New Jeep® Cherokee

Technical specifications

Specifications are based on the latest product information available at the time of publication.

All dimensions are in millimeters at curb weight and with standard wheels and tires unless otherwise noted.

Note: Information shown is correct at time of publication, and is subject to change without notice.

GENERAL INFORMATION	
Body Style	Sport-utility vehicle (SUV)
Assembly Plant	Toledo North Assembly Plant, Toledo, Ohio
EPA Vehicle Class	Multipurpose vehicle
BODY AND CHASSIS	
Layout	Transverse front engine, 4x2 and 4x4
Construction	Steel uniframe
ENGINE: 2.0-LITRE I-4 16-VALVE MULTIJET II	
Availability	Sport, Longitude and Limited
Type and Description	In line 4-cylinder, turbocharged
Displacement	1,956 cc
Bore x Stroke	83 x 90.4
Valve System	DOHC, four valves per cylinder (16 total)
Fuel Injection	High pressure compression injection 1,600-bar common-rail, with solenoid injectors and Multijet II technology
Construction	Cast iron engine block, aluminum cylinder head
Compression Ratio	16,5:1
Power	170 hp (125 kW)@ 4,000 rpm 140 hp (103 kW)@ 3,750 rpm
Torque	350 Nm @1,750 rpm 350 Nm @1,500 rpm
Max. Engine Speed	5,000 rpm (electronically limited)
Emission Controls	Diesel particulate filter DPF, low-pressure cooled EGR
Emission Class	Euro 5+
Engine Assembly Plant	Pratola Serra, Italy
ENGINE: 3.2-LITRE DOHC 24-VALVE V-6	
Availability	Limited and Trailhawk
Type and Description	60-degree V-type, liquid-cooled

Displacement	3,239 cc
Bore x Stroke	91.0 x 83.0
Valve System	Chain-driven, DOHC, 24 valves, with hydraulic roller finger followers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Die cast aluminum block, aluminum alloy heads
Compression Ratio	10.7:1
Power	272 hp (200 kW) @ 6,500 rpm
Torque	315 Nm@ 4,300 rpm
Max. Engine Speed	6,500 rpm, electronically limited
Emission Controls	Two mini-oxidation three-way catalytic converters; four heated oxygen sensors and internal engine features[(a)]
Emission Class	Euro 6
Engine Assembly Plant	Trenton Engine, Trenton, Mich.
ENGINE: 2.4-LITRE MULTIAIR II TIGERSHARK I-4 (only in Russia and Middle East)	
Availability	Sport, Longitude and Trailhawk
Type and Description	Inline four-cylinder, 16-valve MultiAir with multiport fuel injection
Displacement	2,360 cc
Bore x Stroke	88.0 x 97.0
Valve System	SOHC, four valves per cylinder (16 total)
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power	177 hp (130 kW) @ 6,400 rpm
Torque	229 Nm @ 3,900 rpm
Max. Engine Speed	6,500 rpm
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor
Emission Class	Euro 6
Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich.
TRANSMISSION: 948TE NINE-SPEED AUTOMATIC	
Availability	Standard on petrol models and 170 hp 2.0-litre diesel models
Description	Planetary gear train, transverse layout
Gear Ratio	
1st	4.70

2nd	2.84
3rd	1.91
4th	1.38
5th	1.00
6th	0.81
7th	0.70
8th	0.58
9th	0.48
Rev	3.83
TRANSMISSION: SIX-SPEED MANUAL	
Availability	Standard on 140 hp 2.0-litre diesel models
Description	1st, 2nd, 3rd gear: Triple cone 4th: Double cone
Gear Ratio	
1st	4.154
2nd	2.118
3rd	1.361
4th	0.978
5th	0.756
6th	0.622
Rev	4.000
Rear Axle Ratios	2.0-litre (140 hp) 4x2 & 4x4 — 3.833 2.0-litre (170 hp) 4x4 — 3.734 3.2-litre 4x4 I — 3.251 3.2-litre 4x4 LOCK— 3.517 2.4-litre 4x2/4x4 I & LOCK — 3.734
4X4 SYSTEMS: JEEP ACTIVE DRIVE I, JEEP ACTIVE DRIVE II AND JEEP ACTIVE DRIVE LOCK	
Availability	Jeep Active Drive I is available on Longitude and Limited models (engines: 2.0-litre diesel, 3.2-litre and 2.4-litre petrol); Jeep Active Drive II on Limited (2.0-litre engine); Jeep Active Drive Lock is standard on Trailhawk (3.2-litre and 2.4-litre petrol)
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement Electronic 4x4 Low and Neutral range shifting Full-time 4x4 mode with active on demand clutch
Operating Modes	Auto 4x2/4x4, 4x4 Low, Neutral
Center Differential Type	None
Terrain Response	Unique tuning in all terrain modes
Low-range Ratio	2.92:1
ELECTRICAL SYSTEM	

Alternator	160-amp, 180-amp optional
Battery	600-amp maintenance-free, 730-amp optional
SUSPENSION	
Front	McPherson strut, long travel coil springs, one-piece aluminum sub-frame, aluminum lower control arms, stabilizer bar
Rear	Four link rear suspension with trailing arm, aluminum lateral links, isolated high-strength steel rear cradle, coil springs, and stabilizer bar
STEERING	
Type	Electric Power rack and pinion
Overall Ratio	15.1 4x2 and 4x4, 15.3 4x4 Lock
Turning Diameter (curb-to-curb)	4x2: 11 m 4x4 I: 11.6 m 4x4 Jeep Active Drive Lock: 12 m
Steering Turns (lock-to-lock)	2.56 4x2 and 4x4, 2.67 4x4 Lock
BRAKES	
Front	
Size and Type	330 x 28 vented rotor with 60 single-piston floating caliper
Swept Area (per caliper)	651.1 cm2, 1 x 60; 839.4 cm^2, 2 x 48
Rear	
Size and Type	278 x 12 solid rotor with 38 single-piston floating caliper
Swept Area (per caliper)	638.6 cm2 1 x 38; 754.8 cm^2 1 x 43
Power-assist Type	230 x 230 tandem diaphragm, vacuum assist
Four-wheel anti-lock brake system (ABS)	Standard
Electronic stability control (ESC)	Standard
Parking Brake Type	Electric motor on caliper
DIMENSIONS AND CAPACITIES	
Wheelbase	2,699 4x2, 2,700: 4x4 I, 2,719: 4x4 II & 4x4 Lock
Track, Front/Rear	1,586/1,584 4x2 and 4x4 I, 1,599 /1,606 4x4 II, 1,619 /1,626 4x4 Lock
Overall Length	4,623 4x2, 4,624 4x4 I & II, 4,626 4x4 Lock
Overall Width	1,859 4x2 and 4x4 I & II, 1,904 4x4 Lock
Overall Height (with roof rack)	1,669 4x2, 1,670 4x4 I, 1,697 4x4 II, 1,722 4x4 Lock
Ground Clearances (min)	142 – 151 mm (4x2 2.0-litre and 2.4 litre); 157 - 168 mm (4x4 I 2.0-litre and 3.2-litre); 183 mm (4x4 II); 221 mm (4x4 Lock)
Approach Angle, (with air dam) (degrees)	29.9 4x4 Lock; 18.2 4x4 I, 20 4x4 II, 16.9 4x2;

Breakover Angle (degrees)	22.9 4x4 Lock; 18.4 4x4 I; 20.6 4x4 II, 17.8 4x2;
Departure Angle (degrees)	32.1 4x4 Lock; 24.0 4x4 I; 25.9 4x4 II, 24.5 4x2;
Curb Weight, (kg)	
2.0-litre turbodiesel	1,828 (4x2 MTX)/1,921-1,947 (4x4 I MTX)/1,953(4x4 I ATX)
3.2-litre petrol	1,892-1,906 (4x4 I), 2,036 (4x4 LOCK)
2.4-litre petrol	1,738-1,761 (4x2)/1,842-1,866 (4x4 I)/1,894-1,904 (4x4 LOCK)
Weight Distribution, 4x4, F/R	57/43
GVWR	
2.0-litre turbodiesel	2,291 (4x2 MTX)/2,450 (4x4 I MTX)/2,475 (4x4 I ATX)
3.2-litre petrol	2,435 (4x4 I), 2,495 (4x4 LOCK)
2.4-litre petrol	2,291 (4x2 ATX)/2,385 (4x4 I)/2,425 (4x4 LOCK)
ACCOMMODATIONS	
Seating Capacity — Front/Rear	2/3
Front Row	
Head Room without Sunroof	999.9
Head Room with Sunroof	964.5
Legroom	1,045
Shoulder Room	1,462.3
Hip Room	1,366.6
Seat Travel	210 driver / 190 front passenger
Second Row	
Head Room	978.2
Legroom	1,023.2
Knee Clearance	90.1
Shoulder Room	1,399.8
Hip Room	1,268.1
Cargo Access	
Liftover Height	785.6 4x4
Maximum Cargo Width at Liftgate Opening	1,051 without subwoofer
Minimum Cargo Width at Liftgate Opening	917.2 at top of opening
Maximum Cargo Height at Liftgate Opening	825.0 4x4 Lock
Minimum Cargo Height at Liftgate Opening	780.0 4x2
Cargo Volumes	

Behind 2nd row seat up till headliner	591 l (rear seat at design position) 714 l (rear seat at full forward)
Behind 1st row seat up till headliner	1,267 l
Under tonneau cover	412 l (rear seat at design position) 500 l (rear seat at full forward)
TRAILER TOWING (kg)	
2.4-LITRE	2,200
3.2-LITRE	2,200
2.0-LITRE	1,800 (140 hp 4x2 MTX)/1,600 (140 hp 4x4 I MTX)/2,475 (170 hp 4x4 I ATX)
WHEELS	
Availability	Standard on Sport
Type and Material	Steel
Size	17 x 7
Availability	Standard on Longitude/available on Sport
Type and Material	Painted Silver cast aluminum
Size	17 x 7
Availability	Standard on Limited/Available on Longitude
Type and Material	Polished aluminum
Size	18 x 7
Availability	Standard on Trailhawk
Type and Material	Polished aluminum with painted pockets
Size	17 x 7.5
TIRES	
Availability	Standard on Sport and Longitude
Size and Type	225/60R17
Mfr. and Model	Michelin Primacy 3
Availability	Standard on Limited
Size and Type	225/55R18
Mfr. and Model	Michelin Primacy 3

Availability	Available on Longitude
Size and Type	225/55R18
Mfr. and Model	Michelin Primacy 3

Availability	Standard on Trailhawk
Size and Type	P245/65R17 All-season M+S
Mfr. and Model	Yokohama Geolander SUV

PERFORMANCE

	2.0-litre turbo diesel 140 HP MTX	**2.0-litre turbo diesel 170 HP ATX**	**3.2-litre**	**2.4-litre**
Acc. 0–100 km/h	10.9 (4x2) – 12 (4x4) sec	10.3 (4x4 I)	8.1 (4x4 I) – 8.4 (4x4 LOCK)	10.5 (4x2) – 10.4 (4x4 I) – 12.1 (4x4 LOCK)
Top speed (km/h)	187 (4x2) 189 (4x4)	192 (4x4 I)	206 (4x4 I) 180 (4x4 Lock)	196 (4x2)187 (4x4 I) 175 (4x4 LOCK)
Fuel consumption (l/100 km, EU-standard)				
Urban cycle	6.4 (4x2 MXT)/6.8 (4x4 I MTX)	7.1 (4x4 I)	13.9 (4x4 I & LOCK)	11.6 (4x2)/12 (4x4 I & LOCK)
Extra-urban cycle	4.6 (4x2 MXT)/4.9 (4x4 I MTX)	5.1 (4x4 I)	7.7 (4x4 I & LOCK)	6.3 (4x2)/6.8 (4x4 I & LOCK
Combined cycle	5.3 (4x2 MXT)/5.6 (4x4 I MTX)	5.8 (4x4 I)	10 (4x4 I & LOCK)	8.3 (4x2)/8.8 (4x4 I & LOCK
CO_2 combined cycle (g/km)	139 (4x2 MXT)/147 (4x4 I MTX)	154 (4x4 I)	232 (4x4 I & LOCK)	193 (4x2)/204 (4x4 I & LOCK
Emissions class	Euro 5+	Euro 5+	Euro 6	Euro 6