather for leaks; a leak can mean a faulty membrane or elbow piece.
2. Remove the compressor/intake manifold and check the membrane for leaks directly on the crankcase breather. Remove the crankcase breather and check the two metal plates for damage (Figure 1).

If one plate is defective then always replace both (included in the pressure regulating valve repair kit).



Figure 1. Metal plates.



Technical Service Bulletin

3. Replace membrane of the pressure regulating valve (Figure 2-3). (Included in the pressure regulating valve repair kit)

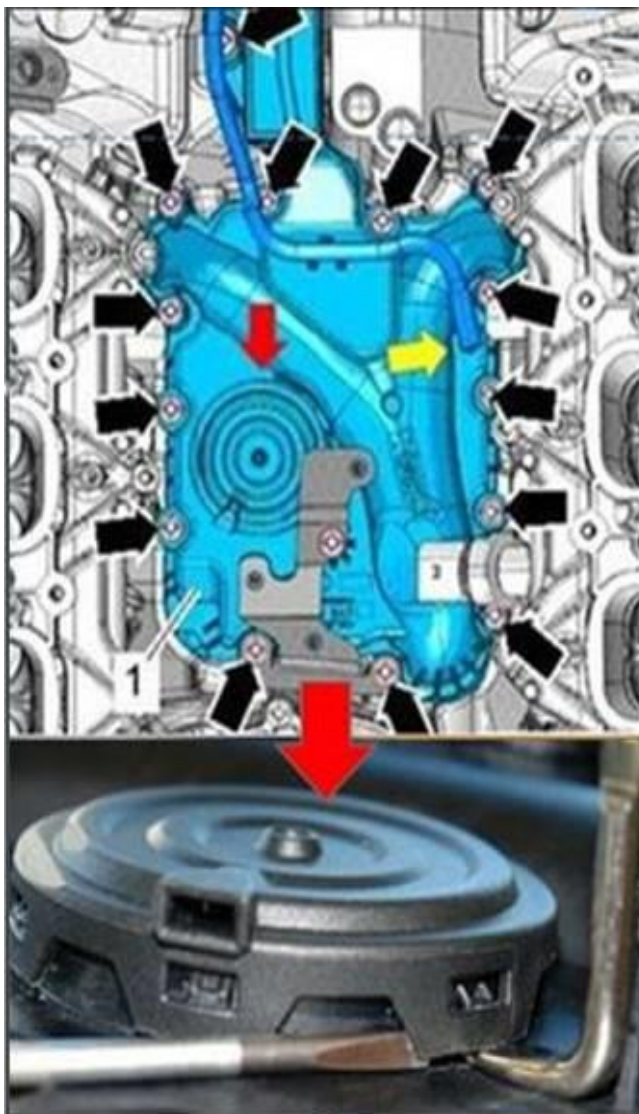


Figure 2. Membrane example.



Technical Service Bulletin

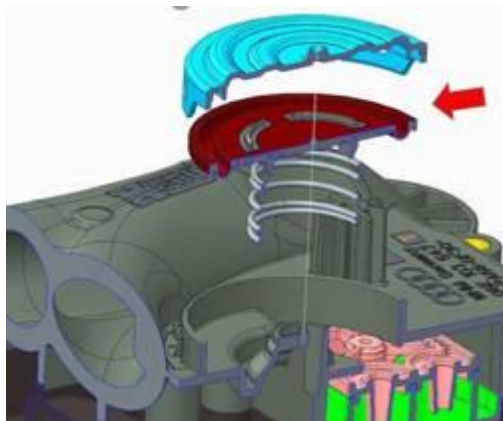


Figure 3. Replacing the membrane.

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 the vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1050		
Damage Code:	0050		
Labor Operations:	Remove and install crankcase breather	1050 19xx	See SRT with associated labor operations
	Replace membrane	1050 5599	10 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on the diagnostic protocol (Max 30 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2060033/1		

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.



Technical Service Bulletin

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
06E103772H	Pressure regulating valve kit with plate	01

Tool Number	Tool Description
VAS 6213	Hand vacuum pump
VAS 6160/VAS 6150 (Windows 10 with current version of ODIS)	ODIS Service with VAS tester

Additional Information

All parts and service references provided in this TSB (2060033) are subject to change and/or removal.

©2020 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.