

Technical product information

Topic	Convertible hood header latch fault
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2047335/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
Roof systems, special bodies -> Convertible roof, folding roof operation -> Electrically close soft top, folding roof	functionality -> defective function sequence	
Roof systems, special bodies -> Convertible roof, folding roof operation -> Electrically open soft top, folding roof	functionality -> defective function sequence	

New workshop code

Object of complaint	Complaint type	Position
Roof systems, special bodies -> Convertible folding roof -> Folding roof latching hook	functionality -> incorrectly adjusted	left
Roof systems, special bodies -> Convertible folding roof -> Folding roof latching hook	functionality -> incorrectly adjusted	right

Vehicle data

Continental GT Convertible

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
394*	2012	E		*	*	*
394*	2013	E		*	*	*
394*	2014	E		*	*	*
394*	2015	E		*	*	*
394*	2016	E		*	*	*
394*	2017	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Convertible hood would not complete open or closing cycle and or hood warning light displayed

Technical background

The design intent requires that both header latch mechanisms operated simultaneously. Unsynchronised latches may result in convertible hood functional failure and or hood warning light illumination.

Production change

N/A

Measure

In the event of convertible hood functional failure as described in *Customer statement* and or header latch Diagnostic Trouble Codes (DTC) such as VAG01996 then incorporate the following measure into your diagnostic procedure

▪ **Warning: There is no anti trap feature fitted to the linkage flaps, front header panel, tension bow or tonneau cover. Ensure all persons are clear of the mechanism, and there are no obstructions in the vicinity during the operation of the hood**

▪ **Caution: To avoid a clash of panels it is important that the luggage compartment and the tonneau cover assembly are not opened at the same time. One of these must be fully closed at all times**

The following procedure describes the operation being carried out on the left hand header latch the same operation must be carried out on the right hand latch



Figure 1

1. Use the power operated roof open and close buttons to partially open the roof so as to position the tonneau cover open and the latch mechanism fully closed (see Figure 1). Note: This must not be done manually

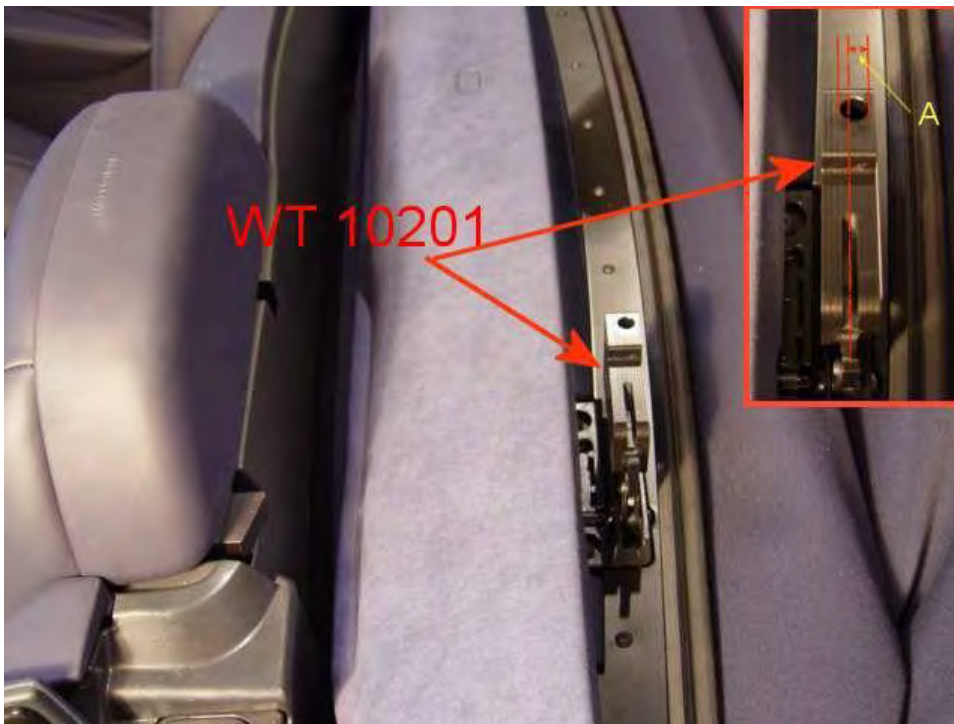


Figure 2

2. Position setting tool WT10201 onto the header latch so that the guide pin hole offset (A) is towards the luggage compartment (see Figure 2)

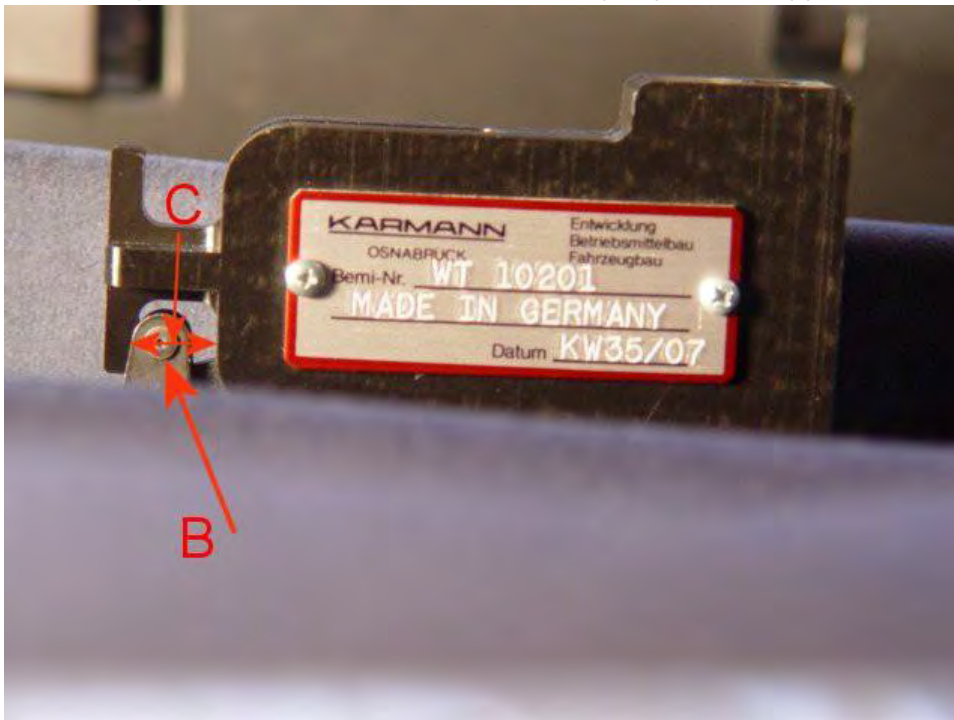


Figure 3

3. With the setting tool positioned on the guide pin the rolllink (B) should fit into area (C) of the gauge (see Figure 3)

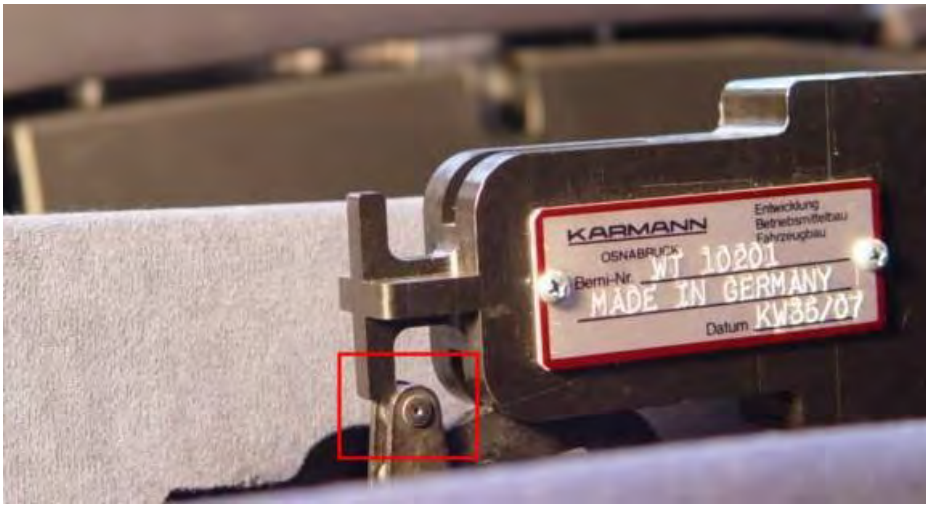


Figure 4

4. If the roll link fits into the gauge no further action is required in respect to this TPI. The cause of the fault is not due to header latch setting continue with your investigation
5. If the roll link does not fit the gauge as in figure 4 then carry out the following operations to adjust each latch until the gauge fits
6. Remove the front header trim panel. Refer to "Front header trim panel - To remove and fit". Rep.Gr 61



Figure 5

7. Use the power operated roof open and close buttons to partially open the roof so as to position the tonneau cover open and the header latch mechanism fully closed (see Figure 5). Note: This must not be done manually



Figure 6

8. Remove the retaining clip from the ball joint and separate the ball joint (see Figure 6)

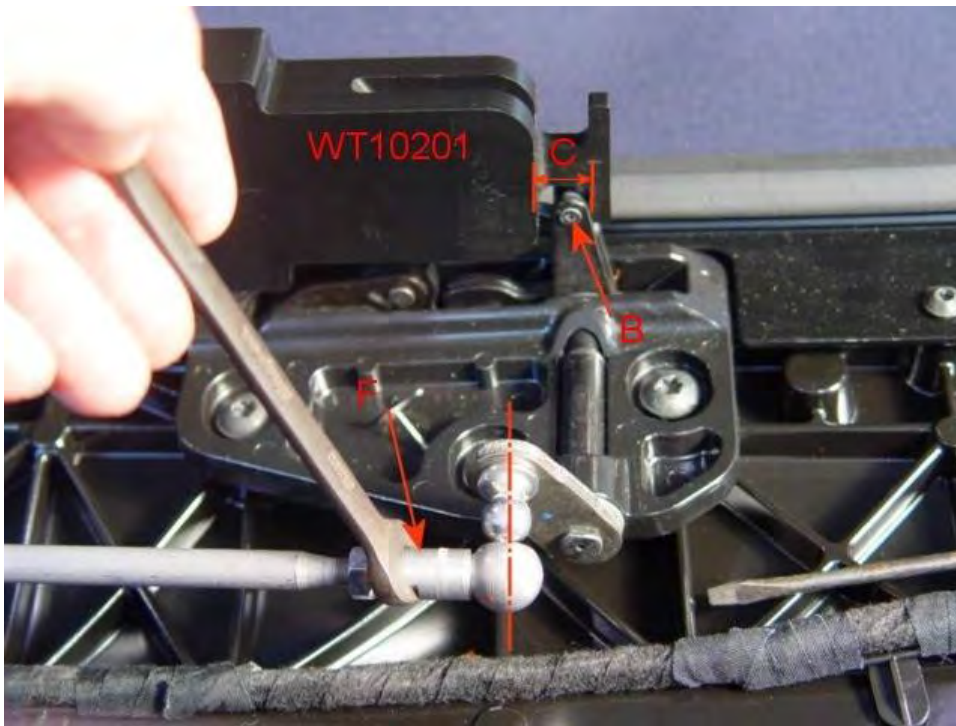


Figure 7

9. Referencing figure 7 position setting tool WT10201 onto the header latch so that the roll link (B) fits into area (C) of the gauge
10. Slacken the ball joint lock nut and adjust the rod end (F) so it fits centrally onto the ball end on the latch (see Figure 7)
11. Tighten the ball joint lock nut
12. Remove and then refit the setting tool WT10201. Check the roll link still fits into area (C) of the gauge. Carry out operation 10 to re-adjust the ball joint as required
13. Ensure the locking nut is tight before refitting the ball joint retaining pin (see Figure 6)
14. Carry out the complete process on the right hand header latch
15. Refit the front header trim panel. Refer to "Front header trim panel - To remove and fit". Rep.Gr 61
16. Cycle the convertible roof checking for correct operation



Figure 7

Hint: Manual unlatching / latching key (3). The key should always be in the open state, red handle (B) turned anti clockwise to the stop, whenever the key is being engaged into or released from the hood system. Rep.Gr.61 Manual unlatching / latching key - configuration

Parts information

N/A