2017 Volvo V40 Specifications

	V40 T2 (122 hp) man	V40 T2 (122 hp) aut	V40 T3 (152 hp) man	V40 T3 (152 hp) aut	V40 T4 (190 hp) man / aut	V40 T5 (245 hp) aut	V40 D2 (120 hp) man/aut	V40 D3 (150 hp) man/aut	V40 D4 (190 hp) man/aut
Engine									
Engines	B4204T38	B4154T5	B4204T37	B4154T4	B4204T19	B4204T11	D4204T8	D4204T9	D4204T14
Type	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line 4 cyl. turbo diesel	In-line 4 cyl. turbo diesel	In-line 4 cyl. twin turbo diesel
Configuration	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD
Displacement	1969 cm³	1498 cm³	1969 cm³	1498 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³
Bore	82,0 mm	82,0 mm	82,0 mm	82,0 mm	82,0 mm	82,0 mm	82,0 mm	82,0 mm	82,0 mm
Stroke	93,2 mm	70,9 mm	93,2 mm	70,9 mm	93,2 mm	93,2 mm	93,2 mm	93,2 mm	93,2 mm
Compression ratio	11,3:1	10,5:1	11,3:1	10,5:1	11,3:1	10,8:1	16,0:1	16,0:1	15,8:1
Valves, no/cylinder	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.
DOHC / SOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC
Engine management system	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	850 rpm ± 100	850 rpm ± 100	850 rpm ± 100	850 rpm ± 100	850 rpm ± 100	850 rpm ± 100	850 rpm ± 150	850 rpm ± 150	850 rpm ± 150
Fuel, rec. Octane	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	Diesel [1]	Diesel [1]	Diesel [1]
Max engine speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	4500 rpm	4500 rpm	5000 rpm
Max output	90 kW (122 hp) / 5000 rpm	90 kW (122 hp) / 5000 rpm	112 kW (152 hp) / 5000 rpm	112 kW (152 hp) / 5000 rpm	140 kW (190 hp) / 4700 rpm	180 kW (245 hp) / 5500 rpm	88 kW (120 hp) / 3750 rpm	110 kW (150 hp) / 3750 rpm	140 kW (190 hp) / 4250 rpm
Max torque	220 / 18-58 Nm / rps	220 / 27-58 Nm / rps	250 / 22-67 Nm / rps	250 / 28-67 Nm / rps	300 / 22-67 Nm / rps	350 / 25-80 Nm / rps	280 / 25-38 Nm / rps	320 / 29-50 Nm / rps	400 / 29-42 Nm / rps

[1] According to EN590 Maximum biodiesel (FAME) content 7%

	V40 T2 (122 hp) man	V40 T2 (122 hp) aut	V40 T3 (152 hp) man	V40 T3 (152 hp) aut	V40 T4 (190 hp) man / aut	V40 T5 (245 hp) aut	V40 D2 (120 hp) man/aut	V40 D3 (150 hp) man/aut	V40 D4 (190 hp) man/aut
Transmissions									
Transmissions	M76 R6.2	AW TF-71SC	M76 R6.2	AW TF-71SC	M76 R6.2 / AW TF-71SC	AW TG-81SC	M76 R7.0 / AW TF-71SC	M76 R7.0 / AW TF-71SC	M66H / AW TG-81SC
First Gear	3,583	4,044	3,583	4,044	3,385 / 4,044	5,250	3,583 / 4,044	3,583 / 4,044	3,385 / 5,250
Second Gear	2,048	2,371	2,048	2,371	2,048 / 2,371	3,029	2,048 / 2,371	2,048 / 2,371	1,952 / 3,029
Third Gear	1,310	1,556	1,310	1,556	1,310 / 1,556	1,950	1,290 / 1,556	1,290 / 1,556	1,267 / 1,950
Fourth Gear	0,919	1,159	0,919	1,159	0,919 / 1,159	1,457	0,886 / 1,159	0,886 / 1,159	0,868 / 1,457
Fifth Gear	0,690	0,852	0,690	0,852	0,690 / 0,852	1,221	0,651 / 0,852	0,651 / 0,852	0,652 / 1,221
Sixth Gear	0,578	0,672	0,578	0,672	0,578 / 0,672	1,000	0,511 / 0,672	0,511 / 0,672	0,540 / 1,000
Seventh Gear	-	-	-	-	-	0,809	-	-	- / 0,809
Eighth Gear	-	-	-	-	-	0,673	-	-	- / 0,673
Reverse Gear	3,333	3,193	3,333	3,193	3,333 / 3,193	4,015	3,333 / 3,193	3,333 / 3,193	2,692 / 4,015
Manual Gearbox/final drive	3,833 (gear 1-6) - 4,313 (gear R)	-	3,833 (gear 1-6) - 4,313 (gear R)	-	3,833 (gear 1-6) - 4,313 (gear R)	-	3,833 (gear 1-6) - 4,313 (gear R)	3,833 (gear 1-6) - 4,313 (gear R)	3,773 (gear 1-6) - 4,622 (gear R)
Automatic Gearbox/final drive	-	3,234	-	3,234	3,234	2,770	3,234	3,234	2,666
Performance									
Performance	Manual	Automatic	Manual	Automatic	Manual / Automatic	Automatic	Manual / Automatic	Manual / Automatic	Manual / Automatic
Gearbox	M76 R6.2	AW TF-71SC	M76 R6.2	AW TF-71SC	M76 R6.2 / AW TF-71SC	AW TG-81SC	M76 R7.0 / AW TF-71SC	M76 R7.0 / AW TF-71SC	M66H / AW TG-81SC
Acceleration, 0-100 km/h	10,4 sec	9,8 sec	8,9 sec	8,3 sec	7,8 sec / 6,9 sec	6,3 sec	10,5 sec / 10,5 sec	8,4 sec / 8,4 sec	7,4 sec / 7,2 sec
Top speed, km/h	190 km/h	190 km/h	210 km/h	210 km/h	210 km/h / 210 km/h	240 km/h	190 km/h / 190 km/h	210 km/h / 210 km/h	230 km/h / 230 km/h
Fuel consumption (EC 199/100, Combined)	5,6 l/100km / 5,4 l/100km* [1]	5,5 l/100km / 5,4 l/100km* [1]	5,6 l/100km	5,5 l/100km	5,6 l/100km / 5,5 l/100km	5,9 l/100km	3,6 l/100km (3,4 l/100km) / 3,9 l/100km (3,8 l/100km*) [1]	3,8 l/100km (3,6 l/100km*) / 4,1 l/100km (4,0 l/100km*) [1]	3,8 l/100km (3,7 l/100km*) / 4,2 l/100km (4,0 l/100km*) [1]
CO^2	127 g/km / 123 g/km* [1]	129 g/km / 125 g/km* [1]	127 g/km	129 g/km	127 g/km / 128 g/km	137 g/km	94 g/km (89 g/km) / 104 g/km (100 g/km*) [1]	101 g/km (96 g/km*) / 108 g/km (105 g/km*) [1]	99 g/km (96 g/km*) / 109 g/km (106 g/km*) [1]

[1] * = Restricted offer

	V40 T2 (122 hp) man	V40 T2 (122 hp) aut	V40 T3 (152 hp) man	V40 T3 (152 hp) aut	V40 T4 (190 hp) man / aut	V40 T5 (245 hp) aut	V40 D2 (120 hp) man/aut	V40 D3 (150 hp) man/aut	V40 D4 (190 hp) man/aut
Measurements and Volumes									
Length	4370 mm	4370 mm	4370 mm	4370 mm	4370 mm	4370 mm	4370 mm	4370 mm	4370 mm
Width (including mirrors, folded)	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
Body width	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm	1783 mm
Height (Including shark fin)	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm	1439 mm
Height (Excluding shark fin)	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
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
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
Ground clearance (Std / Sport chassis)	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm	133 mm - 144 mm / 121 mm - 133 mm
Weight/Miscellaneous									
Weight (Depending on type of engine, gearbox etc.)	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg	1532 kg - 1615 kg
Total Weight (Depending on type of engine, gearbox etc.)	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg	1920 kg - 2025 kg
Max trailer weight, Unbraked (Max)	700 kg	700 kg	700 kg	700 kg	700 kg	700 kg	650 kg man / 700 kg aut	700 kg	700 kg man / 700 kg aut
Max trailer weight, Braked (Max)	1500 kg	1500 kg	1500 kg	1500 kg	1500 kg	1500 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	-	-	-	-	-	-	40 l / 62 l	62 l	62 l
Aerodynamics, (Cd)	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32	0,29 - 0,32
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
Max roof load	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg
Interior Measurements									
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
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
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
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
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
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
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
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
Rear opening height	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
Width of luggage compartment between wheelhouses	960 mm	960 mm	960 mm	960 mm	960 mm	960 mm	960 mm	960 mm	960 mm
Rear opening width at floor, min.	916 mm	916 mm	916 mm	916 mm	916 mm	916 mm	916 mm	916 mm	916 mm
Chassis									
Suspension front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Suspension rear	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar
Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering	Electrically Power Assisted Rack and Pinion Steering
Steering (angleranglе)	14,7	14,7	14,7	14,7	14,7	14,7	14,7	14,7	14,7
Turning circle (Curb to curb) (205/225/235)	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m	10,8 m / 11,1 / 11,7 m
Turning circle (Wall to wall) (205/225/235)	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m	11,2 m / 11,5 / 12,0 m
Turns of steering wheel end to end (205/225/235)	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50	2,73 / 2,65 / 2,50
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)	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)	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)	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)	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Brake disc diameter (front)	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm	278 mm / 300 mm / 320 mm
Brake disc diameter (rear)	280 mm	280 mm	280 mm	280 mm	280 mm	280 mm	280 mm	280 mm	280 mm
Brake disc thickness (front)	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm
Brake disc thickness (rear)	11 mm	11 mm	11 mm	11 mm	11 mm	11 mm	11 mm	11 mm	11 mm
Braking distance 100-0 km/h	37 m	37 m	37 m	37 m	37 m	37 m	37 m	37 m	37 m