



JEEP® WRANGLER UNLIMITED SPECIFICATIONS

Preliminary Specifications

All dimensions are in inches (millimeters) unless otherwise noted.

Engine: 4.0-Liter, OHV, 12-Valve SMPI Power Tech I-6

Type and Description _____ In-line, liquid-cooled
Displacement _____ 242 cu. in. (3,956 cu. cm)
Bore x Stroke _____ 3.88 x 3.41 (98.4 x 86.7)
Valve System _____ OHV, 12 valves, flat followers, hydraulic lifters
Fuel Injection _____ Sequential, multi-port, electronic
Construction _____ Cast-iron block and head
Compression Ratio _____ 8.8:1
Power (SAE net) _____ 190 bhp (142 kW) @ 4,600 rpm (47.5 bhp/L)
Torque (SAE net) _____ 235 lb.-ft. (319 N•m) @ 3,200 rpm
Max. Engine Speed _____ 5,300 rpm
Fuel Requirement _____ Unleaded regular, 87 octane (R+M)/2
Oil Capacity _____ 6.0 qt. (5.7L)
Coolant Capacity _____ 10.5 qt. (9.9L)
Emission Controls _____ Three-way catalytic converters, heated oxygen sensors, internal engine features
Max. Gross Trailer Weight _____ 3,500 lbs.
Estimated EPA Fuel Economy mpg (City/Hwy) _____ 14/18 – automatic

Transmission: 42RLE – Automatic, Four-Speed Overdrive

Description _____ Electronic governor, electronically controlled converter clutch
Gear Ratios
1st _____ 2.84
2nd _____ 1.57
3rd _____ 1
4th _____ 0.69
Axle Ratio _____ 3.73
Overall Top Gear _____ 2.57



JEEP® WRANGLER UNLIMITED SPECIFICATIONS (CONTINUED)

Transfer Case: NV231 Command-TRAC®

Type _____ Part-time
Operating Modes _____ 2WD; 4WD High, part-time;
Neutral; 4WD Low, part-time
Low Range Ratio _____ 2.72:1
Center Differential Type _____ None

Dimensions and Capacities

Wheelbase _____ 103.4 (2,626)
Track, Front _____ 58.5 (1,473)
Track, Rear _____ 58.5 (1,473)
Overall Length
 To spare tire _____ 155.4 (3,947)
 To bumper _____ 167 (4,242)
Overall Width _____ 66.7 (1,693)/76.3 (1,938)
Overall Height
 Hard top _____ 69.4 (1,764)
 Soft top _____ 70.9 (1,802)
 Top down _____ 68.4 (1,737)
Ground Clearance
 Front axle _____ 9.3 (237)
 Rear axle _____ 8.3 (212)
 Running _____ 9.2 (235)
Approach Angle _____ 43.1
Ramp Breakover Angle _____ 21.4
Departure Angle _____ 27.7
Curb Weight _____ 3,721 lbs. (1,689 kg)
Maximum Payload
(includes occupants and cargo) _____ 800 lbs. (363 kg)
Weight Distribution, F/R _____ 50/50
Frontal Area _____ 27.8 sq. ft. (2.58 sq. m)
 Hard top _____ 0.55
 Soft top _____ 0.58



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Drag Coefficient	0.55 hard top, 0.58 soft top
Fuel Tank Capacity	19 gal. (72L)
Total Interior Volume	94.1 cu. ft. (2.664 cu. m)
Front Interior Volume	50.6 cu. ft. (1.432 cu. m)
Rear Interior Volume	43.5 cu. ft. (1.232 cu. m)
Cargo Volume	28.5 cu. ft. (0.807 cu. m)
Enclosed Cargo Volume Index – maximum behind front seat	63.3 cu. ft. (1.792 cu. m)
Enclosed Cargo Volume Index – maximum behind second seat	28.2 cu. ft. (0.799 cu. m)

Accommodations

Seating Capacity – F/R _____ 2/2 std.

Front

Head room	40.9 (1,038) hard top; 41.9 (1,064) soft top
Leg room	41.1 (1,044)
Shoulder room	50.8 (1,289)
Hip room	51.8 (1,292)
Seat travel	8.27 (210)
Recliner range	44.5°

Rear

Head room	41.1 (1,044) hard top; 40.6 (1,031) soft top
Leg room	36.7 (890)
Shoulder room	57.3 (1,455)
Hip room	43.5 (1,105)

Body and Chassis

Layout _____ Longitudinal front engine, four-wheel drive

Construction _____ Ladder-type frame, open steel body



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SPECIFICATIONS (CONTINUED)

Suspension

Front _____ Live axle, leading arms, track bar, coil springs, stabilizer bar, low-pressure gas-charged shock absorbers

Rear _____ Live axle, trailing arms, track bar, coil springs, stabilizer bar, low-pressure gas-charged shock absorbers

Steering

Type _____ Power recirculating ball with damper

Overall Ratio _____ 16.8:1 overall (gear – 15.2:1)

Turning Diameter (curb-to-curb) _____ 36 ft. (11.2 m)

Steering Turns (lock-to-lock) _____ 3.4

Tires

Standard – Unlimited

Size and type _____ 30 x 9.5R15LT

Mfr. and model _____ Goodyear Wrangler GSA

Revs per mile _____ 719

Wheels

Standard – Unlimited

Type and material _____ Cast-aluminum

Size _____ 15 x 8

Brakes

Front

Size and type _____ 11.0 x 0.94 (280 x 24) vented disc with single-piston sliding caliper

Swept area _____ 198.5 sq. in. (1,281 sq. cm)

Rear

Size and type _____ 9.0 x 2.5 (229 x 64) drum

Swept area _____ 141.4 sq. in. (912 sq. cm)

Power Assist Type _____ 8.07 (205) tandem diaphragm vacuum