

Technical Service Bulletin



01 MIL on (DTC P2181 - Cooling system performance)

01 14 70 2036114/1 March 10, 2014.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8	2014	All	4.2 FSI and 5.2 FSI

Condition

- MIL on.
- The following DTC is stored in the engine control module, J623 (address word 01):
 - **DTC P218100** (Cooling System Performance)

Technical Background

If the measured engine temperature does not reach the value in the timing map after a specified air flow, DTC P218100 will be stored.

Production Solution

Improved process at supplier.

Service

1. Replace the coolant thermostat F265.
2. Fill the cooling system with coolant additive according to manufacturer guidelines. Use only distilled water for mixing coolant. Follow TSB 2025303, *Identifying and mixing factory fill engine coolants*, for instructions.

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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:	1958		
Damage Code:	0016		
Labor Operations:	Thermostat remove + reinstall (For 8 cyl. CNDA engine)	1958 1919	220 TU
	Thermostat remove + reinstall (For 10 cyl. CTPA and CTYA engines)	1958 1923	220 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	10 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 #2036114/1		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
079121115AT	Map controlled engine cooling thermostat F265	1

Additional Information

All parts and service references provided in this TSB (2036114) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.