Torque [Nm]

D4 AWD (D4204T12) In-line 4-cyl. twin turbo diesel Transverse, all wheel drive

Electronically controlled common rail direct injection

1 - 3 - 4 - 2 825±150 Diesel*2

140 (190)/4000

400/1750-2500

Power [kW]

93.2 Aluminium Aluminium 15.8:1 4 2

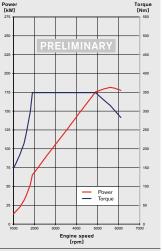
Volvo XC40

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

T5 AWD (B4204T14)
In-line 4-cyl. turbocharged
Transverse, all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.8:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
875±50
95-98 RON

182 (247)/5500

350/1800-4800



Automatic 6.5 230

-			
AW TO	i-81SC	3.200	
		Au	tomatic
			7.9
			210
	5.0 /	131	
	5.1 /	133	
	5.2 /	135	
	6.3-7.0 /	166-185	;

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

Power Torque

POWER AND TORQUE →

Max torque, Nm/rpm

	[rpm]
Manual gearbox/final drive	-
Automatic gearbox/final drive	AW TG-81SC 3.329
PERFORMANCE	
Gearbox	Auto
Acceleration, 0-100 km/h (sec)	
Top speed, km/h	
FUEL CONSUMPTION	
I/100 km / CO ₂ g/km	
Tyre class A Combined *1	7.2 / 164
Tyre class B Combined *1	7.3 / 166
Tyre class C Combined *1	7.4 / 168
Combined, WLTP (low-high)	8.3-9.0 / 189-205

* 1	NEDC figures	correlated	from W	LTP base	d testing

TRANSMISSIONS		
8-speed autor	natic gearbox	

AW TG-81SC
5.250
3.029
1.950
1.457
1.221
1.000
0.809
0.673
4.015

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Ba
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers,
		Stabilizer Bar
Steering		Electrical Power Assisted Rack
Turning circle, (curb to curb)		11.4 m
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD
		and Electronic Brake Assistance (EBA)
Braking distance, 100-0 km/h		36 m
Brake disc diameter	front	322 mm / 345 mm (brake disc; 17"/18")
	rear	302 mm

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

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

- * 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

