



2016 JEEP_{MD} WRANGLER CANADIAN SPECIFICATIONS

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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
Assembly Plant	Toledo, Ohio (U.S.A.)
EnerGuide Vehicle Class	Multipurpose vehicle

BODY AND CHASSIS

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

ENGINE: 3.6-LITRE PENTASTAR™ V6

Availability	Standard — 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, multiport, 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 (rpm)	6,600 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R + M)/2
Fuel Tank Capacity	70 litres (15.5 imp. gal)
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
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	14.1 (20)/11.1 (25) - automatic 14.2 (20)/11.0 (26) - manual
Engine Assembly Plant	Trenton, Mich. (U.S.A.)



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TRANSMISSION: W5A580 AUTOMATIC, FIVE-SPEED OVERDRIVE

Availability	Optional — 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	3.06:1
Overall Top Gear	2.54

TRANSMISSION: NSG 370 MANUAL, SIX-SPEED WITH OVERDRIVE

Availability	Standard — 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 — 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



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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



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STEERING

Type	Power, recirculating ball with damper
Overall Ratio	16.7:1 overall
Turning Diameter (curb-to-curb)	10.54 m (34.6 ft.)
Steering Turns (lock-to-lock)	3.5
Power Steering 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
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

DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

Wheelbase	2,423 (95.4)
Overhang — Front	679 (26.7)
Overhang — Rear	778 (30.6)
Track — Front	1,572 (61.9)
Track — Rear	1,572 (61.9)
Overall Length (includes spare tire)	4,173 (164.3)
Overall Width	1,873 (73.7)
Overall Height	1,842 (72.5)
Liftover Height	706 (27.8)
Cargo Width at Swing-Gate Opening	1,491 (58.7)
Cargo Height at Swing-Gate Opening	942 (37.1)
Load Floor Height	706 (27.8)



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CLEARANCES

	P225/75R16 Standard on Sport	P255/75R17 Optional on Sport	P255/70R18 Standard on Sahara	LT255/75R17 Standard on Rubicon, Optional on Sport
Approach Angle (degrees)	38.7	41.5	41.7	42.2
Breakover Angle (degrees)	21.5	24.8	25.1	25.8
Departure Angle (degrees)	29.1	31.6	31.8	32.3
Ground Clearance mm (inches)	211 (8.3)	244 (9.6)	246 (9.7)	254 (10)

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	4,129 kg (1,541 lb.)

ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity (front/rear)	2/2
Total Interior Passenger Volume	2,503 litres (88.4 cu. ft.)
Front	
Headroom	1,048 (41.3)
Legroom	1,041 (41.0)
Shoulder Room	1,417 (55.8)
Hip Room	1,413 (55.6)
Seat Travel	240 (9.4)
Front Volume Index	1,546.1 litres (54.6 cu. ft.)
Rear	
Headroom	1,025 (40.3)
Legroom	904 (35.6)
Knee Clearance	1,566 (61.6)
Shoulder Room	1,136 (44.7)
Hip Room	1,136 (44.7)
Rear Seat Volume Index	1,368 litres (48.3 cu.ft.)



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Liftover Height	706 (27.8)
Maximum Cargo Width at Liftgate Opening	1,491 (58.7)
Minimum Cargo Width at Liftgate Opening	1,047 (41.2)
Maximum Cargo Height at Liftgate Opening	942 (37.1)
Minimum Cargo Height at Liftgate Opening	940 (37.0)
Distance between Wheelhouse Interior Trim	1,135 (44.7)
Cargo Volume	
Rear Seat Folded	1,600 litres (56.5 cu.ft.)
Rear Seat Removed	1,733 litres (61.2 cu.ft.)
Behind Rear Seat	362 litres (12.8 cu.ft.)
Total Passenger plus Cargo Volume	3,319 litres (120.05 cu.ft.)

WHEELS (in.)

Availability	Standard — Wrangler Sport
Type and Material	Painted steel, available Low Gloss Black painted
Size	16 x 7.0
Availability	Standard — Wrangler Sahara
Type and Material	Painted and polished cast-aluminum
Size	18 x 7.5
Availability	Standard — Wrangler Rubicon
Type and Material	Painted and polished cast-aluminum
Size	17 x 7.5



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TIRES

Availability	Standard — Wrangler Sport
Size and Type	P225/75R16, on/off-road, black sidewall
Mfr. and Model	Goodyear Wrangler ST
Revs per km (mile)	441 (712)
Availability	Available — Wrangler Sport
Size and Type	P245/75R16, on/off-road, OWL
Mfr. and Model	Bridgestone Dueler A/T Revo2
Revs per km (mile)	424 (684)
Availability	Standard — Wrangler Sahara
Size and Type	P255/70R18, on/off-road, OWL
Mfr. and Model	Bridgestone Dueler 693
Revs per km (mile)	404 (653)
Availability	Standard — Wrangler Rubicon
Size and Type	LT255/75R17, on/off-road, black sidewall
Mfr. and Model	BF Goodrich Mud Terrain
Revs per km (mile)	403 (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 kg (lb.)

WRANGLER SPORT 4WD

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 V6 gas (EGT)	M6	NSG370 6-speed Manual (DEH)	3.21	454 (1000)	1759 (3879)	892 (1966)	868 (1913)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6-litre V6 gas (EGT)	M6	NSG370 6-speed Manual (DEH)	3.73	454 (1000)	1759 (3879)	892 (1966)	868 (1913)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGL)	3.21	454 (1000)	1765 (3892)	889 (1961)	876 (1931)	1259 (2775)	1451 (3200)	2735 (6042)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGL)	3.73	454 (1000)	1765 (3892)	889 (1961)	876 (1931)	1259 (2775)	1451 (3200)	2735 (6042)	907 (2000)

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



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WRANGLER SAHARA 4WD

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 V6 gas (EGT)	M6	NSG370 6-speed Manual (DEH)	3.21	399 (880)	1839 (4055)	923 (2035)	917 (2021)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6-litre V6 gas (EGT)	M6	NSG370 6-speed Manual (DEH)	3.73	399 (880)	1839 (4055)	923 (2035)	917 (2021)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGL)	3.21	399 (880)	1846 (4069)	921 (2030)	925 (2039)	1259 (2775)	1451 (3200)	2821 (6219)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGL)	3.73	399 (880)	1846 (4069)	921 (2030)	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

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 V6 gas (EGT)	M6	NSG370 6-speed Manual (DEH)	4.10	405 (892)	1874 (4132)	945 (2084)	929 (2049)	1259 (2775)	1451 (3200)	2849 (6282)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGV)	3.73	405 (892)	1880 (4146)	943 (2079)	938 (2067)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)
3.6-litre V6 gas (EGT)	A5	WA580 5-speed Automatic (DGV)	4.10	405 (892)	1881 (4146)	943 (2079)	938 (2067)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)

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

