



## 2024 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)        | 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 |
| Max. Gross Trailer Weight        | 7,700 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 |

#### TRANSMISSION: 850RE AUTOMATIC, EIGHT-SPEED OVERDRIVE

|              |   |
|--------------|---|
| Availability | Optional — Sport, Willys, Rubicon, Mojave   |
| 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 — Sport, Willys, Rubicon, Mojave   |
| 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, Willys), 4.10 (Rubicon, Mojave, Sport Max. Tow)  |



#### TRANSFER CASE: NV241 COMMAND-TRAC (MP1622)

|                 |                                      |
|-----------------|--------------------------------------|
| Available       | Standard — Sport, Willys, 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, Mojave                   |
| Type            | Full-time                                  |
| Operating Modes | 2WD High; Auto; 4WD High; Neutral; 4WD Low |
| Low Range Ratio | 2.72:1                                     |
| Axle Ratio      | 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, Willys, Mojave) or Tru-Lok electronic locking (Rubicon)                          |
| Axle ratios       | 3.73, 4.10   |
| Rear              | 3rd generation Dana heavy-duty axles   |
| Differential type | Open (Sport) with available Trac-Lok anti-spin<br>Tru-Lok electronic locking (Willys, Mojave, Rubicon) |
| Axle ratios       | 3.73, 4.10 (standard on Sport Max. Tow, Mojave, Rubicon)   |

#### ELECTRICAL SYSTEM

|                       |   |
|-----------------------|---|
| Alternator (standard) | 180 amp (Sport), 240 amp (optional Sport, standard Willys, Mojave, Rubicon) |
| Battery               | H7 700 CCA  |

## SUSPENSION

|                |  |
|----------------|--|
| Front          | Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar, reinforced upper control arms with FOX hydraulic jounce bumper (Mojave exclusive)  |
| Stabilizer bar | Hollow stabilizer bar (Sport, Willys, Mojave), Electronic Solid Sway-bar Disconnect System (Rubicon)   |
| Shock type     | Sport, Willys: 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 monotube shock absorbers with hydraulic rebound stop |
| Rear           | Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar, larger rear track bar and bushings (Mojave exclusive)   |
| Stabilizer Bar | Hollow stabilizer bar (all models)   |
| Shock type     | Sport, Willys: Gas-charged monotube shock absorbers with MTV technology<br>Mojave: FOX 2.5-in. diameter aluminum internal bypass shock absorbers with external reservoirs<br>Rubicon: High-pressure, gas-charged 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, Willys; 44.7 — Rubicon, Mojave |
| Steering turns (lock-to-lock)           | 3.24   |
| P/S Pump                                | Electro-hydraulic                            |

## BRAKES

|                       |   |
|-----------------------|---|
| Type                  | Power-assisted, antilock 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, Willys; 64.4 (1,636) Rubicon, Sport Max Tow: 65 (1,650) Mojave |
| Track — Rear                  | 62.9 (1,598) Sport, Willys; 64.4 (1,636) Rubicon, Sport Max Tow: 65 (1,650) Mojave |
| Overall Length                | 218.0 (5,539)  |
| Overall Width                 | 73.8 (1,875)   |
| 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 — Liftgate        | 56.8 (1,442)   |
| Cargo Height — Liftgate       | 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 Sport | 255/75R17C<br>Standard on<br>Willys | 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                             | 10                                  | 11.6                                 | 11.1                                  |



## CURB WEIGHT

|                                  |                         |
|----------------------------------|-------------------------|
| Model                            | 3.6-liter Pentastar V-6 |
| Jeep Gladiator Sport             |                         |
| Automatic transmission (lbs./kg) | 4,662 (2,114)           |
| Manual transmission (lbs./kg)    | 4,640 (2,104)           |
| Jeep Gladiator Sport S           |                         |
| Automatic transmission (lbs./kg) | 4,662 (2,114)           |
| Manual transmission (lbs./kg)    | 4,640 (2,104)           |
| Jeep Gladiator Willys            |                         |
| Automatic transmission (lbs./kg) | 4,780 (2,168)           |
| Manual transmission (lbs./kg)    | 4,802 (2,178)           |
| Jeep Gladiator Mojave            |                         |
| Automatic transmission (lbs./kg) | 5,004 (2,269)           |
| Manual transmission (lbs./kg)    | 4,982 (2,259)           |
| Jeep Gladiator Rubicon           |                         |
| Automatic transmission (lbs./kg) | 5,031 (2,282)           |
| Manual transmission (lbs./kg)    | 5,009 (2,272)           |

*\*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 (1,036) 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 (1,036) hardtop |
| Legroom   | 38.3 (966)                                   |
| Knee clearance  | 2.7 (69)                                     |
| Shoulder room   | 55.7 (1,416)                                 |
| Hip room  | 55.9 (1,421)                                 |



## ACCOMMODATIONS (CONTINUED)

|   |             |
|---|-------------|
| 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 Mid Gloss Black (black bolt-on center cap)  |
| Size              | 17 x 7.5 in.   |
| Availability      | Standard (Sport S)   |
| Type and material | Fully painted cast aluminum with High Gloss Baltic Gray (silver Willys with silver ring on black background) |
| Size              | 17 x 7.5 in.   |
| Availability      | Standard (Willys)  |
| Type and material | Machined face painted with Mid Gloss Black Pockets (red Willys with silver ring on black background)         |
| Size              | 17 x 7.5 in.   |
| Availability      | Optional (Sport)   |
| Type and material | Machined face painted with High Gloss Baltic Gray (silver Willys with silver ring black background)          |
| Size              | 17 x 7.5 in.   |
| Availability      | Standard (Mojave)  |
| Type and material | Machined face painted with Low Gloss Luster Gray (silver Willys with silver ring on black background)        |
| Size              | 17 x 7.5 in.   |
| Availability      | Optional (Mojave)  |
| Type and material | Machined face painted with Low Gloss Luster Gray (silver Willys with silver ring on black background)        |
| Size              | 17 x 7.5 in.   |
| Availability      | Standard (Rubicon)   |
| Type and material | Machined face painted with Mid Gloss Black Pockets (red Willys with silver ring on black background)         |
| Size              | 17 x 7.5 in.   |
| Availability      | Optional (Rubicon)   |
| Type and material | Machined face painted with Mid Gloss Black Pockets (red Willys with silver ring on black background)         |
| 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)   |
| Availability                 | Standard (Willys)                                       |
| Size and type                | LT255/75R17   |
| Mfr. and model               | Firestone Destination M/T2                              |
| Revs per mile (km)           | 650 (404)   |
| Availability                 | Optional (Willys)                                       |
| Size and type                | LT255/75R17   |
| Mfr. and model               | BFGoodrich Mud-Terrain T/A KM2                          |
| Revs per mile (km)           | 649 (403)   |
| 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 Antilock Brakes   | Standard  |
| Electronic Stability Control | Standard  |
| All-speed Traction Control   | Standard  |





## 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       | 1,150   | 4,640    | 2,491          | 2,150         | 3,100      | 3,750     | 9,150  | 4,000       |
| 3.6-liter V-6 gas | A8         | 850RE 8-speed automatic | 3.73       | 1,100   | 4,662    | 2,502          | 2,161         | 3,100      | 3,750     | 11,150 | 6,000       |
| 3.6-liter V-6 gas | A8         | 850RE 8-speed automatic | 4.10       | 1,725   | 4,738    | 2,530          | 2,208         | 3,100      | 3,750     | 12,850 | 7,700       |

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

\* Sport S model

### GLADIATOR WILLYS

| 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       | 1,000   | 4,780    | 2,569          | 2,211         | 3,100      | 3,750     | 9,150  | 4,000       |
| 3.6-liter V-6 gas | A8         | 850RE 8-speed automatic | 3.73       | 950     | 4,802    | 2,586          | 2,216         | 3,100      | 3,750     | 11,150 | 6,000       |

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       | 1,100   | 4,982    | 2,672          | 2,310         | 3,108      | 3,750     | 9,900  | 4,500       |
| 3.6-liter V-6 gas | A8         | 850RE 8-speed automatic | 4.10       | 1,100   | 5,004    | 2,683          | 2,321         | 3,108      | 2,932     | 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   | 5,009    | 2,645          | 2,364         | 3,088      | 2,952     | 10,500 | 4,500       |
| 3.6-liter V-6 gas | A8         | 850RE 8-speed automatic | 4.10       | 1,200   | 5,031    | 2,656          | 2,375         | 3,088      | 2,952     | 12,450 | 7,000       |

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

# # #