

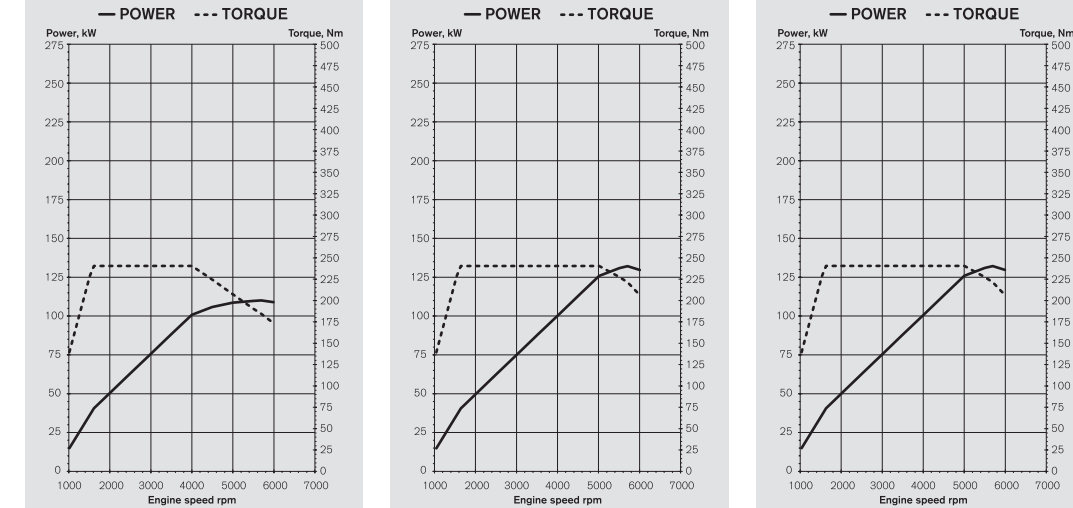
# Volvo V60

CONT'D VOLVO V60 →

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ENGINES	T3 (B4164T3)	T4 (B4164T)	T4 (B4164T2)
Type	In-line 4-cyl.turbo petrol	In-line 4-cyl.turbo petrol	In-line 4-cyl.turbo petrol
Configuration	Transverse, front wheel drive	Transverse, front wheel drive	Transverse, front wheel drive
Displacement, cm <sup>3</sup>	1596	1596	1596
Bore (mm)	79.0	79.0	79.0
Stroke (mm)	81.4	81.4	81.4
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	10.0:1	10.0:1	10.0:1
Valves, no/cylinder	4	4	4
Camshafts	2	2	2
Engine management system	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed, rpm	750	750	750
Fuel, rec. octane	91-98 RON	91-98 RON	E85 & 91-98 RON
Max output, kW (hp)/rpm.	110 (150) / 5700	132 (180) / 5700	132 (180) / 5700
Max torque, Nm/rpm.	240 / 1600-4000	240 / 1600-5000	240 / 1600-5000

## POWER AND TORQUE →



Manual gearbox/final drive	MMT6 W3 / 3.813 Gear 1-4, 2.773 Gear 5-6+R	MMT6 Z3 / 3.690 Gear 1-4, 2.682 Gear 5-6+R	MMT6 Z3 / 3.690 Gear 1-4, 2.682 Gear 5-6+R
Automatic gearbox/final drive	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R
<b>PERFORMANCE</b>			
Gearbox	Manual	Automatic	Manual
Acceleration, 0-100 km/h (sec)	9.6	10.4	8.5
Top speed, km/h	200	205	220
Fuel consumption l/100 km (Combined)	6.0	7.2	6.6
CO <sub>2</sub> g/km	139	167	153

## TRANSMISSIONS

RATIO	AW TF-80SC	M66D	MPS6-7	MPS6-4	MMT6(W3)	MMT6(Z3)
First	4.148	3.385	3.818	3.583	3.583	3.818
Second	2.370	1.905	2.150	1.952	1.952	2.150
Third	1.556	1.194	1.407	1.194	1.241	1.423
Fourth	1.155	0.838	1.029	0.842	0.868	1.029
Fifth	0.859	0.652	1.188	0.943	0.943	1.129
Sixth	0.686	0.540	0.971	0.789	0.789	0.943
Reverse	3.394	3.200	5.284	4.843	5.099	5.434

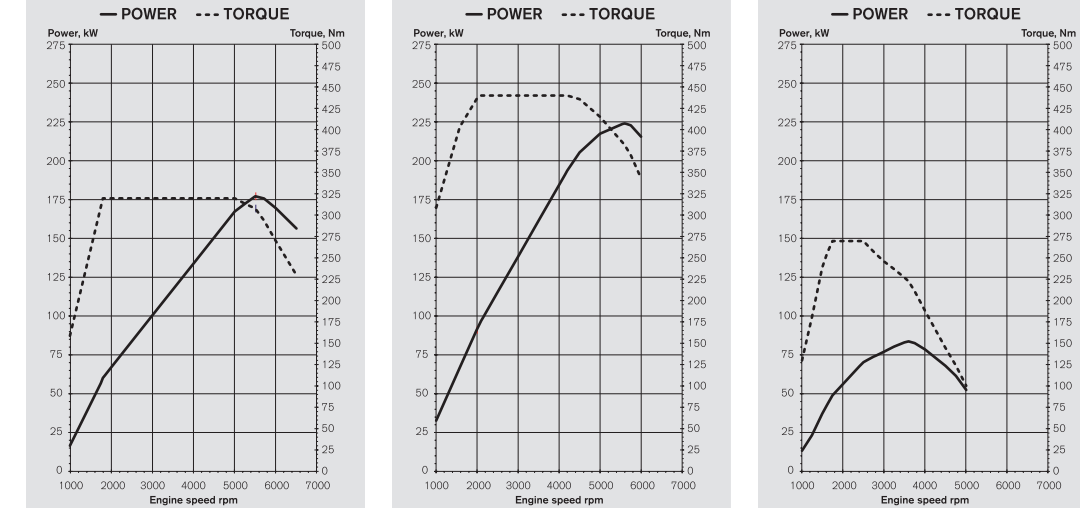
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ENGINES	T5 (B4204T7)	T6 (B4304T4)	D2 (D4162T)
Type	In-line 5-cyl.turbo petrol	In-line 5-cyl.turbo petrol	In-line 5-cyl.turbo diesel
Configuration	Transverse, front wheel drive	Transverse, all wheel drive	Transverse, front wheel drive
Displacement, cm <sup>3</sup>	1996	2953	1560
Bore (mm)	87.5	82.0	75.0
Stroke (mm)	83.2	93.2	88.3
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	10.0:1	9.3:1	16.0:1
Valves, no/cylinder	4	4	2
Camshafts	2	2	1
Engine management system	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems	Electronically controlled common rail direct injection
Ignition sequence	1 - 3 - 4 - 2	1 - 5 - 3 - 6 - 2 - 4	1 - 3 - 4 - 2
Engine idling speed, rpm	780	590	790
Fuel, rec. octane	91-98 RON	91-98 RON	Cetane Number: Min 48
Max output, kW (hp)/rpm.	177 (240) / 5500	224 (304) / 5600	84 (115) / 3600
Max torque, Nm/rpm.	320 / 1800-5000	440 / 2100-4200	270 / 1750-2500

## POWER AND TORQUE →



Manual gearbox/final drive	MMT6 Z3 / 3.813 Gear 1-4, 2.773 Gear 5-6+R	MMT6 W3 / 4.063 Gear 1-4, 2.955 Gear 5-6+R	MMT6 W3 / 4.063 Gear 1-4, 2.955 Gear 5-6+R
Automatic gearbox/final drive	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	AW TF-80SC AWD / 3.329	MPS6-4 / 3.933 Gear 1-4, 2.682 Gear 5-6+R
<b>PERFORMANCE</b>			
Gearbox	Manual	Automatic	Automatic
Acceleration, 0-100 km/h (sec)	6.2	7.7	11.3
Top speed, km/h	230	230	190
Fuel consumption l/100 km (Combined)	8.0	8.2	4.5 / 4.1*
CO <sub>2</sub> g/km	186	192	119 / 109*

\* Tire restriction

## CHASSIS

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Steering		Power Assisted Rack and Pinion Steering
Turning circle, curb to curb, 205/235"		11.3 m / 11.9
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Braking distance, 100-0 km/h		37 m
Brake disc diameter	front	300 mm / 336 mm
	rear	302 mm

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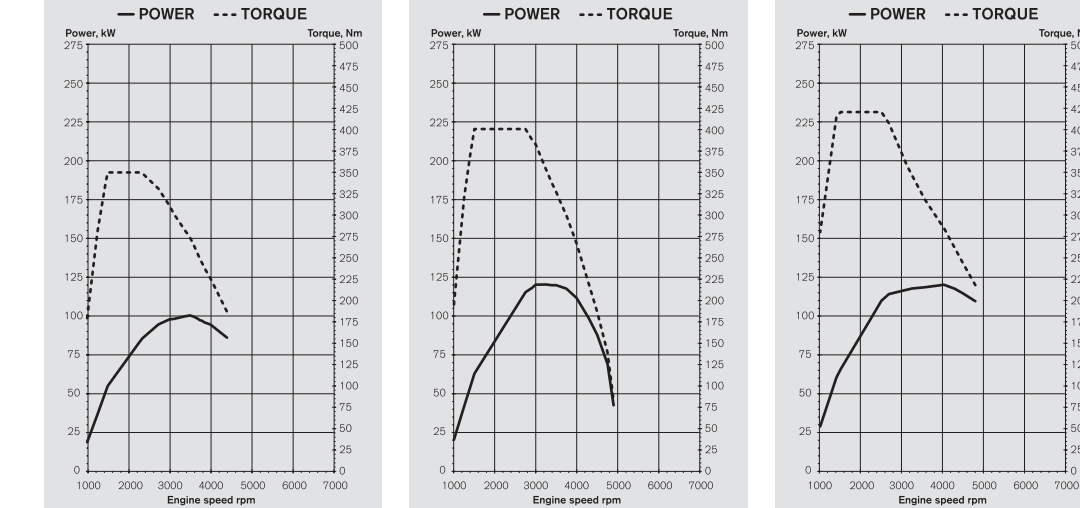
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ENGINES	D3 (D5204T7)	D4 (D5204T3)	D4 (D5244T17)
Type	In-line 5-cyl.turbo diesel	In-line 5-cyl.turbo diesel	In-line 5-cyl.turbo diesel
Configuration	Transverse, front wheel drive	Transverse, front wheel drive	Transverse, all wheel drive
Displacement, cm <sup>3</sup>	1984	1984	2400
Bore (mm)	81.0	81.0	81.0
Stroke (mm)	77.0	77.0	93.15
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	16.5:1	16.5:1	16.5:1
Valves, no/cylinder	4	4	4
Camshafts	2	2	2
Engine management system	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection
Ignition sequence	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	700	700	700
Fuel, rec. octane	Cetane Number: Min 48	Cetane Number: Min 48	Cetane Number: Min 48
Max output, kW (hp)/rpm.	100 (136) / 3500	120 (163) / 3500	120 (163) / 4000
Max torque, Nm/rpm.	350 / 1500-2250	400 / 1500-2750	420 / 1500-2500

## POWER AND TORQUE →



Manual gearbox/final drive	M66D F2A / 3.770	M66D F2A / 3.770	M66D F2A / 3.770
Automatic gearbox/final drive	AW TF-80SC / 3.075	AW TF-80 SC/SD / 3.075	AW TF-80SC / 3.329
<b>PERFORMANCE</b>			
Gearbox	Manual	Automatic	Automatic
Acceleration, 0-100 km/h (sec)	10.4	10.4	10.4
Top speed, km/h	205	200	215
Fuel consumption l/100 km (Combined)	4.5	4.9	6.4
CO <sub>2</sub> g/km	119	129	169

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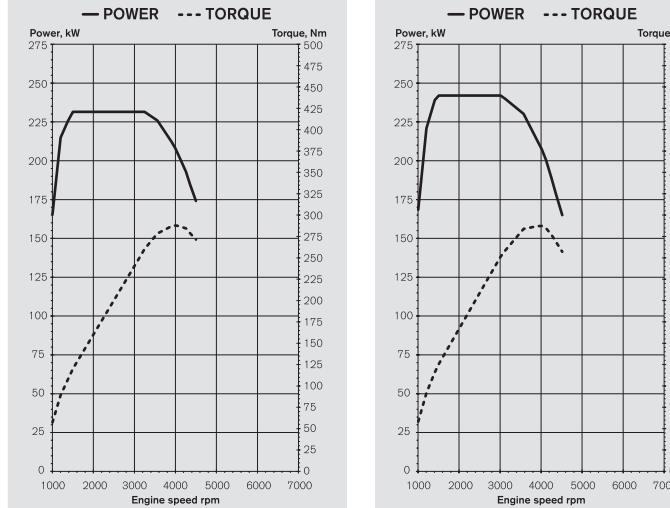
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CONT'D VOLVO V60 →

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ENGINES	D5 (D5244T11)	D5 (D5244T15)
Type	In-line 5-cyl.turbo diesel	In-line 5-cyl.turbo diesel
Configuration	Transverse, front wheel drive	Transverse, front & all wheel drive
Displacement, cm <sup>3</sup>	2400	2400
Bore (mm)	81.0	81.0
Stroke (mm)	93.15	93.15
Engine cylinder block material	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium
Compression ratio	16.5:1	16.5:1
Valves, no/cylinder	4	4
Camshafts	2	2
Engine management system	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection
Ignition sequence	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	740	700
Fuel, rec. octane	Cetane Number: Min 48	Cetane Number: Min 48
Max output, kW (hp)/rpm.	158 (215) / 4000	158 (215) / 4000
Max torque, Nm/rpm.	420 / 1500-3250	440 / 1500-3000

## POWER AND TORQUE →



Manual gearbox/final drive	M66D F2A / 3.770	M66D F2A / 3.770
Automatic gearbox/final drive	AW TF-80 SC/SD / 3.200 (FWD) / 3.329 (AWD)	AW TF-80 SC/SD / 3.200 (FWD) / 3.329 (AWD)
<b>PERFORMANCE</b>		
Gearbox	Manual	Auto (FWD)
Acceleration, 0-100 km/h (sec)	7.5	7.7
Top speed, km/h	230	230
Fuel consumption l/100 km (Combined)	4.6	6.2
CO <sub>2</sub> g/km	120	162

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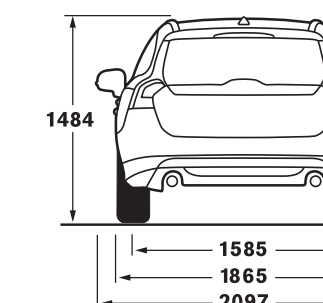
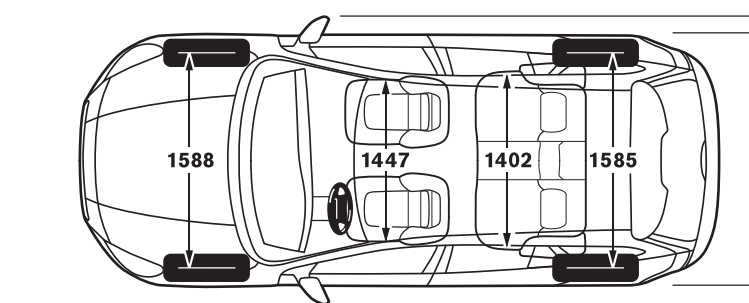
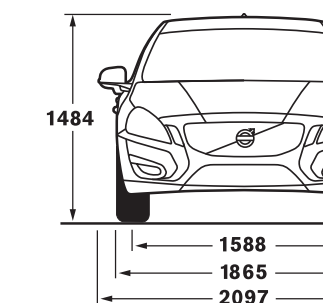
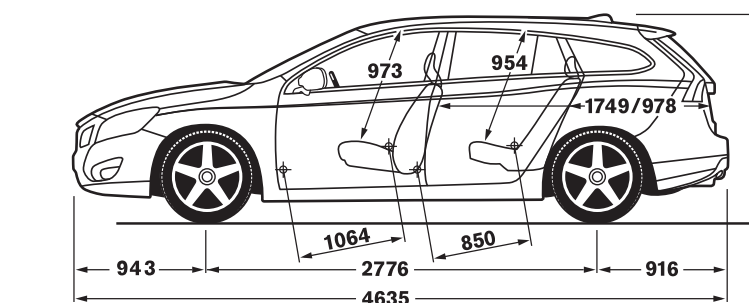
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MEASUREMENTS AND VOLUMES	
<b>EXTERIOR MEASUREMENTS (CM)</b>	
Length	463.5
Width (without mirrors)	186.5
Height (including shark fin)	148.4
Wheelbase	277.6
Track, front (16"/17")	158.8 / 157.8
Track, rear (16"/17")	158.5 / 157.5
Ground clearance, curb	13.6

WEIGHTS/MISCELLANEOUS	
Curb weight, kg (min-max, depending on setup)	1505-1840
Fuel tank, l (min-max, depending on equipment)	67.5
Max. trailer weight, kg	1300-1800
Max roof load, kg	75
Drag coefficient, Cd	0.29

INTERIOR MEASUREMENTS (CM)	
Headroom without sunroof (front/rear)	97.3 / 95.4
Headroom with sunroof (front/rear)	95.5 / 95.4
Passenger compartment width at shoulder height (front/rear)	144.7 / 140.2
Leg room (front/rear)	106.4 / 85.0
Cargo volume, including under floor storage (ISO V211) (430+30)	460
Cargo length from the first seatback to the tailgate measured at: - the height of the floor covering	174.9
Cargo length from the second seatback to the tailgate measured at: - the height of the floor covering	97.8
Cargo height (rear wheel center and car center line)	74.2
Rear opening height (car center line)	65.8
Width of luggage compartment between wheelhouses	109.0



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