

Technical Service Bulletin

Topic	2012 MY onwards Continental family and Flying Spur - Infotainment unit (RNS) - Replacement Process
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2030765/8
Level	EH
Status	Released for publishing
Release date	Mar 25, 2019

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> radio, navigation, MMI and drive device functions -> switch device\MMI on/off -> start screen	functionality -> no function	
information, navigation, communication, entertainment -> radio, navigation, MMI and drive device functions -> reset unit	functionality -> no function	

New workshop code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> radio, navigation, MMI and drive device functions -> software update	control modules, services -> software faulty	

Vehicle data

2012MY onwards Continental family and Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
393*	2012	E		*	*	*
393*	2013	E		*	*	*
393*	2014	E		*	*	*
393*	2015	E		*	*	*
393*	2016	E		*	*	*
393*	2017	E		*	*	*
394*	2012	E		*	*	*
394*	2013	E		*	*	*
394*	2014	E		*	*	*
394*	2015	E		*	*	*
394*	2016	E		*	*	*
394*	2017	E		*	*	*
3W2*	2012	E		*	*	*
3W2*	2013	E		*	*	*
3W7*	2012	E		*	*	*
3W7*	2013	E		*	*	*
3W8*	2012	E		*	*	*
4W2*	2014	E		*	*	*
4W2*	2015	E		*	*	*
4W2*	2016	E		*	*	*
4W2*	2017	E		*	*	*
4W2*	2018	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	*	*	*	*	*	040000	999999		

Documents

Document name
master.xml

Condition

Infotainment system malfunction

Technical Background

Refer to instructions within the measure section of this TPI

Production Solution

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Service

Before replacing any RNS unit you must contact your Bentley Product Support describing the customer fault and your initial findings in detail via DISS, see below.

Do not continue with component replacement until instructed by your Product Support.

Prior to any action being carried out, the dealer must endeavour to confirm that the complaint can be reproduced in the workshop.

The following information must be contained on the DISS Query.

- A photograph or video showing the issue or/and audio file if noise is related.
- Confirmation that TPI 2028463/2 (Infotainment unit (RNS) – Lock up recovery) has been carried out where applicable. (Applicable prior to VIN SCBBE53W2DC079170)
- Confirmation that TPI 2039626 (13.5 to 15MY Infotainment unit (RNS) – Fault rectification – restoration software) has been carried out where applicable (See TPI for VIN ranges)
- A full diagnostic log before and after the investigation.
- The Serial number (CRIN) of the original RNS unit. Process detailed below.
- If the issue cannot be replicated, then the RNS should be reset. Reset process detailed below. If the issue cannot be replicated after reset, the RNS unit **should not be replaced**.
- If the fault can be replicated then the relevant electrical connections **MUST** be checked for full and correct connectivity
- In all cases before the RNS is replaced authority **MUST** be gained from Product Support. Failure to follow this process will influence payment under warranty.
- The original RNS unit **MUST** be retained by the dealer or returned to Bentley Motors, in line with current Bentley policy, ready for any parts return request.

Reset procedure

Firstly using the button press reset method and if that is not successful carry out a "fuse pull" reset

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Note: Ensure a suitable battery charger is correctly connected to the vehicles electrical system for the duration of both the following procedures



Figure 1

1. Option 1a Carry out a button press reset of the RNS unit
 - a. Insert the key into the ignition switch and turn on the ignition
 - b. Almost simultaneously, but ensuring the two buttons on the left are pressed slightly before, press and hold the three buttons at the top of the infotainment unit screen (see Figure 1)
 - c. Once the three buttons are released the infotainment screen will go blank, and then display the Bentley wings
 - d. Within five minutes the system should have fully re-started indicated by either the radio or media screen operating

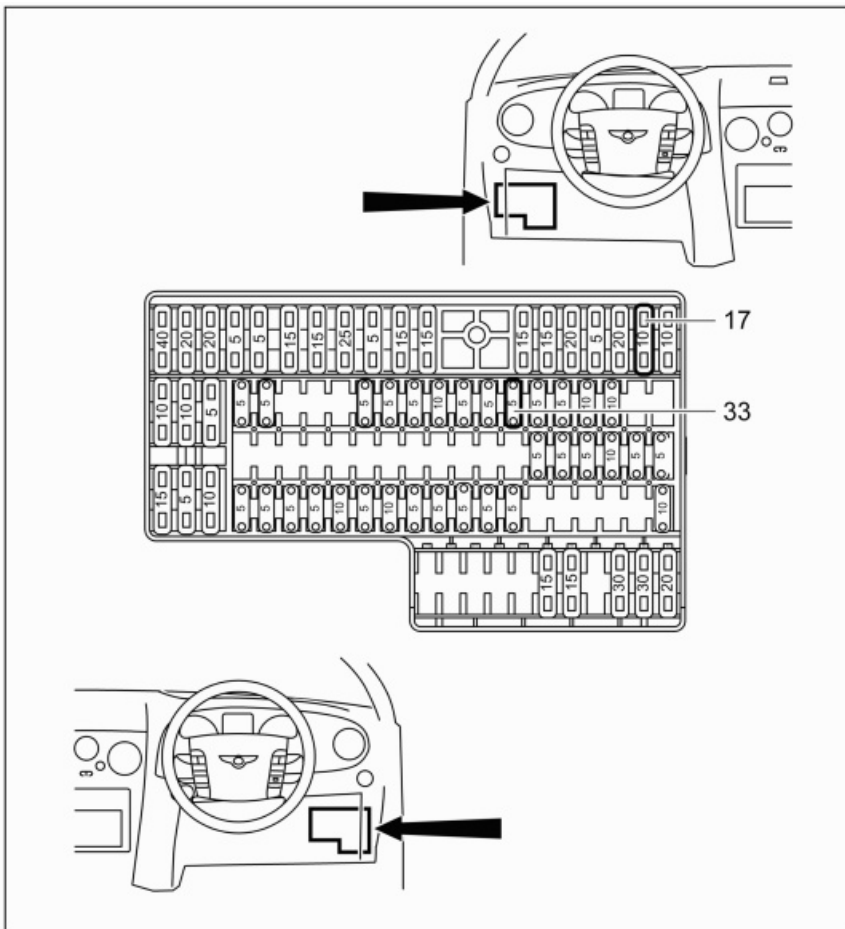


Figure 2

2. Option 1b carry out "fuse pull" reset. Note this should only be performed if option 1a does not recover the unit
 - a. Ensure the ignition is switched off and the key is placed on the top roll
 - b. Remove the drivers knee roll outer trimmed panel enabling access to the Drivers facia fusebox. Refer to workshop manual Rep.Gr70-Dashboard panels - Knee roll assembly – To remove and fit
 - c. Remove fuse 17 (10A) and fuse 33 (5A) from the drivers facia fusebox. (see Figure 2) Once the fuses are removed they can then be replaced
 - d. Insert the key into the ignition switch and turn on the ignition
 - e. The Bentley wings should be displayed
 - f. Within five minutes the system should have fully re-started indicated by either the radio or media screen operating

To read Serial number (CRIN)

Use Onboard Diagnostic Information System

1. Start Diagnosis
2. Select Model and Engine type

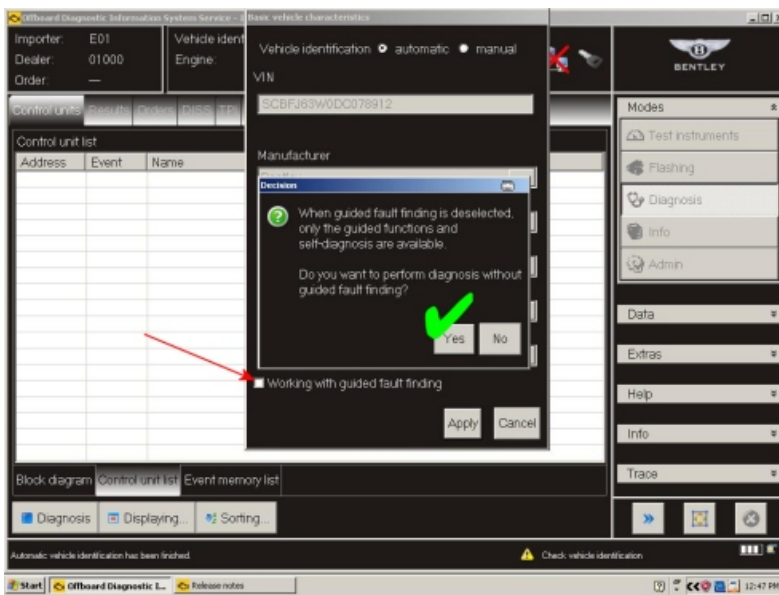


Figure 1

3. De-select *Working with guided fault finding* (see Figure 1)

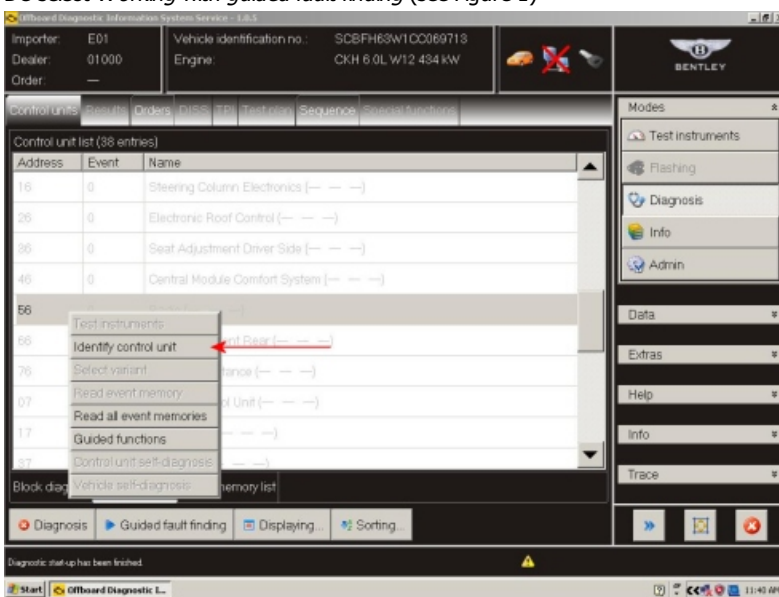


Figure 2

4. In Control units select 56 – Radio. Touch, hold then release the selected box to reveal drop down menu then select *Identify control unit* (see Figure 2)

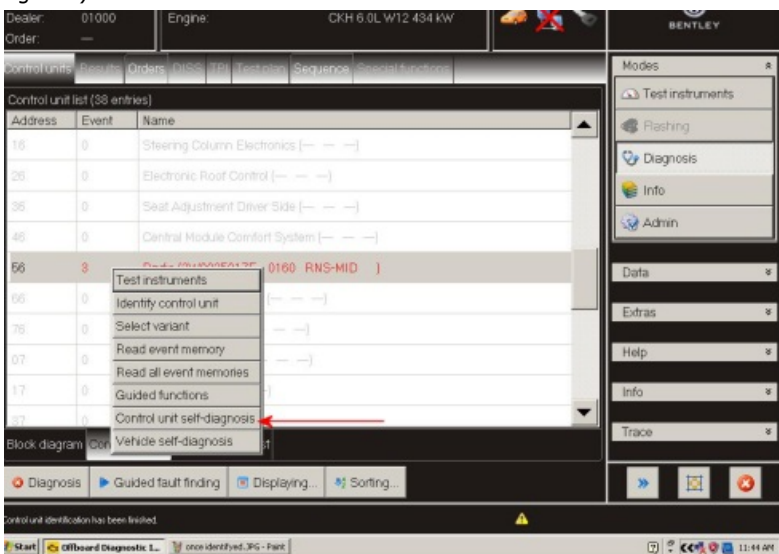


Figure 3

5. Once the control module has been identify by the diagnostic program touch, hold then release the selected box again to reveal drop down menu this time select *Control unit self – diagnosis* (see Figure 3)

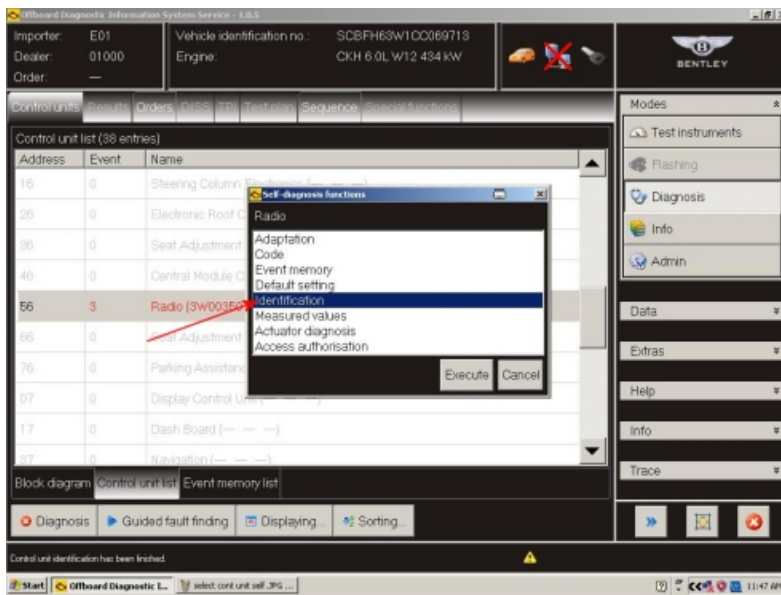


Figure 4

6. Select *Identification* and then *Execute* (see Figure 4)

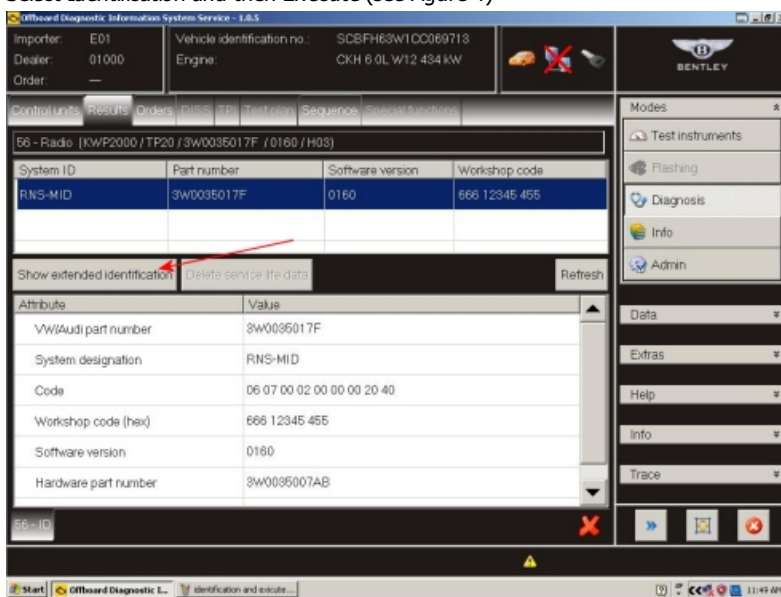


Figure 5

7. Select *Show extended identification* (see Figure 5)

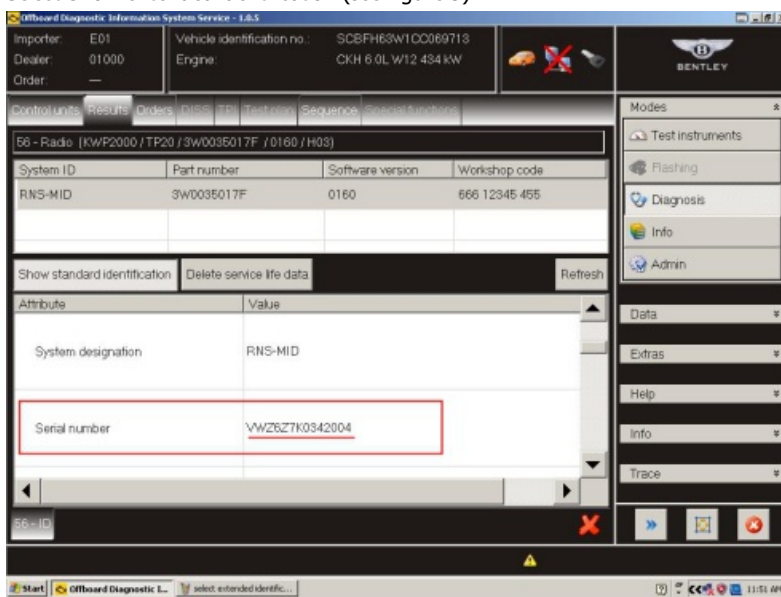


Figure 6

8. Scroll down to display the required 14 digit *Serial number* (CRIN) (see Figure 6)

Warranty

Warranty Type	910 or 110
Labour Operation Code	01 29 00 02 (for New Continental GT – GTC and Flying Spur) 01 29 00 00 (for Continental Flying Spur and Supersports variants)
Damage Service Number	91 10
Damage Code	02 02
Time	20 TU