

2015 Volvo V40 Specifications

	V40 T2 (120 hp) man	V40 T3 (150 hp) man	V40 T4 (180 hp) man/aut	V40 T4 (180 hp) aut	V40 T5 (213 hp) aut	V40 T5 (245 hp) aut	V40 D2 (115 hp) man	V40 D2 (115 hp) man	V40 D2 (115 hp) man/aut	V40 D3 (150 hp) man/aut	V40 D4 (190 hp) man	V40 D4 (190 hp) man/aut	
<b>Engine</b>													
Engines	B4164T4	B4164T3	B4164T	B5204T8	B5204T9	B4204T11	D4162T	D4162T	D4162T	D5204T6	D4204T14	D4204T14	
Type	In-line 4 cyl. Turbo	In-line 4 cyl. Turbo	In-line 4 cyl. Turbo	In-line 5 cyl. Turbo	In-line 5 cyl. Turbo	In-line 4 cyl. Turbo	In-line 4 cyl. Turbodiesel	In-line 4 cyl. Turbodiesel	In-line 4 cyl. Turbodiesel	In-line 5 cyl. Turbodiesel	In-line 4 cyl. Turbodiesel	In-line 4 cyl. Turbodiesel	
Configuration	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	
Displacement	1596 cm³	1596 cm³	1596 cm³	1984 cm³	1984 cm³	1989 cm³	1560 cm³	1560 cm³	1560 cm³	1984 cm³	1969 cm³	1969 cm³	
Bore	79.0 mm	79.0 mm	79.0 mm	81.0 mm	81.0 mm	82.0 mm	75.0 mm	75.0 mm	75.0 mm	81.0 mm	82.0 mm	82.0 mm	
Stroke	81.4 mm	81.4 mm	81.4 mm	77.0 mm	77.0 mm	93.2 mm	88.3 mm	88.3 mm	88.3 mm	77.0 mm	93.2 mm	93.2 mm	
Compression ratio	10.0:1	10.0:1	10.0:1	10.5:1	10.5:1	10.8:1	16.0:1	16.0:1	16.0:1	16.5:1	15.8:1	15.8:1	
Valves, no/cylinder	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	2 ea.	2 ea.	2 ea.	4 ea.	4 ea.	4 ea.	
DOHC / SOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	SOHC	SOHC	SOHC	DOHC	DOHC	DOHC	
Engine management system	Integrated fuel (SFI) / Ignition control system	Integrated fuel (SFI) / Ignition control system	Integrated fuel (SFI) / Ignition control system	Integrated fuel (SFI) / Ignition control system	Integrated fuel (SFI) / Ignition control system	Integrated fuel (SFI) / Ignition control system	Common rail electronic fuelling	Common rail electronic fuelling	Common rail electronic fuelling	Common rail electronic fuelling	Common rail electronic fuelling	Common rail electronic fuelling	
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 2 - 4 - 5 - 3	1 - 3 - 4 - 2	1 - 3 - 4 - 2	
Engine idling speed	750 rpm	750 rpm	750 rpm	720 rpm	720 rpm	875 - 950 rpm	850 rpm	850 rpm	850 rpm	720 rpm	825 rpm	825 rpm	
Fuel, rec. Octane	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	For best performance and lowest fuel consumption 98 RON is recommended. For normal driving 95 RON can be used. 91 RON should only be used in exceptional cases.	Diesel. Cetane Number min 48	Diesel. Cetane Number min 48	Diesel. Cetane Number min 48	Diesel. Cetane Number min 48	Diesel. Cetane Number min 48	Diesel. Cetane Number min 48
Max engine speed	6150 rpm	6150 rpm	6150 rpm	6500 rpm	6500 rpm	6000 rpm	5000 rpm	5000 rpm	5000 rpm	5000 rpm	5000 rpm	5000 rpm	
Max output	88 kW (120 hp) / 4500 rpm	110 kW (150 hp) / 5700 rpm	132 kW (180 hp) / 5700 rpm	132 kW (180 hp) / 5000 rpm	157 kW (213 hp) / 6000 rpm	180 kW (245 hp) / 5500 rpm	84 kW (115 hp) / 3600 rpm	84 kW (115 hp) / 3600 rpm	84 kW (115 hp) / 3600 rpm	110 kW (150 hp) / 3500 rpm	140 kW (190 hp) / 4250 rpm	140 kW (190 hp) / 4250 rpm	
Max torque	240 / 27-50 Nm / rps	240 / 27-67 Nm / rps	240 / 27-83 Nm / rps	300 / 45-67 Nm / rps	300 / 45-83 Nm / rps	350 / 25-80 Nm / rps	270 / 29-42 Nm / rps	270 / 29-42 Nm / rps	270 / 29-42 Nm / rps	350 / 25-46 Nm / rps	400 / 29-42 Nm / rps	400 / 29-42 Nm / rps	
<b>Transmissions</b>													
Transmissions	B6-D2	B6-D2	B6-GSD / MPS6-7	AW TF-80SD	AW TF-80SD	AW TG-81SC	B6-D2	B6-D2	B6-D2 / MPS6-4/ MPS6-4	M66D / AW TF-80SD	M66F	M66H / AW TG-81SC	
First Gear	3,727	3,727	3,727 / 3,818	4,148	4,148	5,250	3,727	3,727	3,727 / 3,583 / 3,583	3,385 / 4,148	3,583	3,385 / 5,250	
Second Gear	2,048	2,048	2,048 / 2,150	2,370	2,370	3,029	2,048	2,048	2,048 / 1,952 / 1,952	1,905 / 2,370	2,050	1,952 / 3,029	
Third Gear	1,258	1,258	1,357 / 1,407	1,556	1,556	1,950	1,258	1,258	1,258 / 1,194 / 1,194	1,194 / 1,556	1,267	1,267 / 1,950	
Fourth Gear	0,919	0,919	1,032 / 1,029	1,155	1,155	1,457	0,919	0,919	0,919 / 0,842 / 0,842	0,838 / 1,155	0,838	0,868 / 1,457	
Fifth Gear	0,738	0,738	0,821 / 1,188	0,859	0,859	1,221	0,738	0,738	0,738 / 0,943 / 0,943	0,652 / 0,859	0,617	0,652 / 1,221	
Sixth Gear	0,622	0,622	0,690 / 0,971	0,686	0,686	1,000	0,622	0,622	0,622 / 0,789 / 0,789	0,540 / 0,686	0,510	0,540 / 1,000	
Seventh Gear	-	-	-	-	-	0,809	-	-	-	-	-	- / 0,809	
Eighth Gear	-	-	-	-	-	0,673	-	-	-	-	-	- / 0,673	
Reverse Gear	3,818	3,818	3,818 / 5,284	3,394	3,394	4,015	3,818	3,818	3,818 / 4,843 / 4,843	2,615 / 3,394	2,833	2,692 / 4,015	
Manual Gearbox/final drive	3,61	3,61	3,61	-	-	-	3,35	3,35	3,35	3,77	3,57 (gear 1-6) - 4,32 (gear R)	3,77 (gear 1-6) - 4,62 (gear R)	
Automatic Gearbox/final drive	-	-	3,933 (gear 1-4) - 2,682 (gear 5-6+R)	3,46	3,46	2,77	-	-	3,933 (gear 1-4) - 2,682 (gear 5-6+R) / 3,933 (gear 1-4) - 2,682 (gear 5-6+R)	3,08	-	2,67	
<b>Performance</b>													
Performance	Manual	Manual	Manual / Automatic	Automatic	Automatic	Automatic	Manual	Manual	Manual / Automatic / Automatic	Manual / Automatic	Manual	Manual / Automatic	
Gearbox	B6-D2	B6-D2	B6-GSD / MPS6-7	AW TF-80SD	AW TF-80SD	AW TG-81SC	B6-D2	B6-D2	B6-D2 / MPS6-4/ MPS6-4	M66D / AW TF-80SD	M66F	M66H / AW TG-81SC	
Acceleration, 0-100 km/h	9,9 sec	8,8 sec	7,7 sec / 8,5 sec	7,9 sec	6,9 sec	6,3 sec	11,9 sec	11,9 sec	11,9 sec / 12,1 sec / 12,1 sec	9,6 sec / 9,3 sec	7,5 sec	7,4 sec / 7,2 sec	
Top speed, km/h	195 km/h	210 km/h	225 km/h / 225 km/h	220 km/h	230 km/h	240 km/h	190 km/h	190 km/h	190 km/h / 190 km/h / 190 km/h	210 km/h / 205 km/h	190 km/h	230 km/h / 230 km/h	
Fuel consumption (EC 199/100, Combined)	5,3 l/100km	5,3 l/100km	5,5 l/100km (6.2 l/100km*) / 6.1 l/100km (6.4 l/100km*) <sup>1</sup>	7,5 l/100km	7,5 l/100km	5,9 l/100km	3,4 l/100km <sup>1</sup>	3,3 l/100km <sup>1</sup>	3,7 l/100km / 3.9 l/100km* / 4.0 l/100km <sup>1</sup>	4,3 l/100km (4.9 l/100km*) / 5.2 l/100km (5.4 l/100km*) <sup>1</sup>	3,3 l/100km <sup>1</sup>	3,8 l/100km (3.7 l/100km*) / 4.2 l/100km (4.0 l/100km*) <sup>1</sup>	
CO <sup>2</sup>	124 g/km	124 g/km	129 g/km (144 g/km*) / 143 g/km (149 g/km*) <sup>1</sup>	174 g/km	174 g/km	137 g/km	88 g/km <sup>1</sup>	85 g/km <sup>1</sup>	96 g/km / 102 g/km* / 105 g/km <sup>1</sup>	114 g/km (129 g/km*) / 136 g/km (143 g/km*) <sup>1</sup>	85 g/km <sup>1</sup>	99 g/km (96 g/km*) / 109 g/km (106 g/km*) <sup>1</sup>	
* - Restricted offer													
<b>Measurements and Volumes</b>													
Length	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	4369 mm	
Width (including mirrors, folded)	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	1857 mm	
Width (including mirrors, outer edge)	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	2041 mm	
Body width	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	
Height (Including shark fen)	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	
Height (Excluding shark fen)	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	1420 mm	
Wheelbase (L110)	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	2647 mm	
Track, front (46 / 50 / 52.5 mm)	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	1559 mm / 1551 mm / 1546 mm	
Track, rear (46 / 50 / 52.5 mm)	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	1546 mm / 1538 mm / 1533 mm	
Ground clearance (Std / Sport chassis)	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	133 - 144 mm / 121 - 133 mm	
<b>Weight/Miscellaneous</b>													
Running Order Weight (Depending on type of engine, gearbox etc.)	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	1463 kg - 1615 kg	
Total Weight (Depending on type of engine, gearbox etc.)	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	1890 kg - 2040 kg	
Max trailer weight, Unbraked (Max)	650 kg	650 kg	650 kg / 700 kg	700 kg	700 kg	700 kg	650 kg	650 kg	650 kg / 700 kg	700 kg man / 750 kg aut	700 kg	700 kg man / 700 kg aut	
Max trailer weight, Braked (Max)	1300 kg	1300 kg	1300 kg man / 1500 kg aut	1500 kg	1500 kg	1500 kg	1300 kg	1300 kg	1300 kg	1500 kg	1500 kg	1500 kg	
Fuel tank, Petrol	62 l	62 l	62 l	62 l	62 l	62 l	-	-	-	-	-	-	
Fuel tank, Diesel	-	-	-	-	-	-	52 l	52 l	52 l	60 l	62 l	62 l	
Aerodynamics, (Cd)	0,31	0,31	0,31	0,31	0,31	0,31	0,29	0,29	0,29	0,31	0,31	0,31	
Aerodynamics, (Frontal area)	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	2,17 m²	
Max roof load	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	
<b>Interior Measurements</b>													
Headroom with sunroof (front/rear)	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	948 mm / 922 mm	
Headroom maximum without sunroof (front/rear)	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	984 mm / 932 mm	
Passenger compartment width at shoulder height (front/rear)	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	1396 mm / 1349 mm	
Leg room (front/rear)	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	1073 mm / 847 mm	
Hip room (front/rear)	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	1374 mm / 1352 mm	
Cargo length from the second seatback to the tailgate measured at the height of the floor covering (std / opt)	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	684 mm / 782 mm	
Cargo length from the first seatback to the tailgate measured at the height of the floor covering (std / opt)	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	1508 mm / 1545 mm	
Cargo floor height to ground (std / opt)	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	522 mm / 624 mm	
Rear opening height	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	532 mm	
Cargo height (rear wheel center and car center line) (std / opt)	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	760 mm / 644 mm	
Width of luggage compartment between wheelhouses	960 mm	960 mm	960 mm										