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Technical Service Handbook

VIN: **WAUZZZ8P09A002290**

Model year: **2009**

Sales code: **8PAS39**

Model description: **S3 Spb qu2.0 I4195 M6S**

Engine code: **CDLA**

Gearbox code: **KNZ**

Number plate:

Final drive code:

Username: **erwin**

Customer advisor name:

Technical product information

Transaction No.: **2018868/4**

Misfiring at high engine speed - 2.0 TFSI in TTS and S3

Release date: 30-Nov-2009

Customer statement / workshop findings

Engine judders or misfires at engine speeds over 5500 rpm.

The following entry can be logged in the engine control unit:

P0300 - misfiring recognised

or

P0301 - cyl. 1 misfiring recognised

P0302 - cyl. 2 misfiring recognised

P0303 - cyl. 3 misfiring recognised (80% of misfiring is logged on this cylinder)

P0304 - Zyl.4 misfiring recognised

Technical background

Too soft valve springs.

Incorrect exhaust valve springs were fitted.

Production change

Measure

Check the colour marks on the exhaust valve springs.

The colour marks of the incorrect springs are white/yellow (see photo).

Incorrect part - too soft valve springs:



If this spring is fitted, replace the exhaust valve springs according to the repair manual.

Fit springs with Part No. 06F 109 623 with yellow/blue colour marks (see photo).

Correct valve spring:



Try to reproduce the customer complaint so that it can be clearly assigned to this TPI.

The following repair must only be carried out, if all the criteria (model/type, chassis number, engine/gearbox code, PR number(s), software version, code etc.) match exactly. Otherwise this solution won't work and repeat repairs may be necessary. In such a case, we may reject the warranty claim and redebit the parts.

Warranty accounting instructions

Accounting with APOS:

Repair operation:	Designation:	Time units:
15652099	Replace exhaust valve springs	800 TU
01500000	GFF/guided functions	TU according to diagnosis protocol
The labour times are correct at the time of publication. The information in the repair operations catalogue applies.		

Accounting with APOS/2:

Illustration:	Position:	Number:	Designation:	Activity:	Time units:
109-05	17	109623	Exhaust valve springs	56	800 TU
STA-02	2	S00032	Guided fault finding	02	TU according to diagnosis protocol
The labour times are correct at the time of publication. The information in the repair operations catalogue applies.					