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.	2073357/5
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

ED01 Transaction No.: **2073357/5**

Pre Delivery Inspection (PDI) Coolant fan operation check (SC24/08)

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 - 2073357/5

The following changes have been made:

- All DTC's must be cleared before conducting the instructions
- A/C must be switched off from step 3
- Idle coolant temperature threshold has now increased from 90 - 93 Degrees Celsius to 106 - 110 Degrees Celsius (as detailed in Step 3)

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

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

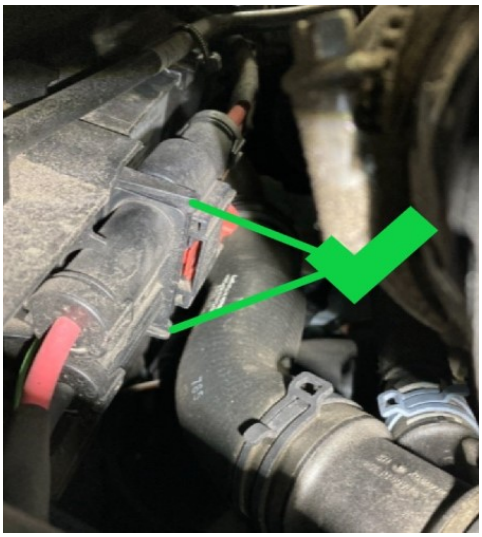

Figure 1

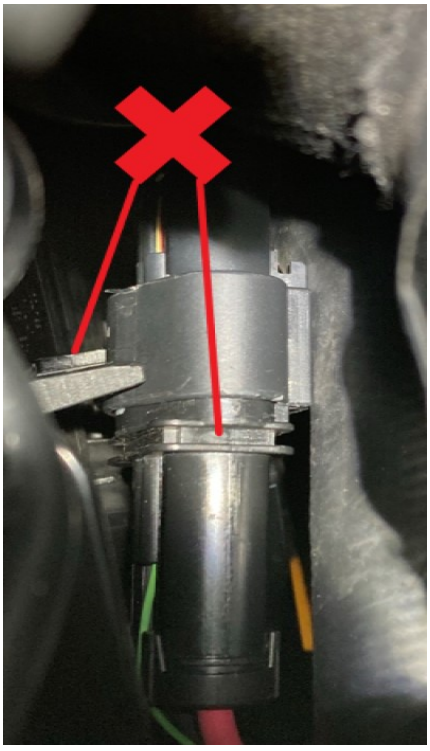

Figure 2

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)
- Erase all DTC's before continuing

3) Referring to Figure 4 - Switch the A/C OFF

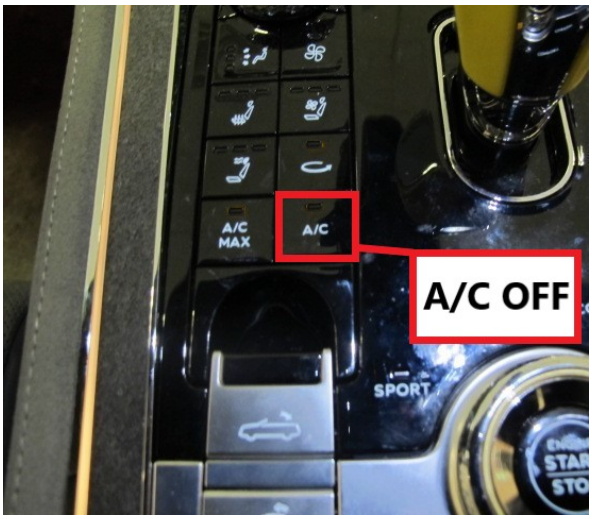

Figure 4

- Select the Measured values shown in Figure 5 - **IDE00025 - IDE04083 and IDE00380**
- Allow the engine to idle until the coolant temperature **(IDE00025)** is between 106 and 110 Degrees Celsius (Point A)

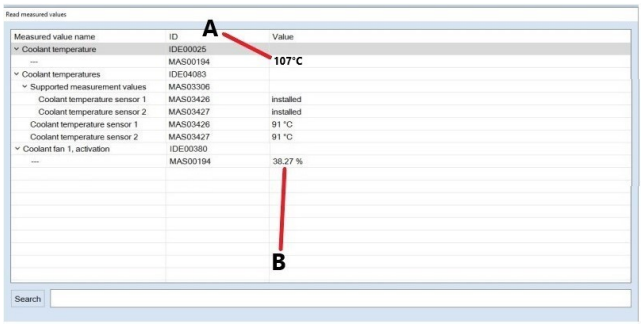

Figure 5

- 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

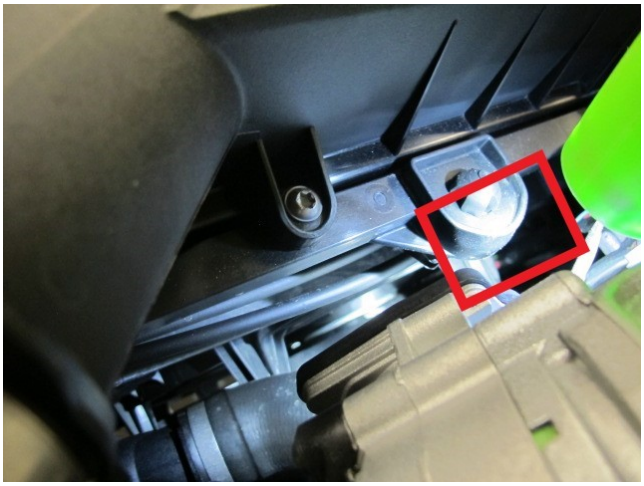

Figure 6

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

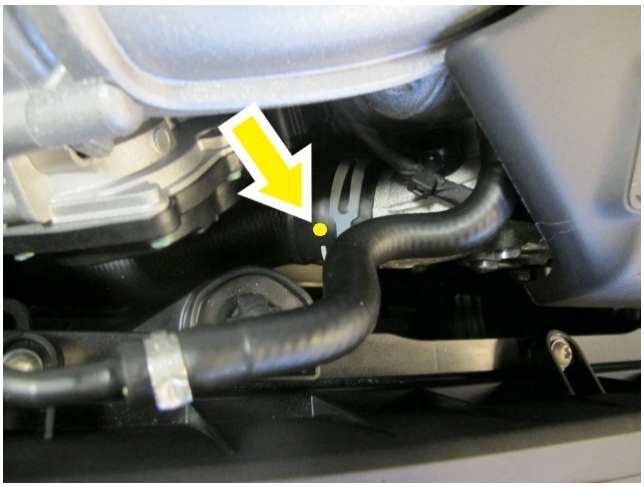

Figure 7

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 form 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

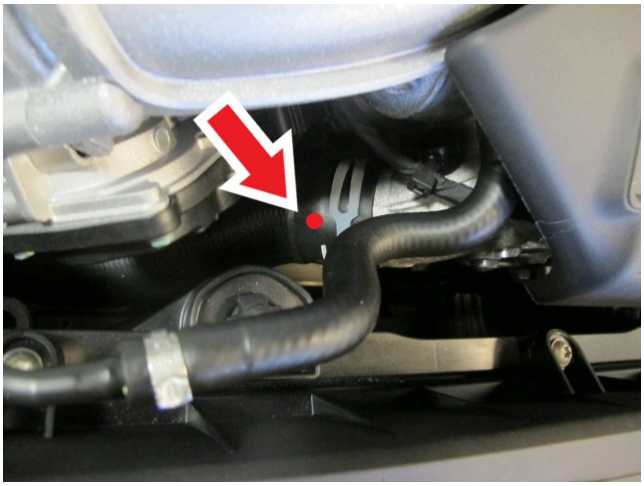

Figure 8

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)

Repair instructions Notes

SCBCT2ZG5RC012241
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SCBDT4ZG0RC012535
SCBCT2ZG8RC012542
SCBDT4ZG6RC013057
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SCBDT4ZG4RC013686
SCBCT2ZG9RC013750
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SCBDT4ZG6RC013902
SCBCT2ZG2RC013914
SCBCT2ZGXRC013918
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SCBCT2ZG4RC014000
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SCBCT2ZG8RC014016
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