

Technical Service Bulletin



01 MIL on (DTCs P0299, P0403, P20EE, P229F, P2100, P0045, P2008, P24AF, P026A, P24CC, P24CB, P24CC, P24CB, and/or P050E)

01 14 93 2033807/2 September 12, 2014. Supersedes Technical Service Bulletin Group 01 number 13-92 dated May 7, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2013	All	TDI clean diesel

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Condition</i> (Added additional condition)
1	5/7/2013	Initial publication

One of the following conditions is present:

- MIL on *and* one or more of the DTCs listed below is stored in the engine control module (ECM), J623. No relevant component or electrical problems are found when Guided Fault Finding (GFF) is run on the stored fault codes.
 - **DTC P029900** (Turbo/Super Charger Underboost)
 - **DTC P040300** (Exhaust Gas Recirculation Circuit)
 - **DTC P20EE00** (SCR NOx Catalyst Efficiency Below Threshold Bank 1)
 - **DTC P229F00** (NOx Sensor Circuit Range/Performance Bank 1 Sensor 2)
 - **DTC P210000** (Throttle Actuator Control Motor Circuit/Open)
 - **DTC P004500** (Turbocharger/Supercharger Boost Control Solenoid "A" Circuit/Open)
 - **DTC P200800** (Intake Manifold Runner Bank 1 Control Circuit/Open)
 - **DTC P24AF00** (Particulate Matter Sensor Circuit Range/Performance)
 - **DTC P026A00** (Charge Air Cooler Efficiency Below Threshold)
 - **DTC P050E00** (Cold Start Engine Exhaust Temperature Too Low)
- MIL is not on and one of the following DTCs is stored engine control module (ECM), J623:
 - **DTC P24CC00** (Reductant Tank Cap Switch Circuit Range/Performance)
 - **DTC P24CB00** (Reductant Tank Cap Switch Circuit)

Technical Background

Software improvement with more robust onboard diagnostics.

Production Solution

Improved software.

Service

Do not replace any parts for these fault codes unless directed to do so by GFF. Do not contact Technical Assistance Center (TAC) unless the problem persists after the software update or if there is a problem with the SVM process.

1. Follow all instructions in the TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the engine control module using the SVM action code as listed in the table below if necessary.

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Action Code
Q7 TDI	CNRB	4L2910401A	< 0006	4L2910401A	0006	01A125

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2360		
Damage Code:	0039		
Labor Operations:	Connect battery charger and perform software update with SVM	2360 2599	50 TU
Diagnostic Time:	GFF	0150 0000	20 TU
	Road test prior to service procedure	No allowance	0 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 #2033807/2		

Additional Information

All parts and service references provided in this TSB (2033807) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.