Volvo XC40

D4 AWD (D4204T12)

In-line 4-cyl. twin turbo diesel

Transverse, all wheel drive

ENGINES

Туре
Configuration
Displacement, cm ³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinder head material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence

Engine idling speed, rpm	
Fuel, rec. octane	
Max output, kW (hp)/rpm	
Max torque, Nm/rpm	

POWER AND TORQUE \rightarrow

82.0	
93.2	
Aluminium	
Aluminium	
10.8:1	
4	
2	
Gasoline direct inje	ction
1 - 3 - 4 - 2	
875±50	
95-98 RON	
182 (247)/5500	
350/1800-4800	
Power [kW] 275	Torqu [Nm 551
250	50
225	45
200	400
175	351
1/5	
150	301
125	25
100	- 20
75	154
	15
50	- Power 10
25	- Torque 50
1000 2000 3000 4	00 500 6000 7000
Engine	000 5000 6000 7000 espeed om]
-	5113
AW TG-81SC	3.329
	0.020
	Automati
	6.

T5 AWD (B4204T14)

1969

In-line 4-cyl. turbocharged

Transverse, all wheel drive

1969	
82.0	
93.2	
Aluminium	
Aluminium	
15.8:1	
4	
2	
Electronically controlle	
common rail direct inje	ection
1 - 3 - 4 - 2	
825±150	
Diesel*2	
140 (190)/4000	
400/1750-2500	
Power [kW]	Torque [Nm]
275	550
250	500
225	450
200	400
	400
175	350
150	300
125	250
100	200
75	150
50	100
25	Power Torque
	55
	000 6000 7000
Engine speed [rpm]	
-	
AW TG-81SC	3.200

Manual gearbox/final drive	-
Automatic gearbox/final drive	AW TG
PERFORMANCE	
Gearbox	
Acceleration, 0-100 km/h (sec)	
Top speed, km/h	
FUEL CONSUMPTION	
I/100 km / CO ₂ g/km	
Tyre class A Combined *1	
Tyre class B Combined *1	

atic	Automa	atic
6.5		7.9
230	2	210
	5.0 / 131	
	5.1 / 135	
	5.1 / 135	
	6.4-7.1 / 166-185	

*2 According to EN590. Maximum biodiesel (FAME) content 7%

* 1 NEDC figures correlated from WLTP based testing

Tyre class C Combined *1

Combined, WLTP (low-high)

TRANSMISSIONS

8-speed automatic gearbox

RATIO	AW TG-81SC
First	5.250
Second	3.029
Third	1.950
Fourth	1.457
Fifth	1.221
Sixth	1.000
Seventh	0.809
Eighth	0.673
Reverse	4.015

front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers,
	Stabilizer Bar
	Electrical Power Assisted Rack
	11.4 m
	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD)
	and Electronic Brake Assistance (EBA)
	36 m
front	322 mm / 345 mm (brake disc; 17"/18")
rear	302 mm
	rear front

7.1 / 164

7.2 / 168

7.2 / 168

8.3-9.1 / 189-205

MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (CM)	
Length	442.5
Width (body width)	186.3
Width (mirrors folded)	191.0
Width (incl. mirrors)	203.4
Height (incl. shark fin)	165.2
Wheelbase	270.2
Track, front	160.1
Track, rear	162.6
Wading capability *3	45.0
Ground clearance	21.1

WEIGHTS/MISCELLANEOUS

Weight, kg (min-max, depending on setup)	1684 - 1733
Fuel tank, I	54
SCR tank, I (D4204T12 *4)	14.5
Max. trailer weight, kg	2100
Max roof load, kg	75
Approach angle (degr.)	21.7
Breakover angle (degr.)	21.9
Departure angle (degr.)	30.4
Drag coefficient, Cd	0.34 - 0.37

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* ³ Depth (at walking speed) * ⁴ Market codes; 10, 14, 15, 19, 26, 41, 48, 49 & 50

INTERIOR MEASUREMENTS (CM)

Headroom without panorama roof (front/rear) (H61-1/H61-2)	99.1/99.4
Headroom with panorama roof (front/rear) (H61-1 SR/H61-2 SR)	95.5/97.4
Headroom maximum, without sunroof (front) (H62-1)	103.0
Passenger compartment width at shoulder height (front/rear) (W3-1/W3-2)	144.0/142.9
Leg room (front/rear) (L34/L51-2)	104.0/91.7
Cargo volume, including under floor storage (ISO V211-2) (litres)	460
Cargo volume, including under floor storage (ISO V214-1) (litres)	1336
Cargo length from the first seatback to the tailgate measured at:	
- the height of the floor covering (L202-1)	167.0
Cargo length from the second seatback to the tailgate measured a	at:
- the height of the floor covering (L202-2)	88.7
Cargo height (rear wheel center and car center line) (H201)	74.6
Rear opening height (car center line) (H202)	73.3
Cargo floor height to ground (curb weight) (H253)	75.5
Cargo floor width, min. (between wheelhouses) (W202)	100.4
Rear opening width (upper, min) (W205)	94.7
Rear opening width (at floor, min) (W207)	105.9







