



033_BUGCR033_Software_Update_VR17.4_VR3.2.docx_or_VR3.2

1. Applicability

Bugatti Chiron & Divo

2. VIN range

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

3. Market Region

All <input checked="" type="checkbox"/>			
North America <input type="checkbox"/>	Middle East <input type="checkbox"/>	Europe <input type="checkbox"/>	Japan <input type="checkbox"/>

4. TPI content


Vehicle Software update to latest homologated specification.

5. Description

New Software package is available due to a non-compliance with FMVSS 126 and ECE R13H regarding the ESC system (Electronic Stability Control). The ESC System does not switch back to fully functional mode after switching off and then switching back on the vehicle ignition when the handling mode is selected on steering wheel. It also fix minor bugs and add new workshop diagnostic and service interval indication functionalities. Details of impacted control units are listed below, may depend on vehicle level at delivery date.

A Label has to be added into the owner manual.

6. Required Special Tools/Parts

<p>Tool 1 : Remote case - Specific Bugatti equipment including diagnostic Laptop and cables to update Electronic Control Units (ECUs)</p>	
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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.



7. Bug fix and functionalities improvements details

Full scope of potential control unit to be updated

Control Unit	SW level	Improvement
17: Kombi SG	403	Display improvement and service interval functionality added
55: Rear Light CU (only for Divo)	016	Software updated to minor bug fix
74: WWCU	Chiron: 023 Divo: 101	Software updated to apply the standard FMVSS 126 and ECE R13H

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 2 hours.

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”
- Owner Manual and Service Manual availability

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. Manual modification

8.3.1. Owner manual modification Chiron & Divo:

A new Label has to be glued over the original text on the page described below:

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

Language Version	Owner manual	
	Chiron	Divo
German	Page.128	Page.125
French	Page.131	Page.126
Rest of the world	Page.127	Page.122
Arabic	Page.127	Page.116
Japan	Page.128	-
United States	Page.140	-

i If the rotary knob 1 (» Fig. 65) is in Handling mode at engine start, this mode cannot be activated (a text warning appears on the display). Thus, the vehicle will automatically be in Autobahn mode. Handling mode can only be reactivated after changing over to a different drive program again (Automatic mode or Autobahn mode).

Figure 1 : Label to be glued in the owner manual

1. Identify the page where the label has to be installed
2. Remove the protection fold and glue properly the label

8.3.2. Service manual modification Chiron & Divo

A new Label or new "double page" has to be glued over the original text on the page described below:

**the page mentioned below in blue need to be replace with new gluable double page*

Language Version	Service manual	
	Chiron	Divo
German	Page.54	Page.52
French	Full page.55	Page.52
Rest of the world	Full page.54	Page.52
Arabic	Page.54	Page.52
Japan	Page.54	-
United States	Full page.54	-

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

Handling mode

Rotate the control dial 1 (» Fig. 27) to the position to activate the handling mode.

The chassis and the rear spoiler will be in handling mode at any speed.

The Electronic Stability Programme ESP (ESC) is only active to a limited extent in handling mode. The indicator lamp lights up.

Furthermore in handling mode, sportier coordination of the steering, the electronically controlled shock absorber system, the all-wheel drive and the electronically controlled differential lock are activated. If one of these systems is not able to execute Handling mode, then Handling mode is aborted. The change in the driving programme is shown in the display.

NOTE

In handling mode, the chassis is lowered to a lower position. This limits the ground clearance.

If the control dial 1 (» Fig. 27) is in Handling mode at engine start, this mode cannot be activated (a text warning appears on the display). Thus, the vehicle will automatically be in Autobahn mode. Handling mode can only be reactivated after changing over to a different drive programme again (Automatic mode or Autobahn mode).

Lift mode

Rotate the control dial 1 (» Fig. 27) to the position to put the vehicle in lift position.

The control dial automatically returns to the position.

The height of the vehicle can be elevated to the upper end stop for loading or manoeuvring.

Lift mode can only be triggered when the vehicle is at a standstill.

WARNING

Injury can be caused when extending and retracting the rear spoiler system if people are in the vicinity of the vehicle.

- ▶ Only extend and retract the rear spoiler system if nobody is in the immediate vicinity of the vehicle.

NOTE

Never push the extended rear spoiler back in manually. The rear spoiler or the rear spoiler system can be damaged.

NOTE

If stance mode is activated, then the vehicle is lowered to a low parking position even in the lift mode.

Lift mode is deactivated by the control dial at driving speeds above 50 km/h (31 mph).

Please also pay attention to the descriptions and information in the Owner's Manual.

Figure 2 : Page to be glued in the service manual

If the rotary knob 1 (» Fig. 65) is in Handling mode at engine start, this mode cannot be activated (a text warning appears on the display). Thus, the vehicle will automatically be in Autobahn mode. Handling mode can only be reactivated after changing over to a different drive program again (Automatic mode or Autobahn mode).

Figure 3 : Label to be glued in the service manual

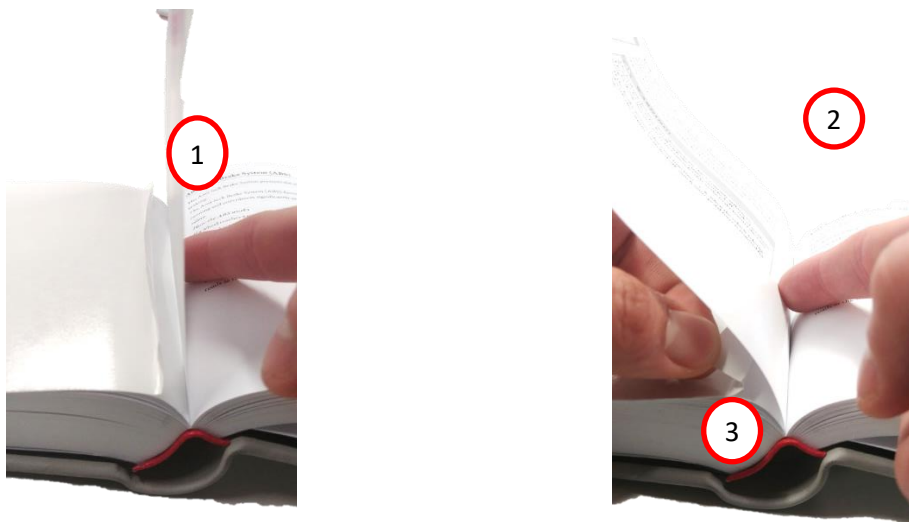


Figure 4 : Gluing procedure

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



<u>Operation</u>	<u>Defect Code</u>	<u>Repair Code</u>	<u>Time</u>
Control Unit SW Update (Cluster, Chassis CU)	--	BUGCR033/1	0.5 hrs/CU
Label in the Owner Manual	--	BUGCR033/2	0.1 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	L.Sandt



9. VIN range

VIN				
VF9SP3V37HM795007	VF9SP3V39JM795046	VF9SP3V30KM795163	VF9SP3V33KM795223	VF9SP3V3XLM795298
VF9SP3V37HM795024	VF9SP3V36JM795053	VF9SP3V32KM795150	VF9SP3V38KM795234	VF9SD3V34LM795001
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