

Technical Service Bulletin



69 Replaced airbag control unit cannot be coded

69 13 26 2023323/11 October 21, 2013. Supersedes Technical Service Bulletin Group 69 number 12-25 dated April 25, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4/S4	2009 – 2015	All	Not applicable
A5/S5	2008 – 2015		
A5 CAB	2010-2015		
Audi Q5	2009-2015		
TT/TTS	2007-2015		
A3 PA	2009-2014		
C6 A6 PA	2009-2011		
D4 A8	2011-2015		
R8 Coupe/Syde	2007-2015		
C7 A6 & A7	2011-2012		

Condition

REVISION HISTORY		
Revision	Date	Purpose
11	-	Revised header data (Added MY14-15 for applicable models) Revised entire bulletin for clarity
10	4/25/2012	Revised header data (Added 2008-2013 R8 models)
9	2/13/2012	Revised header data (Added models and model years) Revised <i>Condition</i> , <i>Technical Background</i> , and <i>Service</i>
8	12/9/2011	Revised header data (Added models and model years)
7	9/16/2011	Revised header data (Added pull ahead D4 A8 vehicles)
6	8/29/2011	Revised header data (Added new models) Revised <i>Technical Background</i> and <i>Service</i>

Technical Service Bulletin



5	11/4/2010	Revised <i>Service</i> (Steps 5-7)
4	9/10/2010	Revised header data (Added model and model year) Revised <i>Technical Background</i> and <i>Service</i>
3	6/7/2010	Revised header data (Controlling TSB display in ElsaWeb)
2	5/24/2010	Revised <i>Warranty</i>
1	5/5/2010	Original publication

After the airbag control module (J234) has been replaced, the control unit cannot be coded via SVM spec/actual.

Technical Background

An SVM code is required to code and parameterize the new service replacement airbag control module. Each model's SVM code is provided in a parts bulletin (GP bulletin), which should have been referenced through ETKA when the module was replaced. The control module cannot be coded until the SVM code has been executed.

If the SVM code was not acquired through the GP bulletin in ETKA, follow the instructions in the *Service* section of this bulletin to update the control module.



Tip: Any time that any control module is replaced in any vehicle, an SVM code may be required for parameterization after installation. When replacing a control module, always check ETKA for the SVM code, which will be found in the GP bulletin for the part. To find a GP bulletin in ETKA:

1. Locate the part in ETKA. Use the FI search function (VIN filter) to determine if the correct control module (including color code) was ordered for the vehicle.
2. To open the GP bulletin, right-click the part number and select **GP Bulletin** from the drop-down menu (Figure 1).

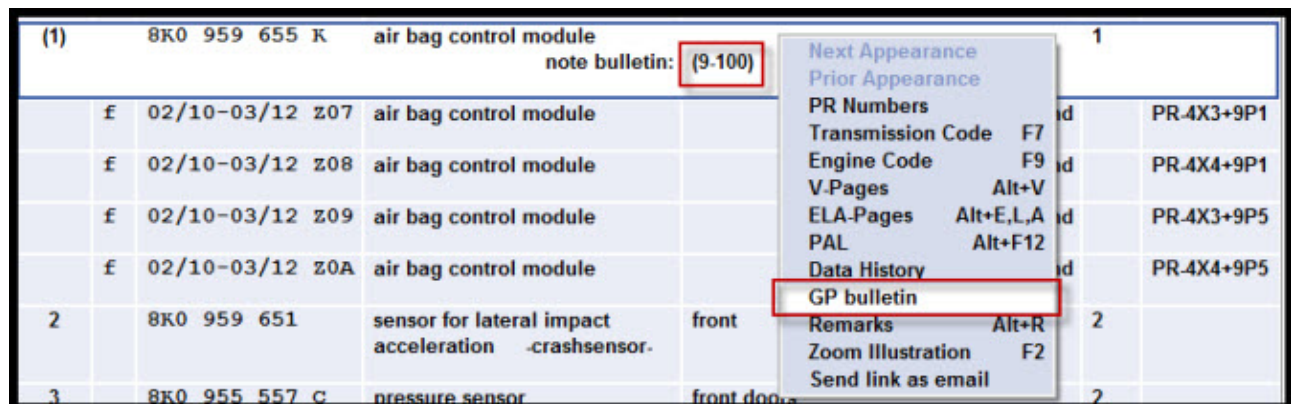
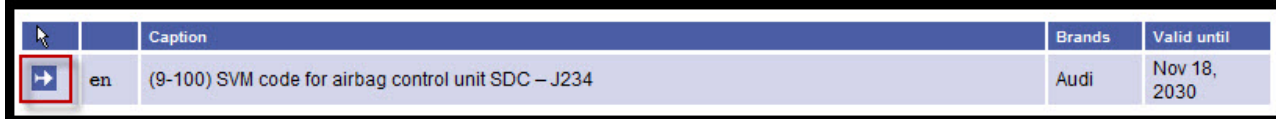


Figure 1. Selecting GP bulletin in ETKA.

3. A new window will open with the GP bulletin listed. Open the bulletin by selecting the blue box with the white arrow next to the bulletin number.



	Caption	Brands	Valid until
en	(9-100) SVM code for airbag control unit SDC – J234	Audi	Nov 18, 2030

Figure 2. Opening GP bulletin in ETKA.

Production Solution

Not applicable.

Service

When the airbag control module (J234) is replaced in a:

- **TT, A3, R8 GT, R8 GT Spyder, or A6 (C6):**
Only the ECU coding needs to be performed using the provided SVM code.
- **A4/S4, A5/S5/RS5, A5 Cab/S5 Cab/RS5 Cab, Q5/SQ5, A6/S6/A7/S7/RS7 (C7), or A8/S8:**
Both ECU parameterization *and* ECU coding need to be performed using the provided SVM code.



Note: Do not run an SVM Specified vs. Actual Comparison. If an SVM Specified vs. Actual Comparison has already been run *and* the SVM code listed below fails, contact the Technical Assistance Center (TAC). Ask TAC to set the vehicle's CARPORT reference correctly. Note that no software update is being performed during this SVM communication.

1. Find the old software part numbers and the new software part numbers from the GFF log.
2. Use the part numbers to find the correct SVM action code in the table below. All part numbers and software versions must match the values in a single row. If a match is not found, contact TAC.
3. Enter the SVM code using *ODIS* >> *Start Diagnosis* >> *Fill out Engine Information from drop down menu* >> *CHECK the option for "Guided Fault Finding" (this ensures the diagnostic log shows the correct TU's)* >> *Special Functions* >> *Software Version Management (SVM)* >> *SVM - Code input*.



Note: Do NOT choose "SVM – Direct input: SVM code for vehicle conversion". With this option, the SVM code will always fail if any SVM hardware issues are present in the system.

4. If no parameterization and/or coding is suggested, check the color code on the service part label of the control module. Compare this color code to the suggestion given by ETKA by using the FI search function.
 - If the color codes *do not* match, or if the service part has no color code, re-order the correct part listed in ETKA with the appropriate color code.
 - If the color codes *do* match, contact TAC.



Tip: The color code indicates the ECU software that the control module must be programmed with to operate correctly in the North American Market. Only control modules to be used for service will have a color code. In addition, service parts will have a secondary label placed over the original supplier label after the part has been programmed for the North American market (Figure 3 and Figure 4).



Figure 3. Production Control Unit



Figure 4. Service Part Control Unit

- For A4/S4, A5/S5/RS5, A5 Cab/S5 Cab/RS5 Cab, Q5/SQ5, A6/S6/A7/S7/RS7 (C7), or A8/S8 only:
After the parameterization is complete, the coding of the control module will automatically be carried out by SVM (no user input required). If a prompt appears requesting to change the coding, select **YES**.
- At the end, a screen showing all changes that were made during the SVM communication appears. Verify the changes and ensure that the coding was performed.
- Exit SVM and perform the component protection test plan to remove the remaining DTCs.

Technical Service Bulletin



Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version	SVM Action Code
Q5	8R0959655B	0310	8R0959655C	0560	XCHG15A002
	8R0959655A	*	8R0959655F	*	XCHG15A005
	8R0959655D	*	8R0959655F	*	XCHG15A005
	8R0959655B	*	8R0959655E	*	XCHG15A005
	8R0959655C	*	8R0959655E	*	XCHG15A005
	8K0959655P	*	8K0959655P	*	XCHG15A005
A4/S4	8K0959655C	0409, 0410	8K0959655H	0520, 0560	XCHG15A002
A5/S5	8K0959655C	*	8K0959655K	*	XCHG15A005
	8K0959655F	*	8K0959655K	*	XCHG15A005
	8K0959655H	*	8K0959655K	*	XCHG15A005
	8K0959655K	*	8K0959655K	*	XCHG15A005
	8K0959655M	*	8K0959655M	*	XCHG15A005
	8K0959655N	*	8K0959655N	*	XCHG15A005
A5 Cabriolet	8F0959655A	*	8F0959655A	*	XCHG15A005
	8F0959655E	*	8F0959655E	*	XCHG15A005
TT	8J0959655	0010	8J0959655	0010	XCHG15A005
	8J0959655	0020	8J0959655	0020	XCHG15A005
A3	8P0959655Q	*	8P0959655Q	0250	XCHG15A005
R8/GT/Spyder	420959655	*	420959655	*	XCHG15A005
A6/A7 (C7)	4G0959655A	*	4G0959655A	*	XCHG15A005
A8	4H0959655A	*	4H0959655A	*	XCHG15A005
	4H0959655D	*	4H0959655A	*	XCHG15A005
A6 (C6)	4F0910655R	*	4F0910655R	*	XCHG15A005

Technical Service Bulletin



Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	6953		
Damage Code:	0040		
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 60 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 #2023323/11		

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 (2023323) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.