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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