

FCA CANADA: 2020 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 Supplier Park, Toledo, Ohio, USA
Vehicle Class	Midsized truck
Introduction Date	2019

BODY/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. in. / cc)	3,604 cu. cm. (220 cu. in.)
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	83 litres (22 gallons)
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 ^(a)
Max. Gross Trailer Weight	3,469 kg (7,650 lbs.)
EnerGuide L/100km (city/hwy/combined)	13.7/10.7/12.3— automatic 14.3/10.4/12.6— manual
Assembly Plant	Saltillo South Engine Plant, Saltillo, Coahuila, Mexico

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 on 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 S, Overland), 4.10 (Rubicon, Mojave Sport Max Tow)

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: 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	3 rd 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	3 rd Generation Dana heavy-duty axles
Differential Type	Open (Sport S and 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), or 220 amp (Prem Audio Pkg), 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 64-mm (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 64-mm (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) (ft./m)	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 and Overland - 1,636 (64.4) Sport Max Tow, Rubicon – 1,650 (65) Mojave
Track — Rear	1,598 (62.9) Sport S and 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) /1,822 (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 millimetres (inches)	253 (10)	252 (10)	295 (11.6)	283 (11.1)

CURB WEIGHT

3.6-litre Pentastar V-6

Jeep Gladiator Sport S

Automatic Transmission (kg/lbs.)	2,119 (4,672)
Manual Transmission (kg/lbs.)	2,109 (4,650)

Jeep Gladiator Overland

Automatic Transmission (kg/lbs.)	2,137(4,742)
Manual Transmission (kg/lbs.)	2,141 (4,720)

Jeep Gladiator Mojave

Automatic Transmission (kg/lbs.)	2,256 (4,974)
Manual Transmission (kg/lbs.)	2,246 (4,952)

Jeep Gladiator Rubicon

Automatic Transmission (kg/lbs.)	2,301 (5,072)
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Manual Transmission (kg/lbs.)	2,291 (5,050)
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*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) Hard Top
Legroom	1,038 (41.2)
Shoulder Room	1,417 (55.7)
Hip Room	1,370 (53.9)
Seat Travel	239.5 (9.4)
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)
Rear Seat Volume Index (litres / cu. ft.)	1,392 (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 with polis / 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 Km (Mile)	411 (661)
Availability	Standard (Overland)
Size and Type	255/70R18
Mfr. and Model	Bridgestone Dueler HT 685
Revs per Km (Mile)	650 (404)
Availability	Standard (Rubicon)
Size and Type	LT285/70R17C
Mfr. and Model	Falken Wildpeak A/T
Revs per Km (Mile)	383 (617)
Availability	Standard (Mojave)
Size and Type	LT285/70R17C
Mfr. and Model	Falken Wildpeak A/T
Revs per Km (Mile)	383 (617)

Availability	Optional (Mojave)
Size and Type	LT285/70R17C
Mfr. and Model	Falken Wildpeak M/T
Revs per Km (Mile)	383 (617)

Availability	Optional (Rubicon)
Size and Type	LT285/70R17C
Mfr. and Model	Falken Wildpeak M/T
Revs per Km (Mile)	383 (617)

Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard

TOWING CAPACITIES (KG/LBS.)

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)	992 (2,186)	1,406 (3,100)	1,701 (3,750)	4,128 (9,100)	1,814 (4,000)
3.6-litre V-6 gas	A8	850RE 8-speed Automatic	3.73	501 (1,105)	2,128 (4,691)	1,128 (2,486)	1,000 (2,205)	1,406 (3,100)	1,701 (3,750)	4,377 (9,650)	227 (4,500)
3.6-litre V-6 gas	A8	850RE 8-speed Automatic	4.10	696 (1,535)	2,137 (4,712)	1,133 (2,497)	1,005 (2,215)	1,406 (3,100)	1,701 (3,750)	5,806 (12,800)	3,470 (7,650)

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

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)	1,005 (2,218)	1,405 (3,100)	1,700 (3,750)	4,126 (9,100)	1,814 (4,000)
3.6-litre V-6 gas	A8	850RE 8-speed Automatic	3.73	507 (1,120)	2,120 (4,676)	1,123 (2,478)	996 (2,198)	1,405 (3,100)	1,700 (3,750)	5,034 (11,100)	2,721 (6,000)

1. GCWR = Base Weight + Maximum Trailer Weight + 68 kg (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-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)	1,701 (3,750)	4,491 (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)	1,060 (2,336)	1,406 (3,100)	1,701 (3,750)	5,194 (11,450)	2,722 (6,000)

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

GLADIATOR RUBICON

Engine	Tran s 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)	1,405 (3,100)	1,700 (3,750)	4,535 (10,000)	2,040 (4,500)
3.6-litre V-6 gas	A8	850RE 8-speed Automatic	4.10	526 (1,160)	2,300 (5,072)	3,519 (2,688)	1,081 (2,384)	1,405 (3,100)	1,700 (3,750)	5,646 (12,450)	3,174 (7,000)

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

