

## Field campaign

Topic	Pre Delivery Inspection (PDI) Coolant fan operation check (SC24/08)
Market area	United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2073357/4
Campaign number	ED01
Note	
Type	
US code	

## Vehicle data

### New Continental GT / GTC and New Flying Spur - W12 only

#### Sales types

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

#### Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	*	*	*	R	C	012241	015388		

## Documents

Document name
master.xml
sc2408vinlist190424.pdf

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## Notes

▼ Repair instructions

### Technical background

The correct operation of the cooling fan is required to be checked / confirmed

The coolant fan connector must be checked to confirm the connector is located correctly within the keeper, a further check is also required to confirm the coolant fan electrical connection is plugged in / connected

#### ⚠ DANGER

The radiator cooling fan can START at any time! SERIOUS injury can result! Do Not attempt to touch, rotate or spin the cooling fan

#### Revision history - 2073357/3

Checks have been added to confirm the coolant fan connector is located within the keeper, a further check is also required to confirm the coolant fan electrical connection is plugged in / connected

### Remedy

The instructions within the work section must be conducted during the Pre Delivery Inspection (PDI)

#### ⚠ DANGER

The radiator cooling fan can START at any time! SERIOUS injury can result! Do Not attempt to touch, rotate or spin the cooling fan

### Customer notification

The instructions within this Service Campaign should be conducted during the Pre Delivery Inspection (PDI)

Please inform your new and used car sales department, to ensure all vehicles are checked and repaired immediately

### Warranty accounting instructions

Warranty type 710 or 790

Damage service number ED01

Damage code 00 66

#### Time to conduct step 1

##### Labour

Labour Operation Code 97 09 01 01 (Use 99 index until 02/05/24)

Time 10 TU

##### Labour

#### Time to monitor the coolant temperature / fan operation

Labour Operation Code 01 50 00 00

Time As per the ODIS log (Must not exceed 30 TU)

#### Time to conduct the instructions provided by Product Support via the open DISS query (Cooling fan not spinning / operating)

#### ⓘ NOTICE

The Labour Operation code below must only be claimed if permission has been granted from Product Support via a technical DISS query

Labour Operation Code 01 51 00 00

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

### Genuine parts

Not applicable

### Parts supply

Not applicable

### Parts despatch control

Not applicable

## Repair instructions

▲ Notes

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### Check

If the vehicle is not already listed as repaired in the 'Repair history' section of Elsa Pro, check for the presence of the applicable paint completion mark (depending on scenario) 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

Not applicable

## Work

### **⚠ DANGER**

The radiator cooling fans can START at any time! SERIOUS injury can result! Do Not attempt to touch, rotate or spin the cooling fan

### **ⓘ NOTICE**

Ensure the vehicle is parked in a well ventilated area

### **ⓘ NOTICE**

Ensure suitable exhaust extraction is fitted to the vehicle

### **ⓘ NOTICE**

Ensure the vehicle is not parked in an area which is close to flammable materials

### **⚠ CAUTION**

Before starting this procedure the engine coolant must be cold (ambient temperature)

1) With the ignition switched off - Check the coolant fan connector is located correctly within the keeper as shown in Figure 1



Hint: Figure 2 shows the connector not located correctly within the keeper, in this scenario the connector must be fitted into the keeper as shown in Figure 1

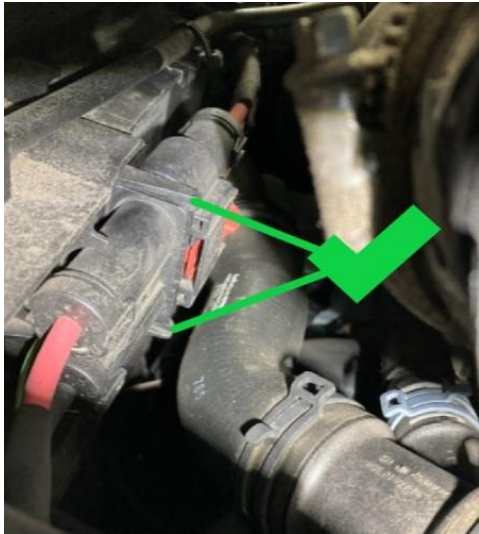


Figure 1

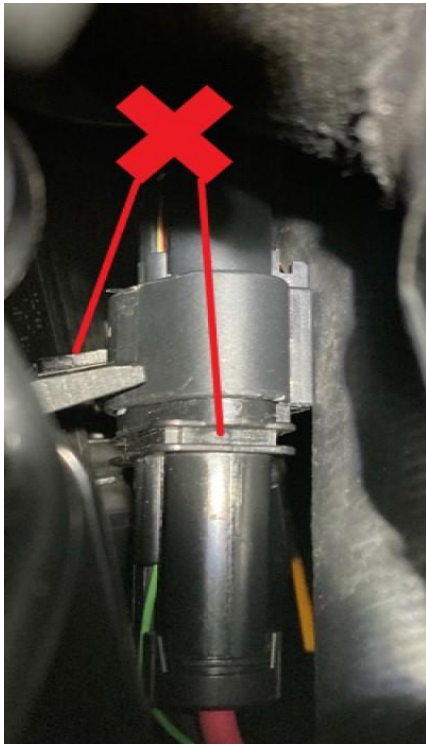


Figure 2



In the event the connector was not located within the keeper please raise a technical DISS query ensuring a photograph of the issue is attached

- Referring to Figure 3 - Check the coolant fan electrical connection is plugged in / connected



Figure 3



In the event the coolant fan electrical connection was not plugged in / not connected please raise a technical DISS query ensuring a photograph of the issue is attached - Continue with all remaining instructions

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

- Connect a suitable diagnostic machine to the vehicle
- Carry out a Guided Fault Finding check (GFF)

3) Referring to Figure 4 - Select A/C MAX as shown



Figure 4

- Select the Measured values shown in Figure 5 - IDE00025 - IDE04083 and IDE00380
- Allow the engine to idle until the coolant temperature (IDE00025) is between 90 and 93 Degrees Celsius (Point A)

Read measured values

Measured value name	ID	Value
▼ Coolant temperature	IDE00025	92 °C
---	MAS00184	
▼ Coolant temperatures	IDE04083	
▼ Supported measurement values	MAS03306	
Coolant temperature sensor 1	MAS03426	installed
Coolant temperature sensor 2	MAS03427	installed
Coolant temperature sensor 1	MAS03426	91 °C
Coolant temperature sensor 2	MAS03427	91 °C
▼ Coolant fan 1, activation	IDE00380	
---	MAS00194	38.27 %

Point A is indicated by a red arrow pointing to the 92 °C value for IDE00025. Point B is indicated by a red arrow pointing to the 38.27 % value for IDE00380.

Figure 5

- Referring to (Point B) the operative should monitor (IDE00380) Coolant fan 1, activation

**NOTICE**  
The Coolant fan 1, activation should be a minimum of 15%

**DANGER**  
The radiator cooling fans can START at any time! SERIOUS injury can result! Do Not attempt to touch, rotate or spin the cooling fan

4) Referring to Figure 6 (Rear of radiator cowl) - Whilst the engine running - Visually check the cooling fan is spinning / operating

**NOTICE**  
Whilst the engine is running the operative should observe the operation of the fan for a total of 60 seconds Hint: The fan will start and stop depending on engine coolant temperature

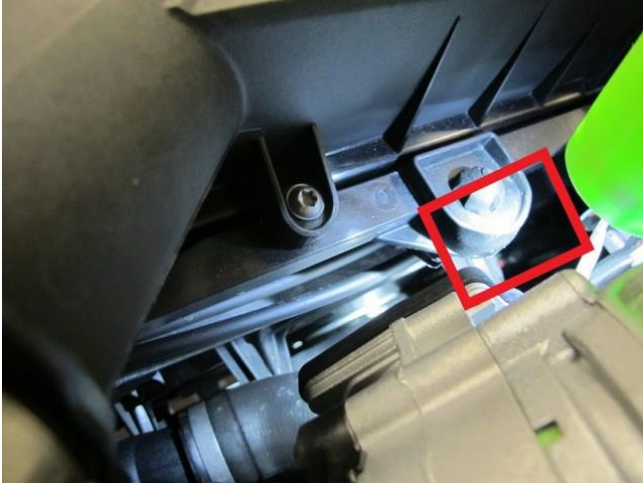


Figure 6

**Question:**

Is the fan spinning / operating whilst the engine is running?

**Yes the fan is spinning / operating whilst the engine is running** - Apply a yellow paint completion mark on the radiator top hose (Figure 7) no further action is required

**Hint:** The yellow paint mark also confirms step 1 was conducted

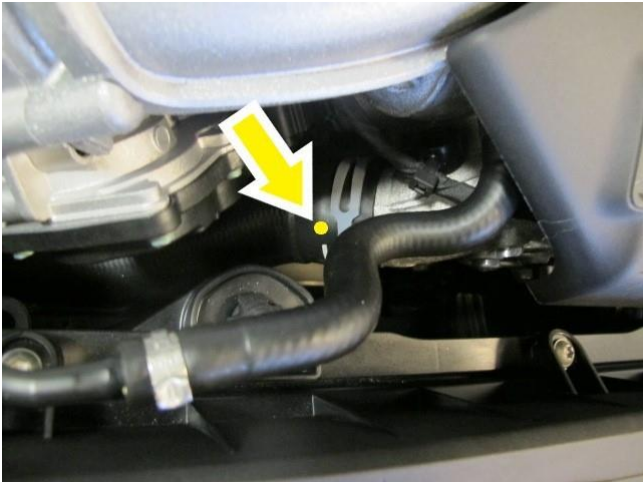


Figure 7

Or

**No the fan is not spinning / operating whilst the engine is running** - Conduct the remaining steps to completion

- 5) Switch off the engine immediately and allow the engine to cool down
- 6) Raise a technical DISS query ensuring the following is attached:
  - Clear video showing the fan is not spinning / operating
  - Clear video showing the requested ODIS Measured values
  - Diagnostic log (saved online) which includes all of the requested Measured values (Figure 5)

**NOTICE**  
**IMPORTANT NOTE TO PRODUCT SUPPORT ON RECEIPT OF A QUALIFYING DISS QUERY:**

The DISS query **MUST** be second levelled to the Powertrain Senior Engineer, please wait for a response from the Powertrain Senior Engineer before responding to the retailer operative

- 7) Conduct the repair instructions (once received from Product Support via the open DISS query)
- 8) Confirm the fan is spinning / operating to specification whilst the engine is running - Repeat steps 2,3 and 4
- 9) Apply a red paint completion mark on the radiator top hose (Figure 8)

Hint: The red paint mark also confirms step 1 was conducted

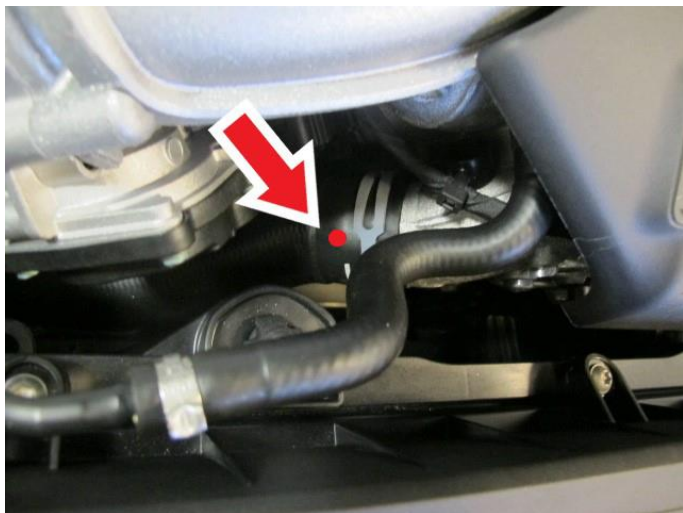


Figure 8

#### Identification

Yellow paint completion mark on the radiator top hose confirms the fan is spinning / operating (Figure 7)

Red paint completion mark on the radiator top hose confirms the initial fan operation check and the software update were both conducted (Figure 8)

SCBCT2ZG5RC012241	SCBCT2ZG1RC014231	SCBBB6ZG9RC014547	SCBCT2ZG8RC014792	SCBDT4ZG8RC015120
SCBBB6ZG7RC012487	SCBDT4ZG5RC014247	SCBCT2ZG8RC014548	SCBCT2ZG5RC014801	SCBDT4ZG5RC015124
SCBDT4ZG0RC012535	SCBCT2ZG6RC014306	SCBDT4ZG6RC014550	SCBDT4ZG1RC014813	SCBDT4ZG2RC015128
SCBCT2ZG8RC012542	SCBCT2ZG1RC014326	SCBDT4ZG0RC014558	SCBDT4ZG9RC014817	SCBBB6ZG5RC015131
SCBDT4ZG6RC013057	SCBDT4ZG5RC014328	SCBCT2ZG9RC014560	SCBBB6ZG8RC014829	SCBDT4ZG4RC015132
SCBBB6ZG1RC013103	SCBCT2ZG7RC014346	SCBBB6ZG8RC014569	SCBDT4ZG1RC014844	SCBBB6ZG2RC015135
SCBBB6ZG6RC013176	SCBCT2ZG5RC014359	SCBCT2ZG7RC014573	SCBBB6ZGXRC014847	SCBCT2ZG5RC015138
SCBDT4ZG3RC013372	SCBCT2ZG6RC014368	SCBBB6ZG7RC014577	SCBCT2ZG2RC014853	SCBDT4ZG3RC015140
SCBBB6ZG2RC013384	SCBDT4ZG8RC014369	SCBBB6ZG0RC014579	SCBCT2ZGXRC014860	SCBBB6ZG8RC015141
SCBBB6ZG4RC013550	SCBDT4ZGXRC014373	SCBDT4ZG6RC014595	SCBBB6ZG4RC014861	SCBCT2ZG6RC015147
SCBCT2ZG0RC013569	SCBDT4ZG9RC014381	SCBCT2ZG9RC014610	SCBBB6ZGXRC014864	SCBDT4ZG6RC015150
SCBDT4ZG4RC013686	SCBCT2ZG8RC014386	SCBCT2ZG4RC014630	SCBBB6ZG3RC014866	SCBDT4ZG0RC015158
SCBCT2ZG9RC013750	SCBDT4ZG5RC014393	SCBDT4ZG9RC014641	SCBCT2ZG2RC014867	SCBCT2ZG9RC015160
SCBCT2ZG9RC013764	SCBCT2ZG0RC014396	SCBBB6ZG7RC014644	SCBDT4ZG6RC014869	SCBDT4ZG5RC015172
SCBCT2ZG8RC013870	SCBDT4ZG6RC014399	SCBCT2ZG3RC014649	SCBDT4ZG3RC014876	SCBCT2ZG4RC015177
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SCBDT4ZG5RC013888	SCBCT2ZG3RC014408	SCBDT4ZG2RC014657	SCBDT4ZG5RC014894	SCBDT4ZG4RC015180
SCBCT2ZG6RC013897	SCBCT2ZG5RC014412	SCBCT2ZG6RC014659	SCBCT2ZG3RC014909	SCBBB6ZG0RC015182
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SCBCT2ZG8RC014114	SCBBB6ZG5RC014500	SCBCT2ZG6RC014743	SCBBB6ZG8RC015009	SCBDT4ZG5RC015284
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SCBDT4ZG5RC014166	SCBBB6ZG1RC014512	SCBDT4ZG6RC014760	SCBBB6ZG7RC015034	SCBBB6ZG1RC015319
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SCBDT4ZG0RC014186	SCBDT4ZG5RC014524	SCBCT2ZG9RC014767	SCBDT4ZG2RC015064	SCBDT4ZG4RC015342
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SCBCT2ZG8RC014226	SCBCT2ZG0RC014544	SCBDT4ZG6RC014791	SCBDT4ZG6RC015116	