 Connection offline

Technical product information

Topic	Continental GT and GTC boot lid adjustments
Market area	Worldwide Bentley (1WBE)
Brand	Bentley
Transaction No.	2033742/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
Body fixtures and fittings -> Door, closures operation -> Rear lid power latching	functionality -> without function / defect	
Body fixtures and fittings -> Door, closures operation -> Close rear lid	functionality -> cannot be closed	
Body fixtures and fittings -> Doors, closures	functionality	
Body fixtures and fittings -> Closures	Noise, vibration	
Body fixtures and fittings -> Door, closures operation	functionality	
Body fixtures and fittings -> Closures	dimensional accuracy	

New workshop code

Object of complaint	Complaint type	Position
Body fixtures and fittings -> Closures -> Rear lid	Noise, vibration -> noise	
Body fixtures and fittings -> Closures -> Rear lid	functionality -> incorrectly adjusted	

Vehicle data

Continental GT and GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
39**	2012	E		*	*	*
39**	2013	E		*	*	*
39**	2014	E		*	*	*
39**	2015	E		*	*	*
3W**	2004	E		*	*	*
3W**	2005	E		*	*	*
3W**	2006	E		*	*	*
3W**	2007	E		*	*	*
3W**	2008	E		*	*	*


3W**	2009	E		*	*	*
3W**	2010	E		*	*	*
3W**	2011	E		*	*	*
3W**	2012	E		*	*	*
3W**	2013	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	*	3W	*	*	*	020001	999999		
SCB	*	ZA	*	*	*	020001	999999		

Documents

Document name
master.xml

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Technical product information

Transaction No.: 2033742/1

Continental GT and GTC boot lid adjustments

Customer statement / workshop findings

IMPORTANT: It is highly recommended that before commencing with this TPI you raise a DISS ticket as detailed in the TPI with the Transaction number 2033717/1 and await feedback from your TSC before carrying out any repairs as this TPI may not be the correct remedy for your particular boot issue.

Technical background

This TPI has two Sections:

- Section 1 should only be applied if the boot lid fails to latch
- Section 2 is applicable to Continental GTC vehicles only, which exhibit the following symptoms:
 - The boot lid is fully latched however the boot open warning light is still illuminated in the DIP (Figure 1) or the boot latches and re-opens, the process in Section 2 describes how to adjust the boot lid overload switch.

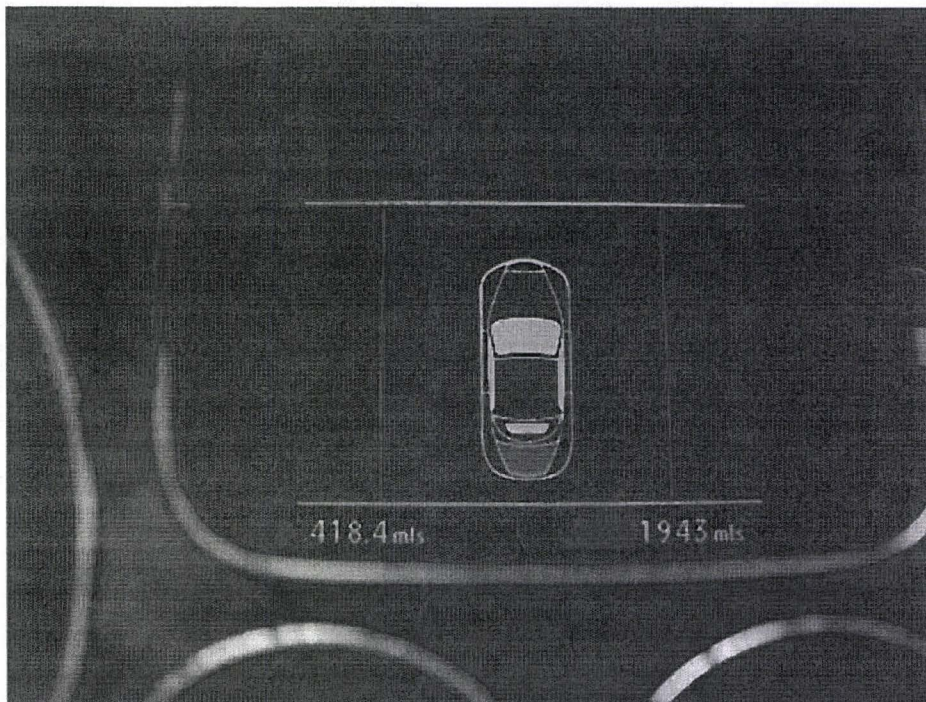


Figure 1

Production change

-

Measure

Section 1 – Power Boot Lid Adjustments

The scope of this procedure:

-**NOTE:** The following procedure explains how in service to check and adjust the boot lid close system should the boot lid fail to latch after the power boot close switch is pressed, before any adjustments are made the following test must be carried out as this will eliminate any problems with the power close motor and will simulate the last 4 inches of drop which is gravity controlled

-Open the boot lid and then manually lower the boot lid until it rests on the first point of resistance usually the (seal/striker) rest a 2 Kg weight (2 litres of water as shown in Figure 2) on the boot lid above the latch having first protected the paintwork

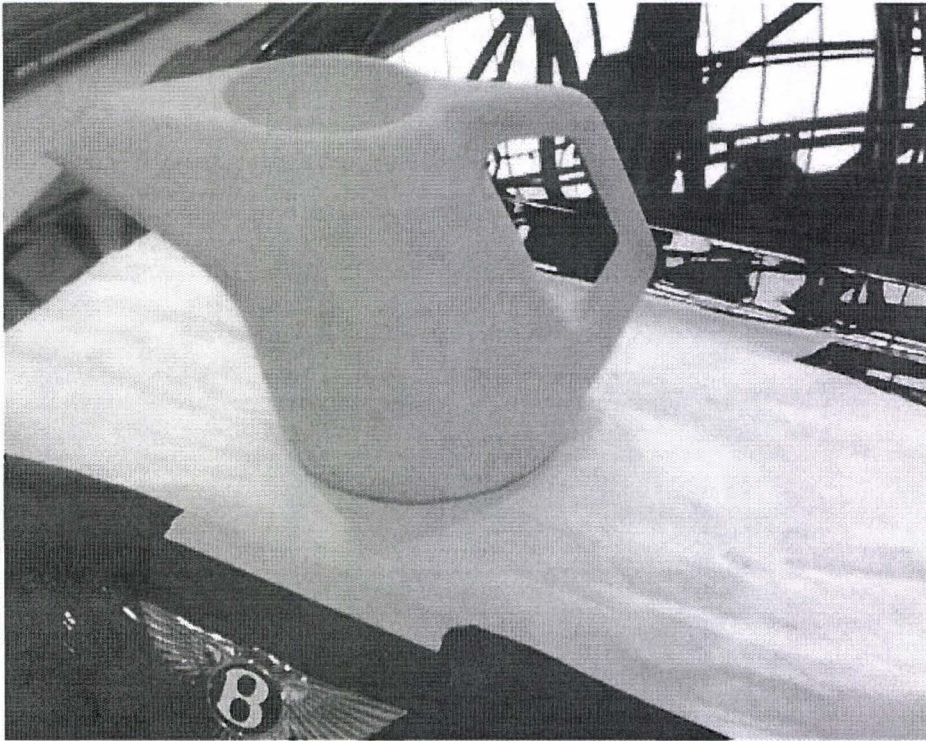


Figure 2

-If the boot does not latch with the 2Kg weight there is an excess of mechanical resistance in the system. The following procedures explain how to reduce it to achieve power boot close to latch

-If on application of the 2Kg weight the boot closes, this indicates there is no excessive mechanical resistance in the system, therefore the fault will be elsewhere and the procedures within Section 1 of this TPI do not apply

Procedure:

NOTE: Before any adjustments are made, the car must be resting on its wheels and on level ground

1. Lift up the boot lid and ensure the boot seal is fully engaged onto the seal flange if necessary correct this by pushing the seal firmly down onto the seal flange or use a suitable mallet which will not damage the seal

- Check the condition of the seal once fully seated,
- Check for any irregularities to the seal

2. Mark the left hand hinge with a clay pencil around the top edge and loosen the left hand hinge M8 retaining bolts (when the bolts are loosened ensure the boot lid does not drop (Figure 3) and allow

the hinge to relax and find its own natural resting position

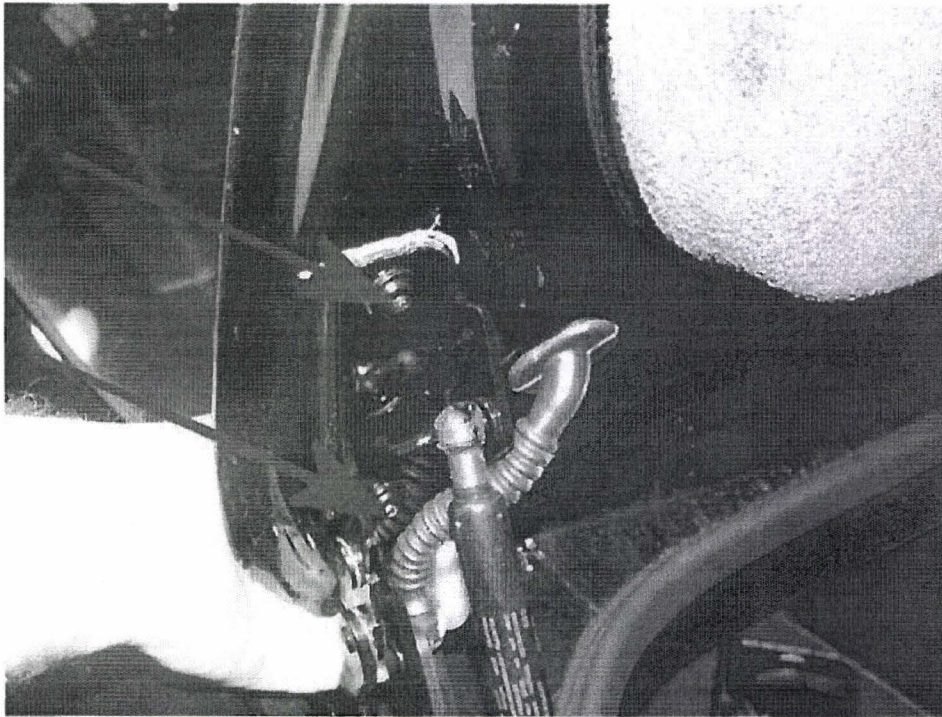


Figure 3

3. When the hinge is in its fully relaxed position torque tighten the M8 retaining bolts, Refer to the workshop manual - Rep.Gr 55 - Bonnet, flaps, cab, central locking for the correct torque values

4. Repeat procedures 2 and 3 on the right hand boot hinge

5. Lubricate the boot striker roller and both boot hinges with tri-flo or similar and work this into the hinges by manually moving the boot lid up and down

6. Test close the boot using the power close button, the boot lid should now drop to the striker and once there continue to close under its own momentum if successful go to procedure 7, if it is not successful go to procedure 8

NOTE: Due to the hinge adjustments made the boot may be slightly compromised

7. Touch in paint on and around hinges and bolt heads as required, close the boot lid and check the vehicle central locking system for full operation

NOTE: Vehicles fitted with a rear aerofoil the operation should now be checked for any fouling to the boot lid and backlight during its opening and closing procedure

8. Check the latch/striker alignment, apply French chalk around the pawl area (Figure 4) and close the boot lid, re-open the boot and check to see if the striker has contacted the side of the latch cover prior to latching and adjust the striker as required

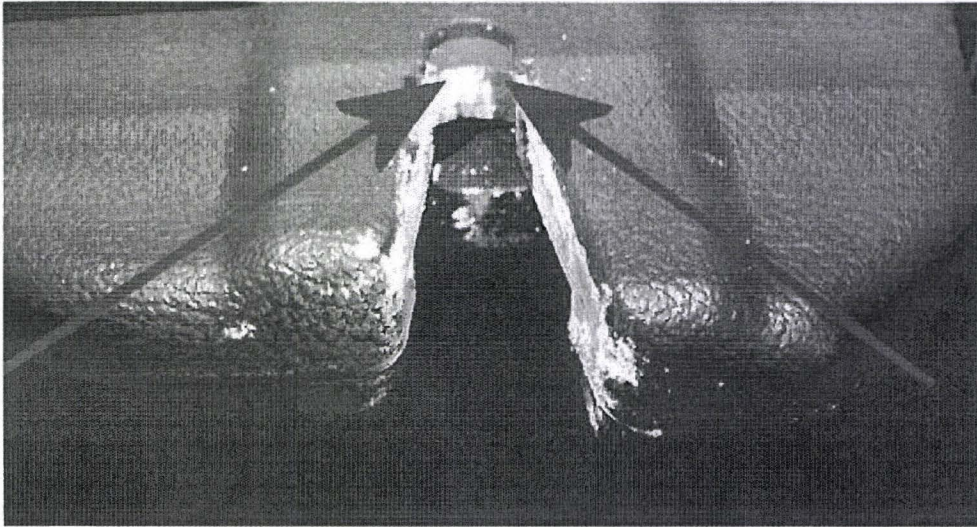


Figure 4

9. Adjust the striker using special tool 3320/3, The striker securing bolts are located directly below the boot striker paddles

10. The striker should be adjusted to the upper most position and also must be central, torque the M8 bolts - Refer to the workshop manual - Rep.Gr 55 - Bonnet, flaps, cab, central locking for the correct torque values

11. Touch in paint on and around the hinges and bolt heads as required, check the vehicle central locking system for full operation

NOTE: Vehicles fitted with a rear aerofoil, the operation should now be checked for any fouling to the boot lid and backlight during its opening and closing procedure

Section 2 – Convertible boot overload switch adjustment

1. Check if the warning in the DIP extinguishes when light downward pressure is applied to the centre foremost part of the boot lid (Figure 5) take extreme care not to damage the boot lid

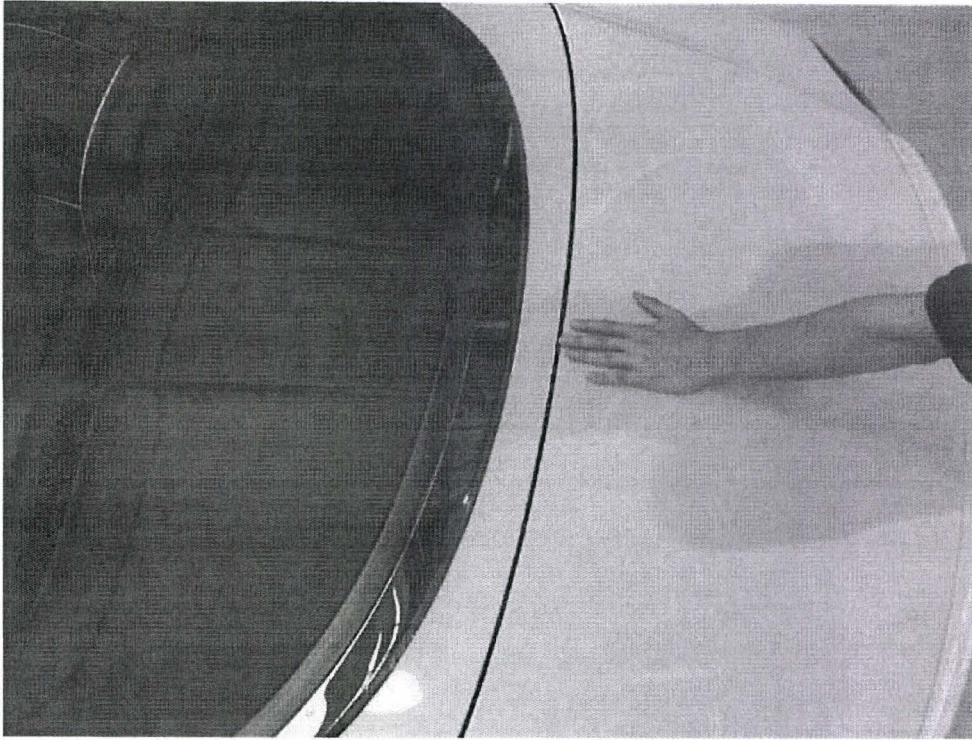


Figure 5

- If the light extinguishes this indicates the overload switch has activated
- The overload switch should be adjusted with the boot closed and the hood is fully stowed positioned the tonneau cover in the service position (Figure 6)

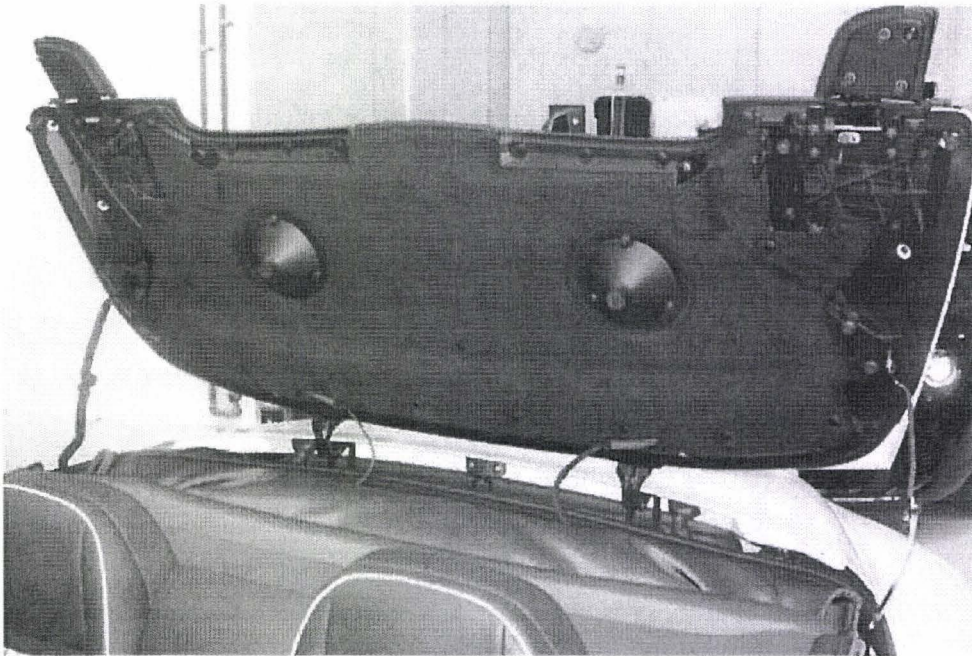


Figure 6

CAUTION: Before commencing work on the vehicle :

- Switch of all electrical consumers

-Switch off ignition

-Remove ignition key

2.Remove the airbag fuse - Refer to the Workshop Manual Rep.Gr 69

- Check the tonneau cover is secure against the left and right hand lock stops on the hinge mechanism (Figure 7) for clarity Figure 7 shows the left hand lock stop

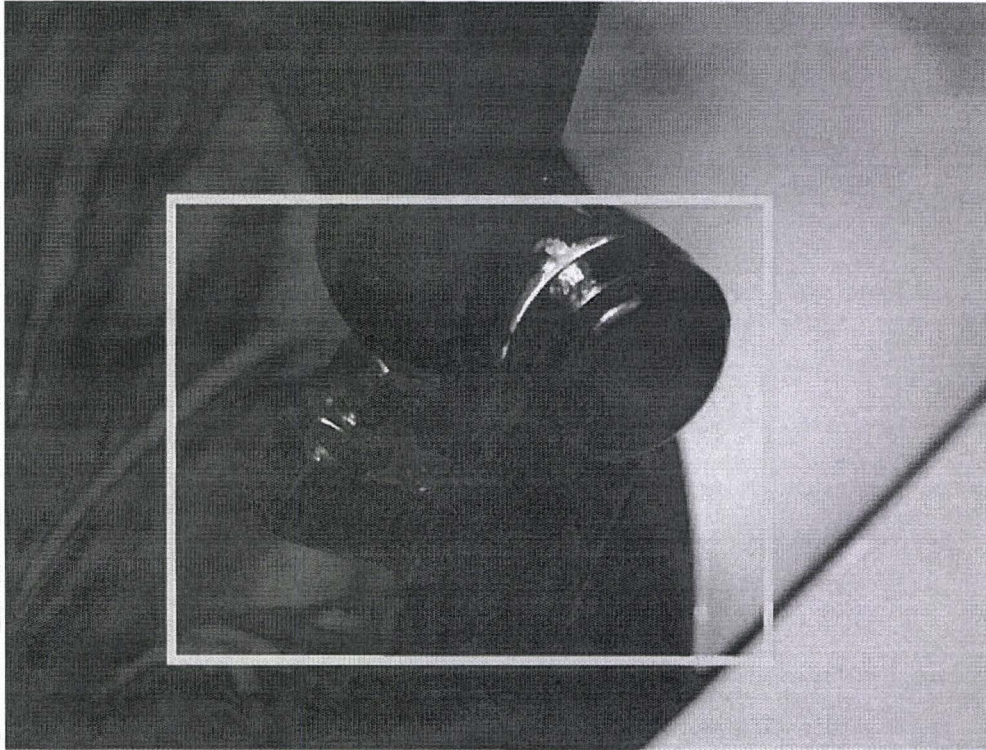


Figure 7

-Referring to Figure 8, slacken the two fixing screws (point A)

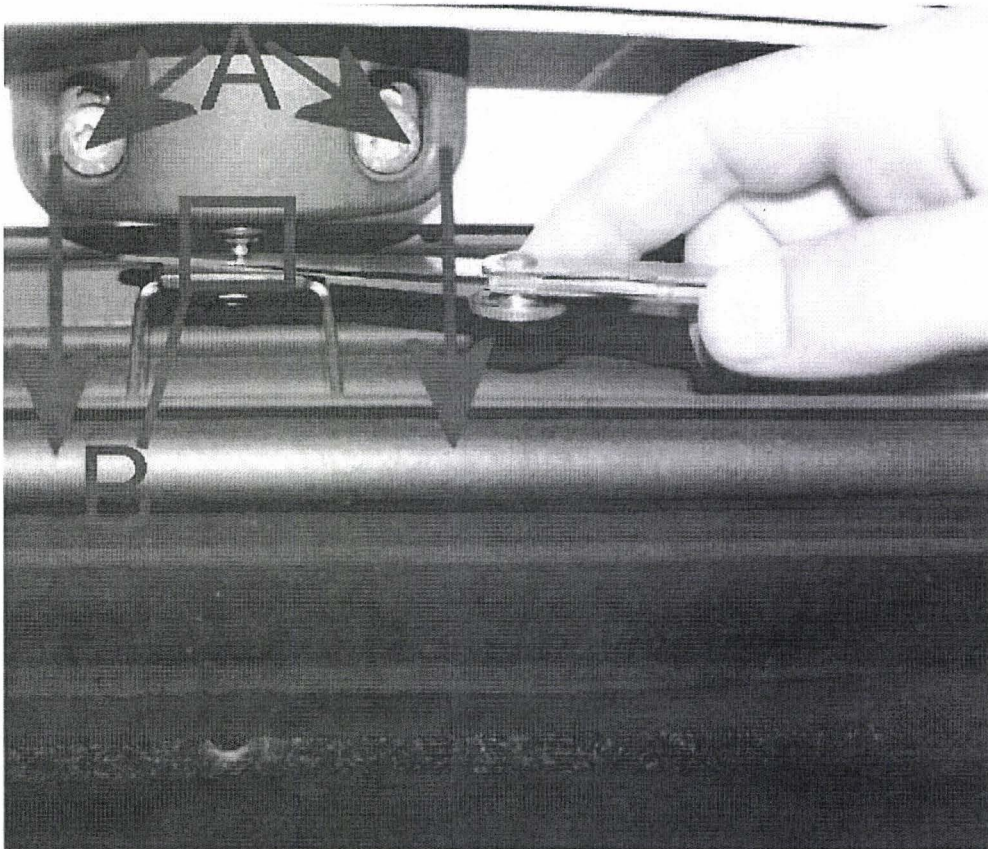


Figure 8

-Insert feeler blades measuring 0.85 mm (Figure 8 point B) between the plunger and the stop and move the switch downwards

-The shoulder of the switch should contact the feeler blades, at this point the switch plunger should not be visible (Figure 9)

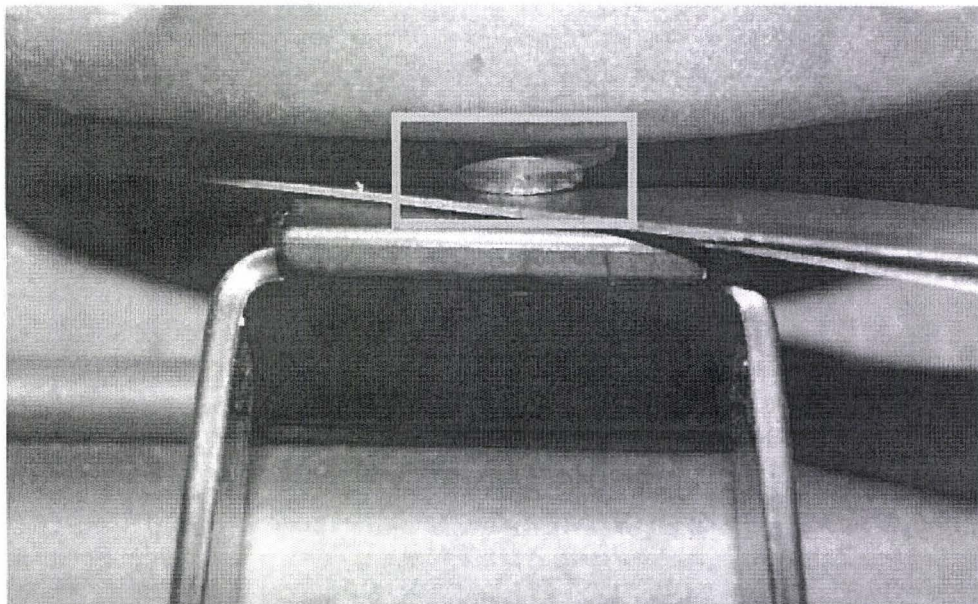


Figure 9

-Torque tighten the fixing screws to 3.5Nm (Figure 8 point A)

-Remove the feeler blades and close the tonneau cover

-Check the full operation of the boot and the hood

3.Refit the airbag fuse the airbag fuse - Refer to the Workshop Manual Rep.Gr 69