

Technical Service Bulletin



01 MIL on, cold start misfire (DTCs P0300 - P0310)

01 13 15 2034384/1 July 10, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8 V10	2014	All	All in North American market

Condition

- MIL on.
- DTCs for random cylinder misfires (**DTC P0300 - DTC P0310**) are stored in the engine control modules (ECM), J623 (address word 01) and J624 (address word 11).
- This condition will not cause stalling or drivability concerns.

Technical Background

Certain driving conditions can cause the ECM to adapt idle quality incorrectly.

This TSB replaces TSB 2033647: *24 ECM adaptation for 2014 R8 V10 and V10 Plus with S-Tronic only*. ECM adaption is no longer required for R8 V10 and R8 V10 plus vehicles with both manual and S-Tronic transmissions.

Production Solution

Improved software for the engine control modules (ECM).

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Service

SVM Update Instructions

1. Follow all instructions in the attached TSB, 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the ECM software of the affected vehicles (update both ECMs, J623 and J624) using the SVM action code as listed in the table below if necessary.

Model	Engine	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Action Code
R8	V10	420 910 552 N	0010	424 910 552 N	0020	01A146
R8	V10	424 910 552 N	0010	424 910 552 N	0020	
R8	V10 Plus	423 910 552 A	0010	423 910 552 E	0020	
R8	V10 Plus	423 910 552 E	0010	423 910 552 E	0020	

Warranty

Claim Type:	1SP if vehicle has an in-service date 9SP if vehicle does not have an in-service date		
Service Number:	2470		
Damage Code:	0039		
Labor Operation	Update ECM	2470 2599	50 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 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 #2034384/1		

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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Required Parts and Tools

Approved battery charger.

Additional Information

All parts and service references provided in this TSB (2034384) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.