



2013 Jeep® Wrangler CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

NOTE: Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

Body Style	Two-door sport-utility vehicle
Assembly Plant	Toledo, Ohio, U.S.A.
EnerGuide Vehicle Class	Special purpose vehicle
Introduction Date	1987

BODY/CHASSIS

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

ENGINE: 3.6-LITRE, DOHC V6

Availability	Standard on all models
Type and Description	60° V-type, liquid-cooled
Displacement	220 cu. in. (3604 cu cm)
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	5.7L (6.0 qt.)
Coolant Capacity	13.25L (14 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
2012 EnerGuide Fuel Economy L/100 km (mpg) (City/Hwy)	5-speed automatic 12.6 (22) / 9.5 (30) 6-speed manual 12.7 (22) / 9.3 (30)
Assembly Plant	Trenton, Michigan, U.S.A.



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TRANSMISSION: W5A580 AUTOMATIC, FIVE-SPEED OVERDRIVE

Availability	Optional
Description	Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1 st	3.59
2 nd	2.19
3 rd	1.41
4 th	1
5 th	0.83
Reverse	3.16
Overall Top-gear	2.54

TRANSMISSION: NSG 370 MANUAL, SIX-SPEED 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	
1 st	4.46
2 nd	2.61
3 rd	1.72
4 th	1.25
5 th	1
6 th	0.797
Reverse	4.06
Axle Ratio	3.21 standard Sport and Sahara, 3.73 optional Sport and Sahara (4.10 standard Rubicon)
Overall Top-gear	2.53 standard, 2.95 optional (3.24 Rubicon)

TRANSFER CASE: NV241 COMMAND-TRAC®

Available	Standard on Sport and Sahara
Axle Ratio	3.21 Standard (3.73 Optional)
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 on 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	3.73 standard Rubicon w/automatic 4.10 standard Rubicon w/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

DIMENSIONS AND CAPACITIES

Overall Length	3881 (152.8)
Overall Width (without Mirrors)	1873(73.7)
Overall Height, Hardtop	1800 (70.9)
Wheelbase	2424 (95.4)
Track, Front	1572 (61.9)
Track, Rear	1572 (61.9)
Overhang, Front	679 (26.7)
Overhang, Rear	778 (30.6)
Lift-over Height	706 (27.8)
Cargo Width at swing gate opening	1491(58.7)
Cargo Height at swing gate opening	942.3 (37.1)
Load Floor Height	706 (27.3)



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Fuel-tank Capacity L (gal) 70 L (15.4)

CLEARANCES

	P225/75R16	P245/75R16	P255/75R17	P255/70R18	LT255/75R17
Approach Angle, Deg.	40.8	42.0	43.8	44.6	44.3
Breakover Angle, Deg.	21.8	23.1	24.9	25.5	25.4
Departure Angle, Deg.	37.4	38.7	40.3	40.6	40.4
Front Axle to Ground	231 (9.1)	244 (9.6)	262 (10.3)	269 (10.6)	267 (10.5)
Rear Axle to Ground	223 (8.8)	239 (9.4)	257 (10.1)	261 (10.3)	259 (10.2)

CURB WEIGHT kg (lb.)

Wrangler Sport, Manual Transmission	1754.0 (3867)
Wrangler Sport, Automatic Transmission	1759.9 (3880)
Wrangler Sahara, Manual Transmission	1833.4 (4042)
Wrangler Sahara, Automatic Transmission	1839.8 (4056)
Wrangler Rubicon, Manual Transmission	1874.2 (4132)
Wrangler Rubicon, Automatic Transmission	1880.6 (4,146)

ACCOMMODATIONS

Seating Capacity, F/R 2/2

Front

Head Room	1048.4 (41.3)
Legroom	1041.4 (41.0)
Shoulder Room	1416.7 (55.8)
Hip Room	1412.8 (55.6)
Seat Travel	Driver — 239.5 (9.4)
Front-Volume Index, L (cu ft)	1546 (54.6)

Rear

Head Room	1024.6 (40.3)
Legroom	904.2 (35.6)
Shoulder Room	1565.9 (61.6)
Hip Room	1135.6 (44.7)
Rear-Seat Volume Index, L (cu ft)	1368 (48.3)
Cargo Lifterover Height	706.1 (27.8)
Maximum Cargo Width at liftgate Opening	1491.0 (58.7)
Minimum Cargo Width at liftgate Opening	1046.5 (41.2)
Maximum Cargo Height at liftgate Opening	942.3 (37.1)
Minimum Cargo Height at liftgate Opening	939.8 (37.0)
Distance Between Wheelhouses Interior Trim	1135.4 (44.7)



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Cargo Volume - L (cu. ft.)

Rear Seat Installed	1600 (56.5)
Rear Seat Removed	1733 (61.2)
Behind Rear Seat	486 (17.15)
Total Passenger Plus Cargo Volume	3399 (120.05)

STEERING

Type	Power, recirculating ball with damper
Overall Ratio	16.7:1 overall
Turning Diameter (curb-to-curb)	10.6 m (34.9 ft.)
Steering Turns (lock-to-lock)	3.5
Power Steering Pump	Hydraulic

BRAKES

Availability	Standard
Type	Power-assisted, anti-lock braking system
Front	11.9 x 1.1 (302 x 28) vented rotor
Rotor size and type – in. (mm)	with 2.6 (66) single-piston floating caliper
Caliper size and type	254 (10) single-diaphragm vacuum
Swept Area, sq. m (sq. in.) - Total Front	9032 (234.3)
Rear	12.44 x 0.47 (316 x 12) solid rotor
Rotor size and type – in. (mm)	with 1.9 (48) single-piston floating caliper
Swept Area, (Total Rear)	5146 (202.6)

WHEELS

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

Availability	Standard on Wrangler Sahara
Type and Material	Painted cast-aluminum
Size	18 x 7.5 in.

Availability	Optional on Wrangler Sahara
Type and Material	Polished Satin Carbon
Size	18 x 7.5 in.

Availability	Standard on Wrangler Rubicon Optional on Wrangler Sport
Type and Material	Polished Mineral Grey
Size	17 x 7.5 in.



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TIRES

Availability	Standard on Wrangler Sport
Size and Type	P225/75R16, on/off-road, black sidewall
Mfr. and Model	Goodyear Wrangler ST
Revs per km (Mile)	1146 (712)
Availability	Standard on Wrangler Sahara
Size and Type	P255/70R18, on/off-road, OWL
Mfr. and Model	Bridgestone Dueler 693
Revs per km (Mile)	1051 (653)
Availability	Standard on Wrangler Rubicon Optional on Wrangler Sport
Size and Type	LT255/75R17, on/off-road, black sidewall
Mfr. and Model	BF Goodrich Mud Terrain
Revs per km (Mile)	1046 (650)

Towing Capacities kg (lb)

WRANGLER SPORT 4WD									
Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.21	454 (1000)	1760 (3867)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	454 (1000)	1760 (3867)	1259 (2775)	1451 (3200)	2735 (6029)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.21	454 (1000)	1765 (3880)	1259 (2775)	1451 (3200)	2741 (6042)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	454 (1000)	1765 (3880)	1259 (2775)	1451 (3200)	2741 (6042)	907 (2000)

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lb for driver.

WRANGLER TWO-DOOR SAHARA 4WD									
Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.21	299 (880)	1840 (4055)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	299 (880)	1840 (4055)	1259 (2775)	1451 (3200)	2815 (6205)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.23	299 (880)	1846 (4069)	1,259 (2775)	1,451 (3200)	2,821 (6219)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	299 (880)	1,846 (4069)	1,259 (2775)	1,451 (3200)	2,821 (6219)	907 (2000)

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lb for driver.

WRANGLER TWO-DOOR RUBICON® 4WD kg (lb)									
Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	405 (892)	1874 (4132)	1259 (2775)	1451 (3200)	2849 (6282)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	405 (892)	1881 (4146)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	4.10	405 (892)	1881 (4146)	1259 (2775)	1451 (3200)	2856 (6296)	907 (2000)

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lb for driver.

