



Wrangler CANADIAN SPECIFICATIONS

2014 Jeep® Wrangler CANADIAN 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	Two-door sport-utility vehicle (SUV)
Assembly Plant	Toledo Supplier Park, Toledo, Ohio (U.S.A.)
Vehicle Class	Multipurpose vehicle
Introduction Date	1987

BODY/CHASSIS

Layout	Longitudinal front engine, four-wheel drive
Construction	Ladder-type frame, open steel body

ENGINE: 3.6-LITRE PENTASTAR DOHC 24-VALVE VVT V6

Availability	Standard on all models
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, multi-port, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power	285 hp at 6,400 rpm
Torque	260 lb.-ft. at 4,800 rpm
Max. Engine Speed	6,600 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R + M)/2
Oil Capacity	5.7 litres (6.0 qt.)
Coolant Capacity	13.25 litres (14 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
2013 EnerGuide Fuel Economy L/100km (mpg), City/Hwy	5-speed automatic 12.6 (22) / 9.4 (30) 6-speed manual 12.7 (22) / 9.3 (30)
Engine Assembly Plant	Trenton South Engine Plant, Trenton, Mich. (U.S.A.)



Wrangler

CANADIAN SPECIFICATIONS

TRANSMISSION: W5A580 AUTOMATIC, FIVE SPEED OVERDRIVE

Availability	Optional on all models
Description	Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios: Automatic	
1st	3.59
2nd	2.19
3rd	1.41
4th	1
5th	0.83
Reverse	3.16
Final Drive Ratio	3.21 standard, 3.73 optional on Sport and Sahara and standard on Rubicon (4.10 Optional on Rubicon)
Overall Top Gear	2.53 standard, 2.95 optional (3.24 Optional on Rubicon)

TRANSMISSION: NSG 370 MANUAL, SIX SPEED WITH OVERDRIVE

Availability	Standard on all models
Description	Synchronized in all forward gears and Reverse, multi-rail shift system with top-mounted shift lever
Clutch	Hydraulic actuation
Gear Ratios	
1st	4.46
2nd	2.61
3rd	1.72
4th	1.25
5th	1
6th	0.797
Reverse	4.06
Final Drive ratio	3.21 standard, 3.73 optional (4.10 Rubicon)
Overall Top Gear	2.53 standard, 2.95 optional (3.24 Rubicon)

TRANSFER CASE: NV241 COMMAND-TRAC

Available	Standard on Sport and Sahara
Type	Part-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Centre Differential Type	None
Low Range Ratio	2.72:1



Wrangler

CANADIAN SPECIFICATIONS

TRANSFER CASE: NV241OR ROCK-TRAC

Available	Standard Rubicon
Type	Part-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Centre Differential Type	None
Low Range Ratio	4.0:1
Axle Ratio	3.21 standard, 3.73 optional (3.73 standard Rubicon with automatic) 4.10 standard Rubicon with manual (optional for automatic)
Overall Top-gear	2.53 standard, 2.95 optional (2.95 standard Rubicon with automatic, 3.24 standard Rubicon with manual (optional for automatic)

AXLES

Front	Dana® 30, Dana 44 on Rubicon models
Differential Type	Open (Dana 30) or Tru-Lok electronic locking (Dana 44)
Axle Ratios	3.21, 3.73, 4.10
Rear	Dana 44
Differential Type	Open (Sport and Sahara) with available Trac-Lok anti-spin, Tru-Lok electronic locking (Rubicon)
Axle Ratios	3.21, 3.73, 4.10

ELECTRICAL SYSTEM

Alternator	160 amp
Battery	600 CCA, maintenance free

SUSPENSION

Front	Live axle, Link coil, leading arms, track bar, coil springs, stabilizer bar
Stabilizer bar	Electronic sway-bar disconnect system — standard, Rubicon
Shock type	Low-pressure (on 16-in. wheel packages) gas-charged shock absorbers — standard Monotube high-pressure (on 17- and 18-in. wheel packages) gas-charged shock absorbers — standard
Rear	Live axle, link coil, trailing arms, track bar, coil springs, stabilizer bar
Shock type	Low-pressure (on 16-in. wheel packages) gas-charged shock absorbers — standard Monotube high-pressure (on 17- and 18-in. wheel packages) gas-charged shock absorbers — standard



Wrangler

CANADIAN SPECIFICATIONS

STEERING

Type	Power, recirculating ball with damper
Overall Ratio	16.7:1 overall
Turning Diameter (curb-to-curb)	10.62 m (34.9 ft.)
Steering Turns (lock-to-lock)	3.5
P/S pump	Hydraulic

BRAKES

Type	Power-assisted, anti-lock braking system
Availability	Standard
Front	
Rotor size and type	302 x 28 (11.9 x 1.1) vented rotor
Caliper size and type	254 (10) single-diaphragm vacuum
Swept area	1,509.7 sq. cm (234.3 sq. in.)
Rear	
Rotor size and type	302 x 28 (11.9 x 1.1) vented rotor
Caliper size and type	66 (2.6) single-piston floating caliper
Swept area	1,307.1 sq. cm (202.6 sq. in.)

DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

Wheelbase	2,423.1 (95.4)
Overhang — Front	679.2 (26.7)
Overhang — Rear	777.9 (30.6)
Track — Front	1,572.3 (61.9)
Track — Rear	1,572.3 (61.9)
Overall Length (Frt bumper to Spare)	4,170.9 (164.2)
Overall Width (with exterior mirrors)	1,944.5 (76.6)
Overall Height (soft top/hard top)	1,826.1 (71.9) / 1,798.6 (70.8)
Liftover Height	706.1 (27.8)
Cargo Width at Swing-Gate Opening	1,491.0 (58.7)
Cargo Height at Swing-Gate Opening	942.3 (37.1)
Load Floor Height	706.1 (27.8)



Wrangler

CANADIAN SPECIFICATIONS

CLEARANCES

	P225/75R16	P255/75R17	P255/70R18	LT255/75R17
Approach Angle (degrees)	38.7	42.2	41.8	44.3
Breakover Angle (degrees)	21.7	25.8	25.5	27.1
Departure Angle (degrees)	28.9	32.1	30.8	33.1
Front Axle to Ground	231 (9.1)	262 (10.3)	269 (10.6)	267 (10.5)
Rear Axle to Ground	223 (8.8)	257 (10.1)	261 (10.3)	259 (10.2)
Fuel Tank Capacity	85 litres (18.6 gal.)			

CURB WEIGHT

Wrangler Sport, Manual Transmission	1,403 kg (3,760 lb.)
Wrangler Sport, Automatic Transmission	1,413 kg (3,785 lb.)
Wrangler Sahara, Manual Transmission	1,475 kg (3,951 lb.)
Wrangler Sahara, Automatic Transmission	1,484 kg (3,976 lb.)
Wrangler Rubicon, Manual Transmission	1,532 kg (4,104 lb.)
Wrangler Rubicon, Automatic Transmission	1,541 kg (4,129 lb.)

ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity (front/rear)	2/2
Total Interior Passenger Volume	2,503.2 litres (88.4 cu. ft.)
Front	
Head Room (soft top/hard top)	1,068.8 (42.1) / 1045.8 (41.2)
Legroom	1,039.2 (40.9)
Shoulder Room	1,417.0 (55.8)
Hip Room	1,350.8 (53.2)
Seat Travel	239.5 (9.4)
Front Volume Index	1,546.1 litres (54.6 cu. ft.)
Rear	
Head Room (soft top/hard top)	1,035.3 (40.8) / 1019.0 (40.1)
Legroom	879.9 (34.6)
Knee Clearance	1,565.9 (61.6)
Shoulder Room	1,114.1 (59.6)
Hip Room	1,100 (43.3)
Rear Seat Volume Index or Intermediate Passenger Volume	107.6 litres (3.8 cu. ft.)



Wrangler

CANADIAN SPECIFICATIONS

Liftover Height (maximum - Rubicon)	774.5 (30.5)
Maximum Cargo Width at Liftgate Opening	1,491.0 (58.7)
Minimum Cargo Width at Liftgate Opening	1,046.5 (41.2)
Distance between Wheelhouse Interior Trim	1,135.4 (44.7)

Cargo Volume

Behind Front Seats, Rear Seat Folded, (soft top/hard top)	1,557 litres (55 cu. ft.) / 1,486 litres (52.5 cu. ft.)
Behind Rear Seat, (soft top/hard top)	362.4 litres (12.8 cu. ft.) / 348.3 litres (12.3 cu. ft.)
Total Passenger Volume, (soft top/hard top)	3,399.4 litres (99.7 cu. ft.) / 2769.4 litres (97.8 cu. ft.)

WHEELS (in.)

Availability	Standard on Wrangler Sport B
Type and Material	Painted steel
Size	16 x 7.0

Availability	Standard on Wrangler Sport S, Optional on Wrangler Sport B
Type and Material	Polished cast-aluminum
Size	17 x 7.5

Availability	Standard on Wrangler Sahara
Type and Material	Polished cast-aluminum
Size	18 x 7.5

Availability	Standard on Wrangler Rubicon
Type and Material	Painted and polished cast-aluminum
Size	17 x 7.5

TIRES

Availability	Standard on Wrangler Sport B
Size and Type	P225/75R16, on/off-road, black sidewall
Mfr. and Model	Goodyear Wrangler ST
Revs per km (mile)	1146 (712)



Wrangler CANADIAN SPECIFICATIONS

Availability	Standard on Sport S, Optional on Wrangler Sport B
Size and Type	P255/75R17, on/off-road, OWL
Mfr. and Model	Goodyear Wrangler ST
Availability	Standard on Wrangler Sahara
Size and Type	P255/70R18, on/off-road, OWL
Mfr. and Model	Bridgestone Dueler 693
Revs per km (mile)	1,051 (653)
Availability	Standard on Wrangler Rubicon, Optional on Sport
Size and Type	LT255/75R17, on/off-road, black sidewall
Mfr. and Model	BF Goodrich Mud Terrain
Revs per km (mile)	1,046 (650)
Parking Brake Type	Drum-in-hat
Power-assist Type	
Four-wheel Anti-lock Brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard

TOWING CAPACITIES

WRANGLER SPORT 4WD kg (lb.)

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21	454 (1000)	1761 (3882)	892 (1966)	869 (1916)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6L V6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	454 (1000)	1761 (3882)	892 (1966)	869 (1916)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGL)	3.21	454 (1000)	1774 (3912)	900 (1985)	874 (1927)	1259 (2775)	1451 (3200)	2735 (6042)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGL)	3.73	454 (1000)	1774 (3912)	900 (1985)	874 (1927)	1259 (2775)	1451 (3200)	2735 (6042)	907 (2000)

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



Wrangler

CANADIAN SPECIFICATIONS

WRANGLER SAHARA 4WD kg (lb.)

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21	399 (880)	1832 (4040)	917 (2022)	917 (2021)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6L V6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	399 (880)	1832 (4040)	917 (2022)	917 (2021)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGL)	3.21	399 (880)	1846 (4070)	926 (2042)	925 (2039)	1259 (2775)	1451 (3200)	2821 (6219)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGL)	3.73	399 (880)	1846 (4070)	926 (2042)	925 (2039)	1259 (2775)	1451 (3200)	2821 (6219)	907 (2000)

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

WRANGLER RUBICON® 4WD kg (lb.)

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	405 (892)	1873 (4130)	944 (2081)	929 (2049)	1259 (2775)	1451 (3200)	2849 (6282)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGV)	3.73	405 (892)	1886 (4160)	953 (2101)	938 (2067)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)
3.6L V6 gas (EGT)	A5	WA580 5-SPD AUTO (DGV)	4.10	405 (892)	1886 (4160)	953 (2101)	938 (2067)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)

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

