

PRELIMINARY TECHNICAL SPECIFICATIONS

New Jeep® Cherokee outside North America

The information shown is based on data available at the time of publication (August 10, 2007) and is subject to change without notice. Specifications are valid for Europe and may vary in other international markets.

General Information

Body Style	Four-door sport-utility vehicle
Assembly Plant	Toledo North Assembly Plant; Toledo, Ohio, USA

Engines

3.7-litre Petrol Engine

Availability	Standard on Jeep Cherokee Sport and Limited
Type and Description	V-6, SOHC, liquid-cooled with balance shaft
Displacement	3.7 litres (3700cc / 225.8 cu. in.)
Bore x Stroke	93 x 90.8mm (3.66 x 3.57 in.)
Compression Ratio	9.7:1
Maximum Power	151 kW (205 hp DIN) @ 5200 rpm
Maximum Torque	314 Nm (232 lb.-ft.) @ 4000 rpm
Emission Class	Euro IV

2.8-litre Turbo Diesel Engine

Availability	Optional on Jeep Cherokee Sport and Limited
Type and Description	Four cylinders in-line, common-rail diesel, turbocharged
Displacement	2.8 litres (2766cc / 169 cu. in.)
Bore x Stroke	94 x 100mm (3.70 x 3.94 in.)
Compression Ratio	17.5:1
Maximum Power	130 kW (177 hp DIN) @ 3800 rpm
Maximum Torque	460 Nm (339 lb.-ft.) @ 2000 rpm
Emission Class	Euro IV

Transmissions

Six-speed Manual

Availability	Standard with 2.8-litre turbo diesel engine
Description	NSG 370: Six-speed, overdrive, synchronised in all forward gears and reverse, multi-rail shift system with top-mounted shifter

Four-speed Automatic

Availability	Standard with 3.7-litre petrol engine
Description	42RLE: Four-speed, overdrive, adaptive electronic control, electronically modulated converter clutch

Five-speed Automatic

Availability	Optional with 2.8-litre turbo diesel engine
Description	545RFE: Five-speed, overdrive, adaptive electronic control, electronically modulated converter clutch

Drivetrain

Selec-Trac® II Transfer Case

Availability	Standard on Jeep Cherokee Sport and Limited
Type	MP3022: Two-speed, full-time, electronic shift
Operating Ranges	4WD Auto, Neutral, 4WD Low
Torque Split (front/rear)	42/58 per cent
Low-range Ratio	2.72:1

Chassis and Running Gear

Front Suspension	Independent front suspension with short, long A-arms, coil springs, gas-charged shock absorbers, stabiliser bar
Rear Suspension	Five-link with coil springs (upper and lower trailing arms, track bar) on a live axle, stabiliser bar and gas-charged shock absorbers
Steering Type	Power rack-and-pinion
Wheels and Tyres (standard fit)	Sport: 16 x 7 in. with 255/75R16 all-season Limited: 17 x 7 in. with 235/65R17 all-season
Brakes	Four-wheel disc brakes; ABS with rough-road detection

Dimensions and Accommodations

Dimensions are in millimetres (inches) unless otherwise noted.

Overall Length	4492.9 (176.9)
Overall Width	1838 (72.4) without mirrors
Overall Height	1794 (70.6)
Wheelbase	2694 (106.1)
Track, Front	1549.4 (61.0)
Track, Rear	1549.4 (61.0)
Seating Capacity	Two front, three rear

Cargo Compartment Volume (ISO standard)

Behind rear seat	967L (34.1 cu. ft.)
Behind front seat, rear seat folded	1992L (70.3 cu. ft.)