

FCA CANADA

2020 Jeep® Wrangler

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	Sport-utility vehicle
Assembly Plant	Toledo Supplier Park, Toledo, Ohio
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	Fall 2017 as a 2018 model

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 with MTX— Sport, Sahara), Rubicon (all ESS) Available — Sport, Sahara, Rubicon (with Engine Stop Start or eTorque mild-hybrid assist)
Type and Description	60-degree, V-type, liquid-cooled
Displacement	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 (213 kW) at 6,400 rpm
Torque (SAE net) (lb.-ft. / N•m)	260 lb.-ft. (353 N•m) at 4,800 rpm
Max. Engine Speed (rpm)	6,600 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R + M)/2
Fuel Tank Capacity, litres (gallons)	66.2 (17.5) (2-door), 81.3 (21.5) (4-door)
Oil Capacity	4.7 litres (5.0 quarts)
Coolant Capacity	10.1 litres (10 quarts)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features

Max. Gross Trailer Weight 907 kg (2,000 lb.) (2-door), 1,587 kg (3,500 lb.) (4-door)

EnerGuide (2019) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined) 12.8(22)/ 10.4(27)/ 11.8(24)— automatic (2-door) w/ESS
12.9(22)/ 10.2(28)/ 11.7(24) — automatic (4-door) w/ESS
13.7(21)/ 9.6(29)/ 11.8(24)— manual (2-door) w/ESS
13.8(20)/ 10.1(28)/ 12.2(23)— manual (4-door) w/ESS

Based on 2019 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

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

ENGINE: 2.0-LITRE TURBO I-4

Availability

Available — Sport, Sahara, Rubicon (w/ Engine Start Stop)

Type and Description I-4 16-valve with direct injection, turbo charging, with throttled, cooled EGR

Displacement 1,995 cu cm (121 cu. in.)

Bore x Stroke 84 x 90 (3.31 x 3.54)

Valve System Chain-driven DOHC, 16 valves

Fuel Injection Direct Injection

Construction Aluminum block, aluminum alloy heads

Compression Ratio 10:01

Power (SAE net) (hp / kW @rpm) 270 hp (200 kW) at 5,250 rpm

Torque (SAE net) (lb.-ft. / N•m) 295 lb.-ft. (400 N•m) at 3,000 rpm

Max. Engine Speed (rpm) 5,800 rpm (electronically limited)

Fuel Requirement Minimum unleaded regular, 87 octane (R + M)/2; 91 octane or higher recommended for optimum fuel economy and performance

Fuel Tank Capacity (gallons) 66.2 (17.5) (2-door), 81.3 (21.5) (4-door)

Oil Capacity 4.7 litres (5 quarts)

Coolant Capacity 9.4 litres (9.9 quarts)

Emission Controls GPEC4 engine-management system with close-coupled catalyst and wide range O₂ sensor

Max. Gross Trailer Weight 907 kg (2,000 lb.) (2-door), 1,587 kg (3,500 lb.) (4-door)

EnerGuide (2020) Fuel Consumption Ratings L/100 km (mpg) (city/hwy/combined) TBD — automatic (2-door)
TBD— automatic (4-door)

Assembly Plant Termoli, Italy and Trenton South Engine Plant, Trenton, Michigan

TRANSMISSION: 850RE AUTOMATIC, EIGHT-SPEED OVERDRIVE

Availability	Standard — 2.0-litre I-4 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	3.53

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	3.45 standard, 3.73 optional (4.10 Rubicon)

TRANSFER CASE: NV241 COMMAND-TRAC

Available	Standard — Sport and Sahara
Type	Part-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Low Range Ratio	2.72:1

TRANSFER CASE: NV241OR ROCK-TRAC

Available	Standard — Rubicon
Type	Part-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Low Range Ratio	4.0:1
Axle Ratio	3.45 standard 4.10 standard Rubicon

TRANSFER CASE: MP3022 SELEC-TRAC

Available	Optional – Sahara
Type	Full-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Low Range Ratio	4.0:1
Axle Ratio	3.45 standard 4.10 standard Rubicon with manual (optional for automatic)

AXLES

Front	3rd Generation Dana axles
Differential type	Open or Tru-Lok electronic locking (on Rubicon models)
Axle ratios	3.45, 4.10
Rear	3rd Generation Dana axles
Differential type	Open (Sport and Sahara) with available Trac-Lok anti-spin, Tru-Lok electronic locking (Rubicon)
Axle ratios	3.45, 4.10

ELECTRICAL SYSTEM

Alternator (standard)	160 amp
Battery	600 CCA, maintenance free

SUSPENSION

Front	Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar
Stabilizer bar	Electronic sway-bar disconnect system — standard, Rubicon
Shock type	Sport: Gas-charged twin-tube shock absorbers with full displacement Multi-tuned Valve (MTV) technology Sahara: High-pressure gas-charged monotube shock absorbers with MTV technology Rubicon: High-pressure gas-charged monotube shock absorbers with MTV technology and hydraulic rebound stop

Rear	Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar
Shock type	Sport: Gas-charged twin-tube shock absorbers with full displacement MTV technology Sahara: High-pressure gas-charged monotube shock absorbers with MTV technology Rubicon: High-pressure gas-charged monotube shock absorbers with MTV technology and hydraulic rebound stop

STEERING

Type	Electro-hydraulic power
Overall ratio	17.4:1 – 2-door, 15.6:1 – 4-door
Turning diameter (curb-to-curb), m (ft.)	10.5 (34.5) – 2-door, 12.0 (39.4) – 4-door
Steering Turns (lock-to-lock)	3.6 – 2-door, 3.2 – 4-door
P/S pump	Electro-hydraulic

BRAKES

Type	Power-assisted, anti-lock brake system
Availability	Standard
Front	
Rotor size and type	330 x 24 (12.9 x .94) vented rotor – Sport 330 x 28 (12.9 x 1.1) vented rotor – Sahara and Rubicon
Caliper size and type	48 (1.88) twin-piston floating caliper – Sport 51 (2) twin-piston floating caliper – Sahara and Rubicon
Rear	
Rotor size and type	328 x 12 (12.9 x .47) (328 x 12) solid rotor – Sport 342 x 14 (13.4 x .55) (342 x 14) solid rotor – Sahara and Rubicon
Caliper size and type	45 (1.77) single-piston floating caliper – Sport 48 (1.88) single-piston floating caliper – Sahara and Rubicon

DIMENSIONS AND CAPACITIES

Wheelbase	2,460 (96.8) – 2-door, 3,008 (118.4) – 4-door
Overhang — Front	741.6 (29.2)
Overhang — Rear	1,036.3 (40.8)
Track — Front	1,598 (62.9)
Track — Rear	1,598 (62.9)
Overall Length (includes spare tire)	4,237 (166.8) – 2-door, 4,785 (188.4) – 4-door
Overall Width	1,875 (73.8)
Overall Height	1,868.4 (73.6)
Liftover Height	756.4 (29.7)

Cargo Width at Swing-Gate Opening	1,052 (41.1)
Cargo Height at Swing-Gate Opening	942.3 (36)
Load Floor Height	762.1 (30)

CLEARANCES

	245/75R17 Standard on Sport	255/70R18 Standard on Sahara	LT28570R17 Standard on Rubicon
Approach Angle (degrees)	41.4	41.8	44 (2-door) 43.9 (4-door)
Breakover Angle (degrees)	25 (2-door) 20.3 (4-door)	21	27.8 (2-door) 22.6 (4-door)
Departure Angle (degrees)	35.9 (2-door) 36.1 (4-door)	36.1	37
Ground Clearance (inches)	9.7	10	10.8

*measurements the same for both 2- and 4-door models unless specified

CURB WEIGHT

	2.0-litre (2- and 4-door)	3.6-litre (2- and 4-door)
Wrangler Sport		
Automatic Transmission, kg (lb.) (lb./kg)	1,819 (4,010) / 1,960 (4,320)	1,794 (3,955) / 1,905 (4,200)
Manual Transmission, kg (lb.)	N/A	1,801 (3,970) / 1,912 (4,215)
Wrangler Sahara		
Automatic Transmission, kg (lb.)	1,987 (4,380)	1,971 (4,345)
Manual Transmission, kg (lb.)	N/A	N/A
Wrangler Rubicon		
Automatic Transmission, kg (lb.)	1,894 (4,175) / 2,034 (4,485)	1,880 (4,145) / 2,021 (4,455)
Manual Transmission, kg (lb.)	N/A	N/A

*weights differ by transmission called out

ACCOMMODATIONS

Seating Capacity (front/rear)	2/2 – 2-door, 2/3 – 4-door
SAE Total Interior Passenger Volume, litres (cu. ft.)	2,936.4 (103.7)
Front	
Headroom	1,036 (40.7) hardtop / 1,083 (42.6) soft top
Legroom	1,038 (41.2)
Shoulder room	1,417 (55.7)
Hip room	1,370 (53.9)

Seat travel	206 (8.1)
EPA front volume index, litres (cu. ft.)	1,523.4 (53.8)

Rear

Headroom	1,023 (40.2) hardtop, 1,059 (41.7) soft top
Legroom	904.2 (35.7) – 2-door, 974 (38.3) – 4-door
Knee clearance	1,565.9 (61.6)
Shoulder room	1,458 (57.7) – 2-door, 1,417 (55.7) – 4-door
Hip room	1,143 (45) – 2-door, 1,440 (56.7) – 4-door
EPA rear seat volume index, litres (cu. ft.)	1,413.0 (49.9)
Liftover height	756.4 (29.7)
Maximum cargo width at liftgate opening	1,218 (47.9)
Minimum cargo width at liftgate opening	1,052 (41.1)
Maximum cargo height at liftgate opening	942.3 (36.0)
Minimum cargo height at liftgate opening	907.8 (35.7)
Distance between wheelhouse interior trim	1,143 (45.0)
SAE Cargo Volume	
Rear seat folded, litres (cu. ft.)	2,050.1 (72.4 cu. ft.)
Rear seat upright, litres (cu. ft.)	897.6 (31.7 cu. ft.)
Total passenger plus cargo volume, litres (cu. ft.)	4,258.8 (150.4 cu. ft.)

WHEELS

Availability	Standard (Sport)
Type and Material	Painted steel, Low Gloss Black painted
Size	17 x 7.5 in.
<hr/>	
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	Painted and polished cast-aluminum with Low Gloss Granite Crystal
Size	17 x 7.5 in.
Availability	Standard (Sahara)
Type and Material	Painted spokes with polished cast-aluminum
Size	18 x 7.5 in.
Availability	Optional (Sahara)
Type and Material	Painted High Gloss Technical Gray with polished cast-aluminum
Size	18 x 7.5 in.
Availability	Standard (Rubicon)
Type and Material	Painted pocket with Mid-Gloss paint and polished cast-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)
Size and Type	P245/75R17, on/off-road, black sidewall
Mfr. and Model	Michelin LTX MS2, Bridgestone Dueler HT 685, Bridgestone Dueler AT RH-S, Goodyear Wrangler Adventure AT
Revs per Km (Mile)	413 (665) – Michelin LTX MS2
	411 (661) – Bridgestone Dueler HT 685 & AT RH-S
	415 (668) – Goodyear Wrangler Adventure AT
Availability	Standard (Sahara)
Size and Type	P255/70R18, on/off-road, OWL
Mfr. and Model	Bridgestone Dueler HT 685, Bridgestone Dueler AT RH-S, Goodyear Wrangler Adventure AT
Revs per Km (Mile)	403 (649)

Availability	Standard (Rubicon)
Size and Type	LT285/70R17C, on/off-road, black sidewall
Mfr. and Model	BF Goodrich KO2 All-Terrain
Revs per Km (Mile)	401 (645)

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

WRANGLER SPORT (4-door)

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	3.45	453 kg (1,000 lb.)	1,905 kg (4,201 lb.)	1,009 kg (2,226 lb.)	895 kg (1,974 lb.)	1,224 kg (2,700 lb.)	1,360 kg (3,000 lb.)	3,681 kg (8,117 lb.)	1,587 kg (3,500 lb.)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.45	453 kg (1,000 lb.)	1,911 kg (4,215 lb.)	1,016 kg (2,240 lb.)	895 kg (1,974 lb.)	1,224 kg (2,700 lb.)	1,360 kg (3,000 lb.)	3,681 kg (8,117 lb.)	1,587 kg (3,500 lb.)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	3.45	453 kg (1,000 lb.)	1,966 kg (4,336 lb.)	1,042 kg (2,298 lb.)	924 kg (2,038 lb.)	1,224 kg (2,700 lb.)	1,360 kg (3,000 lb.)	3,681 kg (8,117 lb.)	1,587 kg (3,500 lb.)

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

WRANGLER SAHARA (4-door)

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	3.45	399 kg (880 lb.)	1,964 kg (4,331 lb.)	1,038 kg (2,289 lb.)	926 kg (2,042 lb.)	1,224 kg (2,700 lb.)	1,360 kg (3,000 lb.)	4,915 kg (10,836 lb.)	1,587 kg (3,500 lb.)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.45	399 kg	1,970 kg	1,044 kg	926 kg	1,224 kg	1,360 kg	4,915 kg	1,587 kg

				(880 lb.)	(4,34 5 lb.)	(2,303 lb.)	(2,042 lb.)	(2,700 lb.)	(3,000 lb.)	(10,83 6)	(3,500 lb.)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	3.45	399 kg (880 lb.)	1,984 kg (4,37 6 lb.)	1051 kg (2, 319 lb.)	932 kg (2,056 lb.)	1,224 kg (2,700 lb.)	1,360 kg (3,000 lb.)	4,915 kg (10,83 6 lb.)	1,587 kg (3,500 lb.)

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

WRANGLER RUBICON (4-door)

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	404 kg (892 lb.)	2,013 kg (4,43 9 lb.)	1,064 kg (2,346 lb.)	949 kg (2,093 lb.)	1,406 kg (3,100 lb.)	1,406 kg (3,100 lb.)	5,018 kg (11,06 3 lb.)	1,587 kg (3,500 lb.)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.10	404 kg (892 lb.)	4,453 kg (2,01 9 lb.)	1,070 kg (2,360 lb.)	949 kg (2,093 lb.)	1,406 kg (3,100 lb.)	1,406 kg (3,100 lb.)	5,018 kg (11,06 3 lb.)	1,587 kg (3,500 lb.)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	4.10	404 kg (892 lb.)	2,033 kg (4,48 4 lb.)	1,077 kg (2,376 lb.)	955 kg (2,107 lb.)	1,406 kg (3,100 lb.)	1,406 kg (3,100 lb.)	5,018 kg (11,06 3 lb.)	1,587 kg (3,500 lb.)

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