

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 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			
Two 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 (requires tow hooks)	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			
Soft, easy folding with soft windows	S	S	S
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 (requires fog lamps)	P	S	S
Windshield—Fold-down, sunscreen	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—two	S	S	S
Climate Control			
Air conditioning	O	S	S
Console—Floor			
Mini with front and rear cup holders, cubby bin	S	—	—

	X	Sahara	Rubicon
Full length with front and rear cup holders, locking storage bin	—	S	S
Door Locks—Power	P	P	P
Floor Mats—Carpeted, front	P	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, MP3/WMA auxiliary jack, 30 gigabyte hard drive and SIRIUS Satellite Radio	—	O	O
SIRIUS Satellite Radio	O	O	O
Six speakers	S	S	S
Six Infinity speakers and subwoofer with 368-watt high power amplifier	O	S	S
Seat Fabric			
Vinyl	S	—	—
Cloth	O	—	—
Stain Repel	—	S	S
Seats, Front			
Low-back reclining bucket with adjustable head restraints	S	S	S
Seats, Rear			
Fold-and-tumble bench	S	S	S
Speed Control (packaged with leather-wrapped steering wheel)	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 with speed controls	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	P	P
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

	X	Sahara	Rubicon
Differential			
Trac-Lok ^(a)	O	O	—
Tru-Lok [®] front and rear electronic remote locking	—	—	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 with manual	S	S	—
3.73 axle ratio with automatic, optional manual	O	O	—
4.10 axle ratio	—	—	S
Skid Plates—Fuel tank, transfer case, automatic transmission oil pan	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 Letter (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	—
Off-Road 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	P	—	—
17-inch x 7.5-inch machined cast-aluminum	—	—	S
18-inch x 7.5-inch polished machined face	—	S	—

(a) Trac-Lok[®] is a registered trademark of Spicer Technology Inc.

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
Occupant Classification System (OCS)	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	P	P
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 system	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	O
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) – Now also includes Trailer Sway Control	O	O	O
Removable ashtray and lighter element	O	O	O

Legend: S = Standard O = Optional P = Available within package or group — = Not available

2009 Jeep® Wrangler

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style	Two-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 Meets Tier 2 Bin 5 (federal) and LEV 2 (CA) emission requirements
Estimated EPA Fuel Economy mpg (city/hwy)	15/19

ELECTRICAL SYSTEM

Alternator	140-amp
Battery	600 CCA, maintenance-free

TRANSMISSION: NSG 370—MANUAL, SIX-SPEED 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	
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

Availability	Optional
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	152.8 (3881.2)
Overall Width (without Mirrors)	73.7 (1872.9)
Overall Height, Hard Top	70.9 (1800.1)
Wheelbase	95.4 (2424.1)
Track, Front	61.9 (1572.3)
Track, Rear	61.9 (1572.3)
Overhang, Front	26.7 (679.2)
Overhang, Rear	30.6 (777.9)
Maximum Payload (includes Occupants and Cargo)	1,000 lbs. (454 kg)
Fuel Tank Capacity	18.6 gallons

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 (inches)	9.1	9.6	10.3	10.6	10.5
Rear Axle to Ground (inches)	8.8	9.4	10.1	10.3	10.2

CURB WEIGHT

Wrangler X, Manual Transmission	3,760 lbs. (1403 kg)
Wrangler X, Automatic Transmission	3,785 lbs. (1413 kg)
Wrangler Sahara, Manual Transmission	3,951 lbs. (1475 kg)
Wrangler Sahara, Automatic Transmission	3,976 lbs. (1484 kg)
Wrangler Rubicon, Manual Transmission	4,104 lbs. (1532 kg)
Wrangler Rubicon, Automatic Transmission	4,129 lbs. (1541 kg)

ACCOMMODATIONS

Seating Capacity, F/R	2/2
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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—9.4 (239.5), Passenger—9.4 (239.5)
Front Volume Index, cubic ft. (cu. m)	54.6 (1.55)

Rear

Head Room	40.3 (1024.6)
Leg Room	35.6 (904.2)
Shoulder Room	61.6 (1565.9)
Hip Room	44.7 (1135.6)
Rear Seat Volume Index, cubic ft. (cu. m)	48.3 (1.367)
Cargo Lifter Height	27.8 (706.1)
Maximum Cargo Width at Swing Gate Opening	58.7 (1491.0)
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 (1135.4)
Cargo Volume cubic ft. (cu. m)	
Rear Seat Installed	56.5 cu. ft. (1.60)

Rear Seat Removed	61.2 cu. ft. (1.73)
Behind Rear Seat	17.15 cu. ft. (0.19)

BODY AND CHASSIS

Layout	Longitudinal front engine, four-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—Standard, Rubicon
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	16.7:1 overall
Turning Diameter (curb-to-curb)	34.9 ft. (10.62 m)
Steering Turns (lock-to-lock)	3.5

BRAKES

Availability	Standard—All
Power Assist Type	10 (254) single-diaphragm vacuum
Four-wheel Anti-lock Brake System (ABS) with On- and Off-road Calibrations	Standard
Electronic Stability Program (ESP)	Standard
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)	234.3 inches
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)	202.6 inches

WHEELS

Availability	X—Standard
Type and Material	Painted steel
Size	16 x 7.0

Availability	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 TWO-DOOR “X” 4WD LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21 **	1000	3760	2011	1749	2650	3400	4910	1000
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	1000	3760	2011	1749	2650	3400	5910	2000
3.8L V-6 gas (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	3.73	1000	3785	2032	1753	2650	3400	5935	2000

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

WRANGLER TWO-DOOR SAHARA 4WD LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21 **	1000	3951	2114	1837	2650	3400	5101	1000
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	1000	3951	2114	1837	2650	3400	6101	2000
3.8L V-6 gas (EGT)	A4	42RLE VLP 4-SPD AUTO (DGL)	3.73	1000	3976	2135	1841	2650	3400	6126	2000

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

WRANGLER TWO-DOOR “X” 4WD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21 **	1000	3801	2024	1777	2650	3,400	4951	1000
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.73	1000	3801	2024	1777	2650	3,400	5951	2000
3.8L V-6 gas (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	3.73	1000	3826	2045	1781	2650	3,400	5976	2000

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

2. ** AHT Trailer Tow Package not available with 3.21 axle ratio.

WRANGLER TWO-DOOR RUBICON 4WD-LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V-6 gas (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	1000	4104	2196	1908	2650	3400	6254	2000
3.8L V-6 gas (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	4.10	1000	4129	2217	1912	2650	3400	6279	2000

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

2. ** AHT Trailer Tow Package not available with 3.21 axle ratio.