

V O L V O

VOLVO BUSES CUSTOMER PORTAL

VOLVO CONNECT

Workshop services

Workshop services

You reach Workshop services by clicking on the widget called Workshop services on the Volvo Connect dashboard

VOLVO Shopping cart Notifications Menu Electromobility HJ

[Edit](#)

News

2022-03-29
Volvo Buses provides 564 new buses for Santiago

2022-03-20
Irizar delivers 1,000th unit to Kangaroo Bus Lines in partnership with Volvo Bus Australia

[See all news](#)

Assets

Manage all your vehicles in one tool. The Assets tool will notify you when one of your vehicles needs attention.

[Open Assets](#)

Vehicle Status

Affected vehicles
2 of 5 with service
1 alarms and 1 warnings

B0E-100000
1 alarms and 0 warnings [View](#)

B5LH-100000
0 alarms and 1 warnings [View](#)

Workshop Services

Get an overview of the health of your fleet, view your DTCs remote, find information to plan and perform maintenance and repair and update software.

[Open Workshop Services](#)

Map

Real-time updates on the vehicle's location, driver information, traffic information and more make it possible for the transport planner to stay in total control at all time.

[Open Map](#)

Reports

Get better knowledge and insight into important aspects of your company. Here you can access reports that analyze the performance of your fleet and drivers.

[Open reports](#)

Workshop History

Follow up on your Volvo workshop visits and see the details about what has been done to your vehicles.

[Open Workshop History](#)

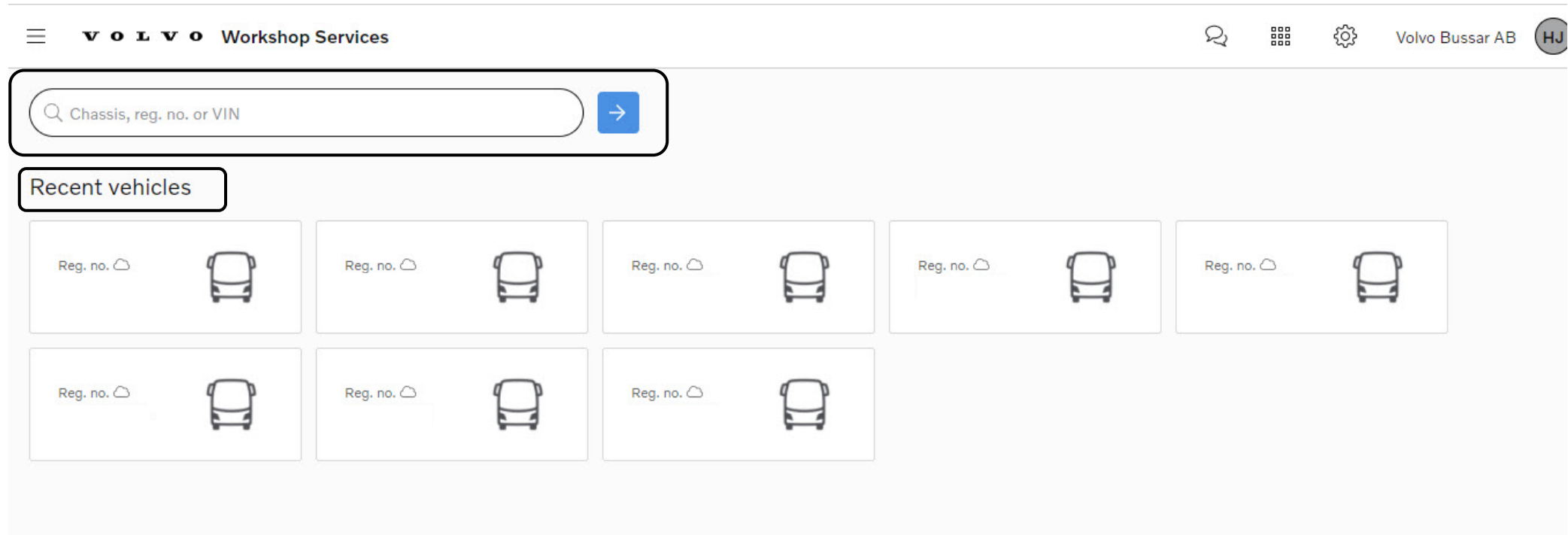
Calendar

Keep track of your maintenance schedules, workshop bookings and other vehicle-related activities. The calendar helps you plan your operations.

[Open Calendar](#)

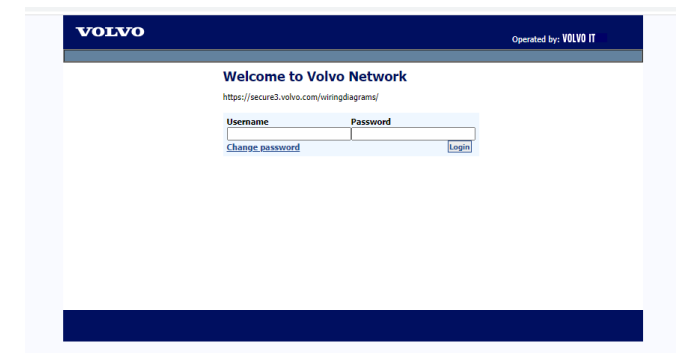
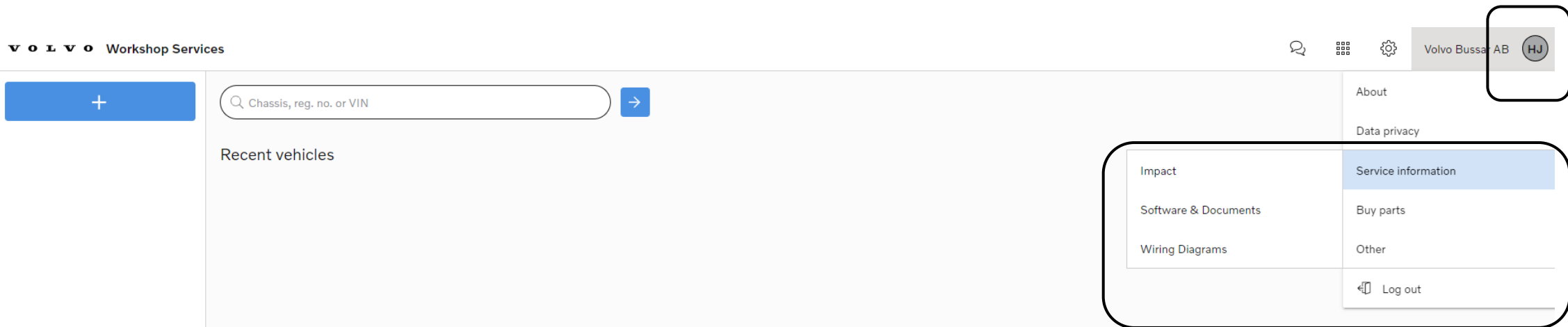
Workshop services

In workshop services you can search on chassis, reg number or VIN . Recently viewed vehicles will show up on the dashboard.



Workshop services

You can find links to Volvo systems by clicking on the user menu. Some of the system might require another login, if you have access you should use your Volvo ID & password.



Workshop services

The vehicle page contains general vehicle information and three diagnostic trouble code widgets + service information link widget. The DTC widgets are only available if you have that service activated. Please contact your Volvo representative if you are interested to get it.

The screenshot displays the Volvo Workshop Services interface. The top navigation bar includes the Volvo logo, the title 'Workshop Services', and user information 'Volvo Bussar AB' with a profile icon 'HJ'. The main content area is divided into several sections:

- DTC (Diagnostic Trouble Code) widget:** Shows '0 DTCs' with a 'just now' timestamp.
- DTC library widget:** Represented by a book icon.
- Vehicle information section:** Features a bus icon and the title 'Volvo Buses B9R'. It contains a table of vehicle details:

Chassis ID	VIN
B9R	YV3SE
Reg. no.	Unit no.
CM	-
Product type	Model year
5430	2010
Mileage	Service mileage
782261 km (18/02/2019)	195 km (22/12/2010)
Engine hours	Emission level
18204 h (18/02/2019)	EURO 5
Fuel type	Gas type
-	-
- Service information section:** Includes links for 'Software & Documents', 'Impact', and 'Wiring Diagrams'.
- Timeline widget:** A vertical timeline showing months from FEB 2022 to OCT 2021. The current date 'Today 03/02/2022' is highlighted.

Workshop services

The vehicle information section contain detailed information and part number for all control units in the vehicle.

V O L V O Workshop Services

+

Vehicle

Reg. no.

Vehicle information

6 minutes ago

Volvo Buses B9R

Chassis ID
[REDACTED]

Delivery date
2011-03-11

Product type
5430

Engine hours
18204 h (18/02/2019)

VIN
YV35577800414544

Engine version
380HP (D9B380)

Model year
2010

Emission level
EURO 5

Reg. no.
[REDACTED]

Engine type
9 L VOLVO ENGINE (ENG-VE9)

Mileage
782261 km (18/02/2019)

Fuel type
-

Unit no.
-

Transmission
VOLVO AUTOMATED TRANSMISSION 2400NM (AT2412C)

Service mileage
195 km (22/12/2010)

Gas type
-

Engine ECU (MID128)

Type	Part no.	Serial no.
Control unit	21300122	10352421
MAIN SW	21444272	
DST 1	21269760	
DST 2	21550196	
Sub DST 1	21040042	
Sub DST 2	20763779	
Sub DST 3	21186352	
Sub DST 4	21180533	

Gearbox ECU (MID130)

Brake ECU (MID136)

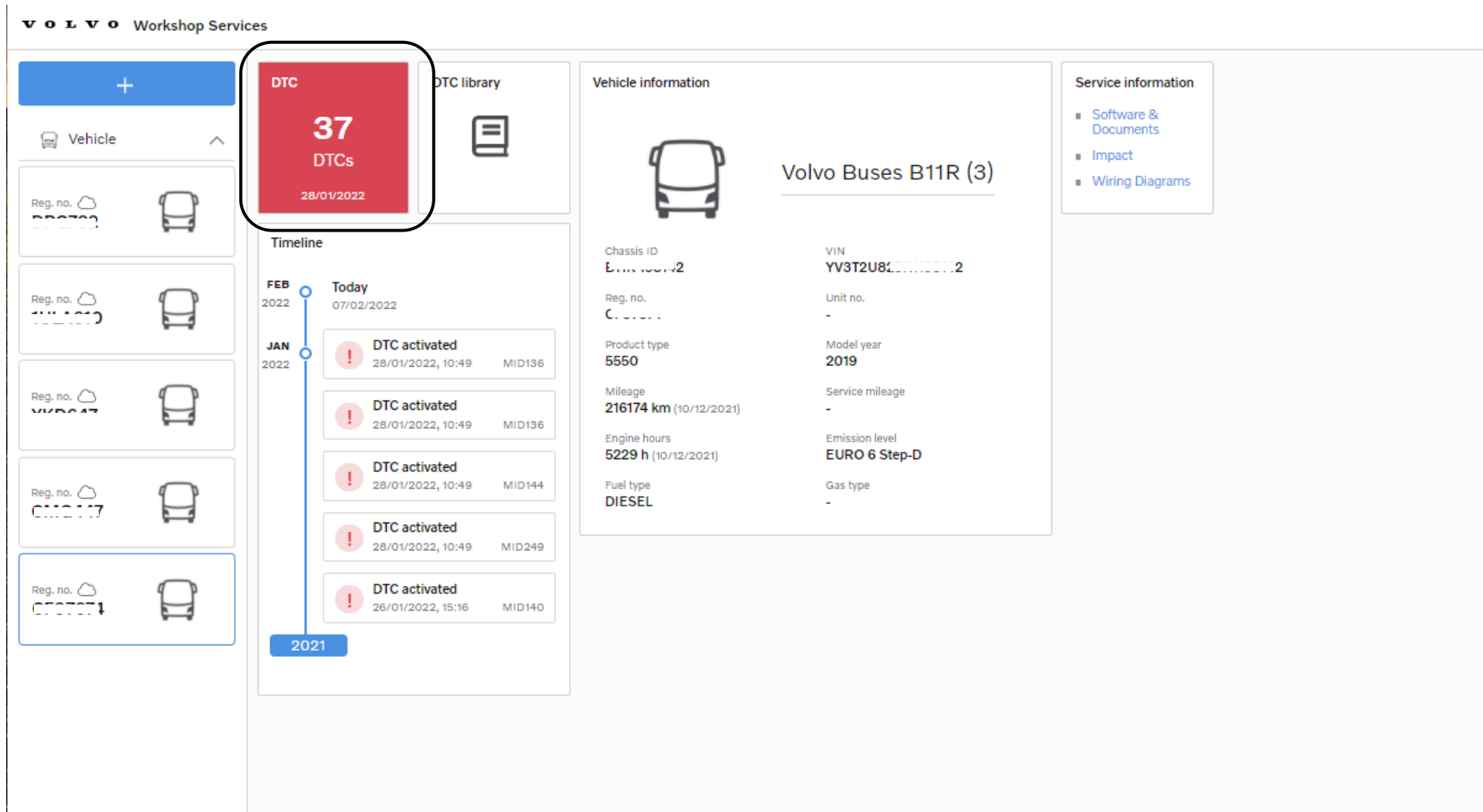
Information display (MID140)

Vehicle ECU (MID144)

Air suspension, vehicle (MID150)

Workshop services


Active or not closed diagnostic trouble codes are shown in the DTC widget. If the widget is red it means that some fault codes are active. Click on the widget to get more detailed information.





Workshop services


The list of fault codes, status and information about first and latest occurrence + how many times the fault occurred.


Vehicle


Reg. no. 





Reg. no. 





Reg. no. 



Reg. no. 



Reg. no. 



DTCs

28/01/2022

A request has been sent to read out DTCs remotely from the vehicle. This might take some time and depends on, for example, the vehicle's connectivity status.

Refresh

Control unit	DTC ID	DTC description	Status	Severity	First occurrence	Last occurrence	Count
MID144	PID 46 FMI 1	Vehicle wet tank air pressure, Data valid but below operational range	Active		28/01/2022, 10:49	28/01/2022, 10:49	1
MID136	PSID 210 FMI 9	Data Link, MID216, Abnormal update rate	Inactive		27/12/2021, 09:39	27/12/2021, 09:42	2
MID136	PSID 30 FMI 1	Low pressure supply, Data valid but below operational range	Inactive		28/01/2022, 10:49	28/01/2022, 10:49	1
MID136	PSID 41 FMI 0	ESP passive., Data valid but above normal operational range	Inactive		28/01/2022, 10:49	28/01/2022, 10:49	2
MID140	PID 158 FMI 4	ECU battery potential, Voltage below normal or shorted to lower voltage	Inactive		27/12/2021, 09:35	26/01/2022, 15:16	4
MID140	PSID 200 FMI 9	Data link, MID128, Abnormal update rate	Inactive		13/12/2021, 12:14	13/12/2021, 12:14	1
MID140	PSID 205 FMI 9	Data link, MID130, Abnormal update rate	Inactive		13/12/2021, 12:14	13/12/2021, 12:14	1
MID140	PSID 197 FMI 9	Data Link, MID 233, Missing J1919 data from MID233	Inactive		13/12/2021, 12:14	13/12/2021, 12:14	1
MID140	PSID 211 FMI 9	Data Link, MID219, Abnormal update rate	Inactive		13/12/2021, 12:14	13/12/2021, 12:14	1

Workshop services

You can use the DTC library to find more information about the DTC’s. Some DTC’s have additional information about possible fault tracing. There are three ways of searching for the fault codes depending on what model and technical generation of the TGW.



Vehicle ^

Reg. no. **DF3702**

Reg. no. **10L3010**

Reg. no. **YK3047**

Reg. no. **0M3447**

Reg. no. **3F37074**

DTC library

ISO/UDS **J1587** J1939

Use the search feature to find DTC information for the selected vehicle.

MID Identifier FMI

144 PID 46 1

Results

Control unit	DTC ID	DTC description
Vehicle ECU (MID 144)	PID 46 FMI 1	Vehicle wet tank air pressure, Data valid but below operational range

Workshop services

The Timeline show the fault codes at the date when the event occurred the last time.

V O L V O Workshop Services Volvo Bussar AB

Vehicle

Reg. no.

Reg. no.

Reg. no.

Reg. no.

Reg. no.

Reg. no.

Timeline

17 minutes ago

Filter by keyword

Types

FEB 2022

Today 07/02/2022

JAN 2022

2021

DEC 2021

DTC activated 28/01/2022, 10:49 MID136

DTC activated 28/01/2022, 10:49 MID136

DTC activated 28/01/2022, 10:49 MID144

DTC activated 28/01/2022, 10:49 MID249

DTC activated 26/01/2022, 15:16 MID140

DTC activated 24/01/2022, 14:14 MID144

DTC activated 24/01/2022, 14:04 MID144

DTC activated 27/12/2021, 09:58 MID144

DTC activated 27/12/2021, 09:42 MID136

DTC activated 27/12/2021, 09:39 MID140

DTC activated 27/12/2021, 09:37 MID223

! DTC activated 28/01/2022

EVENT DETAILS

Event date
28/01/2022, 10:49

DTC DETAILS

Control unit MID136	DTC ID PSID 30 FMI 1	DTC description Low pressure supply, Data valid but below operational range
Count 1	First occurrence 28/01/2022, 10:49	Last occurrence 28/01/2022, 10:49
Severity -		

Workshop services

There are links available on all vehicle overview pages to Volvo systems that contains documentation, parts information and software's.

You might need to login the first time you click in the links. If you don't have access but would like to get access, please contact your Volvo representative.

The screenshot displays the Volvo Workshop Services interface. On the left, there's a 'DTC' section showing '0 DTCs just now' and a 'DTC library' icon. Below this is a 'Timeline' showing dates from FEB 2022 to OCT 2021, with 'Today 03/02/2022' highlighted. The main 'Vehicle information' section for 'Volvo Buses B9R' includes fields for Chassis ID (YV3S51), VIN (YV3S51), Reg. no., Product type (5430), Mileage (782261 km), Engine hours (18204 h), Fuel type, and Emission level (EURO 5). A 'Service information' box on the right contains links for 'Software & Documents', 'Impact', and 'Wiring Diagrams'. Three arrows point from these links to three separate screenshots on the right: 'Software & Documents', 'Parts', and 'Wiring Diagrams'.

Software & Documents

Chassis number, test, etc.

Document Type: Select value, Content Type: Select value, Function Area: Select value, Chassis Type: Select value, Body Type / Variant: Select value

Language: Select value, A/C Model: Select value, Release Date: From To Clear

Name	Document Type	Content Type	Language	Body Type/Variant
B118-1189116-RSP-2022-02-03-18-540-210	Software Documents...	Bodywork Software		
B118-1189116-RSP-2022-02-03-08-320-210	Software Documents...	Bodywork Software		

Parts

Search: Chassis series: Chassis No. VIN: BSLH 173 Maintenance service Cars. Info type: All service information. Clear Search. Additional search values.

Fig	Title	Info type	ID/Operation
17	AdBlue information, Design & Function	Description, Design and function	
17	Lubricants, fluids and oil analysis	Description, Design and function	
170	Bodywork, general	Description, Design and function	
170	Fault codes, test mode	Diagnostics	1700-21-03-01
170	Storage treatment of vehicles	Service and maintenance	
171	Delivery service	Service and maintenance	1711-08-02-01
171	Pre-delivery inspection form	Forms	
175	A/C compressor oil, change	Service and maintenance	1750-03-03-05
175	Body	Service and maintenance	
175	Engine, oil and filter, replace, Lub area	Service and maintenance	1750-03-02-10
175	Front drive oil, change, Lub area	Service and maintenance	1750-03-03-05

Showing 1 to 20 of 28 entries. 200 Entries. Previous Next

Wiring Diagrams

Search: Wiring Instructions

Search document


Language: English, Model: B9R, Engine Variant: B9R, Body: B9R, Steering wheel position: LHD RHD, Chassis ID: . Search Reset


Contact Us: If you have questions about Wiring Diagrams, please mail us at technical.support@volvo.com

Wiring Diagrams v. 2.5.0

Workshop services

Software and documents contain software that is not programmed in Techtool, for example updates to the body software and vehicle components. You can also find older wiring diagrams, driver handbooks and service information. You search by entering chassis number or free text. To narrow down the search use the filtering functions.



V O L V O Software & Documents 

Document Type
Select value

Content Type
Select value

Function Area
Select value




Chassis Type
Select value

Body Type / Variant
Select value

Language
Select value

AIC Model
Select value

Release Date ^
From
To
Clear

 Name	Document Type	Content Type	Language	Body Type/Variant
 VBC00200837.BSP.2022-02-15.10h40m.210	Software Downlo...	Bodywork Software		
 VBC00200837.BSP.2022-02-15.10h18m.210	Software Downlo...	Bodywork Software		

Workshop services

Impact contains parts and service information + wiring diagrams for body. You have many search possibilities and can save service instructions to “My list” for an efficient workshop operation. You can search for service information related to diagnostic and a specific fault code in the Additional search field area.

The screenshot displays the Volvo Impact workshop service interface. The top navigation bar includes tabs for Parts, Components, Standard parts, Service, Tools, My list, and Menu. The left sidebar contains a search section with fields for Chassis series, Chassis No., VIN, B5LH, and a dropdown for 173. Maintenance service Cars. Below these is an Info type dropdown set to All service information, with Clear and Search buttons. An Additional search values dropdown is also present. The main area shows a table of service entries for Model B5LH Function group 17. The table has columns for Grp, Title, Info type, and ID/Operation. The right sidebar shows a detailed view of the search results, including a list of diagnostic trouble codes (DTC) and their corresponding info types. A search filter is applied to the right sidebar, showing results for Diagnostic trouble code (DTC) - Failure Type Byte (FTB), table.

Grp	Title	Info type	ID/Operation
17	AdBlue information. Design & Function	Description, Design and function	
17	Lubricants, fluids and oil analysis	Description, Design and function	
170	Biodiesel, general	Description, Design and function	
170	Fault codes, test mode	Diagnostics	1700-21-03-01
170	Storage treatment of vehicles	Service and maintenance	
171	Delivery service	Service and maintenance	1711-09-02-01
171	Pre-delivery inspection form	Forms	
175	A/C compressor oil, change	Service and maintenance	1750-03-03-26
175	Body	Service and maintenance	
175	Engine, oil and filter, replace. Lube area	Service and maintenance	1750-03-02-10
175	Final drive oil, change. Lube area	Service and maintenance	1750-03-03-06

Showing 1 to 28 of 28 entries

200 Entries

Grp	Title	Info type
000	Diagnostic trouble code (DTC) - Failure Type Byte (FTB), table	Diagnostics
000	Failure Mode Identifier (FMI), table	Diagnostics
000	Fault tracing, general information	Diagnostics
080	Toolbox, tests	Diagnostics
083	Battery charger, 88890252, user manual	Diagnostics
083	Battery charger, 88890330, user manual	Diagnostics
170	Fault codes, test mode	Diagnostics
170	Function parameters reset, calibration	Diagnostics
170	Handle component	Diagnostics
170	Service alert system, configuration and reports	Diagnostics
200	Abnormal smoke, fault tracing. Symptom fault tracing	Diagnostics
200	Basic check	Diagnostics
200	Contaminated fluid. Symptom fault tracing	Diagnostics
200	Engine, fault tracing. CNG fault code (1/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (2/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (3/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (4/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (5/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (6/7)	Diagnostics
200	Engine, fault tracing. CNG fault code (7/7)	Diagnostics

Showing 1 to 200 of 309 entries

Workshop services

Wiring diagrams contains wiring diagrams from chassis number 145640 and higher.

Wiring Diagrams

AboutHelpClose

ENDUSER
Hanna Johansen
VBC

SearchWiring Instructions

Search document

Language	English	▼*
Model	B8R	▼*
Engine Variant	-----	▼
Body	9800	▼
Steering wheel position	<input type="checkbox"/> LHD <input type="checkbox"/> RHD	
Chassis ID	----- ▼	<input type="text"/>

SearchReset

Contact Us

If you have questions about Wiring Diagrams, please mail us at technical.team@volvo.com

Wiring Diagrams v. 2.5.0