# 2022 Jeep® Gladiator

## 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 Midsize truck

Assembly Plant Toledo Supplier Park, Toledo, Ohio

EPA Vehicle Class Midsize truck

Introduction Date 2019

### BODY AND CHASSIS

Layout Longitudinal front engine, four-wheel drive

Construction Ladder-type frame, open steel and aluminum body

### Engine: 3.6-LITER PENTASTAR V-6

Availability Standard — all models

Type and Description 60-degree, V-type, liquid-cooled

Displacement (cu. in. / cc) 220 cu. in. (3,604 cu. cm)

Bore x Stroke 3.78 x 3.27 (96 x 83)

Valve System Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers

Fuel Injection Sequential, multiport, electronic, returnless

Construction Aluminum deep-skirt block, aluminum alloy heads

Compression Ratio 11.3:1

Power (SAE net) (hp / kW@rpm) 285 hp (209 kW) at 6,400 rpm

Torque (SAE net) (lb.-ft. / N•m) 260 lb.-ft. (353 N•m) at 4,400 rpm

Max. Engine Speed (rpm) 6,600 rpm (electronically limited)

Fuel Requirement Unleaded regular, 87 octane (R + M)/2

Fuel Tank Capacity (gallons) 22

Oil Capacity 5.7 quarts (5.4 liters)

Coolant Capacity 10 quarts (10.1 liters)

Emission Controls Dual three-way catalytic converters, heated oxygen sensors and internal engine features(a)

Max. Gross Trailer Weight 7,650 lbs.

### Engine: 3.6-LITER PENTASTAR V-6 (CONTINUED)

EPA Fuel Economy mpg (city/hwy/combined) 17/22/19 — automatic

16/23/19 — manual

Assembly Plant Saltillo South Engine Plant, Saltillo, Coahuila, Mexico

### ENGINE: 3.0-LITER ECODIESEL V-6

Availability Available – Sport, Rubicon, Overland

Type and Description 60-degree diesel V-6

Displacement 182 cu. in. (2,987 cu. cm)

Bore x Stroke 3.27 x 3.60 (83 x 92)

Valve System Chain driven DOHC, 24 valves, hydraulic lash adjusters   
with roller fingers follower

Fuel Injection Common rail, 29,000 psi (2000 bar), solenoid injectors

Construction Compacted graphite iron cylinder block, aluminum alloy heads

Compression Ratio 16.0:1

Power 260 hp (194 kW) @ 3,600 rpm

Torque 442 lb.-ft. (600 N•m) @ 1,400-2,800 rpm

Max. Engine Speed 4,600 rpm

Fuel Requirement Ultra-low sulfur diesel

Fuel Tank Capacity (gallons) 18.3 (4-door)

Oil Capacity 9.0 quarts (8.5 liters)

Coolant Capacity 12.3 quarts (11.6 liters)

Emission Controls High-pressure EGR, low-pressure EGR, oxidation catalyst,   
diesel particulate filter, SCR with urea injection

Max. Gross Trailer Weight 6,500 lbs.

EPA Fuel Economy mpg (city/hwy) 22/28/24 — Sport and Overland

20/25/22 — Rubicon

Assembly Plant Cento, Italy

### Transmission: 850RE automatic, Eight-speed overdrive

Availability Optional — 3.6-liter V-6

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

### TRANSMISSION: D478 MANUAL, SIX-SPEED WITH OVERDRIVE

Availability Standard — 3.6-liter V-6

Description Synchronized in all forward gears and reverse; multi-rail shift system   
with top-mounted shift lever

Gear Ratios

1st 5.13

2nd 2.63

3rd 1.53

4th 1.00

5th 0.81

6th 0.72

Reverse 4.49

Final Drive Ratio 3.73 (Sport, Overland), 4.10 (Rubicon, Mojave, Sport Max. Tow)

### TRANSMISSION: 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE

Availability Standard – 3.0-liter EcoDiesel V-6

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

### TRANSMISSION: 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE (CONTINUED)

5th 1.28

6th 1.00

7th 0,84

8th 0.67

Reverse 3.30

### TRANSFER CASE: NV241 command-trac (MP1622)

Available Standard — Sport, Overland, Mojave

Type Part-time

Operating Modes 2WD High; 4WD High; Neutral; 4WD Low

Low Range Ratio 2.72:1

Axle Ratio 3.73 / 4.10 (Mojave, Sport Max. Tow)

### TRANSFER CASE: MP3022 Selec-Trac

Available Optional — Sport, Overland, Mojave

Type Full-time

Operating Modes 2WD High; Auto; 4WD High; Neutral; 4WD Low

Low Range Ratio 4.0:1

Axle Ratio 3.45 standard

3.73 / 4.10 (Mojave, Sport Max. Tow)

### TRANSFER CASE: NV241OR Rock-trac (MP1622OR)

Available Standard — Rubicon

Type Standard — Part-time  
Available — Full-time

Operating Modes 2WD High; 4WD High; Neutral; 4WD Low

Low Range Ratio 4.0:1

Axle Ratio 4.10

### Axles

Front 3rd generation Dana heavy-duty axles

Differential type Open (Sport, Sport S, Overland, Mojave) or Tru-Lok electronic locking (Rubicon)

Axle ratios 3.73, 4.10

Rear 3rd generation Dana heavy-duty axles

Differential type Open (Sport, Overland) with available Trac-Lok anti-spin

Tru-Lok electronic locking (Mojave, Rubicon)

Axle ratios 3.73, 4.10 (standard on Sport Max. Tow, Mojave, Rubicon)

### Electrical System

Alternator (standard) 180 amp (standard Sport), 220 amp (standard all models except Sport) or 240 amp (Trailer Tow, Aux Switches, Max Tow, Cargo Management)

Battery H6 650 CCA (standard) or H7 700 CCA (Aux Switches)

### Suspension

Front Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar, FOX hydraulic jounce bumper (Mojave exclusive)

Stabilizer bar Electronic Sway-bar Disconnect System — standard, Rubicon

Shock type Sport and Overland: Gas-charged monotube shock absorbers with Multi-tuned Valve (MTV) technology

Mojave: FOX 2.5-in. diameter aluminum internal bypass shock absorbers with external reservoirs

Rubicon: High-pressure gas-charged FOX 2.0-in. diameter aluminum monotube shock absorbers with hydraulic rebound stop

### Suspension (CONTINUED)

Rear Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar

Shock type Sport and Overland: Gas-charged monotube shock absorbers with Multi-tuned Valve (MTV) technology

Mojave: FOX 2.5-in.diameter aluminum internal bypass shock absorbers with External Reservoirs

Rubicon: High-pressure, gas-charged FOX 2.0-in. diameter aluminum monotube shock absorbers with hydraulic rebound stop

### STEERING

Type Electro-hydraulic power

Overall ratio 13.3:1

Turning diameter (curb-to-curb) (ft./m) 44.5 – Sport, Overland, 44.8 – Rubicon, 45.0 - Mojave

Steering turns (lock-to-lock) 3.24

P/S pump Electro-hydraulic

### BRAKES

Type Power-assisted, anti-lock braking system

Availability Standard

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 13.6 x .86 (345 x 22) vented rotor

Caliper size and type 2 (51) single-piston floating calipers

### Dimensions and Capacities

Wheelbase 137.3 (3,487)

Overhang — Front 29.7 (755)

Overhang — Rear 51.0 (1,296)

Track — Front 62.9 (1,598) Sport, Overland / 64.4 (1,636) Sport Max. Tow,   
Rubicon / 65 (1,650) Mojave

Track — Rear 62.9 (1,598) Sport, Overland / 64.4 (1,636) Sport Max. Tow,   
Rubicon / 65 (1,650) Mojave

Overall Length 218.0 (5,539)

Overall Width 73.8 (1,875)

### Dimensions and Capacities (CONTINUED)

Overall Height – Soft Top 75.0 (1,907) / 76.1 (1,933) – Rubicon

Overall Height – Hardtop 73.1 (1,857) / 74.1 (1,882) – Rubicon

Box Volume 35.5 cu. ft. (1.0 cu. m)

Box Length, Tailgate Closed 60.3 (1,531)

Box Length, Tailgate Opened 81.3 (2,067)

Cargo Width – Lift Gate 56.8 (1,442)

Cargo Height – Lift Gate 33.9 (861)

Liftover Height 29.7 (755)

Load Floor Height – Axle 33.3 (845)

Distances Between Wheelhouses 44.8 (1,137)

Tailgate Opening Width 50 (1,270)

Open Tailgate to Ground 34.8 (885)

### CLEARANCES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Clearances | 245/75R17 Standard on Sport | 255/70R18  Standard on  Overland | LT285/70R17 Standard on Mojave | LT285/70R17 Standard on Rubicon |
| Approach Angle (degrees) | 40.8 | 40.8 | 44.7 | 43.4 |
| Breakover Angle (degrees) | 18.4 | 18.4 | 20.9 | 20.3 |
| Departure Angle (degrees) | 25 | 25 | 25.5 | 26 |
| Ground Clearance (inches) | 10 (253) | 10 (253) | 11.6 | 11.1 (283) |

### CURB WEIGHT

Model 3.6-liter Pentastar V-6

Jeep Gladiator Sport

Automatic transmission (lbs./kg) 4,672 (2,119)

Manual transmission (lbs./kg) 4,650 (2,109)

Jeep Gladiator Sport S

Automatic transmission (lbs./kg) 4,672 (2,119)

Manual transmission (lbs./kg) 4,650 (2,109)

Jeep Gladiator Overland

Automatic transmission (lbs./kg) 4,742 (2,137)

Manual transmission (lbs./kg) 4,720 (2,141)

### CURB WEIGHT (CONTINUED)

Jeep Gladiator Mojave

Automatic transmission (lbs./kg) 4,974 (2,256)

Manual transmission (lbs./kg) 4,952 (2,246)

Jeep Gladiator Rubicon

Automatic transmission (lbs./kg) 5,072 (2,301)

Manual transmission (lbs./kg) 5,050 (2,291)

\*weights differ by transmission called out

### Accommodations

Seating Capacity (front/rear) 2/3

SAE Total Interior Passenger Volume,   
(cu. ft. / cu. m) 103 (2.91)

Front

Headroom 42.8 (1,087) soft top / 40.8 (1036) hardtop

Legroom 41.2 (1,038)

Shoulder room 55.7 (1,417)

Hip room 53.9 (1,370)

Seat travel 9.4 (239.5)

EPA front volume index 53.7 (1.52)

Rear

Headroom 42.8 (1,087) soft top / 40.8 (1036) hardtop

Legroom 38.3 (966)

Knee clearance 2.7 (69)

Shoulder room 55.7 (1,416)

Hip room 55.9 (1,421)

EPA rear seat volume index   
(cu. ft. / cu. m) 49.2 (1.39)

Liftover Height 29.7 (755)

### WHEELS

Availability Standard (Sport)

Type and material Fully painted steel with Low Gloss Black

Size 17 x 7.5 in.

Availability Standard (Sport S)

Type and material Fully painted cast aluminum with High Gloss Tech Silver

Size 17 x 7.5 in.

Availability Optional (Sport S)

Type and material Fully painted cast aluminum with High Gloss Black

Size 17 x 7.5 in.

Availability Standard (Overland)

Type and material Fully painted cast aluminum with High Gloss Granite Crystal

Size 18 x 7.5 in.

Availability Standard (Mojave)

Type and material Fully painted cast aluminum with Low Gloss Global Black

Size 17 x 7.5 in.

Availability Optional (Mojave)

Type and material Fully painted cast aluminum with polish / painted textured Low Gloss Black

Size 17 x 7.5 in.

Availability Standard (Rubicon)

Type and material Fully painted cast aluminum with Granite Crystal

Size 17 x 7.5 in.

Availability Optional (Rubicon)

Type and material Painted pocket with Mid Gloss paint and polished cast aluminum

Size 17 x 7.5 in.

### TIRES

Availability Standard (Sport)

Size and type 245/75R17, on/off-road, black sidewall

Mfr. and model Bridgestone Dueler H/T 685, Bridgestone Dueler A/T RH-S

Revs per mile (km) 661 (411) Bridgestone Dueler H/T 685 and A/T RH-S

Availability Standard (Sport S)

Size and type 245/75R17, on/off-road, black sidewall

Mfr. and model Bridgestone Dueler H/T 685, Bridgestone Dueler A/T RH-S

Revs per mile (km) 661 (411)

### TIRES (CONTINUED)

Availability Standard (Overland)

Size and type 255/70R18

Mfr. and model Bridgestone Dueler H/T 685

Revs per mile (km) 404 (650)

Availability Optional (Overland)

Size and type 255/70R18

Mfr. and model Bridgestone Dueler A/T RH-S

Revs per mile (km) 404 (650)

Availability Standard (Mojave)

Size and type LT285/70R17C

Mfr. and model Falken Wildpeak A/T

Revs per mile (km) 617 (383)

Availability Optional (Mojave)

Size and type LT285/70R17C

Mfr. and model Falken Wildpeak M/T

Revs per mile (km) 617 (383)

Availability Standard (Rubicon)

Size and type LT285/70R17C

Mfr. and model Falken Wildpeak A/T

Revs per mile (km) 617 (383)

Availability Optional (Rubicon)

Size and type LT285/70R17C

Mfr. and model Falken Wildpeak M/T

Revs per mile (km) 617 (383)

Four–wheel Anti-lock Brakes Standard

Electronic Stability Control Standard

All-speed Traction Control Standard

### Towing Capacities(1)

#### GLADIATOR SPORT

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max  Trailer |
| 3.6-liter V-6 gas | M6 | D478 6-speed manual | 3.73 | 1,700 | 4,650 | 2,465 | 2,186 | 3,100 | 3,750 | 9,100 | 4,000 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic | 3.73 | 1,105 | 4,691 | 2,486 | 2,205 | 3,100 | 3,750 | 9,650 | 4,500 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic | 4.10 | 1,535 | 4,712 | 2,497 | 2,215 | 3,100 | 3,750 | 12,800 | 7,650 |
| 3.0-liter diesel | A8 | 8HP75 8-speed automatic | 3.73 | 1,325 | 4,988 | 2,733 | 2,255 | 3,200 | 3,750 | 11,800 | 6,500 |
| 3.0-liter diesel\* | A8 | 8HP75 8-speed automatic | 3.73 | 1,325 | 4,972 | 2,725 | 2,247 | 3,200 | 3,750 | 11,800 | 6,500 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

\* Sport S model

#### GLADIATOR OVERLAND

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max  Trailer |
| 3.6-liter V-6 gas | M6 | D478 6-speed manual | 3.73 | 1,140 | 4,720 | 2,502 | 2,218 | 3,100 | 3,750 | 9,100 | 4,000 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic | 3.73 | 1,120 | 4,676 | 2,478 | 2,198 | 3,100 | 3,750 | 11,100 | 6,000 |
| 3.0-liter diesel | A8 | 8HP75 8-speed automatic | 3.73 | 1,275 | 5,041 | 2,756 | 2,285 | 3,200 | 3,750 | 11,800 | 6,500 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

#### GLADIATOR MOJAVE

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max  Trailer |
| 3.6-liter V-6 gas | M6 | D478 6-speed manual | 4.10 | 1,200 | 4,948 | 2,622 | 2,326 | 3,100 | 3,750 | 9,900 | 4,500 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic | 4.10 | 1,200 | 4,970 | 2,634 | 2,336 | 3,100 | 3,750 | 11,450 | 6,000 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

#### GLADIATOR RUBICON

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max  Trailer |
| 3.6-liter V-6 gas | M6 | D478 6-speed manual | 4.10 | 1,200 | 5,050 | 2,677 | 2,374 | 3,100 | 3,750 | 10,000 | 4,500 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic | 4.10 | 1,160 | 5,072 | 2,688 | 2,384 | 3,100 | 3,750 | 12,450 | 7,000 |
| 3.0-liter diesel | A8 | 8HP75 8-speed automatic | 3.73 | 1,075 | 5,352 | 2,887 | 2,465 | 3,400 | 3,750 | 12,100 | 6,000 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

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