

Technical Service Bulletin

Topic	HVAC intermittently not cooling Diagnostic Trouble Code(s) U1A2900 and / or U1A2A00 evident
Market area	Australia E04 Bentley rest Asia and Australia (6E04),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03), Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01)
Brand	Bentley
Transaction No.	2075481/3
Level	EH
Status	
Release date	Aug 21, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0008 - HVAC electronics	U1A2A00: Interior air conditioning Function restriction AC operation		static
0008 - HVAC electronics	U1A2900: Interior air conditioning Function restriction start/stop		static

New customer code

Object of complaint	Complaint type	Position
climate control -> operation, climate control -> sunlight photo sensor	component, automotive fluids -> damaged	

Vehicle data

Continental GT / GTC and Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2024	E		*	*	*
3S4*	2024	E		*	*	*
ZG2*	2024	E		*	*	*

Documents

Document name
master.xml

Condition

Customer statement

HVAC intermittently not cooling

Workshop findings

One or a combination of the following DTCs are evident within diagnostic address 0008 - Climate Control Module

- U1A2900: Interior air conditioning Function restriction start / stop
- U1A2A00: Interior air conditioning Function restriction AC operation

If other active DTCs are present, these must be resolved first. Retest the system afterward.

Technical Background

These DTCs are designed to limit HVAC operation only when a fault is present. Once the fault is fixed, they become sporadic DTCs and can be cleared.

In software version 3050, these DTCs may stay active even without another fault, which can block HVAC operation. A newer software version corrects this by ensuring they only store when another DTC is present.

In the event the issue is as described with no other active DTCs present the operative should conduct the instructions within the Measure section

Revision History – TPI 2075481/3

Measure section modification – Removal of 2nd level authorisation step prior to software update

Production Solution

Service

NOTICE

Before conducting the update the operative **MUST** ensure the following:

- **The closed-circuit voltage of the vehicle must be at least 12.5 V during the update. Connect a suitable battery charger to the vehicle. For further information refer to the Repair manual**

- During the update switch off all unnecessary consumers (ventilation, seat heater, interior illumination etc) ensure the main light switch is set to 'off' and leave the driver's door open

- Do Not under any circumstances use a Bluetooth connection between the diagnostic tester and the interface to conduct the reprogramming (updating) of any control units

Software Version Management (SVM)

CAUTION

The following actions must only be carried out after completing the workshop findings; if not, prior approval must be obtained from Product Support via DISS.

1) Select and run Guided fault finding

- Referring to Figure 1 - Within the Special functions tab select SVM - Code Input (A) then select Perform test (B)

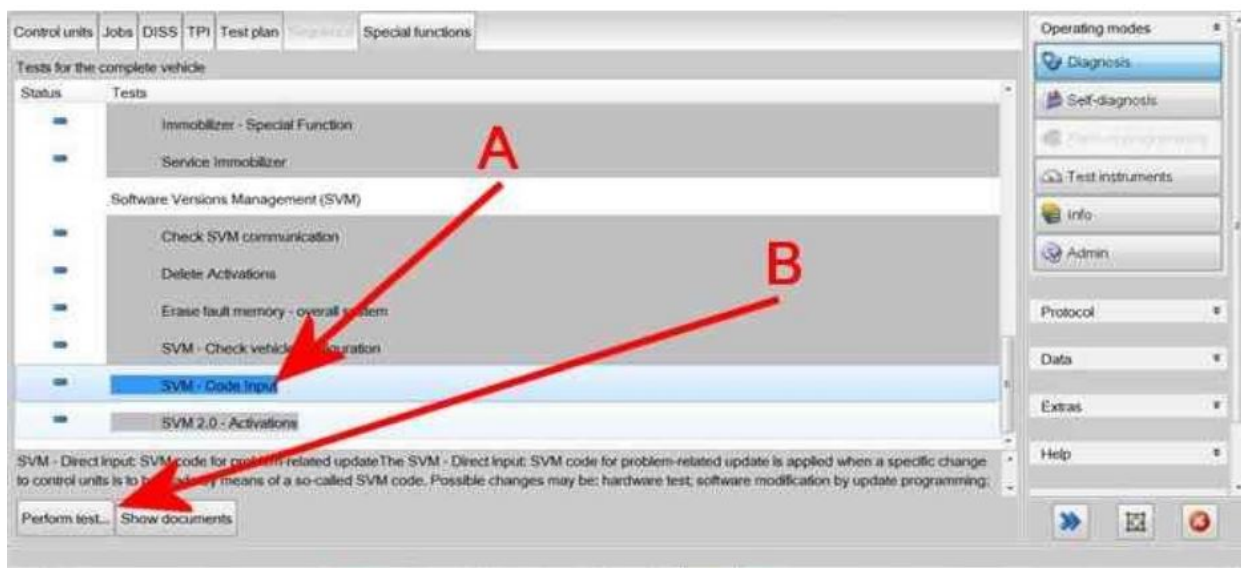


Figure 1

NOTICE

The operative must be aware that there are two different SVM codes depending on the model, please ensure the correct SVM code is used as detailed below

2) On the next screen enter the correct SVM code (Figure 2) depending on model as shown below

New Continental GT and New Continental GTC - **37008SW3075**

New Flying Spur - **37108SW3075**

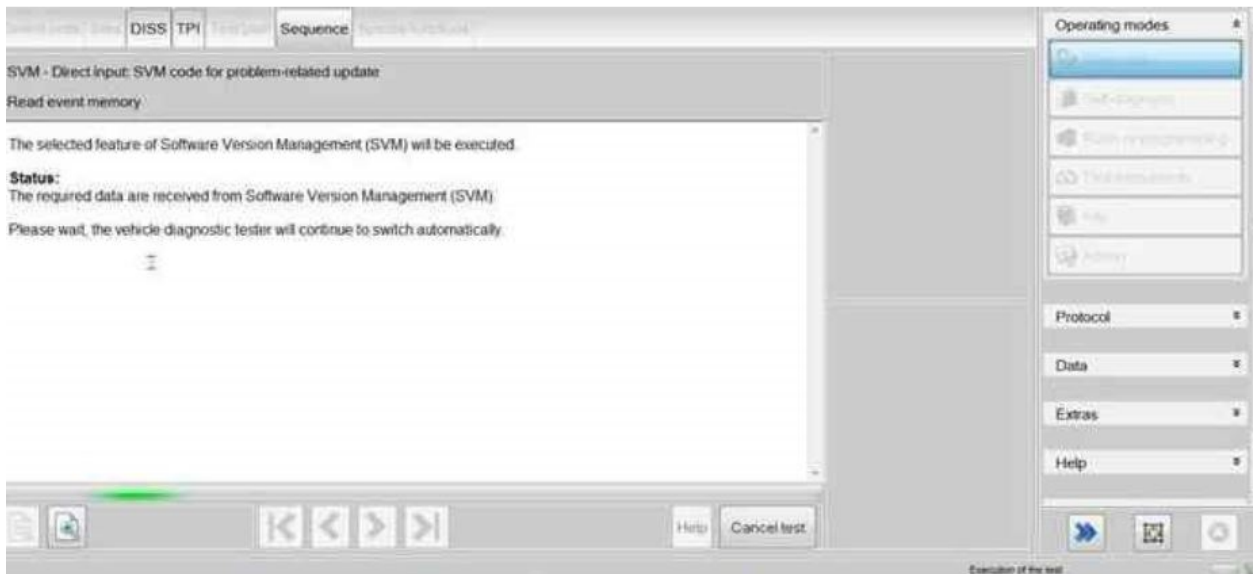


Figure 2

3) On the following screen, confirm the code - Then select Yes

- All control modules will be interrogated
- The SVM action will then take place (Figure 3)



Figure 3

4) Follow all on screen prompts until complete

5) On completion - Switch off the ignition

- Remove the diagnostic interface from the OBD port
- Switch off and remove the battery charger from the vehicle
- Close the bonnet, boot and all doors
- Lock the vehicle
- Wait 5 minutes to allow the vehicle to go into bus silence
- When 5 minutes has elapsed, unlock the vehicle and open the driver's door
- Switch on the ignition

6) Re-connect the battery charger to the vehicle - For further information refer to Rep.Gr 27

7) Connect a suitable diagnostic machine with ODIS capability to the vehicle

- Carry out a Guided Fault Finding check (GFF)
- Erase all applicable DTC's

Warranty

Warranty type 110 or 910

Damage service number 87 02

Damage code 00 16

Labour operation code 01 51 00 00

Time As per ODIS log (Must not exceed 30 Time units)