

LEGEND: S = Standard, O = Optional, P = Package, — = Not available

Complete package information is listed at the end of the Feature Availability section.

NOTE: Information shown is correct at time of publication and is subject to change without notice.

2009 Jeep® Wrangler Unlimited

FEATURE AVAILABILITY

	X	Sahara	Rubicon
EXTERIOR			
Colors			
Sunburst Orange Pearl Coat, Deep Water Blue Pearl Coat, Brilliant Black Crystal Pearl Coat, Bright Silver Metallic Clear Coat, Jeep Green Metallic Clear Coat, Red Rock Crystal Pearl Coat	O	O	O
Flame Red Clear Coat, Detonator Yellow Clear Coat, Stone White Clear Coat	O	—	O
Doors			
Four doors, removable	S	S	S
Full, metal with roll-up windows (included with hard or dual top)	S	S	S
Half, metal (not available with hard or dual top options)	O	—	O
Fender Flares			
Black	S	—	S
Body-color	—	S	—
Fog Lamps	P	S	S
Grille—Body-color	S	S	S
Halogen Headlamps	S	S	S
Mirrors—Dual, swing-away, manual, Black	S	S	S
Rock Rails—Heavy-duty, black-painted steel	—	—	S
Side Steps—Tubular	O	S	—
Tops			
Sunrider® soft top with “sun roof” feature	S	S	S
Freedom Top®—Three-piece modular hardtop	O	O	O
Tow Hooks—Two, front; one, rear	P	S	S
Windshield—Fold-down	S	S	S
Windshield Wipers—Two-speed with variable intermittent mode	S	S	S
INTERIOR			
Assist Handle—Passenger	S	S	S
Carpeting			
Front seat, rear seat, wheelhouse and cargo area	S	S	S
Cargo Tie-down Loops (four)	S	S	S
Climate Control			
Air conditioning	S	S	S
Console—Floor			
Full-length with front and rear cup holders, locking storage bin	S	S	S
Door Locks—Power	P	S	S

	X	Sahara	Rubicon
Floor Mats—Carpeted, front and rear	O	S	S
Glove Compartment	S	S	S
Instrument Cluster			
Gauges—Speedometer, tachometer, odometer, trip odometer, temperature, fuel level, oil pressure, voltmeter	S	S	S
Temperature and compass gauge	—	S	S
Mirrors			
Manual day/night rearview	S	S	S
Power Accessory—12-volt power outlet in instrument panel	S	S	S
Radios			
AM/FM stereo radio with CD player and MP3/WMA auxiliary input jack	S	S	S
AM/FM stereo radio with six-disc DVD/CD changer and MP3/WMA auxiliary input jack	O	O	O
disconnect gps with AM/FM stereo radio, single-disc DVD/CD changer, GPS Navigation System, MP3/WMA auxiliary jack, 30-gigabyte hard drive and SIRIUS Satellite Radio	—	O	O
SIRIUS Satellite Radio	O	S	S
Six speakers	S	S	S
Six Infinity speakers and subwoofer with 368-watt high power amplifier	O	S	S
Seat Fabric			
Cloth	S	—	—
Stain Repel	—	S	S
Seats, Front			
Reclining bucket with adjustable head restraints	S	S	S
Seats, Rear			
Fold-and-tumble 60/40 split bench	S	S	S
Speed Control	P	S	S
Sport Bar with Full Padding, Two Speakers and Dome Light	S	S	S
Steering Column—Tilt, manual	S	S	S
Steering Wheel			
Leather-wrapped	O	S	S
Storage—Lockable, under rear cargo area floor	S	S	S
Sun Visors—Driver and front passenger	S	S	S
Windows—Power	P	S	S
POWERTRAIN AND CHASSIS			
Alternator—140-amp	S	S	S
Battery—600-amp maintenance-free	S	S	S
Brakes			
Four-wheel disc brakes with vented front, solid rear discs, and Anti-lock Brake System (ABS) with on- and off-road calibrations	S	S	S
Differential			
Trac-Lok ^(a)	O	O	—

	X	Sahara	Rubicon
Tru-Lok® front and rear electronic remote locking	—	—	S
Drive Modes:			
Two-wheel drive	S	S	—
Four-wheel drive	O	O	S
Engines			
3.8-liter OHV 12-valve SMPI V-6 engine and six-speed NSG 370 manual transmission	S	S	S
3.8-liter OHV 12-valve SMPI V-6 engine and four-speed 42RLE automatic transmission	O	O	O
Engine Block Heater	O	O	O
Front Axle			
Enhanced Dana 30	S	S	—
Dana 44, heavy-duty	—	—	S
Rear Axle			
Dana 44, heavy-duty	S	S	S
3.21 axle ratio	S	S	—
3.73 axle ratio—With automatic, optional manual	O	O	—
4.10 axle ratio (available on Rubicon only)	—	—	S
Skid Plates—Fuel tank, transfer case, automatic transmission oil pan (four-wheel drive only)	S	S	S
Steering—Power	S	S	S
Suspension			
Quadra-Coil	S	S	S
Front: five-link solid axle, gas-charged shock absorbers, stabilizer bar	S	S	S
Front: Electronic Sway Bar Disconnect System	—	—	S
Rear: five-link solid axle, gas-charged shock absorbers, stabilizer bar	S	S	S
Tire—Spare, swing-gate-mounted, full-size with matching wheel	S	S	S
Tires			
Goodyear Wrangler ST P225/75R16 on/off-road, black sidewall	S	—	—
Goodyear Wrangler SRA P255/75R17 on/off-road, Outlined White Lettered (OWL)	O	—	—
Bridgestone Dueler 693 P255/70R18 on/off-road, OWL	—	S	—
BF Goodrich Mud Terrain LT255/75R17 on/off-road, black sidewall	—	—	S
Transfer Case			
Command-Trac® part-time two-speed	S	S	—
Rock-Trac® two-speed with 4.0:1 low-range gear ratio and electric front- and rear-axle lockers	—	—	S
Wheels			
16-inch x 7.0-inch painted steel	S	—	—
17-inch x 7.5-inch painted cast-aluminum	O	—	—
17-inch x 7.5-inch machined cast-aluminum	—	—	S
18-inch x 7.5-inch polished machined-face aluminum	—	S	—
(a) Trac-Lok® is a registered trademark of Spicer Technology Inc.			

	X	Sahara	Rubicon
SAFETY AND SECURITY			
Brake Assist	S	S	S
Brake Lock Differentials	S	S	S
Electronic Roll Mitigation (ERM)	S	S	S
Electronic Stability Program (ESP)	S	S	S
Hill Start Assist	S	S	S
Restraint Systems			
Air bags ^(a) , advanced multi-stage driver and front-passenger air bag	S	S	S
LATCH (Lower Anchors and Tethers for CHildren)	S	S	S
Front-seat-mounted side air bags	O	O	O
Remote Keyless Entry	P	S	S
Remote Start (available with automatic transmission only)	O	O	O
Seat Belts			
Driver's side Constant Force Retractors (CFR)	S	S	S
Front—Three-point belts with adjustable turning loops and traveling inboard buckles	S	S	S
Rear—Three-point belts	S	S	S
Seats—Rear, outboard head restraints	S	S	S
Sentry Key [®] Engine Immobilizer	S	S	S
Tire Pressure Monitoring	S	S	S
Traction Control—All speed	S	S	S
Warning Chime—Key-in-ignition, headlamps-on, seat belt, check gauges	S	S	S
(a) Certified to meet federal regulations that allow less forceful air bags. Always use seat belts. Remember, a back seat is the safest place for children.			
EQUIPMENT GROUPS			
Power Convenience Group —Includes power locks, one-touch-down power windows and remote keyless entry (requires full metal doors)	O	S	S
Premium Appearance Group —Includes silver front and rear bumper overlays as well as interior silver accents on HVAC outlet bezels and steering wheel spokes	—	S	—
Trailer Tow Package —Includes 3.73 axle ratio (4.10 on Rubicon) and Trailer Sway Control	O	O	O
Removable ashtray and lighter element	O	O	O
Right-hand drive for rural letter carriers	O	—	—
Legend: S = Standard O = Optional P = Available within package or group — = Not available			

2009 Jeep® Wrangler Unlimited

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style	Four-door Sport-utility vehicle
Assembly Plant	Toledo, Ohio
EPA Vehicle Class	Multi-purpose vehicle

ENGINE: 3.8-LITER, OHV, 12-VALVE SMPI V-6

Availability	Standard
Type and Description	Six-cylinder, 60° V-type, liquid-cooled
Displacement	230.5 cu. in. (3778 cu. cm)
Bore x Stroke	3.78 x 3.43 (96 x 87)
Valve System	OHV, 12 valves, roller followers, hydraulic lifters
Fuel Injection	Sequential, multi-port, electronic
Construction	Cast-iron block, aluminum alloy heads
Compression Ratio	9.6:1
Power (SAE net)	202 hp (151 kW) @ 5,200 rpm (53.9 hp/L)
Torque (SAE net)	237 lb.-ft. (321 N•m) @ 4,000 rpm
Fuel Recommendation	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6 qt. (5.7L) plus filter
Coolant Capacity	13.36 qt. (12.64L) Std.
Emission Controls	Three-way catalytic converter, heated oxygen sensors, electronic EGR and internal engine features Manual transmission meets Tier 2 Bin 5 (federal) and LEV II (CA) emission requirements Automatic transmission meets Tier 2 Bin 5 (federal) and ULEV II (CA) emission requirements
Estimated EPA Fuel Economy mpg (city/hwy)	15/20—4x2, automatic transmission 15/19—4x4, automatic and manual transmissions

ELECTRICAL SYSTEM

Alternator	140-amp
Battery	600 CCA, maintenance-free

TRANSMISSION: NSG 370—MANUAL, SIX-SPEED OVERDRIVE

Availability	Standard—All 4x4 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	0.84
Reverse	4.06
Axle Ratio	3.21 standard, 4.10 optional (standard on Rubicon)
Overall Top Gear	2.69 standard, 3.44 optional (standard on Rubicon)

TRANSMISSION: 42RLE—AUTOMATIC, FOUR-SPEED OVERDRIVE WITH VARIABLE LINE PRESSURE

Availability	Standard—4x2 models; Optional—4x4 models
Description	Electronic governor, electronically controlled converter clutch
Gear Ratios	
1 st	2.84
2 nd	1.57
3 rd	1
4 th	0.69
Reverse	2.21
Axle Ratio	4.1
Overall Top Gear	2.83

TRANSFER CASE: NV241 COMMAND-TRAC®

Type	Part-time
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Low Range Ratio	2.72:1
Center Differential Type	None

TRANSFER CASE: NV241OR ROCK-TRAC®

Type	Part-time, heavy-duty
Operating Modes	2WD High; 4WD High; Neutral; 4WD Low
Low Range Ratio	4.0:1
Center Differential Type	None

DIMENSIONS AND CAPACITIES

General Overall Length	173.4 (4404.5)
Overall Width (without Mirrors)	73.9 (1876.5)
Height	70.8 (1799.5)
Wheelbase	116.0 (2947.2)
Track, Front	61.9 (1572.3)
Track, Rear	61.9 (1572.3)
Overhang, Front	26.7 (679.2)
Overhang, Rear	30.6 (778.1)
Maximum Payload (includes Occupants and Cargo)	1,000 lbs. (454 kg)

Fuel Tank Capacity	22.5 gallons
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CLEARANCES	P225/75R16 Tire	P255/75R17 Tire	P255/70R18 Tire	LT255/75R17 Tire
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.	37.5	40.3	40.7	40.5
Front Axle to Ground	9.0 (228.6)	10.2 (259.1)	10.5 (266.7)	10.5 (266.7)
Rear Axle to Ground	8.7 (221.0)	10.0 (254.0)	10.2 (259.1)	10.1 (256.5)

CURB WEIGHT

Wrangler X, Manual Transmission	4,075 lbs. (1848 kg)
Wrangler X, Automatic Transmission	4,100 lbs. (1860 kg)
Wrangler Sahara, Manual Transmission	4,269 lbs. (1936 kg)
Wrangler Sahara, Automatic Transmission	4,294 lbs. (1948 kg)
Wrangler Rubicon, Manual Transmission	4,315 lbs. (1957 kg)
Wrangler Rubicon, Automatic Transmission	4,340 lbs. (1969 kg)

ACCOMMODATIONS

Seating Capacity, F/R	2/3
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Front

Head Room	41.3 (1048.4)
Leg Room	41.0 (1041.4)
Shoulder Room	55.8 (1416.7)
Hip Room	55.6 (1412.8)
Seat Travel	Driver—9.055 (230.0), passenger—9.055 (230.0)
Front Volume Index, cubic ft. (cu. m)	54.6 (1.55)

Rear

Head Room	40.4 (1025.4)
Leg Room	37.2 (944.9)
Shoulder Room	56.8 (1443.1)
Hip Room	56.7 (1440.0)
Rear Seat Volume Index, cubic ft. (cu. m)	49.4 (1.40)
Cargo Lifter Height	31.4 (798.3)
Maximum Cargo Width at Swing Gate Opening	58.7 (1490.4)
Minimum Cargo Width at Swing Gate Opening	41.2 (1046.5)
Maximum Cargo Height at Swing Gate Opening	37.1 (942.3)
Minimum Cargo Height at Swing Gate Opening	37.0 (939.8)
Distance Between Wheelhouses	44.7 (1135.6)
Cargo Volume cubic ft. (cu. m)	
Rear Seat Folded	86.75 (2.46)
Rear Seat Upright	46.43 (1.31)

BODY AND CHASSIS

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

SUSPENSION

Front	Live axle, leading arms, track bar, coil springs, stabilizer bar, low-pressure (on 16-inch wheel packages) gas-charged shock absorbers—standard Monotube high-pressure (on 17- and 18-inch wheel packages) gas-charged shock absorbers—standard Electronic Sway Bar Disconnect System—optional
Rear	Live axle, trailing arms, track bar, coil springs, stabilizer bar, low-pressure (on 16-inch wheel packages) gas-charged shock absorbers—standard Monotube high-pressure (on 17- and 18-inch wheel packages) gas-charged shock absorbers—standard

STEERING

Type	Power, recirculating ball with damper
Overall Ratio	14.7:1 overall
Turning Diameter (curb-to-curb)	41.2 ft. (12.56 m) with 225/75R16 tires
Steering Turns (lock-to-lock)	3.5

BRAKES

Availability	Standard All
Power Assist Type	8 x 9 dual-diaphragm vacuum
Four-wheel Anti-lock Brake System (ABS) with On- and Off-road Calibrations	Standard All
Electronic Stability Program (ESP)	Standard All
Parking Brake Type	Drum-in-hat
Front Size and Type	11.9 x 1.1 (302 x 28) vented rotor with 2.6 (66) single-piston floating caliper
Swept Area (Total Front)	220.6 inches/caliper
Rear Size and Type	12.44 x 0.47 (316 x 12) solid rotor with 1.9 (48) single-piston floating caliper
Swept Area (Total Rear)	207.7 inches/caliper

WHEELS

Availability	X Standard
Type and Material	Painted steel
Size	16 x 7.0
Availability	X Optional, Rubicon Standard
Type and Material	Machined cast-aluminum
Size	17 x 7.5

Availability	Sahara Standard
Type and Material	Machined cast-aluminum
Size	18 x 7.5

TIRES

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

TOWING CAPACITIES**WRANGLER UNLIMITED X 2WD**

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V-6 Gas	A4	42RLE VLP 4-SPD AUTO	3.73	1150	3889	2096	1793	2650	3400	7539	3500

WRANGLER UNLIMITED SAHARA 2WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V-6 Gas	A4	42RLE VLP 4-SPD AUTO	3.73	1150	4079	2184	1896	2650	3400	7729	3500

WRANGLER UNLIMITED X 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V-6 Gas	M6	NSG370 6-SPD MANUAL	3.21 **	1150	4075	2243	1832	2650	3400	5225	1000
3.8L V-6 Gas	M6	NSG370 6-SPD MANUAL	3.73	1150	4,75	2243	1832	2650	3400	7725	3500
3.8L V-6 Gas	A4	42RLE VLP 4-SPD AUTO	3.73	1150	4100	2264	1836	2650	3400	7750	3500

WRANGLER UNLIMITED SAHARA 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V-6 Gas	M6	NSG370 6-SPD MANUAL	3.21 **	1150	4269	2334	1936	2650	3400	5419	1000
3.8L V-6 Gas	M6	NSG370 6-SPD MANUAL	3.73	1150	4269	2334	1936	2650	3400	7919	3500
3.8L V-6 Gas	A4	42RLE VLP 4-SPD AUTO	3.73	1150	4294	2355	1940	2650	3400	7944	3500

WRANGLER UNLIMITED RUBICON 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V-6 Gas	M6	NSG370 6-SPD MANUAL	4.10	1150	4315	2360	1955	2650	3400	7965	3500
3.8L V-6 Gas	A4	42RLE VLP 4-SPD AUTO	4.10	1150	4340	2381	1959	2650	3400	7990	3500

NOTES:

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.
2. ** AHT Trailer Tow Package not available with 3.21 axle ratio.