

# 2015 Jeep® Cherokee

## SPECIFICATIONS

EMBARGO DATE: 12:01 a.m. on September 2, 2014

Specifications are for U.S. models only and are based on the latest product information available at the time of publication.

All dimensions are in inches (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
Introduction Date	October 2013 as a 2014 model

### BODY AND CHASSIS

Layout	Transverse front engine, 4x2 and 4x4
Construction	Steel uniframe

### ENGINE: 3.2-LITER PENTASTAR V-6 WITH ENGINE STOP-START (ESS)

Availability	Optional on Latitude, Limited and Trailhawk
Type and Description	60-degree V-type, liquid-cooled
Displacement	197.7 cu. in. (3,239 cc)
Bore x Stroke	3.58 x 3.27 (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 (SAE net)	271 hp (199 kW) @ 6,500 rpm (82.4 hp/liter)
Torque (SAE net)	239 lb.-ft. (316 N•m) @ 4,400 rpm
Max. Engine Speed	6,500 rpm, electronically limited
Fuel Requirement	Regular unleaded, 87 octane (R+M)/2
Oil Capacity	6.0 qt. (5.7 liter)
Coolant Capacity	9.7 qt. (9.2 liter)
Emission Controls	Two mini-oxidation three-way catalytic converters; four heated oxygen sensors; and internal engine features <sup>(a)</sup> Engine Stop/start technology

EPA Fuel Economy mpg (city/hwy/combined)	19/28/22 – 4x2 19/27/22 – Jeep Active Drive I 19/26/21 – Jeep Active Drive II 18/25/20 – Jeep Active Drive Lock
Engine Assembly Plant	Trenton Engine, Trenton, Mich.

(a) Meets ULEV II emission standard in all 50 states.

#### ENGINE: 2.4-LITER MULTIAIR2 TIGERSHARK I-4

Availability	Standard on Sport, Latitude, Limited and Trailhawk
Type and Description	Inline four-cylinder, 16-valve MultiAir with multiport fuel injection
Displacement	144 cu. in. (2,360 cc)
Bore x Stroke	88 X 97
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 (SAE net — estimated)	184 hp (137 kW) @ 6,400 rpm
Torque (SAE net — estimated)	171 lb.-ft. (234 N•m) @ 4,600 rpm
Max. Engine Speed	6,500 rpm
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.5 qt. / 5.2 liter
Coolant Capacity	7.1 qt. / 6.7 liter
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor <sup>(c)</sup> Partial zero-emissions vehicle in CARB states

Estimated EPA Fuel Economy (city/hwy/combined)	22/31/25 - 4x2 21/28/24 - Jeep Active Drive I 21/27/23 - Jeep Active Drive II 19/25/22 - Jeep Active Drive Lock
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Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich.
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(c) Meets Federal Tier 2, Bin 5 emission requirements and LEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon, Washington, Maryland, Arizona, and Delaware. (2014MY)

#### TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

Availability	Standard on all models
Description	Planetary gear train, transverse layout
Ratio Spread	9.81

#### Gear Ratio

1st	4.71
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
Axle Ratios	3.2-liter 4x2 — 3.251 3.2-liter 4x4 (non-trailer tow) — 3.251 3.2-liter 4x4 (trailer tow) — 3.517 2.4-liter 4x2 — 3.734 2.4-liter 4x4 (non-Trailhawk) — 3.734 2.4-liter 4x4 (Trailhawk) — 4.083

#### 4X4 SYSTEMS: JEEP ACTIVE DRIVE I, JEEP ACTIVE DRIVE II, JEEP ACTIVE DRIVE LOCK

Availability	Jeep Active Drive I is optional on Sport, Latitude, and Limited models. Jeep Active Drive II is optional on Latitude and Limited. Jeep Active Drive Lock is standard on Trailhawk
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement Electronic 4x4 Low and Neutral range shifting for Active Drive II and Lock Full-time 4x4 mode with active on demand clutch on all 4x4 systems
Operating Modes	Auto 4x2/4x4 4x4 Low, Neutral for Active Drive II and Lock
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, 700-amp AGM (with 3.2-liter engine with stop/start only)

## 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, stabilizer bar

## STEERING

Type	Electric power rack and pinion
Overall Ratio	15.15 4x2 and 4x4, 15.36 4x4 Lock
Turning Diameter (curb-to-curb)	4x2: 37.6 (11.5) 4x4 I: 37.7 (11.5) 4x4 II: 38.0 (11.6) 4x4 Jeep Active Drive Lock: 38.1 (11.6)
Steering Turns (lock-to-lock)	2.56 4x2 and 4x4, 2.67 4x4 Lock

## BRAKES

Front	
Size and Type	13 x 1.1 (330 x 28) vented rotor with 2.36 (60) single-piston floating caliper 13 x 1.1 (330 x 28) vented rotor with 1.89 (48) twin piston floating caliper (available)
Swept Area (per caliper)	100.9 sq. in. (651.1 sq. cm.), 1 x 60; 130.1 sq. in. (839.4 sq. cm.), 2 x 48
Rear	
Size and Type	10.95 x 0.47 (278 x 12) solid rotor with 1.5 (38) single-piston floating caliper 12.6 x 0.47 (320 x 12) solid rotor with 1.69 (43) single piston floating caliper (available)
Swept Area (per caliper)	99.0 sq. in. (638.6 sq. cm.) 1 x 38; 117.0 sq. in. (754.8 sq. cm.) 1 x 43
Power-assist Type	9 x 9 (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<sup>(a)</sup>**

Wheelbase	106.26 (2,699.1) 4x2, 106.3 (2,700) 4x4 I, 107.0(2,718.8) 4x4 Lock
Track, Front	62.2 (1,580.0) 4x4 and 4x2, 62.7 (1,593.5) 4x4 II, and 63.5 (1,613.5) 4x4 Lock
Track, Rear	61.9 (1,573.2) 4x4 and 4x2, 62.7 (1,594.1) 4x4 II, and 63.5 (1614.1) 4x4 Lock
Overall Length (NAFTA vehicles)	182 (4,624)
Overall Width	73.2 (1,858.8) 4x2 and 4x4, 74.9 (1,903.6) 4x4 Lock
Overall Height (with roof rack)	66.2 (1,682.9) 4x4, 65.7 (1,670.2) 4x2, 67.3 (1,710) 4x4 II, and 67.8 (1,723.3) 4x4 Lock
Load-floor height	30.9 (785.6) 4x4
Sill-step height	17.9 (453.8) front step height, 18.1(460.8) rear step height, 4x4
Ground Clearances (4x4 with P245/65R17 tires)	8.7 (221.6) minimum running ground clearance
Chassis	9.7 (247.8) cradle bolt head / 8.8 (222.9) front underbody skid plate
Fuel Tank	10.5 (266.2) (bolt under fuel tank) / 10 (255.3) brush guard
Front Axle	10.4 (265.4) two-speed PTU heat shield
Rear Axle	9.7 (246.4) two-speed RDM with locker
Approach Angle, (with air dam) (degrees)	29.9 4x4 Lock; 18.9 4x4 I, 21.0 4x4 II; 16.7 4x2;
Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 21.7 4x4 II; 17.7 4x2;
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 27.3 4x4 II; 24.6 4x2;
Aero Cd	0.339 (2.4-liter FWD with grille shutters)
Fuel-tank Capacity	15.9 gal. (60.0 liter)
Maximum occupants and cargo weight, lbs. (kg)	1,000 (454)
All models without Trailer-tow Group and equipped with aftermarket Class II type hitch	2,000 (907)
2.4-liter engine automatic transmission with Trailer Tow Package (Class III)	2,000 (907)
3.2-liter engine automatic transmission with Trailer Tow Package (Class III)	4,500 (2,041)
Curb Weight, lbs. (kg)	
2.4-liter 4x2	3,655 (1,658)
3.2-liter 4x2	3,779 (1,714)
2.4-liter 4x4	3,953 (1,793)
3.2-liter 4x4	4,046 (1835)
2.4-liter 4x4 Lock	4,028 (1,827)
3.2-liter 4x4 Lock	4,108 (1,863)

Weight Distribution, 4x4, F/R	57/43
GVWR	5,050 lbs. – 2.4-liter FWD 5,500 lbs – 2.4-liter 4x4, 3.2-liter FWD, 3.2-liter 4x4

(a) All dimensions measured with two passengers.

## ACCOMMODATIONS

Seating Capacity — Front/Rear	2/3
Front Row	
Head Room without Sunroof	39.4 (999.9)
Head Room with Sunroof	37.9 (964.5)
Legroom	41.1 (1,045)
Shoulder Room	57.6 (1,462.3)
Hip Room	53.8 (1,366.6)
Seat Travel	8.3 (210) driver / 7.5(190) front passenger
Recliner Range (degrees)	8 to 76 (manual) / 8 to 55.25 (powered)
SAE Volume (standard roof)	53.98 cu. ft.
Second Row	
Head Room	38.5 (978.2)
Legroom	40.3 (1,023.2)
Knee Clearance	3.5 (90.1)
Shoulder Room	55.1 (1,399.8)
Hip Room	49.9 (1,268.1)
Recliner Range (degrees)	19.25 to 25.25
SAE Cargo Volume (cu. ft.)	49.47
Cargo Access	
Liftover Height	30.9 (785.6) 4x4
Maximum Cargo Width at Liftgate Opening	41.4 (1,051) without subwoofer
Minimum Cargo Width at Liftgate Opening	36.1 (917.2) at top of opening
Maximum Cargo Height at Liftgate Opening	32.5 (825.0) 4x4 Lock
Minimum Cargo Height at Liftgate Opening	30.7 (780.0) 4x2
Distance Between Wheelhouse Interior Trim	39.4 (1,000.5)

SAE Cargo Volume	
Rear Seats Up, cu. ft. (cu. m)	24.6 (0.7)
Rear Seats Folded, cu. ft. (cu. m)	54.9 (1.555)
EPA Interior Volume Index, cu. ft. (cu. m)	128 (3.625)
Cargo Volume with Front Passenger Seat and Rear Seat Folded, cu. ft. (cu. m)	58.9 (1.6678)
Behind Rear Seat	24.6 cu. ft. (0.7 cu. m) rear seat at design position 26.9 ft <sup>3</sup> (0.76 m <sup>3</sup> ) rear seat at mid travel 29.1 ft <sup>3</sup> (0.82 m <sup>3</sup> ) rear seat at full forward
Behind Front-row Seats with Rear Seats Folded, cu. ft. (cu. m)	54.9 (1.6)

## WHEELS

Availability	Standard on Sport
Type and Material	Painted Silver full face steel
Size	17 x 7

Availability	Latitude / Available on Sport
Type and Material	Painted Silver cast aluminum
Size	17 x 7

Availability	Standard on Limited
Type and Material	Polished aluminum with non-painted pockets
Size	18 x 7

Availability	Standard on Limited / Available on Latitude
Type and Material	Polished aluminum with painted pockets
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 Latitude
Size and Type	225/60R17 BSW, All-season
Mfr. and Model	Firestone Destination LE2
Revs per Mile (km)	757 (470)
Availability	Standard on Limited
Size and Type	225/55R18 BSW, All-season
Mfr. and Model	Continental ProContact TX
Revs per Mile (km)	752 (467)
Availability	Available on Sport and Latitude
Size and Type	225/65R17 OWL, All-season
Mfr. and Model	Firestone Destination LE2
Revs per Mile (km)	734 (456)
Availability	Available on Limited
Size and Type	225/60R18 BSW, All-season
Mfr. and Model	Continental ProContact TX
Revs per Mile (km)	727 (452)
Availability	Standard on Trailhawk
Size and Type	P245/65R17 OWL All-terrain
Mfr. and Model	Firestone Destination A/T
Revs per Mile (km)	713 (443)
Parking Brake Type	Electronic park brake
Four-wheel anti-lock brakes	Standard on front-wheel-drive Sport, Latitude and Limited
All-speed traction control	Standard

