Technical Service Bulletin

37 Transmission warning message in cluster (P074100 stored in TCM)

37 14 34 2028985/12 July 1, 2014. Supersedes Technical Service Bulletin Group 37 number 14-22 dated May 1, 2014 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, A5 Cabriolet	2011- 2013	All	0BK transmission
allroad	2013	All	0BK transmission
Q5	2011- 2013	All	0BK transmission
A6, A7	2012-13	All	0BK transmission
A8	2011-12	All	4.2L, 0BK transmission
A8	2013	All	0BK transmission

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
12	-	Revised *Service* (Changed SVM codes and software versions)
11	5/1/2014	Revised header data (Added MY 2014 A4, A5, A6, Q5, and allroad) Revised *Service* (Changed SVM codes and software versions) Revised *Warranty* (Updated Labor Operations)
10	4/24/2013	Revised *Service* (Changed SVM codes and software versions)
9	3/4/2013	Republished to correct Elsa display error
8	2/6/2013	Revised header data (Missing model)
7	2/5/2013	Revised *Technical Background* (Added further description) Revised *Service* (Added repair steps)
6	1/16/2013	Revised *Service* (Changed SVM codes and software versions) Revised header data (Added 2012 C7 vehicles)

- Transmission warning may appear in instrument cluster.
- After ignition cycle, the warning message is no longer present.

© 2014 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.

DTC P074100 (Torque Converter Clutch Circuit Performance) or “Stuck Off” is stored in transmission control module (TCM), J217 (address word 03).

Technical Background

The fault occurs with ATF temperature below 60° C. Check for this temperature range in the extended environmental conditions of the diagnosis protocol. This TSB only applies if the ATF level is correct and there are no leaks.

Production Solution

New software in the TCM addresses the condition.

Service

Before proceeding, verify that the *Condition* and *Technical Background* match the concern. If any other faults or conditions exist, this bulletin does not apply because the SVM update will not work.

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the TCM using the SVM action code as listed in the table below if necessary.

Note: Read the table below carefully and make sure to use the correct SVM action code.

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A4, A5, A5 Cabriolet	2.0L with 8 Speed 0BK transmission	8K0927158K	All	8K0927158K	1014	02A072
	2.0L with 8 Speed 0BK transmission	8K0927158Q	All	8K0927158S	1007	02A072
	2.0L with 8 Speed 0BK transmission	8K0927158S	All	8K0927158S	1007	02A072
A4, A5, A5 Cabriolet, allroad	2.0L with 8 Speed 0BK transmission	8K0927158T	All	8K0927158T	1005	02A072

© 2014 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.

allroad	2.0L with 8 Speed 0BK transmission	8K1927158	All	8K1927158	1005	02A072
Q5	2.0L with 8 Speed 0BK transmission	8R0927158E	All	8R0927158E	1015	02A072
	2.0L with 8 Speed 0BK transmission	8R0927158M	All	8R0927158T	1008	02A072
	2.0L with 8 Speed 0BK transmission	8R0927158T	All	8R0927158T	1010	02A072
	2.0L with 8 Speed 0BK transmission	8R1927158C	All	8R1927158C	1006	02A072
	3.0L with 8 Speed 0BK transmission	8R0927158AM	All	8R0927158AM	1003	02A072
A6/A7	3.0L with 8 speed 0BK transmission	4G0927158E	All	4G0927158E	1006	02A072
	3.0L with 8 speed 0BK transmission	4G0927158P	All	4G0927158P	1006	02A072
	2.0L with 8 speed 0BK transmission	4G0927158AD	All	4G0927158AD	1004	02A072
A8	3.0L with 8 speed 0BK transmission	4H1927158AR	All	4H1927158AR	1007	02A072
	4.2L with 8 speed 0BK transmission	4H1927158M	All	4H1927158M	1007	02A072
	4.2L with 8 speed 0BK transmission	4H1927158N	All	4H1927158N	1007	02A072
	4.2L with 8 speed 0BK	4H1927158AD	All	4H1927158AD	1007	02A072

© 2014 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.

	transmission					
	4.2L with 8 speed 0BK transmission	4H1927158AQ	All	4H1927158AQ	1004	02A072
	4.2L with 8 speed 0BK transmission	4H1927158BR	All	4H1927158BR	1007	02A072
	4.0L with 8 speed 0BK transmission	4H1927158BK	All	4H1927158BK	1005	02A072
	4.0L with 8 speed 0BK transmission	4H1927158BL	All	4H1927158BL	1005	02A072
	4.0L with 8 speed 0BK transmission	4H1927158CA	All	4H1927158CA	1005	02A072

3.
   - **For 2011 model year:** Clear adaptations and perform test drive adaptation through Guided Fault Finding (GFF).
   - **For 2012 and 2013 model year:** Clear adaptations and perform standstill adaptation.
4. If the software version is not included in the above table, create a Technical Assistance Center (TAC) contact and attach GFF protocol. Call TAC for further instructions. Do *not* claim this TSB if step 4 is necessary.

© 2014 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.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3730		
Damage Code:	0039		
Labor Operations:	Update software of TCM	3735 2599	50 TU
	Perform standstill adaptation (2012 and 2013 model year)	3735 5799	60 TU
	-OR-		
	Perform test drive adaptation (2011 model year)	Included in GFF below	
Diagnostic Time:	GFF to perform test drive adaptation. (2011 model year only)	0150 0000	Time stated on diagnostic protocol (Max 100 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 #2028985/12		

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.

Additional Information

All parts and service references provided in this TSB (2028985) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

© 2014 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.