

Technical Service Bulletin



21 MIL on (DTC P029900 - wastegate linkage disconnected)

21 15 22 2039006/3 August 4, 2015. Supersedes Technical Service Bulletin Group 21 number 14-21 dated November 26, 2014 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, A5 Cabriolet, A6, Q5, TT	2013 - 2014	All	2.0 TFSI

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Warranty</i> (Updated A6 labor operations)
2	11/26/2014	Revised title (Corrected DTC)
1	11/17/2014	Initial publication

- MIL on.
- Customer may report a reduction in power.
- **DTC P029900** (Turbo/Super Charger Underboost) is stored in the engine control module (ECM), J623 (address word 01).

Technical Background

The circlip connecting the turbo wastegate actuator rod and the wastegate flap lever can fall off due to low tension of the clip. Consequently, the wastegate linkage becomes disconnected, causing MIL on and DTC P029900.

Production Solution

Clip from improved material with higher tension.

Service

1. Visually check that the wastegate linkage is disconnected (Figure 1) before proceeding with the help of a mirror or boroscope. If this is not the case, this bulletin does not apply.



Figure 1. Disconnected wastegate linkage.

2. Remove catalyst according to ELSA instructions to gain access to turbocharger wastegate linkage.
3. Reconnect wastegate linkage and secure with a new circlip (separately available in ETKA).



Note:

It is not necessary to replace the turbocharger itself. Claims are subject to review or audit by Audi Warranty.

4. Clear fault codes.

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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:	2130		
Damage Code:	0010		
Labor Operations:	For A4, A5, A5 cab, Q5:		
	Catalytic converter remove + reinstall	2673 1913	190 TU
	For A6:		
	Catalytic converter remove + reinstall	2673 1963	90 TU
	Front muffler remove + reinstall	2625 1913	90 TU
	For TT:		
	Catalytic converter remove + reinstall	2673 1913	160 TU
	For all vehicles:		
Diagnostic Time:	Reconnect wastegate linkage	2130 9999	20 TU
	GFF - clearing fault codes included in existing labor operations	No allowance	0 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 # 2039006/3		

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

Always consult your parts department and ETKA for the latest part numbers.

Part Number	Part Description	Quantity
N 0124394	Lock washer linkage vacuum unit 8MM	1

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Additional Information

All parts and service references provided in this TSB (2039006) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.