

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised Warranty
1	10/16/2009	Original publication

- This TSB is for interim claims for 28F2/J1 campaign vehicles only. Applicable vehicles must fall within VIN ranges noted in this TSB. 2.8L engines are not affected in this scope. Coils of screw-down design (non “pencil” type) are also not affected.
- The MIL is flashing or constantly illuminated.
- DTCs for misfire in one or more cylinders (P0300 to P0312, depending on the engine) are stored in the ECM data memory.

Technical Background

The misfire condition can be caused by an inoperative ignition coil.

- 2.8L engines are not affected in this scope.
- Screw-down design (non “pencil” type) coils are also not affected.

• The following VIN ranges are affected by this condition:

Model	Model Year	5 <sup>th</sup> Digit of VIN	VIN Range
TT	01	C	000888 – 007031
TT	01	X	010017 – 049102
TT	02	C	000153 – 042277

TT	02	X	005133 – 009900
TT	03	C	000233 – 024032
TT	03	T	000222 – 024025
TT	04	C	000558 – 029928
TT	04	F	007023 – 030002
TT	04	T	000349 – 029716
TT	05	C	000117 – 017177
TT	05	D	012805 – 017362
TT	05	F	000116 – 012682
TT	05	T	000448 – 017389
TT	06	C	000128 – 010508
TT	06	D	000120 – 010509
TT	06	T	000184 – 010490
A3	06	D	061021 – 220863
A3	06	F	000150 – 220843
A3	07	D	000226 – 098726
A3	07	F	000229 – 153553
A4 (B4)	01	C	000165 – 156553
A4 (B4)	02	C	000003 – 000003
A4	02	C	014319 – 314607

A4	02	T	053704 – 314599
A4	03	C	098522 – 407119
A4	03	T	100031 – 406848
A4	04	C	000626 – 303744
A4	04	L	000608 – 303627
A4	04	T	000669 – 303612
A4	05	C	000595 – 126142
A4	05	F	405683 – 579570
A4	05	G	409266 – 579567
A4	05		000614 – 579574
A4	05	T	000571 – 126039
A4	06	F	000252 – 298020
A4	06	G	000253 – 097977
A4	06	H	098173 – 297198
A4 First 3 of VIN: WUA	06	L	700001 – 700250
A4 First 3 of VIN: WAU	06	L	000893 – 297822
A4	07	F	000566 – 190045
A4	07	H	000569 – 189834

A4 First 3 of VIN: WUA	07	U	900005 – 905810
A4 Cabriolet	03	C	012363 – 033851
A4 Cabriolet	03	T	003474 – 033839
A4 Cabriolet	04	C	000203 – 029135
A4 Cabriolet	04	L	900036 – 901732
A4 Cabriolet	04	T	000377 – 029211
A4 Cabriolet	05	C	000155 – 025738
A4 Cabriolet	05	L	900002 – 902715
A4 Cabriolet	05	T	000150 – 025666
A4 Cabriolet	06	C	000131 – 011887
A4 Cabriolet	06	L	900007 – 900851
A4 Cabriolet	06	T	000118 – 011890
A4 Cabriolet	07	F	013458 – 027616
A4 Cabriolet	07	H	013759 – 027614
A6 / allroad	02	T	005022 – 152647
A6 / allroad First 3 of VIN: WAU	03	D	000589 – 116152
A6 / allroad First 3 of VIN: WA1	03	D	000602 – 115020

A6 / allroad	03	T	000584 – 116100
A6 / allroad First 3 of VIN: WAU	04	D	000386 – 104181
A6 / allroad First 3 of VIN: WA1	04	D	000394 – 103175
A6 / allroad First 3 of VIN: WA1	04	L	000265 – 102043
A6 / allroad	04	T	000734 – 104386
Allroad First 3 of VIN: WA1	05	D	000168 – 027457
A6 / allroad (C5) First 3 of VIN: WA1	05	L	000167 – 027295
A6	05	G	051555 – 125122
A6 (C6)	05	L	019038 – 125126
A6	05	T	035977 – 055794
A6	06	G	015585 – 075340
A6	06	H	074370 – 195078
A6	06	L	020313 – 191225
A6	07	H	002048 – 113889
A6	07	N	023125 – 111877
A6	07	V	002253 – 113577

A8	04	L	000392 – 026440
A8	05	L	000442 – 017205
A8	05	R	008681 – 017118
A8	06	L	003536 – 026798
A8	06	R	003913 – 026563
A8	07	N	004243 – 014713
A8	07	V	000292 – 014930
Audi Q7	07	V	001257 – 080132
Audi Q7	07	Y	019586 – 080218

Production Solution

Vehicles out of production.

Service

It is not necessary to perform the complete Guided Fault Finding with the VAS tester.

1. Check for Campaign Completion Label

Verify whether a Campaign Completion Label using SAGA Code 28F2 is affixed next to the vehicle emission control information label.

If the Campaign Completion Label using SAGA Code 28F2 is present, do not proceed with this TSB.

2. Address misfire DTCs stored in the ECM data memory

Replace ignition coils (including cylinders without a misfire DTC) as listed in the following table. Not all coils may require replacement. (See matrix below for details.)



Note:

To prevent damage, please use appropriate tools to remove coils (such as coil puller tool T40039). Do not twist ignition coil when installing. Do not use any object to tap the ignition coil into position. Please be careful not to break the electrical connector.

Engine	Engine Code	A.	B.
		GOOD PARTS: If the following part numbers are found, leave in car	If coil in car is not listed in column A, replace with:
1.8T, 2.7T	AWM		
	AMB	06B 905 115 R	06A 905 115 D
	AWP	06C 905 115 L	
	BEA	06C 905 115 M	
	BEL		
2.0T FSI	BPG	07K 905 715 D 06H 905 115	06H 905 115
	BWT	06F 905 115 F	
	BPY	06D 905 115 K, 06E 905 115 D/E	
3.0L	AVK	06C 905 115 L	06C 905 115 M
	BGN	06B 905 115 R 06A 905 115 D	
3.2L SRE (VR-6)	BHE		022 905 715 B
	BUB	022 905 715	
3.6L FSI	BHK		
3.2L FSI 4.2L FSI	BKH	06D 905 115 K	06E 905 115 E
	BVJ	06E 905 115 D/E	

(except RS4) 5.2L FSI	BAR BXA BSM	07K 905 715 D/E 06H 905 115 06F 905 115 F	
4.2L (non-FSI)	BFM BGK BAS BNK BHF	077 905 115 Q 077 905 115 S	077 905 115
4.2L FSI RS4 only	BNS	07K 905 715 D 06H 905 115 06F 905 115 F 06D 905 115 K 06E 905 115 D/E	07K 905 715 F
6.0L	BSB	07C 905 115 J	07C 905 715 A

### 3. Complete the Campaign Completion Label

In the United States and Canada, vehicles repaired under the 28F2 emissions campaign (or this interim TSB) are required to be identified with a Campaign Completion Label.

**Campaign Completion**

SAGA CODE:

DLR #:

REPAIR DATE:

CAMP 010 000

Figure 1. The Campaign Completion label.

1. Order labels at no cost from Archway Marketing Services (formerly Resolve Corporation) at 1-800-544-8021. The part number is CAMP 010 000.



2. Fill out the Campaign Completion Label using SAGA Code 28F2.
3. Ensure the area next to the vehicle emission control label is clean.
4. Affix the Campaign Completion label next to the vehicle emission control label.
4. If other DTCs are also stored in the ECM data memory, or if the misfire condition is not corrected by the replacement of the ignition coils:

Diagnose the condition and perform necessary repairs with the use of Guided Fault Finding, the Repair Manual and applicable Technical Service Bulletins.



Tip: These additional repairs are not covered by this Technical Service Bulletin.

#### Warranty

- It is still possible to claim this TSB for vehicles outside of the Limited New Vehicle Warranty.
- Submit only one warranty claim per case.
- The removed parts remain at the dealer and must be destroyed, not reused.
- The destroyed parts must be kept for inspection at the dealer for 20 days after the payment of the warranty claim.
- Put the parts label on all the removed parts you store (allocation of the parts in case of warranty audit or subsequent request by the manufacturer).

Claim Type:	Sold Vehicle = 7 10 OR unsold vehicle = 7 90		
Service Number:	28F0		
Damage Code:	0099		
Criteria ID:	99		
Labor Operations:	Ignition coil replacement	2820 2099	Refer to Labor Operation Time

			Unit Matrix below
Outside Material (Towing)	Towing only applies to vehicles outside "Roadside Coverage." Reason for towing must directly relate to this TSB. Enter the word "TOW" as the Description; enter "1" under Quantity; select "ea" under Unit. (Ensure loaner sales receipt is attached to repair order.)		Not to exceed \$100
Diagnostic Time:	GFF - Read and delete ECM data memory	0150 0099	10 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 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 #2021232/2		

Labor Operation Time Unit Matrix:

Engine	Vehicle	Time Units
1.8T	A4	40
	A4 Cabriolet	
	TT	50
2.0T	A3	40
	A4	

	A4 Cabriolet	
2.7T	A6 allroad	130
3.0L	A6	90
	A4 A4 Cabriolet	90
3.2L	A4 A4 Cabriolet A6	70
	A3 TT	50
3.6L	Audi Q7	50
4.2L	allroad RS4 (MY 2007)	110
	S4 S4 Cabriolet Audi Q7 A6 (MY 2007)	70
	A6 (MY 2005-2006)	90
	A8	90
5.2L	A6 A8	130

6.0L	A8	160
------	----	-----

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
Refer to ElsaWeb for applicable tools	Coil puller tool, assembly tool, etc.	
Refer to Matrix in Service Section	Ignition coil	Refer to matrix in Service section
CAMP 010 000	Campaign Completion Label	1

#### Additional Information

To order labels:

Campaign Completion Labels (part number CAMP 010 000) can be ordered at no cost from Archway Marketing Services (formerly Resolve Corporation) at 1-800-544-8021.

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

©2009 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.