



WRANGLER UNLIMITED

CANADIAN SPECIFICATIONS

2013 Jeep® Wrangler Unlimited

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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	Four-door sport-utility vehicle
Assembly Plant	Toledo, Ohio, U.S.A.
EnerGuide Vehicle Class	Special purpose vehicle
Introduction Date	2007

ENGINE: 3.6-LITRE VVT, 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	3.78 x 3.27 (96 x 83)
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 @ 6,400 rpm
Torque	260 lb.-ft. @ 4,800 rpm
Max Engine Speed	6,600 erpm (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 13.2 (21)/10.0 (28) 6-speed Manual 13.4 (21)/9.6 (29)
Assembly Plant	Trenton, Michigan, U.S.A.



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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	1.0
6 th	0.797
Reverse	4.06

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	1.0
5 th	0.83
Reverse	3.16

TRANSFER CASE: NV241 COMMAND-TRAC™

Availability	Standard on Wrangler 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®

Availability	Standard on Wrangler 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)
Overall Top-gear	2.95 standard Rubicon w/automatic, 3.24 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



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DIMENSIONS AND CAPACITIES

Wheelbase	2947 (116.0)
Overhang, Front	679 (26.7)
Overhang, Rear	778 (30.6)
General Overall Length	4404 (173.4)
Overall Width (without Mirrors)	1877 (73.9)
Track, Front	1572 (61.9)
Track, Rear	1572 (61.9)
Height	1800 (70.8)
Cargo width at swing-gate opening	1491 (58.7)
Cargo height at swing-gate opening	942.3 (37.1)
Load floor height	706.1 (27.8)
Fuel-tank Capacity L (gal.)	85 (18.6)

CLEARANCES

	P225/75R16	P255/75R17	P255/70R18	LT255/75R17
Approach Angle, Deg.	40.6	43.6	44.4	44.4
Breakover Angle, Deg.	17.8	20.3	20.9	20.8
Departure Angle, Deg.	37.4	40.3	40.7	40.5
Front Axle to Ground	229 (9.0)	259 (10.2)	267 (10.5)	267 (10.5)
Rear Axle to Ground	221 (8.7)	254 (10.0)	259 (10.2)	257 (10.1)

CURB WEIGHT kg (lb.)

Sport, Manual Transmission	1923 (4240)
Sport, Automatic Transmission	1929 (4253)
Sahara, Manual Transmission	1987 (4382)
Sahara, Automatic Transmission	1933 (4395)
Rubicon, Manual Transmission	2050 (4521)
Rubicon, Automatic Transmission	2057 (4535)

ACCOMMODATIONS

Seating Capacity (front/rear)	2/3
Front	
Head Room	1048 (41.3)
Leg Room	1041 (41.0)
Shoulder Room	1417 (55.8)
Hip Room	1413 (55.6)
Seat Travel	240 (9.4)
Front-Volume Index, L (cu. ft.)	1546 (54.6)



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Rear

Head Room	1025 (40.4)
Leg Room	945 (37.2)
Shoulder Room	1443 (56.8)
Hip Room	1440 (56.7)
Rear-Seat Volume Index, L (cu. ft.)	1399 (49.4)
Cargo Lift-over Height	798 (31.4)
Maximum Cargo Width at Swing Gate Opening	1490 (58.7)
Minimum Cargo Width at Swing Gate Opening	1047 (41.2)
Maximum Cargo Height at Swing Gate Opening	942 (37.1)
Minimum Cargo Height at Swing Gate Opening	940 (37.0)
Distance Between Wheelhouses	1136 (44.7)
Cargo Volume, L (cu. ft.)	
Rear Seat Folded	2456 (88.7)
Rear Seat Upright	1315 (46.4)
Total Pass plus Cargo Volume	4250 (150.4)

STEERING

Type	Power, recirculating ball with damper
Overall Ratio (m/ft)	16.7:1 overall
Turning Diameter (curb-to-curb)	12.56 (41.2 ft.) with 225/75R16 tires
Steering Turns (lock-to-lock)	3.5
P/S Pump	Hydraulic

BRAKES

Availability	Standard
Type	Power assisted, anti-lock braking system
Front	
Rotor size and type	11.9 x 1.1 (302 x 28) vented rotor
Caliber size and type	10 (254) single-diaphragm vacuum
Rear	
Rotor size and type	11.9 x 1.1 (302 x 28) vented rotor
Caliber size and type	2.6 (66) single-piston floating caliper



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WHEELS

Availability	Standard on Wrangler Unlimited Sport
Type and Material	Painted steel
Size	16 x 7.0 in.
Availability	Standard on Wrangler Unlimited Rubicon
Type and Material	Painted and polished cast-aluminum
Size	17 x 7.5 in.
Availability	Standard on Wrangler Unlimited Sahara
Type and Material	Painted cast-aluminum
Size	18 x 7.5 in.
Availability	Optional on Wrangler Unlimited Sahara
Type and Material	Polished aluminum
Size	18 x 7.5 in.

TIRES

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



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TOWING CAPACITIES

WRANGLER UNLIMITED SPORT 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)	3.21	454 (1000)	1923 (4240)	1259 (2775)	1451 (3200)	2915 (6427)	907 (2000)
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	454 (1000)	1923 (4240)	1259 (2775)	1451 (3200)	3596 (7927)	1588 (3500)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.21	454 (1000)	1929 (4253)	1259 (2775)	1451 (3200)	2922 (6441)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	454 (1000)	1929 (4253)	1259 (2775)	1451 (3200)	3602 (7941)	1588 (3500)

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

WRANGLER UNLIMITED SAHARA 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)	3.21	399 (880)	1987 (4382)	1259 (2775)	1451 (3200)	2970 (6547)	907 (2000)
3.6L V6 gas (ERB)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	399 (880)	1987 (4382)	1259 (2775)	1451 (3200)	3650 (8047)	1588 (3500)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.21	399 (880)	1993 (4395)	1259 (2775)	1451 (3200)	2976 (6561)	907 (2000)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	399 (880)	1993 (4395)	1259 (2775)	1451 (3200)	3656 (8061)	1588 (3500)

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

WRANGLER UNLIMITED 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)	4.1	405 (892)	2050 (4521)	1259 (2775)	1451 (3200)	3706 (8171)	1588 (3500)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	3.73	405 (892)	2057 (4535)	1259 (2775)	1451 (3200)	3706 (8171)	1588 (3500)
3.6L V6 gas (ERB)	A5	W5A580 5-SPD AUTO (DGJ)	4.1	405 (892)	2057 (4535)	1259 (2775)	1451 (3200)	3706 (8171)	1588 (3500)

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

