

014_BUGCS014_Software_Update_VR17.2_v1.4.docx

1. Applicability

Bugatti Chiron and derivatives

2. VIN range

- Refer to point 7
- Contact your Bugatti Local ASM (Aftersales Manager).

3. Market Region

All ☒			
North America ☐	Middle East ☐	Europe ☐	Japan ☐

4. TPI content

Vehicle Software update to latest homologated specification.

5. Description

New Software package is available to fix minor bugs and add new workshop diagnostic functionalities. Details of impacted control units are listed below, may depend on vehicle level at delivery date.

Specific to the North American market, a Label has to be added on the TD-Box and a sticker being added into the owner manual.

6. Required Special Tools/Parts

Tool 1 : Remote case - Specific Bugatti equipment including diagnostic Laptop and cables to update Electronic Control Units (ECUs)	
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Warning:

Comply with the vehicle preparation measures for maintenance and repair procedures. Refer to the official Workshop Manual, "General instructions about the vehicle".

If in any doubt regarding this procedure, contact your Bugatti regional service manager.



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7. Bug fix and functionalities improvements details

Full scope of potential control unit to be updated

Control Unit	SW level	Improvement
01-11: Engine Controller	1411 1711 (JPN) BIS II: 1801	Several minor bug fixes and improved stability of the Software
09: BCM	0120	Correct a wrong fault indication
17: Kombi SG	302	Improved diagnostic of wrong cable and stuck display
19: Gateway	8440 1103 18V11.00F	Enable seat controller registration by ODIS
19 : LBB (battery)	425	SOC management improvement
47 : Verstärker Plus	6912	
5F: BADR	0191	Arabic Text Language added
65: RDKS	0736	Time out trigger optimized
74: WWCU	0020	Correction of a wrong fault indication text
AE: TDBox2 (Telemetrie)	0212	GPS week rollover bug fix



8. Procedure

8.1. Technical Recommendation for SW update

Two ways to perform the vehicle SW update:

1. Bugatti Customer Service employee from Molsheim
2. Any Official Bugatti Partner equipped with “Remote Case”, remotely assisted by “Bugatti Customer Service Team”.

The “Remote Case” is a specific Bugatti Customer Service equipment provided for a limited period of time, on request, which must be addressed to your Local ASM (Area Service Manager)

8.2. SW update with Remote case:

After receiving the “Remote case”, an appointment has to be defined with Bugatti Customer Service Team for a duration of up to 14 hours (can be split due to time difference with Molsheim)

Prior to the agreed appointment, the Official Bugatti Partner will organize the following:

- Vehicle availability
- Workshop place with clearance to open both doors
- Vehicle setup according to the Chapter 2 of the “Remote case Reference guide”

During the agreed appointment, the Official Bugatti Partner will insure continuity of the following:

- Technician availability at the car
- Internet connection
- Vehicle Power supply (As per Official workshop manual: Connecting the supply voltage device)

8.3. Label installation for USA, ME & FE configuration

A specific certification label, available at your Local ASM has to be brought on the TD Box as shown in the next picture (on the left side of the Box):



Figure 1 : General position of the TD Box in the car



Figure 2 : Cut the label to adjust its size



Figure 3 : Positioning of the certification label

A picture of the label on the TD box has to be sent to your Local ASM or attached to a Technical ticket.

8.4. Owner manual modification (only for USA)

A new “Double page n°275” has to be glued over the original page n°275; following these instructions:

!!! This procedure isn't a “simple gluing”, read it once before undertaking to apply it !!!

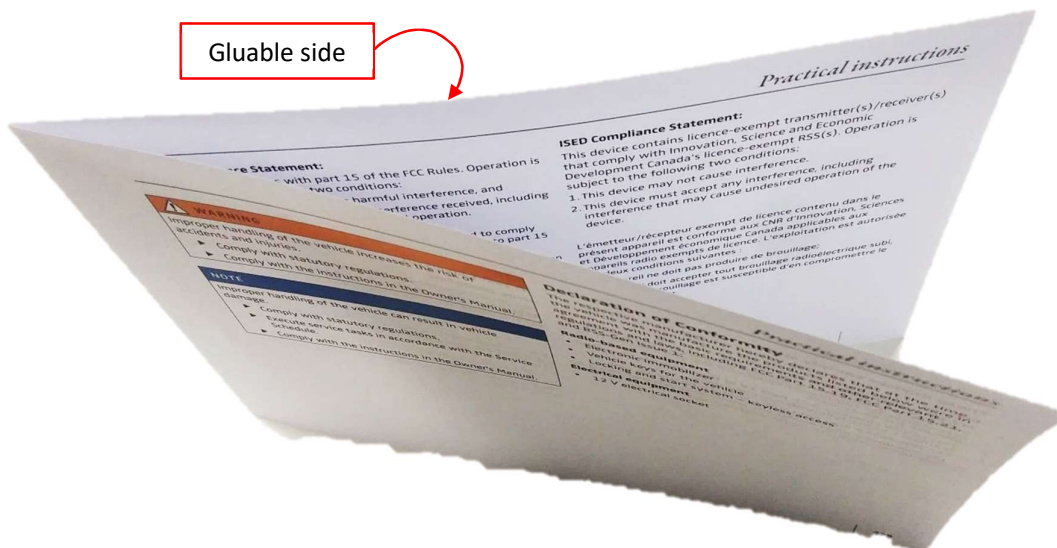


Figure 4 : New gluable double page n°275

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1. Lift up and fold back the first centimetre ($\frac{1}{2}$ inch) of the protective sheet, on the book-binding end (see next picture).



Figure 5 : Partial ungluing of the protective sheet

2. With the gluable side of the new sheet facing you, place it in a way to ensure it is fitted as far as possible in the book-binding, as shown in the following pictures

!!! Before sticking the pages, make sure the text is in the good direction !!!

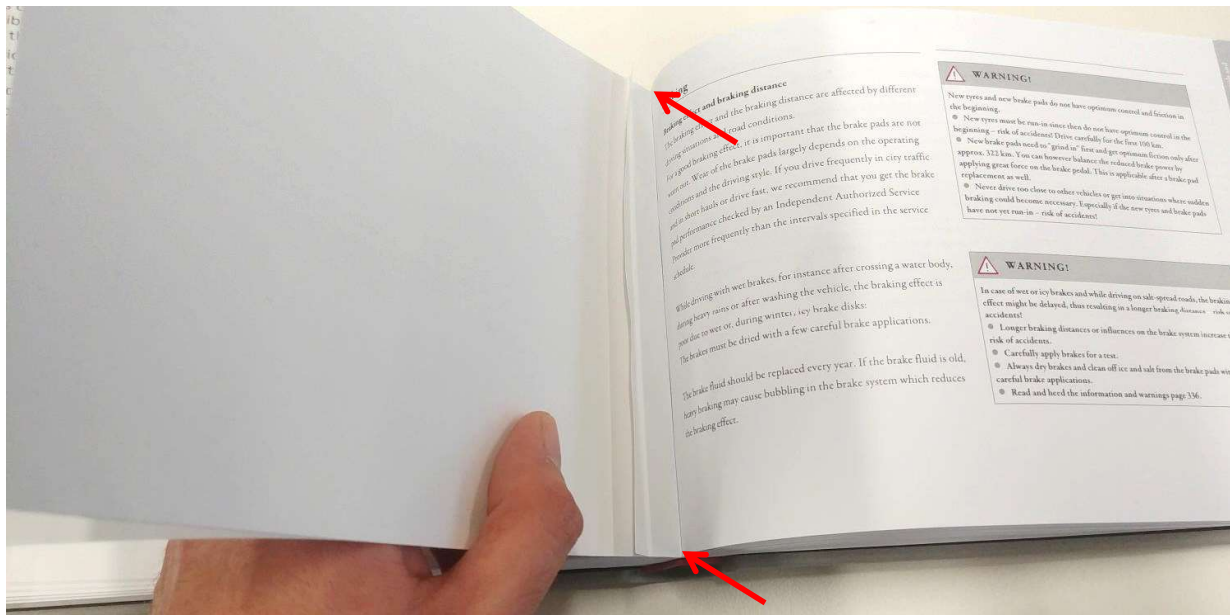


Figure 6 : Positioning of the new sheet in the book (Front view)

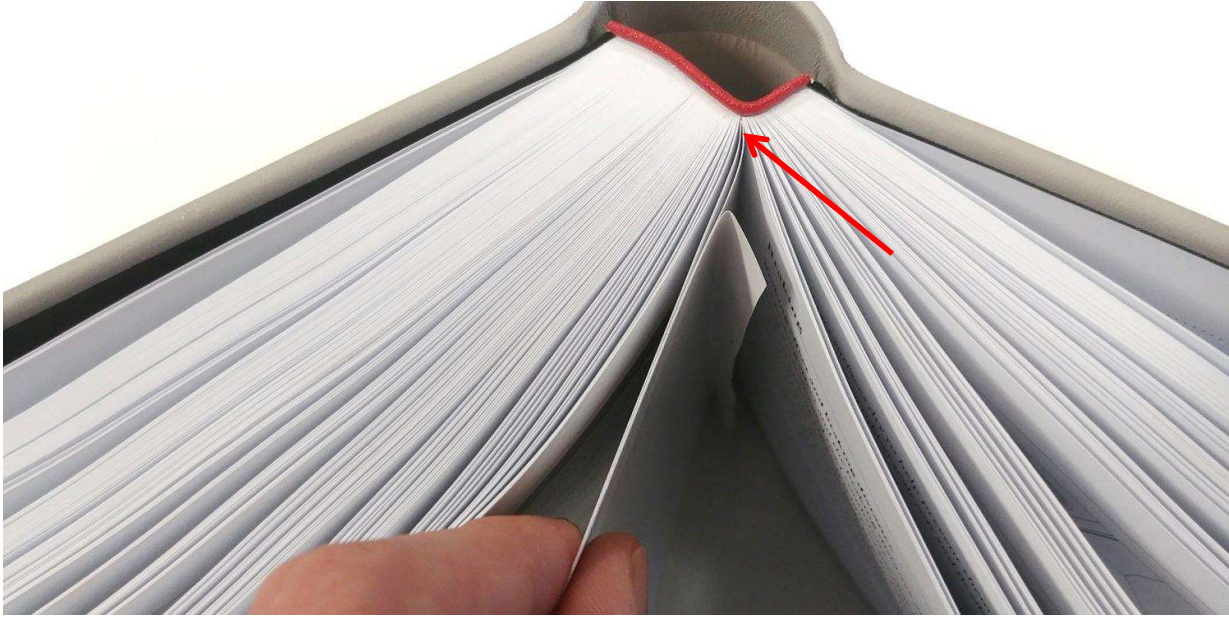
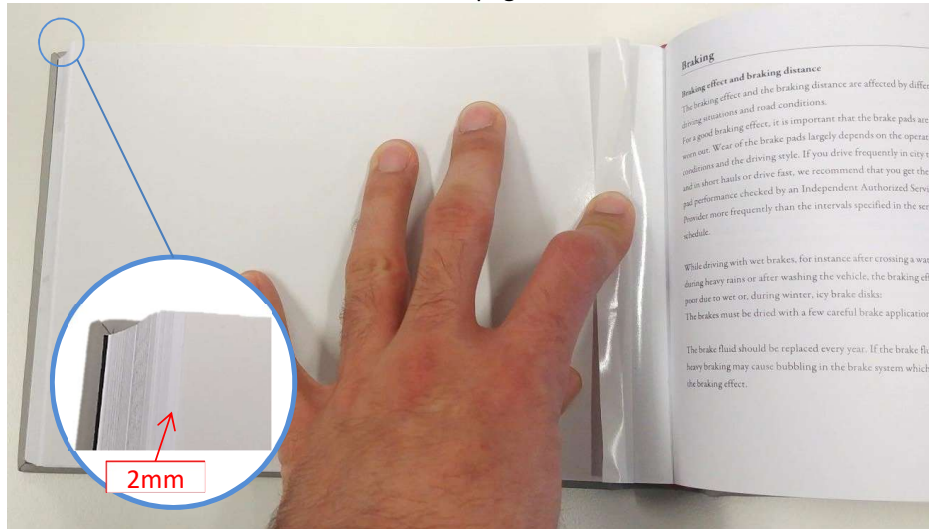


Figure 7 : Positioning of the sheet in the book (Side view)

Firmly maintain the page on the book, still ensuring it is as close as possible in the book-binding and fitting on the sheets under it.

The new Page 275 should be a few millimetres **shorter** than the original page.

A gap of about 2mm should exist on the outside of the page.



Still ensuring the sheet is fitting in the book-binding (1), fold down the page over the gluing side of the new sheet (2) while taking out the protective sheet of the gluing side (3).

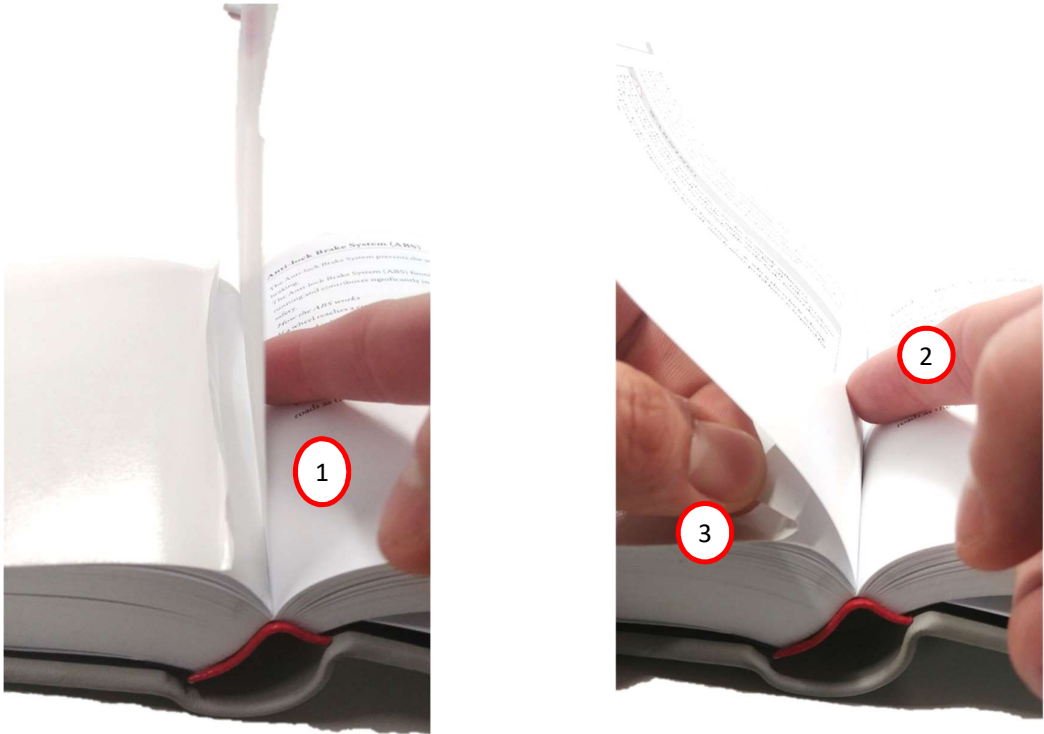


Figure 8 : Gluing procedure



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<u>Operation</u>	<u>Defect Code</u>	<u>Repair Code</u>	<u>Time</u>
Control Unit SW Update	--	BUGCS014/1	0.5 hrs/CU
Control Unit SW Update (Engine, Gearbox, BADR, Kombi, Gateway , KBT)	--	BUGCS014/2	2 hrs/CU
Only for USA Label + Page	--	BUGCS014/3	0.5 hrs

Warranty information

Bugatti Bulletins are intended for use by experienced and trained technicians. If you lack the skills, tools, equipment and a suitable workshop for any procedure described in this document, we suggest you leave such repairs to an Authorized Bugatti Partner. See your Bugatti Partner for advice on whether your vehicle may benefit from the information contained within this document.

The information contained in this Bulletin is accurate at the date of publication. However, Bugatti Automobiles S.A.S. regularly updates technical information. Please check with your Bugatti Partner that the Bulletin you intend to use contains the latest available information.

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Technical Product Information versions history		
Version	Modification	Author
V1.2	Creation of the file	F.Daul
V1.3	File modification	L.Sandt
V1.4	Label amended	L.Sandt

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9. VIN range

Not applicable