



Technical Service Bulletin

01 MIL on (P0300 and/or P0301 - P0308 stored in ECM)

01 13 17 2034871/1 July 31, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S5	2008 - 2009	All	4.2 FSI

Condition

- MIL on.
- One or more of the following DTCs are stored in the engine control module:
 - **DTC P0300** (Random/Multiple Cylinder Misfire Detected)
 - **DTC P0301 – P0308** (Cyl.1 Misfire Detected - Cyl.8 Misfire Detected)

Technical Background

Hydrocarbons form carbon deposits when low-quality fuel is combined with a short distance driving cycle. The carbon deposits interrupt tumble for efficient fuel/air mixture, which causes cold start misfire.

Production Solution

Not applicable.

Service

1. Add fuel additive **G 001770A2** directly into the fuel tank, following the mix ratio (for example, 120 ml per 30 liters gasoline, 300 ml per 20 gallons of gasoline).
2. Drive the car 60 miles. Record start mileage and end mileage on repair order.
3. Check for cold start misfire at the next cold start:
 - **If misfire is no longer happening**, carbon on the injectors was the cause of the misfire, and the repair is now complete.
After the repair, give one bottle of fuel additive G17 to the customer. Instruct the customer to add the fuel additive to a full fuel tank after 3,000 miles. Advise the customer to use Top Tier fuel. Refer to TSB 2014753: *01 MIL on, gasoline quality (DTC P0300 or P030x, lean condition DTCs)* for more information on Top Tier fuel.
 - **If the misfire continues**, open a TAC ticket and attach the GFF log with the misfire counts on all eight cylinders before starting any other repairs related to misfires.

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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:	2020		
Damage Code:	0010		
Labor Operations:	60 mile test drive (includes compensation for gasoline)	9713 9999	140 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 #2034871/1		

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
G 001770A2	Fuel additive G17	2

Additional Information

All parts and service references provided in this TSB (2034871) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.