**CANADA**

2022 Wagoneer / Grand Wagoneer

**Specifications**

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in millimetres (inches) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

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| **GENERAL INFORMATION** |  |
| Vehicle Type | Four-door sport-utility vehicle |
| Assembly Plant | Warren Truck Assembly Plant, Warren, Michigan |
| EPA Vehicle Class | Multipurpose vehicle |
| Introduction Date | March 2021 as a 2022 model |
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| **BODY AND CHASSIS** |  |
| Layout | Front engine, rear- or four-wheel drive |
| Construction | Steel frame |
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| **ENGINE: 5.7-LITRE V-8 with eTorque hybrid assist**  |
| Availability | Standard — Wagoneer |
| Type and Description | 90-degree V-8 with variable cam timing |
| Hybrid Battery | 48-volt, 12-cell lithium-ion, nickel manganese cobalt (NMC) graphite chemistry, 390Wh  |
| Belt-starter Generator | 12kW power, 130 lb.-ft. launch torque |
| Displacement | 5,654 cu. cm (345 cu. in.)  |
| Bore x Stroke | 99.5 x 90.9 (3.92 x 3.58)  |
| Valve System | Variable-cam timing, pushrod-operated overhead valves, 16 valves, hydraulic lifters with roller followers |
| Fuel Injection | Sequential, multiport, electronic, returnless |
| Construction | Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum-alloy heads with hemispherical combustion chambers |
| Compression Ratio | 10.5:1 |
| Power | 392 hp (292 kW) @ 5,600 rpm |
| Torque | 404 lb.-ft. (548 N•m) @ 3,950 rpm |
| Max. Engine Speed | 5,800 rpm |
| Fuel Requirement | Unleaded mid-grade, 89 octane (R+M)/2 — recommendedUnleaded regular, 87 octane (R+M)/2 — acceptable |
| Oil Capacity | 6.6 litres (7.0 quarts) |
| Coolant Capacity | 17.2 litres (15.6 quarts) |
| Factory Oil Fill  | Pennzoil Gold 0W-20 |
| Emission Controls | Three-way catalytic converters, heated oxygen sensors and internal engine features |
| EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined) | TBD |
| Based on 2021 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: www.vehicles.nrcan.gc.ca |
| Assembly Plant | Saltillo Engine Plant, Saltillo, Mexico |
| **ENGINE: 6.4-LITRE V-8**  |
| Availability | Standard — Grand Wagoneer |
| Type and Description | 90-degree V-type, liquid-cooled |
| Displacement | 6,417 cu. cm (392 cu. in)  |
| Bore x Stroke | 103.9 x 94.5 (4.09 x 3.72)  |
| 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; features 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 J2723) | 471 hp (351 kW) @ 6,000 rpm  |
| Torque (SAE J2723) | 455 lb.-ft. (617 N•m) @ 4,400 rpm  |
| Max. Engine Speed | 6,400 rpm (electronically limited) |
| Fuel Requirement | Premium 91 octane (R+M)/2 — recommended |
| Oil Capacity | 6.6 litres (7.0 quarts) |
| Coolant Capacity | 18.1 litres (16.4 quarts) |
| Factory Oil Fill  | Pennzoil Ultra Platinum 0W-40 |
| Emission Controls  | Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features(b) |
| Exhaust Type  | Dual exhaust with dual 10.1 cm (4-in.) oval black chrome tips  |
| EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined) | 18.6 / 12.8 / 16.0 (15 / 22 / 18) |
| Assembly Plant | Saltillo Engine Plant, Saltillo, Mexico  |
| Based on 2021 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: www.vehicles.nrcan.gc. |
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| **TRANSMISSION: TORQUEFLITE 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE** |
| Availability | Standard — 5.7-litre V-8 with eTorque mild-hybrid assist  |
| Description | 5 clutches and 4 planetary gear set architecture. 7.03 overall ratio spread. Start/stop and electronic range select capability. Electronically modulated torque converter clutch with torsional turbine damper |
| Gear Ratios |  |
| 1st | 4.71 |
| 2nd | 3.14 |
| 3rd | 2.11 |
| 4th | 1.67 |
| 5th | 1.29 |
| 6th | 1.00 |
| 7th | 0.84 |
| 8th | 0.67 |
| Reverse  | 3.30 |
| **TRANSMISSION: TORQUEFLITE 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE**  |
| Availability | Standard — 6.4-litre V-8 models |
| Description | 5 clutches and 4 planetary gear set architecture. 7.03 overall ratio spread. Electronically modulated torque converter clutch with torsional turbine damper. Electronic range select capability.  |
| Gear Ratios |  |
| 1st | 4.71 |
| 2nd  | 3.14 |
| 3rd | 2.10 |
| 4th  | 1.67 |
| 5th  | 1.29 |
| 6th | 1.00 |
| 7th | 0.84 |
| 8th  | 0.67 |
| Reverse  | 3.30 |
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| **TRANSFER CASE: 1-Speed** |  |
| Availability  | Standard — 5.7-litre V-8 engine  |
| Type  | Single-speed |
| Operating Mode  | Full-time active 4x4 |
| Torque Split, Front/Rear | Variable – Auto, Tow, Snow, Mud, Sand, Rock, Sport |
| Low Range Ratio  | None |
|  |  |
| **TRANSFER CASE: 2-Speed** |  |
| Availability  | Optional — 5.7-litre V-8 engine Standard — 6.4-litre V-8 engine  |
| Type  | Two-speed electronically shifted |
| Operating Modes  | 4x4 Low Active, Neutral, full-time active 4x4 |
| Low Range Ratio | 2.64 |
| Torque Split, Front/Rear  | Variable — Auto, Tow, Snow, Mud, Sand, Rock, Sport |
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| **AXLES** |
| Front |  |
| Differential Type | Open |
| Availability  | Standard |
| Ring Gear Diameter | 215 (8.5)  |
| Axle Ratios  | 3.21:1 — Standard with 5.7-litre V-8 |
|  | 3.92:1 — Optional with 5.7-litre V-8, standard with 6.4-litre V-8 |
| Rear |  |
| Differential Type  | Limited Slip or Electronic Limited Slip (ELSD) |
| Availability  | Limited Slip Differential — Standard with 5.7-litre V-8Electronic Limited Slip Differential (ELSD) — Optional with 5.7-litre V-8, Standard with 6.4-litre V-8 |
| Ring Gear Diameter (in/mm)  | 260 (10.2)  |
| Axle Ratios  | 3.21:1 — Standard with 5.7-litre V-83.92:1 — Optional with 5.7-litre V-8, standard with 6.4-litre V-8 |
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| **ELECTRICAL SYSTEM**  |  |
| Alternator | 240-amp  |
| Battery | Maintenance-free  |
| H7 730 CCA  |

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| **SUSPENSION**  |  |
| Front | Short- and long-arm independent with hybrid steel composite upper control arm, aluminum lower control arm, aluminum knuckle, coil springs with monotube shocks or Quadra-lift air suspension with semi-active damping, solid or hollow stabilizer bar |
| Rear | Five-link independent rear suspension, coil springs with monotube load leveling shocks or Quadra-lift air suspension with semi-active damping, solid or hollow stabilizer bar, cast aluminum links (tension, compression, camber, toe), high strength steel spring link |
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| **STEERING**  |  |
| Type | Electric rack-and-pinion steering |
| Overall Ratio | 16.7:1  |
| Turning Diameter (curb-to-curb) (m/ft.) | 11.6 (38.0)  |
| Steering Turns (lock-to-lock) | 3.2  |
|  |  |
| **BRAKES**  |  |
| Type | Electronic power brakes (eBooster), anti-lock brake system (ABS) |
| Availability | Standard |
| Front |  |
| Rotor size and typemm (inches) | 378 x 30 (14.88 x 1.18) vented disc |
| Caliper size and typemm (inches) | 57 (2.24) two-piston pin-slider caliper |
| Swept area, sq. cm (sq. in.) | 651.5 (100.9)  |
| Rear |  |
| Rotor size and typemm (inches) | 375 x 22 (14.76 x 0.87) solid disc |
| Caliper size and typemm (inches) | 57 (2.24) single-piston pin-slider caliper with EPB |
| Swept area, sq. cm (sq. in.) | 511.6 (79.2)  |
|  |  |
| **DIMENSIONS AND CAPACITIES**  |
| Wheelbase | 3,124 (123.0)  |
| Track, Front | 1,740 (68.5)  |
| Track, Rear | 1,734 (68.3)  |
| Overall Length | 5,453 (214.7)  |
| Overall Width (width at mirrors) | 2,388 (94.0)  |
| Body Width | 2,124 (83.6)  |
| Overall Height (at roof rail / at antenna) | 1,921 (75.6) / 1,964 (77.3)  |
| Load Floor Height, cm (inches) | 86.4 (34.0) — standard suspension  |
| 81.0 (31.9) — air suspension |
| Sill Step Height, cm (inches) | 57.9 (22.8) — standard suspension |
| 53.5 (21.1) — air suspension |
| Ground Clearance (with 275/55R20 tire and 5.7-litre engine), cm (inches) | 20.3 (8.0) — standard suspension |
| 25.4 (10.0) — air suspension (Pos#2) |
| Chassis (fuel tank), cm (inches)  | 24.6 (9.7) — standard suspension |
| 27.6 (10.9) — air suspension (Pos#2) |
| Front Axle, cm (inches)  | 24.3 (9.6) — standard suspension |
| 29.4 (11.6) — air suspension (Pos#2) |
| Rear Axle, cm (inches) | 22.8 (9.0) — standard suspension |
| 27.9 (11.0) — air suspension (Pos#2) |
| Approach Angle (degrees) | 21.5 — standard suspension |
| 25.0 — air suspension (Pos#2) |
| 25.0 (Off-road II with air dam on) |
| Ramp Breakover Angle (degrees) | 18.5 — standard suspension |
| 22.0 — air suspension (Pos#2) |
| Departure Angle (degrees) | 21.1 — standard suspension |
| 24.0 — air suspension (Pos#2) |
| Frontal Area sq. ft. (sq. m) | 37.2 (3.46)  |
| Drag Coefficient (Cd) | 0.352 — Wagoneer |
| Aero CdA | 13.1 (Cd x cross-sectional area) — Wagoneer |
| Fuel Tank Capacity, (US gallons / litre) | 100.3 (26.5)  |

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| **ACCOMMODATIONS**  |  |
| Seating Capacity  | ***Wagoneer*** Standard — 2/3/3 (including 2nd row bench)Optional — 2/2/3 (including captain’s chairs)  |
| ***Grand Wagoneer***Standard — 2/2/3 (including captain’s chairs)Optional — 2/3/3 (including 2nd row bench)  |
| SAE Total Interior Passenger Volume, litres (cu. ft.) | 5,074 (179.2)  |
| Front |  |
| Headroom. cm (inches) | 104.9 (41.3)  |
| Legroom, cm (inches) | 103.8 (40.9)  |
| Shoulder room, cm (inches) | 167.8 (66.1)  |
| Hip room, cm (inches) | 161.0 (63.4)  |
| Seat travel. cm (inches) | 20.5 (8.1)  |
| EPA front volume index, litres (cu. ft.) | 1,832 (64.7)  |
| Cargo volume behind first-row seats, litres (cu. ft.) | 3,304 (116.7) Wagoneer / 2,667 (94.2) Grand Wagoneer  |
| 2nd Row  |  |
| Headroom, cm (inches) | 101.6 (40.0)  |
| Legroom, cm (inches) | 108.4 (42.7)  |
| Knee clearance, cm (inches) | 17.0 (6.7) Wagoneer / 14.2 (5.6) Grand Wagoneer |
| Shoulder room, cm (inches) | 165.6 (65.2)  |
| Hip room, cm (inches) | 160.0 (63.0)  |
| EPA 2nd row seat volume index litres (cu. ft.) | 1,826 (64.5)  |
| Cargo volume behind second-row seats litres (cu. ft.) | 2,004 (70.8) Wagoneer / 2,007 (70.9) Grand Wagoneer  |
| 3rd Row  |  |
| Headroom, cm (inches) | 99.0 (39.0)  |
| Legroom, cm (inches) | 92.9 (36.6)  |
| Knee clearance, cm (inches) | 4.8 (1.9)  |
| Shoulder room, cm (inches) | 163.5 (64.4)  |
| Hip room, cm (inches) | 131.0 (51.6)  |
| EPA 3rd row seat volume index litres, (cu. ft.) | 1,415 (50.0)  |
| Cargo volume behind third-row seats litres, (cu. ft.) | 775 (27.4)  |
| Total passenger plus cargo volume litres, (cu. ft.) | 5,850 (206.6)  |

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| **WEIGHTS (Estimates)**  |  |  |  |  |  |
|  | **MODEL** | **ENGINE** | **GVWR(a) kg (lbs.)**  | **CURB WEIGHT(b) kg (lbs.)**  | **PAYLOAD(c) kg (lbs.)**  | **WEIGHT DISTRIBUTION, F/R** |
| **4WD** | Wagoneer Series II | 5.7-litre | 3,470 (7,650)  | 2,808 (6,190)  | 703 (1,550)  |  52/48 |
|  | Wagoneer Series III | 5.7-litre | 3,493 (7,700)  | 2,826 (6,230)  | 708 (1,560)  |  52/48 |
|  | Grand Wagoneer Series I | 6.4-litre | 3,493 (7,700)  | 2,876 (6,340)  | 658 (1,450)  |  51/49 |
|  | Grand Wagoneer Series II | 6.4-litre | 3,493 (7,700)  | 2,903 (6,400)  | 626 (1,380) |  51/49 |
|  | Grand Wagoneer Series III | 6.4-litre | 3,493 (7,700)  | 2,912 (6,420)  | 617 (1,360)  |  51/49 |
| (a) Gross Vehicle Weight Rating.(b) Curb weight includes standard equipment and full quantities of fuel, lubricant and coolant.(c) Payload is the maximum allowable weight of driver, passengers, cargo, and options, rounded to the nearest 5 kg (10 lbs.). |

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| **Wheels**  |
| Availability  | Standard on Wagoneer Series II  |
| Type and material | Painted cast aluminum, six spoke |
| Size (in.) | 20 x 9 |
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| Availability | Standard on Wagoneer Series III  |
| Type and material | Machined cast aluminum with Black Noise painted pockets |
| Size (in.) | 20 x 9 |
|  |  |
| Availability | Standard on Grand Wagoneer Series I |
| Type and material | Machined cast aluminum with Baltic Gray painted pockets |
| Size (in.) | 20 x 9 |
|  |  |
| Availability  | Standard on Grand Wagoneer Series II, optional on Grand Wagoneer Series I  |
| Type and material | Polished aluminum with Luster Gray painted pockets |
| Size (in.) | 22 x 9 |
|  |  |
| Availability | Standard on Grand Wagoneer Series III |
| Type and material | Polished aluminum with Lights Out painted pockets |
| Size (in.) | 22 x 9 |
|  |  |
| Availability | Optional on Wagoneer Series II, optional on Wagoneer Series III |
| Type and material | Polished aluminum with Black Noise painted pockets |
| Size (in.) | 22 x 9 |
|  |  |
| Availability | Optional on Grand Wagoneer Series II |
| Type and material | Painted cast aluminum Satin Carbon with chrome inserts |
| Size (in.) | 22 x 9 |
|  |  |
| Availability  | Optional on Grand Wagoneer Series III |
| Type and material | Machined cast aluminum with Black Noise painted pockets and brushed nano steel inserts |
| Size (in.) | 22 x 9 |
|  |  |
| Availability | Optional with Advanced All Terrain Group |
|  Type and material | Machined cast aluminum with Black Noise painted pockets |
|  Size (in.) | 18 x 8 |
|  |  |
| Availability | Optional with Advanced All Terrain Group |
|  Type and material | Machined cast aluminum with Satin Granite Crystal painted pockets |
|  Size (in.) | 20 x 9 |
|  |  |
| Availability | Standard on Grand Wagoneer Obsidian |
|  Type and material | Tinted machined cast aluminum with Black Noise painted pockets and Gloss Black inserts |
|  Size (in.) | 22 x 9 |
|  |  |
| **TIRES** |  |
| Availability | Standard – Wagoneer Series II, Wagoneer Series III |
| Size and type | 275/55R20 |
| Mfr. and model | Nexen Roadian HTX RH5 All Season |
| Revs per mile | 656 |

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| Availability  | Standard – Grand Wagoneer Series I; Packaged – HD Trailer Tow |
| Size and type | 275/55R20 |
| Mfr. and model | Bridgestone Dueler H/L Alenza All Season T Rated for NA |
| Revs per mile | 655 |
| Availability | Standard – Grand Wagoneer Series II, Grand Wagoneer Series III; Packaged – Premium Group I |
| Size and type | 285/45R22XL |
| Mfr. and model | Goodyear Eagle Touring All Season/Perf |
| Revs per mile | 639 |
|  |
| Availability  | Packaged – Advanced All Terrain Group |
| Size and type  | 275/65R18 |
| Mfr. and model  | Firestone Destination AT2 All Terrain |
| Revs per mile  | 651 |
|  |
| Availability | Packaged – Advanced All Terrain Group |
| Size and type | 275/55R20 |
| Mfr. and model | Falken Wildpeak A/T All Terrain |
| Revs per mile | 660 |

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| Parking Brake Type | Electric power steering (standard) |
| Four-wheel Anti-lock Brakes | Standard |
| Electronic Stability Control | Standard |
| All-speed Traction Control | Standard |
| Brake Assist | Standard |

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| **TRAILER TOWING** |  |  |  |
|  | **Engine** | **Axle Ratio** | **Maximum Trailer Weight lbs. (kg)** |
| **4WD** | 5.7-litre V-8 | 3.21 | 10,000 (4,536) |
| **4WD**  | 6.4-litre V-8 | 3.92 | 9,850 (4,468) |

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