

# CANADA

## 2024 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.*

**Jeep Wrangler 4xe features and specs are included in 4xe specific documents.  
Please reference Wrangler 4xe tab on the media site.**

### GENERAL INFORMATION

Vehicle Type	Sport-utility vehicle
Assembly Plant	Toledo Supplier Park, Toledo, Ohio, USA
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 (all engine stop-start, MTX only) — Sport, Rubicon Available (all engine stop-start, ATX only) — Rubicon
Type and Description	60-degree, V-type, liquid-cooled
Displacement (cc / cu. in.)	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, litres (quarts)	4.7 litres (5.0)
Coolant Capacity, litres (quarts)	10.1 litres (10 quarts)

**ENGINE: 3.6-LITRE PENTASTAR V-6 (CONTINUED)**

Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight, kg (lbs.)	907 (2,000) (2-door), 1,587 (3,500) (4-door), 2,267 (5,000) (4-door Rubicon, automatic)
EnerGuide (2023) Fuel Consumption Ratings	
L/100 km (city/hwy/combined)	TBD — manual with engine stop-start (ESS) (2-door) TBD — manual with ESS (4-door) TBD — automatic with engine stop-start (ESS) (2-door) TBD — automatic with engine stop-start (ESS) (4-door)

Based on 2023 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 South Engine Plant, Saltillo, Coahuila, Mexico
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**ENGINE: 2.0-LITRE TURBO I-4**

Availability	Standard — Sahara Available — Sport, Rubicon (all ESS)
Type and Description	I-4 16-valve with direct injection, turbo charging, with throttled, cooled exhaust gas recirculation (EGR)
Displacement (cc / cu. in.)	1,995 cu (121)
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	10.0:1
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, litres (gallons)	66.2 (17.5) (2-door), 81.3 (21.5) (4-door)
Oil Capacity, litres (quarts)	4.7 (5)
Coolant Capacity, litres (quarts)	9.4 (9.9)
Emission Controls	GPEC4 engine-management system with close-coupled catalyst and wide range O <sub>2</sub> sensor
Max. Gross Trailer Weight, kg (lbs.)	907 (2,000) (2-door), 1,587 (3,500) (4-door), 2,267 (5,000) (4-door Rubicon, automatic)

**Energide (2023) Fuel Consumption Ratings**

L/100 km (city/hwy/combined)

TBD — automatic with ESS (2-door)

TBD — automatic with ESS (4-door)

Assembly Plant

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

**ENGINE: 6.4-LITRE V-8**

Availability

Standard — Rubicon 392

Type and Description

90-degree V-type, liquid cooled

Displacement (cc / cu. in.)

6,417 cu. cm (392 cu. in.)

Bore x Stroke

103.9 x 94.5 (4.09 x 3.72)

Valve System

Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips

Fuel Injection

Sequential, multi-port, electronic, returnless; Fuel Saver mode

Construction

Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers

Compression Ratio

10.9:1

Power (SAE net) (hp / kW @ rpm)

470 hp (354 kW) @ 6,000 rpm

Torque (SAE net) (lb.-ft. / N•m)

470 lb.-ft. (637 N•m) @ 4,300 rpm

Max. Engine Speed (rpm)

6,400 rpm (electronically limited)

Fuel Requirement

Premium 91 octane (R+M)/2 — required

Fuel Tank Capacity, litres (gallons)

81.3 (21.5)

Oil Capacity, litres (quarts)

6.6 (7)

Coolant Capacity, litres (quarts)

13.25 (14)

Emission Controls

Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features

Max. Gross Trailer Weight, kg (lbs.)

1,587 (3,500)

**Energide (2023) Fuel Consumption Ratings**

L/100 km (city/hwy/combined)

TBD

Assembly Plant

Saltillo Engine Plant, Saltillo, Mexico

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

Availability

Standard — 2.0-litre I-4 ESS

Optional — 3.6-litre V-6 with engine stop-start (ESS)

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

#### **TRANSMISSION: 850RE AUTOMATIC, EIGHT-SPEED OVERDRIVE (CONTINUED)**

7th	0.84
8th	0.67
Reverse	3.30

#### **TRANSMISSION: 8HP75 AUTOMATIC, EIGHT-SPEED OVERDRIVE**

Availability	Standard — 6.4-litre V-8
Description	Adaptive electronic control or 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 with engine stop-start
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

#### 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: MP3022 SELEC-TRAC

Available	Standard — Rubicon 392, Optional — Sport and Sahara
Type	Full-time
Operating Modes	2WD High (N/A 392); 4WD Auto; 4WD High; Neutral; 4WD Low
Low Range Ratio	2.72:1

#### TRANSFER CASE: MP3022OR ROCK-TRAC

Available	Optional — Rubicon
Type	Full-time
Operating Modes	2WD High; 4WD Auto; 4WD High; Neutral; 4WD Low
Low Range Ratio	4.0:1

#### TRANSFER CASE: NV241OR ROCK-TRAC

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

#### AXLES

Front	3 <sup>rd</sup> generation Dana axles
Differential type	Open or Tru-Lok electronic locking (Rubicon models)
Rear	3 <sup>rd</sup> generation Dana axles Dana 44 HD Full Float (Rubicon models)
Differential type	Open (Sport, Sahara) Tru-Lok electronic locking (Rubicon models)
Axle ratios	3.45, 4.10 (Rubicon, Willys), 4.56 (Rubicon 392 and Xtreme 35 Pkg), 4.88 (opt Rubicon 3.6 litres)

## ELECTRICAL SYSTEM

Architecture	Powernet
Alternator (standard)	180 amp, 240 amp (optional)
Battery (standard)	650 CCA, maintenance free (standard) 700 CCA, maintenance free (optional)

## ELECTRICAL SYSTEM (RUBICON 392)

Architecture	Powernet
Alternator	220 amp
Battery	700 CCA, maintenance free

## SUSPENSION

Front	Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar
Stabilizer bar	Electronic sway-bar disconnect system — (Rubicon models)
Shock type	Sport: High-pressure gas-charged monotube shock absorbers Sahara: High-pressure gas-charged monotube shock absorbers Rubicon: High-pressure gas-charged monotube shock absorbers Rubicon 392: High-pressure gas-charged monotube shock absorbers
Rear	Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar
Shock type	Sport: High-pressure gas-charged monotube shock absorbers Sahara: High-pressure gas-charged monotube shock absorbers Rubicon: High-pressure gas-charged monotube shock absorbers Rubicon 392: High-pressure gas-charged monotube shock absorbers

## STEERING

Type	Electro-hydraulic power
Overall ratio	17.7:1 (2-door), 14.9:1 (4-door)
Turning diameter (curb-to-curb), m (ft.)	10.0 (32.7) (2-door), 11.8 (38.8) (4-door)
Steering Turns (lock-to-lock)	3.6 (2-door), 3.2 (4-door), 3.1 (Rubicon 392, Xtreme 35 Pkg)
P/S Pump	Electro-hydraulic

## BRAKES

Type	Power-assisted, anti-lock brake system
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, Willys and Rubicon models

## BRAKES (CONTINUED)

Caliper size and type	48 (1.88) twin-piston floating caliper — Sport 51 (2) twin-piston floating caliper — Sahara, Rubicon
Rear	
Rotor size and type	328 x 12 (12.9 x .47) solid rotor — Sport 342 x 14 (13.4 x .55) solid rotor — Sahara, Willys and Rubicon 350 x 22 (14 x .86)) vented rotor — Rubicon 392, Xtreme 35 Pkg
Caliper size and type	45 (1.77) single-piston floating caliper — Sport 48 (1.88) single-piston floating caliper — Sahara and Rubicon 51 (2) single-piston floating calipers — Rubicon 392, Xtreme 35 Pkg

## DIMENSIONS AND CAPACITIES

Wheelbase	2,460 (96.8) — 2-door, 3,008 (118.4)) — 4-door
Overhang — Front	741.6 (29.2) 749.8 (29.5) — Rubicon 392
Overhang — Rear	1,036.3 (40.8) 1,023 (40.3) — Rubicon 392
Track — Front	1,598 (62.9) 1,636 (64.4) — Rubicon 1,699 (66.9) — Xtreme 35 Pkg and Rubicon 392
Track — Rear	1,598 (62.9) 1,636 (64.4) — Rubicon 1,699 (66.9) — Xtreme 35 Pkg and Rubicon 392
Overall Length (includes spare tire)	4,237 (166.8) — 2-door 4,785 (188.4) — 4-door 4,890 (192.5) — Xtreme 35 Pkg and Rubicon 392
Overall Width	1,877 (73.9) 2,014 (79.3) — Xtreme 35 Pkg and Rubicon 392
Overall Height	1,868.4 (73.6) 1,917.7 (75.5) — Xtreme 35 Pkg and Rubicon 392

## CLEARANCES

Clearances	245/75R17 Standard on Sport	255/70R18 Standard on Sahara	LT285/70R17 Standard on Rubicon	LT315/70R17 Standard on Rubicon 392, Optional on Rubicon 4-door
Approach Angle (degrees)	41.4	41.8	44 (2-door) 43.9 (4-door)	47.4 46.7 (Rubicon 392)
Breakover Angle (degrees)	25 (2-door) 20.3 (4-door)	21	27.8 (2-door) 22.6 (4-door,)	26.7 24.5 (Rubicon 392)
Departure Angle (degrees)	35.9 (2-door) 36.1 (4-door)	36.1	37	40.4 39.8 (Rubicon 392)
Ground Clearance, mm (inches)	246.3 (9.7)	254 (10)	274.3 (10.8)	327.6 (12.9) 281.9 (11.1) (Rubicon 392)
Ramp Travel Index (Front Sta-bar disconnected)	N/A	N/A	890 (2-door) 770 (4-door)	712 (Rubicon 392)
Water fording, mm (inches)	762 (30)	762 (30)	762 (30)	863.6 (34.0)

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

## CURB WEIGHT

Curb Weight	2.0-litre (2- and 4-door)	3.6-litre (2- and 4-door)	6.4-litre (4-door)
<b>Wrangler Sport</b>			
Automatic Transmission, kg (lbs.)	1,834 (4,044) / 1,949 (4,296)	N/A	N/A
Manual Transmission, kg (lbs.)	N/A	1,820 (4,012) / 1,944 (4,285)	N/A
<b>Wrangler Sahara</b>			
Automatic Transmission, kg (lbs.)	1,982 (4,369)	N/A	N/A
Manual Transmission, kg (lbs.)	N/A	N/A	N/A
<b>Wrangler Rubicon</b>			
Automatic Transmission, kg (lbs.)	1,941 (4,279) / 2,088 (4,602)	1,939 (4,275) / 2,088 (4,604)	2,390 (5,268)
Manual Transmission, kg (lbs.)	N/A	1,926 (4,246) / 2,075 (4,575)	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 (103.7)
Front	
Headroom	1,036 (40.8) hardtop, 1,083 (42.6) soft top
Legroom	1,046 (41.2)
Shoulder room	1,417 (55.8)
Hip room	1,370 (53.9)
Seat travel	206 (8.1)
EPA front volume index, litres (cu. ft.)	1,523 (53.8)
Rear	
Headroom	1,023 (40.3) 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 (55.8) — 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 (49.9)
Liftover height	756.4 (29.7) , 782 (30.8) — Rubicon 392
Load floor height	762.1 (30)
Maximum cargo width at liftgate opening	1,218.7 (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 (72.4 cu. ft)
Rear seat upright, litres (cu. ft.)	897 (31.7 cu. ft.)
Total passenger plus cargo volume, litres (cu. ft.)	4,258 (150.4)

## WHEELS

Availability	Standard (Sport)
Type and material	Steel Painted Low Gloss Black
Size	17 x 7.5 in.

**WHEELS (CONTINUED)**

Availability	Standard (Sport S)
Type and material	Fully painted Baltic Grey cast-aluminum
Size	17 x 7.5 in.
Availability	Optional (Sport S)
Type and material	Machined cast-aluminum with Baltic Grey
Size	17 x 7.5 in.
Availability	Standard (Sahara)
Type and material	Machined cast-aluminum with Baltic Grey
Size	18 x 7.5 in.
Availability	Optional (Sahara)
Type and material	Machined cast-aluminum with Baltic Grey
Size	18 x 7.5 in.
Availability	Standard (Rubicon)
Type and material	Machined cast-aluminum with black pockets
Size	17 x 7.5 in.
Availability	Optional (Rubicon)
Type and material	Machined cast-aluminum with black pockets
Size	17 x 7.5 in.
Availability	Optional (Rubicon/Sport S 4-door)
Type and material	Beadlock capable cast aluminum, Machined Face with Mid Gloss Black Painted Pockets and Mid Gloss Black trim ring
Size	17 x 8 in.
Availability	Standard (Rubicon 392)
Type and material	Beadlock capable cast aluminum, Machined Face with Smoke Bronze Low Gloss Painted Pockets and Mid Gloss Black trim ring
Size	17 x 8 in.

**TIRES**

Availability	Standard (Sport)
Size and type	P245/75R17, on/off-road, black sidewall
Mfr. and model	Nexen Roadian HTX2
Revs per km (mile)	414 (666) – Nexen Roadian HTX2
Availability	Optional (Sport)
Size and type	P245/75R17, all-terrain, black sidewall
Mfr. and model	Nexen Roadian ATX
Revs per km (mile)	415 (668) – Nexen Roadian ATX

## TIRES (CONTINUED)

Availability	Standard (Sahara)
Size and type	P255/70R18, on/off-road, OWL
Mfr. and model	Bridgestone Dueler HT 685
Revs per km (mile)	404 (650) – Bridgestone Dueler HT 685
Availability	Optional (Sahara)
Size and type	P255/70R18 All-Terrain
Mfr. and model	General Grabber AT Sport
Revs per km (mile)	407 (655)
Availability	Standard (Rubicon and Willys)
Size and type	LT285/70R17C, on/off-road, black sidewall
Mfr. and model	BFGoodrich All-Terrain T/A KO2
Revs per km (mile)	404 (637)
Availability	Standard (Xtreme 35 4-door and Rubicon 392)
Size and type	LT315/70R17C, on/off-road, black sidewall
Mfr. and model	BFGoodrich All-Terrain T/A KO2
Revs per km (mile)	376 (604)
Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard

## TOWING CAPACITIES, KG (LBS.)

### 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	552 (1,218)	1,943 (4,285)	1,021 (2,252)	922 (2,033)	1,224 (2,700)	1,360 (3,000)	3,742 (8,250)	1,587 (3,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.45	550 (1,213)	1,956 (4,314)	1,034 (2,280)	922 (2,034)	1,224 (2,700)	1,360 (3,000)	3,742 (8,250)	1,587 (3,500)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	3.45	542 (1,197)	1,948 (4,296)	1,030 (2,272)	918 (2,024)	1,224 (2,700)	1,360 (3,000)	3,810 (8,400)	1,587 (3,500)

*GCWR = Base Weight + EPA OPTIONS WEIGHT + 2 Passenger Weight + Trailer weight rating + Trailer equipment*

## TOWING CAPACITIES (CONTINUED)

### 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	570 (1,257)	1,968 (4,339)	1,031 (2,273)	937 (2,066)	1,224 (2,700)	1,360 (3,000)	3,810 (8,400)	1,587 (3,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	3.45	557 (1,228)	1,981 (4,368)	1,043 (2,301)	937 (2,067)	1,224 (2,700)	1,360 (3,000)	3,810 (8,400)	1,587 (3,500)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	3.45	557 (1,228)	1,981 (4,369)	1,045 (2,305)	936 (2,064)	1,224 (2,700)	1,360 (3,000)	3,810 (8,400)	1,587 (3,500)

*GCWR = Base Weight + EPA OPTIONS WEIGHT + 2 Passenger Weight + Trailer weight rating + Trailer equipment*

## 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	601 (1,327)	2,075 (4,575)	1,086 (2,396)	988 (2,179)	1,406 (3,100)	1,610 (3,550)	3,855 (8,500)	1,587 (3,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.10	588 (1,298)	2,088 (4,604)	1,099 (2,424)	988 (2,180)	1,406 (3,100)	1,610 (3,550)	4,672 (10,300)	2,267 (5,000)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.56	588 (1,298)	2,088 (4,604)	1,099 (2,424)	988 (2,180)	1,406 (3,100)	1,610 (3,550)	3,855 (8,500)	1,587 (3,500)
3.6-litre V-6 gas	M6	D478 6-speed manual	4.88	602 (1,328)	2,075 (4,575)	1,086 (2,396)	988 (2,179)	1,406 (3,100)	1,610 (3,550)	3,855 (8,500)	1,587 (3,500)
3.6-litre V-6 gas	A8	850RE 8-speed automatic	4.88	588 (1,298)	2,088 (4,604)	1,099 (2,424)	988 (2,180)	1,406 (3,100)	1,610 (3,550)	3,900 (8,600)	1,587 (3,500)
2.0-litre I-4 gas	A8	850RE 8-speed automatic	4.10	588 (1,298)	2,087 (4,602)	1,098 (2,421)	989 (2,181)	1,406 (3,100)	1,610 (3,550)	4,513 (9,950)	2,267 (5,000)
6.4-litre V-8 gas	A8	8HP75 8-speed automatic	4.56	493 (1,088)	2,389 (5,268)	1,268 (2,797)	1,120 (2,471)	1,542 (3,400)	1,610 (3,550)	4,263 (9,400)	1,587 (3,500)

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