Inspection location Hartmann Compound Professionals Arnoldschacht 9-11 44894 Bochum



# **Expertise**

Protocol number: 41228948
Order No. / Reference: 25124708
Inspection date: 25 Aug 2025

Manufacturer: Volvo

Model: XC90 B5 D AWD Geartronic Momentum Pro

VIN: YV1LCK2VCN1800080





# Vehicle details

# Manufacturer / Type / Model / Equipment

Volvo XC90 B5 D AWD Geartronic Momentum Pro

Vehicle Identification number YV1LCK2VCN1800080

 Mileage (Read)
 179,168 km

 First registration
 8 Nov 2021

Number of holders 1

Next periodical technical inspection 03/2027

(Report on hand)

Power / Engine displacement 173 kw / 1,969 ccm

Fuel type / Cylinder Hybrid Diesel / E / 4

Gearbox / Number of gears Automatic / 8

Type of drive All-wheel drive

Type of vehicle SUV

Colour / colour code Savile Grau-Metallic

Doors / Seats5 / 5Upholstery typeLeatherColour of upholsteryBlack

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Continental



5mm / 5mm

Last maintenance on / at 01/2025 at 153,206 km  Key is / should be 2 / 2 FZG documents ZB#2 (B) was available (copy), ZB#1 (S) was not available (copy), ZB#1 (S] was not available (copy), ZB#	Vehicle details					
Key is / should be 2 / 2  FZG documents  ZB#2 (B) was available (copy), ZB#1 (S) was not available Letter No.  GC688167  Previous damage / Accident Inspection conditions Sufficient Lifting equipment / pit Yes  Test drive Not performed  Manufacturer key number/ type code number  Emission standard EURO6;WLTP;AP;PI/CI; M, N1 I Fine dust sticker  Permitted total weight 2,670 kg Empty weight  Tyres  Mounted tyres  # Tyre size  Type of tyre  Manufacturer   Manufacturer   Manufacturer   Tread depth	Maintenance booklet / proof		digital proof / complete	Next maintenance in	4,039 km	
Letter No.   GC688167	Last	t maintenance on / at	01/2025 at 153,206 km			
Letter No. GC688167  Previous damage / Accident   Detectable   Repainting   Detectable   Inspection conditions   sufficient   Lifting equipment / pit   yes   Test drive   Not performed   Engine function test   Performed   Manufacturer key number / type code number   Emission standard   EURO6;WLTP;AP;PI/CI; M, N1   Fine dust sticker   Empty weight    Tyres  Mounted tyres   Type of tyre   Manufacturer   Tread depth   Tre	Key	is / should be	2/2	FZG documents	ZB#2 (B) was av	ailable (copy), ZB#1 (S)
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Inspection conditions  sufficient  Not performed  Engine function test  Performed  Manufacturer key number/ type code number  Emission standard  Permitted total weight  Empty weight  Tyres  # Tyre size  Not performed  Engine function test  Performed  Performed  Performed  Performed  Performed  Performed  Permitted total sticker  Empty weight  Fine dust sticker  Empty weight  Fine dust sticker  Empty weight  Tread depth				Letter No.	GC688167	
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type code number  Emission standard	Test	drive	Not performed	Engine function test	Performed	
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Permitted total weight 2,670 kg Empty weight  Tyres  Mounted tyres  # Tyre size Type of tyre Empty weight  Manufacturer Tread depth	type	code number				
Tyres  Mounted tyres  # Tyre size Type of tyre Manufacturer Tread depth	Emis	ssion standard	EURO6;WLTP;AP;PI/CI; M, N1 I	Fine dust sticker		
Mounted tyres  # Tyre size Type of tyre Manufacturer Tread depth	Pern	nitted total weight	2,670 kg	Empty weight		
# Tyre size Type of tyre Manufacturer Tread depth	Tyre	es				
year and a second	Μοι	unted tyres				
1) 235/55 R19 105V Summer tyres on Light alloy Continental 5mm / 5mm	#	Tyre size	Type of tyre	Manufact	urer	Tread depth
	1)	235/55 R19 105V	Summer tyres on Light alloy	Continent	tal	5mm / 5mm

Additional	tyres
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235/55 R19 105V

2)

#	Tyre size	Type of tyre	Manufacturer	Tread depth
1)	235/60 R18 107V	Winter tyres on Light alloy	Semperit	5mm / 5mm
2)	235/60 R18 107V	Winter tyres on Light alloy	Semperit	6mm / 6mm

# Replacement

Тур	Tyre size	Type of tyre	Manufacturer	Tread depth

Tirefit Expiration date 09/2025

Summer tyres on Light alloy

Legend: Tread depth information for tires on the left is in the first place, for tires on the right is in the second place on the axle in the direction of travel



# **Equipment**

### Standard equipment

- · ABS Anti-lock braking system
- · Airbag, passenger side can be switched off
- · Airbag, knee airbag for driver
- · Active seat belts with belt tensioners (for all passengers)
- All-wheel drive (AWD)
- · Exterior mirrors electrically adjustable, foldable and heated
- · Fastening system for carrier bags in the luggage compartment
- Condensation sensor for automatic activation of the defroster function
- · Brake energy recovery
- · Brake lights, adaptive
- · City Safety
- · Connected Safety
- Roof spoiler
- · Digital instrumentation
- Drive Mode (driving mode settings for engine, transmission, steering, brakes and chassis)
- · Electronic differential lock
- · Electric windows front and rear
- · Luggage compartment partition net
- · Transmission: 8-speed Geartronic automatic transmission
- · Automatic tailgate
- · Rear window wiper with interval function
- Interior lighting
- · IntelliSafe Assistant
- · ISOFIX mount for the outer rear seats
- · Keyless start
- Automatic climate control with separate temperature control for driver and passenger side
- · Front headrests
- Steering wheel adjustable for height and length
- Make-up mirrors for driver and passenger, illuminated
- · Model and engine emblem on the rear
- Oncoming Lane Mitigation
- Parking brake (electric)
- Upholstery: Leather comfort seats
- Radio accessories: Two USB-C interfaces on the back of the tunnel console
- · Tire pressure monitoring system
- · Road Sign Information (RSI) Traffic Sign Recognition
- · Wheels: 19" 5-spoke black alloy wheels
- Rear seat bench of the 2nd row in 40/20/40 ratio or completely foldable
- Safety braking system with disc brakes all around (internally ventilated)
- Seats: Lumbar support (2-way adjustable) for driver and passenger seat

- Driver and passenger side airbags with two-stage deployment system
- Airbag, side airbags for driver and front passenger and curtain/ shoulder airbags (IC) for all occupants
- · Attention warning
- · Outside temperature display
- · Hill Descent Control HDC
- · Hill Start Assist (HSA)
- · Indicators (LED) integrated in exterior mirrors
- · On-board computer
- · Brake light, third
- · Chrome applications
- CleanZone air quality system with activated carbon filter
- · Aluminum roof rails (integrated)
- diesel particulate filter
- tachometer
- · Aluminum door sills with Volvo logo at the front (illuminated) and rear
- · Electronic stability control
- Automatic brake
- Cruise control system
- · Belt height adjustment front and rear (2nd row of seats)
- · Rear window, heated
- · Interior and exterior mirrors automatically dimming
- · Intelligent driver information system
- · IntelliSafe Surround
- · Keyless Drive
- · Parental controls
- · Headrests of the 2nd row of seats can be folded down (electrically)
- · Load compartment blind (semi-automatic)
- · Steering wheel: Multifunction buttons on the steering wheel
- · Front center armrest including cup holder
- · Sensus navigation system
- · Package: Winter Package
- · Pollen filter
- Radio accessories: Smartphone integration Apple CarPlay and Android Auto
- · Rain sensor
- · Road Edge Detection
- · Run-off Road Protection
- · Wheels: Tire sealant
- · Sensus Connect infotainment system
- Power steering, speed-dependent
- · Seats: Driver and passenger seats height adjustable (electrically)
- Start/Stop technology
- · Power socket
- First aid kit and warning triangle
- · Volvo On Call with Wi-Fi hotspot

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- Textile floor mats
- · Lashing eyes in the luggage compartment (foldable)
- Preparation for Trailer Stability Control (TSA)
- · WHIPS whiplash protection system

# Extra equipment

- Head-up display: Graphic display of driving information in the windscreen
- Package: Parking assistance package (front and rear parking sensors - rear view camera)
- Panoramic glass sunroof with lifting function (electric) (with integrated, continuously adjustable sunshade)
- · Parking aid, front and rear
- · Rear view camera
- Trailer hitch (semi-electric)

- Immobiliser
- Central locking with two radio remote controls and integrated emergency key
- Package: Lighting package (LED fog lights (integrated in the front spoiler) - headlight cleaning system - full-LED "Thor's Hammer"
   Active High Beam headlights with extended high beam, dynamic cornering light, intelligent high beam assist with adaptive headlight range control, and integrated LED daytime running lights - ambient lighting (multi-color) front and rear; on the doors - exit lights in the rear doors - rear footwell lighting - illuminated cup holders in the front
  - work light on the trunk lid)
- · Paintwork: metallic paint

# **Brief expert findings**

Part 1 (certificate) was not. (Copy)

VIN comparison The vehicle identification number (VIN) was read from the vehicle and its conformity with the submitted

documents was verified during the inspection by the undersigned.

Inspection The inspection conditions were sufficient for the assessment of the vehicle.

Lifting equipment and a pit were available for examining the vehicle.

Test drive No test drive/maneuvering was carried out during the inspection of the vehicle.

Engine function test An engine test run was performed.

# Value reducing factors

No.	Component group	Description
1	Mudguard - right side	Mudguard - right side - Scratch(es) - Smart repair
2	Trim / covers	Door trim - rear left side - Deformed - Smart repair
3	Trim / covers	Door trim - rear right side - Deformed - Smart repair
4	Side panel - rear left side	Wheel well extension - Scratch(es) - Smart repair
5	Sill - right side	Sill - Scratch(es) - Smart repair
6	Engine	Engine cover - top / cover - Damage caused by marten / rodent - Replace
7	Side panel - rear left side	Sill - Dent / paintcoat damage - Smart repair
8	Door - rear left side	Door - Scratch(es) - Paint
9	Bonnet	Bonnet - Scratch(es) - Paint
10	Vehicle glazing	Windscreen (Riß) - Broken / torn - repair according to calculation

### Wear and tear

No.	Component group	Description
1	Sill - left side	Sill - Scratch(es) - No deduction
2	Body	Body (Waschanlagenkratzer) - Scratch(es) - No deduction
3	Side panel - rear right side	Wheel well extension - Scratch(es) - No deduction
4	Trim / covers	Boot lid - interior trim - Scratch(es) - No deduction
5	Wheel / tyres	Alloy rim - front left side - Scratch(es) - No deduction
6	Wheel / tyres	Alloy rim - front right side - Scratch(es) - No deduction

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# No. Component group Description

Interior - Scratch(es) - No deduction

The vehicle shows signs of wear commensurate with its age and use.

# Missing parts

### Description

Interior - Separation net (Gepäckraum Trennnetz)

# **Previous damages**

No	lo. Previous damage		
NO.	Frevious damage	damage (Net)	
1	Rear, Provided by user / customer, from 17 Jul 2025	1.347,47 €	
2	Front, Provided by user / customer, from 17 Jul 2025	2.739,93 €	
3	Side right, Provided by user / customer, from 17 Jul 2025	2.758,82€	
4	Rear, Provided by user / customer		

# Repainting

### No. Repainting

- 1 Boot lid / rear door, Professionally carried out, Invoice of repair done Non-existent
- 2 Door rear right side, Professionally carried out, Invoice of repair done Non-existent

# Paint coat thickness measurement

Boot lid / rear door 274 μm Door - rear right side 160 μm

# Order/Scope of order

The order was placed to prepare a sales report for the vehicle described. This includes the following:

- · Description of core relevant information about the vehicle
- · Documentation of equipment features
  - (Delivery by third-party service providers)
- · Documentation of damage, defects, missing parts
- · Documentation of previous damage, unrepaired previous damage, repainting
- a brief visual or functional inspection of the equipment details if possible.
   (Functional tests of driver assistance systems are not included in the scope of services!)
- · a photo documentation of the vehicle

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### Basis for the order

This product is based on the Alphabet Fuhrpark GmbH guidelines for vehicle returns and valuations. The expert makes the explicit findings in each individual case objectively within the framework of the specified standards based on his or her own expertise.

The vehicle inspection takes place in a disassembled state.

Damage or defects that can only be detected during disassembly/diagnosis work or through advanced knowledge remain within the scope of the prognosis risk. An extended risk exists for concealed defects caused by fraudulent deception and not identifiable by the expert.

Damage or defects resulting from normal use or wear and tear of the vehicle will be accepted according to the applicable standard.

There was no explicit identification or monetary consideration of the expected features within the product.

Features which in their nature and severity slightly exceed normal use but do not constitute unacceptable damage will be documented and identified under signs of use if necessary.

Damage or defects which, according to the underlying standard, can no longer be attributed to normal use or wear and tear are listed in the product under "Depreciating Factors".

Depending on the product specification, a monetary ID can be provided. If this takes place, the costs can be 100% d or pro rata depending on the vehicle's age and mileage.

# **Previous damages**

According to available information previous damages were repaired at the vehicle. Traces of repairs, which allow conclusions about the area of repair, were not recognizable during the inspection.

### **Comments**

Die Beiliegenden Räder sind kein Teil der Ausstattung.





Figure 1: Diagonal front (left)



Figure 2: Diagonal front (right)



Figure 3: Diagonal rear (left)



Figure 4: Diagonal rear (right)



Figure 5: Interior - front



Figure 6: Interior - rear





Figure 7: Instrument cluster



Figure 8: Instrument panel



Figure 9: interior 360° view



Figure 10: Cargo area



Figure 11: VIN



Figure 12: Mounted tyres





Figure 13: Documents



Figure 14: Documents

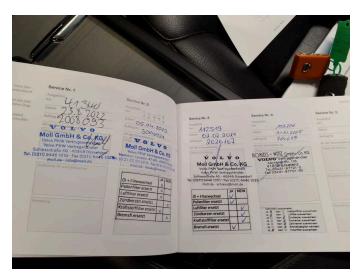


Figure 15: Documents



Figure 16: Documents



Figure 17: Documents



Figure 18: Additional tyres





Figure 19: Navigation



Figure 20: Misc.



Figure 21: Misc.



Figure 22: Misc.



Figure 23: Misc.



Figure 24: Misc.





Figure 25: Misc.



Figure 26: Misc.



Figure 27: Misc.



Figure 28: Misc.



Figure 29: Misc.



Figure 30: Misc.





Figure 31: Misc.



Figure 32: Misc.



Figure 33: Misc.



Figure 34: Misc.



Figure 35: Misc.



Damage 1: Mudguard - right side: Mudguard - right side - Scratch(es) - Smart repair





**Damage 1:** Mudguard - right side: Mudguard - right side - Scratch(es) - Smart repair



**Damage 2:** Trim / covers: Door trim - rear left side - Deformed - Smart repair



 $\textbf{Damage 2:} \ \mathsf{Trim} \ \mathsf{/} \ \mathsf{covers:} \ \mathsf{Door} \ \mathsf{trim} \ \mathsf{-} \ \mathsf{rear} \ \mathsf{left} \ \mathsf{side} \ \mathsf{-} \ \mathsf{Deformed} \ \mathsf{-} \ \mathsf{Smart} \ \mathsf{repair}$ 



**Damage 3:** Trim / covers: Door trim - rear right side - Deformed - Smart repair



 $\label{eq:Damage 3: Trim / covers: Door trim - rear right side - Deformed - Smart repair$ 



Damage 4: Side panel - rear left side: Wheel well extension - Scratch(es) - Smart repair





Damage 4: Side panel - rear left side: Wheel well extension - Scratch(es) Damage 5: Sill - right side: Sill - Scratch(es) - Smart repair - Smart repair





Damage 5: Sill - right side: Sill - Scratch(es) - Smart repair



**Damage 6:** Engine: Engine cover - top / cover - Damage caused by marten / rodent - Replace



**Damage 6:** Engine: Engine cover - top / cover - Damage caused by marten / rodent - Replace



Damage 7: Side panel - rear left side: Sill - Dent / paintcoat damage -Smart repair





**Damage 7:** Side panel - rear left side: Sill - Dent / paintcoat damage - Smart repair



**Damage 7:** Side panel - rear left side: Sill - Dent / paintcoat damage - Smart repair



**Damage 7:** Side panel - rear left side: Sill - Dent / paintcoat damage - Smart repair



**Damage 7:** Side panel - rear left side: Sill - Dent / paintcoat damage - Smart repair



**Damage 7:** Side panel - rear left side: Sill - Dent / paintcoat damage - Smart repair



Damage 8: Door - rear left side: Door - Scratch(es) - Paint





Damage 8: Door - rear left side: Door - Scratch(es) - Paint



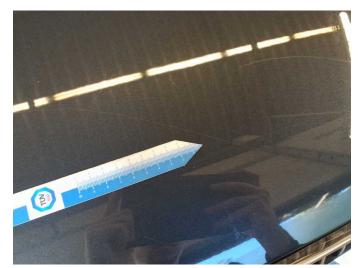
Damage 8: Door - rear left side: Door - Scratch(es) - Paint



Damage 8: Door - rear left side: Door - Scratch(es) - Paint



Damage 9: Bonnet: Bonnet - Scratch(es) - Paint

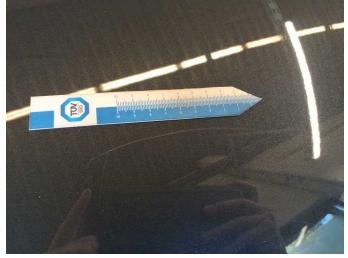


Damage 9: Bonnet: Bonnet - Scratch(es) - Paint



Damage 9: Bonnet: Bonnet - Scratch(es) - Paint





Damage 9: Bonnet: Bonnet - Scratch(es) - Paint



Damage 9: Bonnet: Bonnet - Scratch(es) - Paint



Damage 9: Bonnet: Bonnet - Scratch(es) - Paint



Damage 10: Vehicle glazing: Windscreen (Riß) - Broken / torn - repair according to calculation



Damage 10: Vehicle glazing: Windscreen (Riß) - Broken / torn - repair according to calculation



 $\textbf{Damage 10:}\ \mbox{Vehicle glazing: Windscreen (Riß) - Broken / torn - repair according to calculation$ 





Repainting 1: Boot lid / rear door



Repainting 1: Boot lid / rear door



Repainting 2: Door - rear right side



Repainting 2: Door - rear right side

**Wartungshistorie** (gemäß Auftraggeber Informationen)



Fahrgestellnummer: YV1LCK2VCN1800080

Hersteller / Modell: VOLVO VOLVO XC90 B5 D AWD Geartronic Momentum Pro

Datum	KM-Stand	Beschreibung
18.03.2025	161.228	AU; Dieselpartikelfilter ern
31.01.2025	153.206	AU; Kraftstofffilter ern; Luftfiltereinsatz ern; Motoröl b. Wartung; Ölfilter ern; Regelwartungsdienst; Wartung Sonstiges
02.04.2024	112.712	Reparatur Sonstiges; Systemtest/Eigendiagnose
20.02.2024	112.712	Reparatur Sonstiges; Reparatur Sonstiges; Systemtest/Eigendiagnose; Systemtest/Eigendiagnose
25.01.2024	112.519	Bremsflüssigkeit; Bremsflüssigkeit ern; Motoröl b. Wartung; Ölfilter ern; Regelwartungsdienst; Reparatur Sonstiges; Wartung Sonstiges
02.09.2023	97.728	Bremse Sonstiges; Bremsklötze vorne; Bremsscheiben + Klötze v; Bremsscheiben vorne
05.04.2023	73.469	Bremsklötze hinten; Bremsklötze vorne; Kraftstofffilter ern; Luftfiltereinsatz ern; Motoröl b. Wartung; Ölfilter ern; Regelwartungsdienst; Reparatur Sonstiges; Wartung Sonstiges
25.08.2022	41.340	Motoröl b. Wartung; Ölfilter ern; Regelwartungsdienst; Wartung Sonstiges