

2025 Volvo V60 Cross Country Technical Specifications		
	B5 AWD (249 hp) aut	B5 AWD (250 hp) aut
ENGINE		
Engines	B420T10	B420T2
Type	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged
Configuration	AWD	AWD
Displacement	1969 cm³	1969 cm³
Bore	82.0 mm	82,0 mm
Stroke	93.2 mm	93,2 mm
Engine cylinder block material	Aluminum	Aluminum
Cylinder head material	Aluminum	Aluminum
Compression ratio	10.5:1	10,5:1
Valves, no/cylinder	4 ea.	4 ea.
Camshafts	2 ea.	2 ea.
DOHC/SOHC	DOHC	DOHC
Engine management system	Gasoline direct injection	Gasoline direct injection
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	800 rpm ± 75	800 rpm ± 75
Fuel, rec. Octane	95 - 98 RON	95 - 98 RON
Max engine speed	6200 rpm	6200 rpm
Max output	183 kW (249 hp) / 5400 - 5700 rpm	184 kW (250 hp) / 5400 - 5700 rpm
Max torque	350 / 30-80 Nm / rps	350 / 30-80 Nm / rps
Electrical motor max power (kW)	10 kW	10 kW
Electrical motor max torque (Nm)	40 Nm	40 Nm
TRANSMISSION		
Transmissions (AWD)	AWF8G45	AWF8G45
First Gear (AWD)	5,057	5,057
Second Gear (AWD)	3,070	3,070
Third Gear (AWD)	2,050	2,050
Fourth Gear (AWD)	1,520	1,520
Fifth Gear (AWD)	1,262	1,262
Sixth Gear (AWD)	1,000	1,000
Seventh Gear (AWD)	0,792	0,792
Eighth Gear (AWD)	0,661	0,661
Reverse Gear (AWD)	3,992	3,992
Automatic Gearbox / final drive (AWD)	3,200	3,200
PERFORMANCE		
Performance	Automatic	Automatic
Gearbox	AWF8G45	AWF8G45
Acceleration, 0-100 km/h, sec	6,9	6,9
Top speed, km/h	180	180
Comb. l/100 km / CO₂ g/km	7.3 / 166 (Overseas)	n/a / 188.91 (Japan) 27 mpg (US)
Comb. km/l	-	12.6 (Japan)
MEASUREMENTS AND VOLUMES		
Length (L103)	4787mm	4787mm
Width (Body width) (W116)	1850 mm	1850 mm
Vehicle width (W103)	1893 mm	1893 mm
Width (Including mirrors, folded) (W145)	1916 mm	1916 mm
Width (Including mirrors) (W144)	2040 mm	2040 mm
Height (Including shark fen)(at curb weight (H101)	1504 mm	1504 mm
Height (Including shark fen)(at curb weight + 1 person) (H101)	1499 mm	1499 mm
Height with open tailgate/trunklid (H110)	2022 mm	2022 mm
Wheelbase (L101)	2875 mm	2875 mm
Overhang – front (L104)	872 mm	872 mm
Overhang - rear (L105)	1040 mm	1040 mm
Track, front (depending on rim size) (W101-1)	1636 mm - 1649 mm	1636 mm - 1649 mm
Track, front (depending on rim size) (W101-2)	1621 mm / 1633 mm	1621 mm / 1633 mm
Ground clearance (at curb weight) (H156)	206 mm	206 mm
Ground clearance (at curb weight + 1 person) (H156)	197 mm	197 mm
Wading capability depth at curb weight (at walking speed)	300 mm	300 mm
Approach angle (at curb weight)	17,0 degr	17,0 degr
Departure angle (at curb weight)	22,4 degr	22,4 degr
Breakover angle (at curb weight)	18,4 degr	18,4 degr
WEIGHT/MISCELLANEOUS		
Weight (Depending on type of engine, gearbox etc.)	n/a	n/a
Total Weight (Depending on type of engine, gearbox etc.)	n/a	n/a
Max trailer weight, Unbraked (Max)	n/a	n/a 1650 lb (US)
Max trailer weight, Braked (Max)	1800 kg	1800 kg 2000 lb (US)
Fuel tank, Petrol	71 l * 1	71 l * 1
Aerodynamics, (Cd)	0,33	0,33
Aerodynamics, (Frontal area)	2,30 m²	2,30 m²
Max roof load	n/a	n/a
* MC 50		
INTERIOR MEASUREMENTS		
Headroom with panoramic (front/rear) (H61-1SR / H61-2SR)	949 mm / 967 mm	949 mm / 967 mm
Headroom without panoramic (front/rear) (H61-1 / H61-2)	976 mm / 966 mm	976 mm / 966 mm
Headroom maximum, with panoramic roof (front) (H62-1 SR)	994 mm	994 mm
Headroom without panoramic roof maximum (front) (H62-1)	1019 mm	1019 mm
Passenger compartment width at shoulder height (front/rear) (W3-1 / W3-2)	1425 mm / 1384 mm	1425 mm / 1384 mm
Hip room (front/rear) (W5-1 / W5-2)	1404 mm / 1356 mm	1404 mm / 1356 mm
Leg room (front/rear) (L34 / L51-2)	1074 mm / 895 mm	1074 mm / 895 mm
Knee clearance - / second (- / L48-2)	- / 46	- / 46
Largest Luggage volume - First (Largest volume. Load height limited by the head lining. Front limited by vertical plane tangential to the rear side of the front seatback) (V214-1) Total (including V209)	1431 l	1431 l
Separate Storage Areas in Luggage Compartment (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) (V209) - without rep kit and recess	47 l	47 l
Separate Storage Areas in Luggage Compartment (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) (V209) - rep kit	23 l	23 l
Separate Storage Areas in Luggage Compartment (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) (V209) - spare wheel	6 l	6 l
Largest Luggage volume - Second (Second seat up. Load height limited by the headlining. Front limited by vertical plane tangential to the rear side of the second seatback) (V214-2) Total (including V209)	648 l	648 l
Open Luggage Compartment – First (Second seat folded. Load height limited to upper edge of the front seatback or lower edge of the rear window) (V211-1) Total (including V209)	888 l	888 l
Open Luggage Compartment – Second (Second seat up. Load height limited to the upper edge of the second seatback or second window) (V211-2) Total (including V209)	519 l	519 l
Cargo length from the first seatback to the tailgate measured at the height of the floor covering (L212-1)	1821 mm	1821 mm
Cargo length from the first seatback to the tailgate measured at the top of the first seatback (L214-1)	1694 mm	1694 mm
Cargo length from the second seatback to the tailgate measured at the height of the floor covering (L212-2)	1033 mm	1033 mm
Cargo length from the second seatback to the tailgate measured at the top of the second seatback (L214-2)	815 mm	815 mm
Cargo floor height to ground (H253)	679 mm	679 mm
Rear opening height (H202)	644 mm	644 mm
Rear opening height (car center line) (H201)	731 mm	731 mm
Width of luggage compartment between wheelhouses (W201)	1038 mm	1038 mm
Rear opening width upper, min. (W205)	888 mm	888 mm
Rear opening width at floor, min. (W207)	1064 mm	1064 mm
CHASSIS		
Suspension front	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Suspension rear	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar
Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering
Steering ratio (angle/angle)	16.6	16,6
Turning circle (Curb to curb)	11.3 m	11,3 m
Turning circle (Wall to wall)	11.7 m	11,7 m
Turns of steering wheel end to end	3.0	3,0
Braking system	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Brake disc diameter (front) (Brake: 17" / 18")	322 mm / 345 mm	322 mm / 345 mm
Brake disc diameter (rear) (Brake: 16" / 17")	302 mm / 320 mm	302 mm / 320 mm
Brake disc thickness (front) (Brake: 17" / 18")	28 mm / 30 mm	28 mm / 30 mm
Brake disc thickness (rear) (Brake: 16" / 17")	12 mm / 20 mm	12 mm / 20 mm
Braking distance 100-0 km/h	35 m	35 m