

## 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      | Midsized truck                     |
| Assembly Plant    | Toledo Supplier Park, Toledo, Ohio |
| EPA Vehicle Class | Midsized 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<br>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<br>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<br>3.73 / 4.10 (Mojave, Sport Max. Tow) |

## TRANSFER CASE: NV241OR ROCK-TRAC (MP1622OR)

|                 |   |
|-----------------|---|
| Available       | Standard — Rubicon                            |
| Type            | Standard — Part-time<br>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<br>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<br>Mojave: FOX 2.5-in. diameter aluminum internal bypass shock absorbers with external reservoirs<br>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<br>Mojave: FOX 2.5-in. diameter aluminum internal bypass shock absorbers with External Reservoirs<br>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<br>Standard on<br>Sport | 255/70R18<br>Standard on<br>Overland | LT285/70R17<br>Standard on<br>Mojave | LT285/70R17<br>Standard on<br>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)           |

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## 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,<br>(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<br>(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                    |

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## TOWING CAPACITIES<sup>(1)</sup>

### 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.

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## 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.

###