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.*

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| **GENERAL INFORMATION** |  |
| Vehicle Type | Sport-utility vehicle |
| Assembly Plant | Toledo Assembly Complex, Toledo, Ohio |
| EPA Vehicle Class | Multipurpose vehicle |
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| **BODY/CHASSIS** |  |
| Layout | Longitudinal, front engine, transfer case, four-wheel drive |
| Construction | Ladder-type frame, open steel and aluminum body |
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| **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 94.5) |
| 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 |
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| **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 |
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| **TRANSFER CASE: MP3022 SELEC-TRAC** |
| Type | Full-time |
| Operating Modes | 4WD Auto; 4WD High; Neutral; 4WD Low |
| Low Range Ratio | 2.72:1 |
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| **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 |
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| **ELECTRICAL SYSTEM** |  |
| Architecture | Powernet |
| Alternator | 180 amp |
| Battery | 700 CCA, maintenance free |
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| **SUSPENSION** |  |
| Front | Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar |
| Stabilizer bar | Electronic sway-bar disconnect system |
| 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 |
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| **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 |
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| **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 |
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| **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) |
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| **CLEARANCES** |  |
| Approach angle, degrees | 44.5 |
| Breakover angle, degrees | 22.6 |
| Departure angle, degrees | 37.5 |
| Ground clearance, inches | 10.3 |
| Water fording, inches | 32.5 |
| **CURB WEIGHT (lbs.)** | 5,103 |
| **ACCOMMODATIONS** |
| Seating Capacity, F/R  | 2/3 |
| SAE Total Interior Passenger Volume, (cu. ft. / cu. m) | 103.3 (2.93) |
| **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) |
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| **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 |
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| **WHEELS** |  |
| Availability | Standard |
| Type and Material | Bead lock capable, high-gloss painted cast aluminum |
| Size | 17 x 7.5 in. |
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| **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) |
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| Availability | Optional |
| Size and Type | LT285/70R17C |
| Mfr. And Model | Falken Wildpeak M/T |
| Revs per Mile (km) | 617 (383) |

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