

## Field campaign

<b>Topic</b>	New Continental GT and New Flying Spur Series - Data bus control unit (J533) replacement (SC24/06)
<b>Market area</b>	United States E05 Bentley USA and rest America (6E05)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2072950/2
<b>Campaign number</b>	EC98
<b>Note</b>	
<b>Type</b>	
<b>US code</b>	

## Vehicle data

### New Continental GT and New Flying Spur Series

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2023	E		*	*	*
3S3*	2024	E		*	*	*
ZG2*	2024	E		*	*	*

#### Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	CT2	ZG	0	P	C	012046	012046		
SCB	CT2	ZG	1	P	C	012072	012072		
SCB	BG6	ZG	6	R	C	012238	012238		
SCB	CG2	ZG	0	R	C	012278	012278		
SCB	BG6	ZG	0	R	C	012719	012719		
SCB	BR6	ZG	0	R	C	012732	012732		
SCB	CG2	ZG	0	R	C	012801	012801		
SCB	CT2	ZG	9	R	C	012954	012954		
SCB	CT2	ZG	7	R	C	013004	013004		
SCB	BG6	ZG	9	R	C	013058	013058		
SCB	CG2	ZG	8	R	C	013064	013064		
SCB	CT2	ZG	6	R	C	013074	013074		
SCB	BG6	ZG	1	R	C	013135	013135		
SCB	CG2	ZG	8	R	C	013209	013209		
SCB	CG2	ZG	0	R	C	013236	013236		
SCB	CG2	ZG	5	R	C	013281	013281		
SCB	CG2	ZG	7	R	C	013315	013315		
SCB	CG2	ZG	4	R	C	013319	013319		
SCB	BB6	ZG	9	R	C	013348	013348		
SCB	CG2	ZG	5	R	C	013362	013362		
SCB	CG2	ZG	2	R	C	013366	013366		
SCB	CT2	ZG	7	R	C	013410	013410		
SCB	CG2	ZG	0	R	C	013477	013477		
SCB	CT2	ZG	3	R	C	013498	013498		
SCB	CT2	ZG	9	R	C	013540	013540		
SCB	CT2	ZG	2	R	C	013542	013542		
SCB	CT2	ZG	5	R	C	013549	013549		
SCB	CT2	ZG	4	R	C	013560	013560		
SCB	CT2	ZG	0	R	C	013569	013569		
SCB	CT2	ZG	5	R	C	013633	013633		
SCB	CG2	ZG	2	R	C	013660	013660		
SCB	CG2	ZG	8	R	C	013663	013663		
SCB	CT2	ZG	1	R	C	013676	013676		
SCB	CG2	ZG	5	R	C	013684	013684		
SCB	CT2	ZG	2	R	C	013685	013685		
SCB	CT2	ZG	2	R	C	013718	013718		
SCB	CT2	ZG	1	R	C	013726	013726		
SCB	CG2	ZG	7	R	C	013900	013900		
SCB	CT2	ZG	5	R	C	013907	013907		
SCB	CG2	ZG	X	R	C	013910	013910		
SCB	CT2	ZG	X	R	C	013918	013918		
SCB	CG2	ZG	4	R	C	013921	013921		
SCB	CT2	ZG	0	R	C	013927	013927		
SCB	CT2	ZG	4	R	C	013929	013929		
SCB	CT2	ZG	8	R	C	013934	013934		
SCB	CG2	ZG	7	R	C	013945	013945		
SCB	CT2	ZG	4	R	C	013946	013946		
SCB	CT2	ZG	5	R	C	013955	013955		
SCB	BG6	ZG	3	R	C	013959	013959		
SCB	BG6	ZG	9	R	C	013982	013982		
SCB	BG6	ZG	3	R	C	013993	013993		
SCB	CG2	ZG	0	R	C	013995	013995		
SCB	CT2	ZG	6	R	C	014001	014001		
SCB	CT2	ZG	0	R	C	014009	014009		
SCB	CG2	ZG	8	R	C	014022	014022		
SCB	CT2	ZG	2	R	C	014030	014030		
SCB	CT2	ZG	9	R	C	014039	014039		

## Documents

Document name
master.xml

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## Notes



### Technical background

The Data bus control unit - J533 (Gateway) must be replaced

### Remedy

Replacement of the Data bus control unit - J533 (Gateway) is required

### Customer notification

Customers of affected vehicles will be notified in writing by their Bentley retailer to arrange an appointment

Please ensure that all affected vehicles are checked and repaired at the nearest opportunity, make a note of the required action on the workshop order before it is signed by the customer

If it is omitted to perform the work required during a workshop visit, the customer should be notified immediately

You should also pass on this information to your new and used car sales department so that affected vehicles are checked and repaired immediately

### Warranty accounting instructions

Warranty type 710 or 790

Damage service number EC98

Damage code 00 66

Criteria 01

### Labour

#### Time to replace the Data bus control unit - J533 (Gateway)

Labour Operation Code 90 35 19 00

Time 50 TU

#### Time to code Data bus control unit - J533 (Gateway)

Labour Operation Code 01 51 00 00

Time As per the ODIS log (Must not exceed 50 TU)

### Genuine parts

Part Number	Description	Quantity
80C 907 468J	Data bus control unit - J533 (Gateway)	1
Refer to ETKA	Boot hinge trim cover clips <i>(Not applicable to New Flying Spur Hybrid)</i>	4

### Parts supply

The required part should be ordered through your regional Bentley parts distribution centre

### Parts despatch control

Not applicable

## Repair instructions



### Technical background

The Data bus control unit - J533 (Gateway) must be replaced

### Check

If the vehicle is not already listed as repaired in the 'Repair history' section of Elsa Pro, check for the presence of the yellow paint completion mark as detailed within the identification section

In the event the campaign has not been applied, please carry out the required work in accordance with these instructions

### Genuine parts

Part Number	Description	Quantity
80C 907 468J	Data bus control unit - J533 (Gateway)	1
Refer to ETKA	Boot hinge trim cover clips <i>(Not applicable to New Flying Spur Hybrid)</i>	4

## Work



**VERY IMPORTANT:** It is highly recommended the operative reads the instructions to familiarize themselves with the work required before proceeding, as the instructions differ slightly between models (New Continental GT - New Flying Spur and New Flying Spur Hybrid)

### **WARNING**

New Flying Spur Hybrid specification vehicles use a High voltage system and **MUST** only be worked on by suitably qualified personnel

### **WARNING**

Please ensure all guidelines within the repair manual are strictly followed whilst conducting work on vehicles with a High voltage system or a 48 volt system

### **CAUTION**

**CAUTION:** The Bentley ODIS-S Brand version **MUST** be 2.32.0 or higher

## All Models

### **NOTICE**

Before starting any work, the operative must inspect the following areas to check for any damage:

- Rear bumper (highlight / photograph any damage for reference purposes)
- Rear lights (highlight / photograph any damage for reference purposes)
- Rear screen (highlight / photograph any damage for reference purposes)
- Roof (highlight / photograph any damage for reference purposes)
- Rear body panels (highlight / photograph any damage for reference purposes)
- Boot lid (highlight / photograph any damage for reference purposes)
- Boot trim panels (highlight / photograph any damage for reference purposes)
- Boot hinge covers (highlight / photograph any damage for reference purposes)
- Exhaust tail pipe finishers (highlight / photograph any damage for reference purposes)



Fit trim protection over the top of the previously listed areas to ensure all trim and painted surfaces are suitably protected

### **NOTICE**

Step 1 is not applicable to New Flying Spur Hybrid specification vehicles - Go to step 2

1) **New Flying Spur non-Hybrid and New Continental GT vehicles only** - Referring to Rep.Gr 70 - Remove the Boot side trim panels (Rear)

### **CAUTION**

**CAUTION: WHEN REMOVING AND REFITTING THE BOOT HINGE COVERS THE FOLLOWING MUST BE OBSERVED IN CONJUNCTION WITH REP.GR 70 BOOT HINGE TRIM COVERS**

The hinge covers scratch very easily, take great care when releasing the clipping points, please also observe the following precautions to prevent any damage

Referring to Figure 1 - Apply several layers of masking tape at the highlighted locations before removing the trim cover clips (A) **extra care must be taken when removing the clips**

- Using a non-metallic slotted trim tool, carefully remove the clips and **DISCARD**

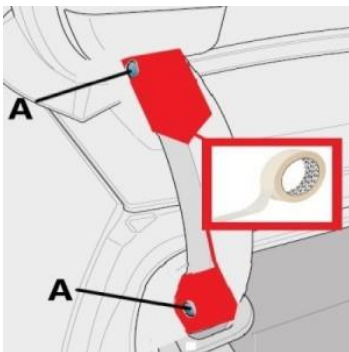


Figure 1

2) Connect a suitable 12 volt battery charger to the vehicle - Refer to Rep.Gr 27

3) Connect a suitable diagnostic machine to the vehicle

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

4) Before disconnecting J533 the operative should access the Gateway replace test (within 0019)

- Run / start the replace test plan

**Hint:** The operative must only remove J533 when instructed by the test plan - **IMPORTANT:** Ensure all instructions are followed

5) When instructed - Remove the original Data bus control unit - J533 (Gateway) - Referring to Rep.Gr 97



**New Flying Spur Hybrid only**

To enable the subwoofer to be removed the right hand boot trim panel should be repositioned to allow access to the subwoofer

6) Once removed - Using a suitable tool (Figure 2) flatten / bend each individual pin within the grey and black connectors of the original Data bus control unit - J533 (Gateway) until all pins are as shown in Figure 3

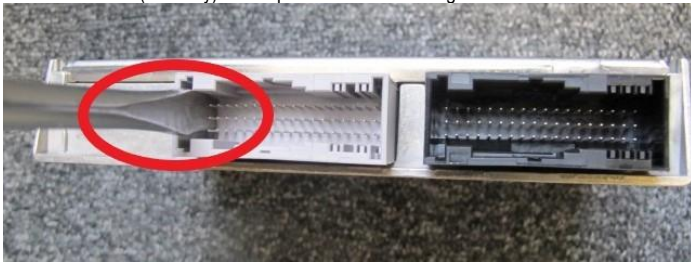


Figure 2



Figure 3

7) Referring to Figure 4 conduct the following:

- Place the previously removed J533 on a piece of white A4 paper
- The operative must clearly write / record the following - **REMOVED FROM VIN \_\_\_\_\_** (include the last 5 digits of the VIN)
- Take a clear photograph of the original / removed J533 (including the VIN)
- Using a suitable red paint pen - Apply a red cross as shown
- Save the photograph in a suitable location as this will be required at the end of this procedure



Figure 4

8) Discard the original J533, ensuring all local environmental guidelines are followed

9) Referring to Figure 5 conduct the following:

- Place the new Data bus control unit - J533 (Gateway) on a piece of white A4 paper
- The operative must clearly write / record the following - **FITTED TO VIN \_\_\_\_\_** (include the last 5 digits of the VIN)
- Take a clear photograph of the new J533 including the VIN
- Save the photograph in a suitable location as this will be required at the end of this procedure

# FITTED TO VIN



Figure 5

10) Referring to Rep.Gr 97 - Fit / secure the new J533 into position - Reconnect the harnesses

- Install all previously removed components



Installation of all previously removed components is the reverse of removal procedure, noting the following:

- Inspect the clips for damage and replace as required
- Ensure the clips are aligned with the slots in the body before pushing in to prevent damaging the clips

11) Continue with the 0019 Gateway replace test until complete / follow all onscreen prompts

- Carry out a Guided Fault Finding check (GFF)
- Erase all applicable DTC's **Hint:** In the event the DTC's cannot be cleared the operative must conduct all applicable test plans to completion

12) On completion - Switch off the ignition

- Remove the diagnostic interface from the OBD port
- Switch off **and** remove the 12 volt 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

13) Re-connect the 12 volt battery charger to the vehicle - For further information refer to Rep.Gr 27

14) Connect a suitable diagnostic machine

- Carry out a Guided Fault Finding check (GFF)
- Erase all applicable DTC's **Hint:** In the event the DTC's cannot be cleared the operative must conduct all applicable test plans to completion

15) Raise a non-technical DISS query ensuring the following is included

- Photograph of the original Data bus unit - J533 showing the damaged / bent pins (Figure 3)
- Photograph of the original / removed Data bus control unit (J533) including the VIN (Figure 4)
- Photograph of the new / replacement Data bus control unit (J533) including the VIN (Figure 5)
- Save an ODIS log online

16) Referring to Figure 6 - Apply a yellow paint mark on the driver's seat outer rail (behind fixing)

## Identification

Yellow paint mark on the driver's seat outer rail (behind fixing) confirms completion as shown in Figure 6



Figure 6

These documents are exclusively for internal use.