

2021 Jeep® Wrangler Rubicon 392 SPECIFICATIONS

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

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

All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

Vehicle Type	Sport-utility vehicle
Assembly Plant	Toledo Assembly Complex, Toledo, Ohio
EPA Vehicle Class	Multipurpose vehicle

BODY/CHASSIS

Layout	Longitudinal, front engine, transfer case, four-wheel drive
Construction	Ladder-type frame, open steel and aluminum body

ENGINE: 6.4-LITER V-8

Type and Description	90-degree V-type, liquid cooled
Displacement (cu. in. / cc)	392 cu. in. (6,417 cu. cm)
Bore x Stroke	4.09 x 3.72 (103.9 x 94.6)
Valve System	Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips
Fuel Injection	Sequential, multi-port, electronic, returnless; Fuel Saver mode
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.9:1
Power (SAE net) (hp / kW@rpm)	470 hp (354 kW) @ 6,000 rpm
Torque (SAE net) (lb.-ft. / N•m)	470 lb.-ft. (637 N•m) @ 4,300 rpm
Max. Engine Speed (rpm)	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — required
Fuel Tank Capacity (gallons)	21.5
Oil Capacity	7 quarts (6.6 liters)
Coolant Capacity	14 quarts (13.25 liters)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	3,500 lbs.
Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico

TRANSMISSION: 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE

Description	Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1st	4.71
2nd	3.13
3rd	2.10
4th	1.67
5th	1.28
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30

TRANSFER CASE: MP3022 SELEC-TRAC

Type	Full-time
Operating Modes	4WD Auto; 4WD High; Neutral; 4WD Low
Low Range Ratio	2.72:1

AXLES

Front	3rd Generation Dana 44
Differential type	Tru-Lock electronic locking
Rear	3rd Generation Dana 44
Differential type	Tru-Lok electronic locking
Axle ratios	3.73, 4.56

ELECTRICAL SYSTEM

Architecture	Powernet
Alternator	180 amp
Battery	700 CCA, maintenance free

SUSPENSION

Front	Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar
Stabilizer bar	Electronic sway-bar disconnect system

SUSPENSION (CONTINUED)

Shock type	High-pressure gas-charged FOX aluminum monotube shock absorbers with hydraulic rebound stop
Rear	Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar
Shock type	High-pressure gas-charged FOX aluminum monotube shock absorbers with hydraulic rebound stop

STEERING

Type	Electro-hydraulic power
Overall ratio	13.7:1
Turning diameter (curb-to-curb) (ft)	39.4
Steering Turns (lock-to-lock)	3.13
P/S pump	Electro-hydraulic

BRAKES

Type	Power-assisted, anti-lock brake system
Front	
Rotor size and type	12.9 x 1.1 (330 x 28) vented rotor
Caliper size and type	2 (51) twin-piston floating calipers
Rear	
Rotor size and type	14 x .86 (350 x 22) vented rotor
Caliper size and type	2 (51) single-piston floating calipers

DIMENSIONS AND CAPACITIES

Wheelbase	118.4 (3,008)
Overhang — Front	29.5 (749.8)
Overhang — Rear	40.3 (1,023)
Track — Front	64.4 (1,636)
Track — Rear	64.4 (1,636)
Overall Length (includes spare tire)	188.4 (4,786)
Overall Width	73.8 (1,875)
Overall Height	74.5 (1,893)

CLEARANCES

Approach angle, degrees	44.5, 46.7*
Breakover angle, degrees	22.6, 24.5*

CLEARANCES (CONTINUED)

Departure angle, degrees	37.5, 39.8*
Ground clearance, inches	10.3, 11.1*
Water fording, inches	32.5, 33.6*

*with Xtreme Recon Package

CURB WEIGHT (LBS.)	5,103
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ACCOMMODATIONS

Seating Capacity, F/R	2/3
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SAE Total Interior Passenger Volume, (cu. ft. / cu. m)	103.3 (2.93)
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Front

Headroom	40.8 (1,036) hardtop / 42.8 (1,087) soft top
Legroom	40.8 (1,038)
Shoulder room	55.8 (1,417)
Hip room	53.9 (1,370)
Seat travel	8.1 (206)
EPA front volume index	54.6 (1.55)

Rear

Headroom	40.3 (1,023) hardtop, 42.6 (1,082) soft top
Legroom	38.2 (970)
Knee clearance	61.6 (1,565.9)
Shoulder Room	55.8 (1,417)
Hip Room	55.9 (1,421)
EPA rear seat volume index (cu. ft. / cu. m)	48.7 (1.38)
Liftover height	30.8 (782)
Maximum cargo width at liftgate opening	47.9 (1,217)
Minimum cargo width at liftgate opening	41.5 (1,054)
Maximum cargo height at liftgate opening	36.0 (942.3)
Minimum cargo height at liftgate opening	35.7 (907.8)
Distance between wheelhouse interior trim	45.0 (1143)

SAE Cargo Volume

Rear seat folded	67.4 cu. ft. (1.91)
Rear seat upright	27.7 cu. ft. (0.89)
Total passenger plus cargo volume, (cu. ft. / cu. m)	131 / 3.71

WHEELS

Availability	Standard
Type and Material	Bead lock capable, high-gloss painted cast aluminum
Size	17 x 7.5 in.
Availability	Optional
Type and Material	Bead lock capable, low-gloss smoked bronze paint and low-gloss black trim ring with low-gloss black bolts cast aluminum
Size	17 x 8.0 in.

TIRES

Availability	Standard
Size and Type	LT285/70R17C, on/off-road, black sidewall
Mfr. And Model	BF Goodrich KO2 All-Terrain
Revs per Mile (km)	645 (401)
Availability	Optional
Size and Type	LT285/70R17C
Mfr. And Model	Falken Wildpeak M/T
Revs per Mile (km)	617 (383)
Availability	Optional
Size and Type	LT315/70R17C, on/off-road, black sidewall
Mfr. And Model	BF Goodrich KO2 All-Terrain
Revs per Mile (km)	604 (376)

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