

# FCA CANADA

## 2021 Jeep® Gladiator

### 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.

#### GENERAL INFORMATION

Vehicle Type	Midsized truck
Assembly Plant	Toledo Assembly, Ohio, USA
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-LITRE PENTASTAR V-6

Availability	Standard — all models
Type and Description	60-degree, V-type, liquid-cooled
Displacement (cu. cm / cu. in.)	3,604 (220)
Bore x Stroke	96 x 83 (3.78 x 3.27)
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, litres (gallons)	83 litres (22)
Oil Capacity	5.4 litres (5.7 quarts)
Coolant Capacity	10.1 litres (10 quarts)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features <sup>(a)</sup>

Max. Gross Trailer Weight, kg (lb.)	3,469 (7,650)
EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	13.7(21)/10.7(26)/12.3(23) — automatic
	14.3(20)/10.4(27)/12.6(22) — manual

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](http://www.vehicles.nrcan.gc.ca)

Assembly Plant	Saltillo Engine Plant, Coahuila, Mexico
----------------	---

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

Availability	Available – Sport S, Rubicon, Overland
Type and Description	60-degree diesel V-6
Displacement cu. cm (cu. in.)	2,987 (182)
Bore x Stroke	83 x 92 (3.27 x 3.60)
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, litres (gallons)	69 (18.3)
Oil Capacity	8.5 litres (9.0 quarts)
Coolant Capacity	11.6 litres (12.3 quarts)
Emission Controls	High-pressure EGR, low-pressure EGR, oxidation catalyst, diesel particulate filter, SCR with urea injection
Max. Gross Trailer Weight, kg (lb.)	2,948 (6,500)
EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	TBD — automatic with ESS

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](http://www.vehicles.nrcan.gc.ca)

Assembly Plant	Cento, Italy
----------------	--------------

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

Availability	Optional — 3.6-litre 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-litre 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-litre EcoDiesel V-6
Description	Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1 <sup>st</sup>	4.71
2nd	3.13
3 <sup>rd</sup>	2.10

4 <sup>th</sup>	1.67
5 <sup>th</sup>	1.28
6 <sup>th</sup>	1.00
7 <sup>th</sup>	0,84
8 <sup>th</sup>	0.67
Reverse	3.30

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

Available	Standard — Sport S, 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 — all models
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, Rubicon)

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

Available	Standard — Rubicon
Type	Part-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 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 S, 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), 220 amp (Premium Audio Package) or 240 amp (HD, Off-road Package)
Battery	H6 650 CCA (standard) or H7 700 CCA (HD Package)

## 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 S 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 aluminum monotube shock absorbers with hydraulic rebound stop
Rear	Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar
Shock type	Sport S 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 aluminum monotube shock

## STEERING

Type	Electro-hydraulic power
Overall ratio	13.3:1
Turning diameter (curb-to-curb) (m/ft.)	44.5 – Sport S, 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	330 x 28 (12.9 x 1.1) vented rotor
Caliper size and type	51 (2) twin-piston floating caliper

## Rear

Rotor size and type	345 x 22 (13.6 x .86) vented rotor
Caliper size and type	51 (2) single-piston floating caliper

## DIMENSIONS AND CAPACITIES

Wheelbase	3,487 (137.3)
Overhang — Front	755 (29.7)
Overhang — Rear	1,296 (51.0)
Track — Front	1,598 (62.9) Sport S, Overland / 1,636 (64.4) Sport Max. Tow, Rubicon / 1,650 (65) Mojave
Track — Rear	1,598 (62.9) Sport S, Overland / 1,636 (64.4) Sport Max. Tow, Rubicon / 1,650 (65) Mojave
Overall Length	5,539 (218.0)
Overall Width	1,875 (73.8)
Overall Height – Soft Top	1,907 (75.0) / 1,933 (76.1) – Rubicon
Overall Height – Hardtop	1,857 (73.1) / 1,882 (74.1) – Rubicon
Box Volume	1,005 litres (35.5 cu. ft.)
Box Length, Tailgate Closed	1,531 (60.3)
Box Length, Tailgate Opened	2,067 (81.3)
Cargo Width – Lift Gate	1,442 (56.8)
Cargo Height – Lift Gate	861 (33.9)
Liftover Height	755 (29.7)
Load Floor Height – Axle	845 (33.3)
Distances Between Wheelhouses	1,137 (44.8)
Tailgate Opening Width	1,270 (50)
Open Tailgate to Ground	885 (34.8)

## CLEARANCES

	245/75R17 Standard on Sport S	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, cm (inches)	25.4 (10)	25.4 (10)	29.4 (11.6)	28.1 (11.1)

**CURB WEIGHT****3.6-litre Pentastar V-6**

Jeep Gladiator Sport S	
Automatic transmission, kg (lb.)	2,119 (4,672)
Manual transmission, kg (lb.)	2,109 (4,650)
Jeep Gladiator Overland	
Automatic transmission, kg (lb.)	2,137 (4,742)
Manual transmission, kg (lb.)	2,141 (4,720)
Jeep Gladiator Mojave	
Automatic transmission, kg (lb.)	2,256 (4,974)
Manual transmission, kg (lb.)	2,246 (4,952)
Jeep Gladiator Rubicon	
Automatic transmission, kg (lb.)	2,301 (5,072)
Manual transmission, kg (lb.)	2,291 (5,050)

\*weights differ by transmission called out

**ACCOMMODATIONS**

Seating Capacity (front/rear)	2/3
SAE Total Interior Passenger Volume, litres (cu. ft.)	2,916 (103)
Front	
Headroom	1,087 (42.8) soft top / 1,036 (40.8) hardtop
Legroom	1,038 (41.2)
Shoulder room	1,417 (55.7)
Hip room	1,370 (53.9)
Seat travel	239.5 (9.4)
EPA front volume index, litres (cu. ft.)	1,520 (53.7)
Rear	
Headroom	1,087 (42.8) soft top / 1,036 (40.8) hardtop
Legroom	966 (38.3)
Knee clearance	69 (2.7)
Shoulder room	1,416 (55.7)
Hip room	1,421 (55.9)
EPA rear seat volume index, litres (cu. ft.)	1,393 (49.2)
Liftover Height	755 (29.7)

## WHEELS

---

Availability	Standard (Sport S)
Type and material	Fully painted cast-aluminum with High Gloss Tech Silver
Size	17 x 7.5 in.

---

Availability	Standard (Overland)
Type and material	Fully painted aluminum with High Gloss Granite Crystal
Size	18 x 7.5 in.

---

Availability	Standard (Mojave)
Type and material	Fully painted with Low Gloss Global Black cast aluminum
Size	17 x 7.5 in.

---

Availability	Optional (Mojave)
Type and material	Fully painted, polish / painted textured Low Gloss Black cast aluminum
Size	17 x 7.5 in.

---

Availability	Standard (Rubicon)
Type and material	Fully painted with Granite Crystal aluminum
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 S)
Size and type	245/75R17, on/off-road, black sidewall
Mfr. and model	Bridgestone Dueler HT 685, Bridgestone Dueler AT RH-S
Revs per kilometre (mile)	411 (661)

---

Availability	Standard (Overland)
Size and type	255/70R18

---

Mfr. and model	Bridgestone Dueler HT 685
Revs per kilometre (mile)	650 (404)
Availability	Standard (Mojave)
Size and type	LT285/70R17C
Mfr. and model	Falken Wildpeak A/T
Revs per kilometre (mile)	383 (617)
Availability	Optional (Mojave)
Size and type	LT285/70R17C
Mfr. and model	Falken Wildpeak M/T
Revs per kilometre (mile)	383 (617)
Availability	Standard (Rubicon)
Size and type	LT285/70R17C
Mfr. and model	Falken Wildpeak A/T
Revs per kilometre (mile)	383 (617)
Availability	Optional (Rubicon)
Size and type	LT285/70R17C
Mfr. and model	Falken Wildpeak M/T
Revs per kilometre (mile)	383 (617)
Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard

**TOWING CAPACITIES<sup>(1)</sup>, KG (LB.)**

**GLADIATOR SPORT S**

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6-litre V-6 gas	M6	D478 6-speed manual	3.73	771 (1,700)	2,109 (4,650)	1,118 (2,465)	991 (2,186)	1,406 (3,100)	1,700 (3,750)	4,127 (9,100)	1,814 (4,000)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.73	501 (1,105)	2,127 (4,691)	1,127 (2,486)	1,000 (2,205)	1,406 (3,100)	1,700 (3,750)	4,377 (9,650)	2,041 (4,500)
3.6-litre V-6 gas (with Max Tow Package)	A8	850RE 8-speed automatic	4.10	696 (1,535)	2,137 (4,712)	1,132 (2,497)	1,004 (2,215)	1,406 (3,100)	1,700 (3,750)	5,805 (12,800)	3,469 (7,650)
3.0-litre diesel	A8	8HP75 8-speed automatic	3.73	601 (1,325)	2,262 (4,988)	1,239 (2,733)	1,022 (2,255)	1,451 (3,200)	1,700 (3,750)	5,352 (11,800)	2,948 (6,500)
3.0-litre diesel*	A8	8HP75 8-speed automatic	3.73	601 (1,325)	2,255 (4,972)	1,236 (2,725)	1,019 (2,247)	1,451 (3,200)	1,700 (3,750)	5,352 (11,800)	2,948 (6,500)

1. GCWR = Base Weight + Maximum Trailer Weight + 68 kg (150 lb.) 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-litre V-6 gas	M6	D478 6-speed manual	3.73	517 (1,140)	2,140 (4,720)	1,134 (2,502)	1,006 (2,218)	1,406 (3,100)	1,700 (3,750)	4,127 (9,100)	1,814 (4,000)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.73	508 (1,120)	2,120 (4,676)	1,124 (2,478)	996 (2,198)	1,406 (3,100)	1,700 (3,750)	5,034 (11,100)	2,721 (6,000)
3.0-litre diesel	A8	8HP75 8-speed automatic	3.73	587 (1,275)	2,286 (5,041)	1,250 (2,756)	1,036 (2,285)	1,451 (3,200)	1,700 (3,750)	5,352 (11,800)	2,948 (6,500)

1. GCWR = Base Weight + Maximum Trailer Weight + 68 kg (150 lb.) 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-litre V-6 gas	M6	D478 6-speed manual	4.10	544 (1,200)	2,244 (4,948)	1,189 (2,622)	1,055 (2,326)	1,406 (3,100)	1,700 (3,750)	4,490 (9,900)	2,041 (4,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.10	544 (1,200)	2,254 (4,970)	1,194 (2,634)	1,059 (2,336)	1,406 (3,100)	1,700 (3,750)	5,193 (11,450)	2,721 (6,000)
3.0-litre diesel	A8	8HP75 8-speed automatic	3.73	532 (1,175)	2,331 (5,141)	1,277 (2,816)	1,054 (2,325)	1,451 (3,200)	1,700 (3,750)	5,352 (11,800)	2,948 (6,500)

1. GCWR = Base Weight + Maximum Trailer Weight + 68 kg (150 lb.) 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-litre V-6 gas	M6	D478 6-speed manual	4.10	544 (1,200)	2,290 (5,050)	1,214 (2,677)	1,076 (2,374)	1,406 (3,100)	1,700 (3,750)	4,535 (10,000)	2,041 (4,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.10	526 (1,160)	2,300 (5,072)	1,219 (2,688)	1,081 (2,384)	1,406 (3,100)	1,700 (3,750)	5,647 (12,450)	3,175 (7,000)
3.0-litre diesel	A8	8HP75 8-speed automatic	3.73	487 (1,075)	2,427 (5,352)	1,309 (2,887)	1,118 (2,465)	1,542 (3,400)	1,750 (3,750)	5,488 (12,100)	2,721 (6,000)

1. GCWR = Base Weight + Maximum Trailer Weight + 68 kg (150 lb.) for driver.

| E N D |