

Technical Service Bulletin



01 MIL on (DTC P0300, P130A, and/or P0301 through P0304)

01 13 08 2033561/2 June 21, 2013. Supersedes Technical Service Bulletin Group 01 number 13-95 dated May 13, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2010 - 2011	000001 - 999999	CBFA and CCTA Engine code
TT	2010 - 2011	000001 - 999999	CBFA and CCTA Engine code
A4/A4 Avant	2010	AA121937 - AA999999 AN045790 - AN999999	CAEB Engine code
A4/A4 Avant	2011	BA000001 - BA128744 BN000001 - BN045180	CAEB Engine code
A5 Cabriolet	2010	016353 - 999999	CAEB Engine code
A5 Cabriolet	2011	000001 - 044955	CAEB Engine code
A5	2010	0049118 - 999999	CAEB Engine code
A5	2011	000001 - 062612	CAEB Engine code
Q5	2011	000001 - 084488	CAEB Engine code

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Corrected error in labor operation code for test drive)
1	5/13/13	Initial publication

- One or more of the following faults is stored in the engine control module (ECM) (address word 01):
 - **DTC P0300** (Random/Multiple Cylinder Misfire Detected)
 - **DTC P0301 – DTC P0304** (Cylinder 1 – Cylinder 4 Misfire Detected)
 - **DTC P130A** (Hide Cylinder)
- Engine shakes.

Technical Background

Some of the Bosch ignition coils installed in the affected vehicles may fail prematurely.

Production Solution

Not applicable.

Service

1. Confirm that misfire faults are stored in the ECM memory.
2. Disconnect the connectors from the ignition coils by first pushing the connector towards the ignition coil, then pulling the release tab with thumb, then pulling the connector off the ignition coil (Figure 1).



Figure 1. Correct method of disconnecting the ignition coil.



Note: Never use a screw driver, pick or any other tool to unlock and remove the connector, as damage to the connector may occur (Figures 2 and 3).



Figure 2. Incorrect method of disconnecting the ignition coil.



Figure 3. Incorrect method of disconnecting the ignition coil.

3. Check the part number of the coils (Figure 3). If one of the following part numbers is installed, all four ignition coils will need to be replaced:

- 06H 905 115
- 06H 905 115 A
- 06H 905 115 B

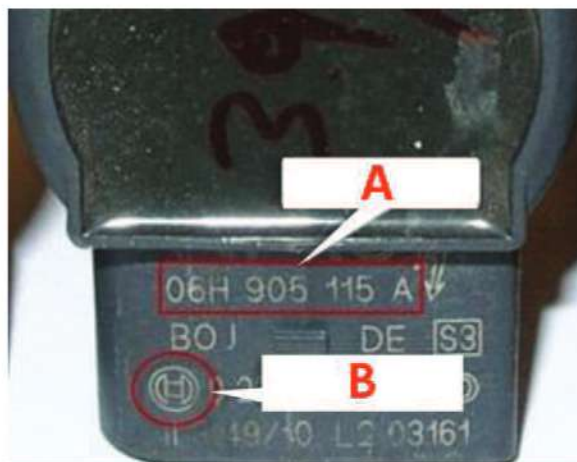


Figure 3. A) part number, B) Bosch symbol.

4. Replace all four ignition coils with part number **07K905715F** (ELDOR).



Note: Always use special tool **T40039** to remove ignition coils (Figure 4).



Figure 4. Special tool T40039.

Technical Service Bulletin



5. Erase the DTC memory from the ECM.
6. Test drive the vehicle to verify that the misfire is no longer present.
7. If the misfire is still present, perform further diagnosis via Guided Fault Finding.

Warranty

This repair only applies to vehicles specified in this TSB. This repair does not apply to any other vehicles and claims for this repair on non-eligible vehicles will not be reimbursed under warranty.

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2820		
Damage Code:	0040		
Labor Operations:	Replace all four ignition coils (All vehicles except A3 and TT) Replace all four ignition coils (A3 and TT vehicles only)	2820 2013 2820 2017	40 TU 40 TU
Diagnostic Time:	GFF - Checking and clearing fault codes included in existing labor operations	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 #2033561/2		

Required Parts and Tools

Part Number	Part Description	Quantity
07K905715F	ELDOR Ignition Coil	4

Tool number	Tool Description	Quantity
N/A	VAS Tester	1
T40039	Ignition Coil removal Tool	1

Technical Service Bulletin



Additional Information

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