

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.

## 2008 Jeep® Liberty

### FEATURE AVAILABILITY

	Sport	Limited Edition
<b>EXTERIOR</b>		
Colors		
Light Graystone, Bright Silver Metallic, Red Rock, Modern Blue, Brilliant Black, Inferno Red, Stone White, Jeep Green Metallic	O	O
Fascias—Body color, front and rear	S	S
Fender Flares—Body color	S	S
Fog Lamps—Halogen (included in Popular Equipment Group package)	P	S
Glass		
Liftgate, flipper	S	S
Rear door, quarter and liftgate window, solar control	S	—
Sunscreen, deep-tinted (included in Popular Equipment Group package)	P	S
Windshield, solar control	S	S
Grille		
Body color	S	—
Chrome	—	S
Headlamps—Halogen, round, with parade mode and delay off	S	S
Mirrors		
Dual, power, foldaway	S	—
Dual, power, heated, foldaway	—	S
Molding		
Bodyside, accent color	S	—
Bodyside, chrome	—	S
Rear window wiper/washer	S	S
Roof Rails—Side rails (cross bars available through Mopar®)		
Black (included in Popular Equipment Group package)	P	—
Bright	—	S
Sun Roof—Power tilt-and-slide with solar-tint glass and express-open feature	O	O
Sun Roof—Sky Slider™	O	O
Windshield Wipers—Rain-sensing variable-speed, intermittent	—	P
<b>INTERIOR</b>		
Assist Handles—Passenger-side instrument panel-mounted grab handle and assist handles for rear outboard seating positions	S	S
Cargo Area—Tie-down loops (four) recessed in floor	S	S
Cargo Load Floor—Reversible with four-inch deep waterproof tray	S	S

	Sport	Limited Edition
Carpeted Passenger and Cargo Floor	S	S
Climate Control		
Air conditioning, manual temperature control	S	S
Heater, with instrument-panel ventilation	S	S
Automatic Temperature Control with Cabin Air Filtration (packaged in Premium Group II)	—	P
Consoles		
Full-length center floor console with dual front cup holders, armrest and large storage bin with removable top tray, and CD/DVD provisions	S	S
HomeLink universal garage door opener	—	S
Cover—Cargo compartment (included in Popular Equipment Group package)	P	S
Defroster—Rear window, electric	S	S
Door Locks—Power	S	S
Floor Mats (included in Popular Equipment Group package)	P	S
Instrument Cluster—Tachometer, 120-mph speedometer, coolant temperature and fuel gauges with indicators for low fuel, seat belts, brake system/parking brake, check engine, high-beam lamps, air bag, low oil pressure, charging system and lamps, Electronic Vehicle Information Center (EVIC) with steering-wheel-mounted controls, ESP, Hill Descent Control (HDC) (ATX only)	S	S
Interior Colors		
Slate Gray/Pastel Slate Gray	O	O
Dark Pebble Beige/Pastel Pebble Beige	O	O
Interior Décor		
Satin silver shifter and center stack bezels	—	S
Interior Lighting		
Illuminated entry	S	S
Map/dome reading lamps	S	S
Second-row dome lamps incorporated into grab handles	S	S
Cargo compartment	S	S
Courtesy lamps	S	S
Mirror—Rearview		
Day/night	S	—
Auto-dimming	—	S
Mirror—Vision vanity		
Illuminated	S	S
Power Outlet, 12-volt in center stack	S	S
Seat Fabric		
Two-tone cloth	S	—
Two-tone premium cloth with YES <sup>®</sup> Essentials seat fabric	—	S
Leather-trimmed (packaged with Premium Group I)	—	P
Seats—Front		
Cloth low-back reclining front buckets	S	S
Premium leather low-back front buckets, includes color-keyed seat risers and	—	P

	Sport	Limited Edition
passenger-side vinyl seatback map pockets (included in Premium Group II package)		
Seats, Rear—60/40 split-folding rear bench	S	S
Seats—Power		
Six-way driver	—	S
Six-way driver and passenger (included in Premium Group I package)	—	P
Seats—Heated (included in Premium Group I package)	—	O/P
Sound Systems/Navigation/Communication		
AM/FM/MP3 stereo radio with CD player and auxiliary input jack	S	S
AM/FM/MP3 stereo radio with six-disc in-dash CD changer and auxiliary input jack (packaged in Premium Sound Group)	P	P
MyGIG™ Multimedia Infotainment System with 20G Hard Disc Drive (HDD) for MP3/WMA/JPEG storage, integrated AM/FM receiver, CD/DVD player, GPS Navigation with real-time traffic, voice-recognition system, voice memo, UConnect® Hands-free Communication System, USB port, auxiliary input jack, SIRIUS Satellite Radio and 6.5-inch color touch screen display	—	O
Four full-range speakers	S	—
Six full-range speakers (packaged in Popular Equipment Group on Sport)	P	—
Eight premium Infinity® speakers, with steering-wheel-mounted audio controls, subwoofer and 368-watt amplifier	—	S
UConnect Hands-free Communication System (packaged in Premium Sound Group)	—	P
Speed Control—Electronic with steering wheel-mounted controls (included with Popular Equipment Package)	P	S
Steering Column—Tilt	S	S
Steering Wheel		
Luxury Urethane	S	—
Leather-wrapped	—	S
Sun Visors		
Cloth, with pull-out sunshade	S	—
With illuminated vanity mirrors	S	S
Windows		
Windows—Power with driver and passenger one-touch down	S	—
Windows—Power with driver one-touch up and down, and passenger one-touch down		S

## POWERTRAIN AND CHASSIS

Engines		
3.7-liter V-6 engine	S	S
Transmissions		
Six-speed manual	S	—
Four-speed automatic	O	S
Axles		
Dana 30 front axle (4WD only)	S	S
Corporate 8.25 rear axle	S	S
Axle Ratio		

	Sport	Limited Edition
3.73:1 (included with 3.7-liter V-6 engine and automatic transmission)	O/P	S
3.21:1 (included with 3.7-liter V-6 engine and six-speed manual transmission)	O/P	—
<b>Brakes</b>		
Four-wheel Anti-lock Brake System (ABS)	S	S
Electronic Stability Program (ESP) with Electronic Roll Mitigation (ERM) and All-speed Traction Control	S	S
<b>Four-wheel-drive systems (4WD models only)</b>		
Command-Trac® NV253 two-speed part-time transfer case	S	S
Selec-Trac® II NV256 two-speed full-time transfer case	O	O
Skid Plates (4WD only)	P	P
Steering—Power, rack-and-pinion	S	S
<b>Suspension—Front</b>		
Independent front suspension with cast-iron lower and forged-steel upper control arms, coil springs, low-pressure gas-charged shock absorbers, jounce bumpers and stabilizer bar	S	S
<b>Suspension—Rear</b>		
Solid axle with five-link rear suspension (upper and lower trailing lower arms and track bar), coil springs, stabilizer bar and low-pressure gas-charged shock absorbers	S	S
<b>Tires<sup>(a)</sup></b>		
P225/75R16 Goodyear Wrangler ST vertical striated band, all-season	S	—
P225/75R16 Goodyear Wrangler ST outline white letter, all-season (packaged in Popular Equipment Group on Sport)	P	—
P235/70R16 Goodyear Wrangler SRA outline white-letter, all-terrain	O	—
P235/65R17 Goodyear Wrangler HP vertical striated band, all-season	—	S
P235/60R18 Goodyear Fortera HL vertical striated band, all-season	—	O
<b>Tires—Spare</b>		
Compact	S	—
Full-size with matching wheel	O	S
Tow Hooks—Two front; one rear (included in Skid Plate Group package)	P	P
<b>Wheels</b>		
16-inch Keystone aluminum wheels	S	—
17-inch Victory aluminum wheels	—	S
18-inch Echelon chrome-clad aluminum (included in Premium Group II package)	—	P
(a) Another tire size or brand may also be used.		

**SAFETY AND SECURITY**

Brake-shift Interlock (with automatic transmission)	S	S
<b>Door Locks</b>		
Child protection, rear	S	S
Enhanced accident response system	S	S
Remote Keyless Entry	S	S
<b>Restraint Systems</b>		

	Sport	Limited Edition
<b>Air bags</b>		
Advanced multi-stage driver and front-passenger <sup>(a)</sup> with Occupant Classification System (OCS)	S	S
Supplemental side-curtain <sup>(b)</sup>	S	S
<b>Seat belts</b>		
Front: Three-point, height-adjustable with traveling inboard buckles, constant-force retractors and driver's pretensioner	S	S
Rear: Three-point belts with LATCH (Lower Anchors and Tethers for CHildren)	S	S
BeltAlert	S	S
Security Alarm	—	S
Sentry Key <sup>®</sup> Engine Immobilizer	S	S
<b>Tire Pressure Monitoring (TPM)</b>		
Warning Light	S	—
Full display of individual tire pressure	—	S

(a) Certified to federal regulations that allow less forceful air bags. Always use seat belts.

Remember, a back seat is the safest place for children.

(b) Always sit properly in the seat with the seat belt fastened. Always observe the passenger air bag indicator lamp to determine if the OCS classification is appropriate. Children 12 and under should always be in a back seat correctly using an infant or child restraint system or the seat belt positioned correctly for the child's age and weight.

## EQUIPMENT GROUPS

Popular Equipment Group—Six stereo speakers, fold-flat passenger seat, 115v inverter, roof rails, luxury floor mats, fog lamps, compass/temp (in cluster), cargo shade, speed control, deep-tint glass, P225/75R16 Goodyear Wrangler ST OWL tires (Late Availability)	P	—
Premium Sound Group—Includes AM/FM/MP3 stereo radio with six-disc in-dash CD changer and auxiliary input jack. Sport models also gain six stereo speakers and SIRIUS Satellite Radio. Limited models gain the UConnect Hands-free Communication System	O	O
Premium Group I—Driver lumbar, auto headlamps, leather-trimmed heated seats, memory seat, radio and mirrors, power passenger seat and remote start	—	O
Premium Group II—Automatic temperature control, passenger cabin air filtration, rain-sensing windshield wipers, Park Sense Rear Park Assist System, 18-inch chrome clad aluminum wheels and content of Premium Group I	—	O
Trailer Tow Group—Class III—Class III receiver hitch, seven-pin wiring harness, seven-to four-pin wiring adapter, Trailer Sway Control and full-size spare (Sport Models only)	O	O

## 2008 Jeep® Liberty

# SPECIFICATIONS

All dimensions are in inches (millimeters) at curb weight and with standard wheels and tires unless otherwise noted.

### GENERAL INFORMATION

Body Style	Four-door sport-utility vehicle
Construction	Steel Uniframe
Assembly Plant	Toledo North Assembly Plant; Toledo, Ohio
EPA Vehicle Class	Multipurpose vehicle

### ENGINE: 3.7-LITER SOHC V-6

Availability	Standard
Type and Description	90° V-6, liquid-cooled with balance shaft
Displacement	225.8 cu. in. (3700 cu. cm)
Bore x Stroke	3.66 x 3.57 (93.0 x 90.8)
Valve System	Chain-driven, SOHC, 12 valves, with hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Cast-iron block, compacted graphite bedplate, aluminum alloy heads, balance shaft
Compression Ratio	9.7:1
Power (SAE net)	210 hp (157 kW) @ 5,200 rpm (56.8hp/L)
Torque (SAE net)	235 lb.-ft. (319 N•m) @ 4,000 rpm
Max. Engine Speed	6,000 rpm, electronically limited
Fuel Requirement	Regular unleaded, 87 octane (R+M)/2
Oil Capacity	5 qt. (4.7L)
Coolant Capacity	14 qt. (13.25L)
Emission Controls	Two mini-oxidation and one three-way catalytic converters; four heated oxygen sensors; EGR and internal engine features <sup>(a)</sup>
Max. Gross Trailer Weight	
Automatic with Trailer Tow Package	5,000 lbs. (2250 kg)
Manual Transmission	3,500 lbs. (1600 kg)
Estimated 2008 EPA Fuel Economy – mpg (City/Hwy)	
3.7L Gasoline Engine, Manual Transmission, 2WD	16/22
3.7L Gasoline Engine, Automatic Transmission, 2WD	16/22
3.7L Gasoline Engine, Manual Transmission, 4WD	16/22
3.7L Gasoline Engine, Automatic Transmission, 4WD	15/21

(a) Meets ULEV II emission standard in all 50 states.

**TRANSMISSION: NSG370—MANUAL, SIX-SPEED OVERDRIVE**

Availability	3.7-liter V-6 engine
Description	Six-speed, overdrive, synchronized in all forward gears and reverse, multi-rail shift system with top-mounted shift lever
Clutch	Hydraulic actuation, dual mass flywheel system
Gear Ratios	
1st	4.46
2nd	2.61
3rd	1.72
4th	1.25
5th	1.0
6th	0.84
Reverse	4.06
Axle	3.21
Overall Top Gear	2.69

**TRANSMISSION: 42RLE—AUTOMATIC, FOUR-SPEED OVERDRIVE**

Availability	Optional with 3.7-liter V-6 engine
Description	Adaptive electronic control and electronically modulated torque converter clutch
Gear Ratios	
1st	2.84
2nd	1.57
3rd	1.0
4th	0.69
Reverse	2.21
Axle	3.73
Overall Top Gear	2.57

**TRANSFER CASE: MP1522 COMMAND-TRAC®**

Availability	Standard on 4WD models
Type	Part-time, electronic shift
Operating Modes	2WD, 4WD Lock, 4WD Low, Neutral
Low Range Ratio	2.72:1
Center Differential Type	None

**TRANSFER CASE: MP3022 SELEC-TRAC® II**

Availability	Optional on 4WD models
Type	Full-time active, electronic shift
Operating Modes	2WD, 4WD Auto, 4WD Low, Neutral
Torque Split, F/R	42/58

Low Range Ratio	2.72:1
<b>AXLE RATIOS</b>	
3.7-liter V-6 Engine Auto	3.73:1
3.7-liter V-6 Engine Manual	3.21:1
<b>ELECTRICAL SYSTEM</b>	
Alternator	160-amp
Battery	600-amp, maintenance-free
<b>DIMENSIONS AND CAPACITIES<sup>(a)</sup></b>	
Wheelbase	106.1 (2694.4)
Track, Front	61.0 (1549.4)
Track, Rear	61.0 (1549.4)
Overall Length (NAFTA Vehicles)	176.9 (4492.9)
Overall Width	72.4 (1838.0)
Overall Height (with Roof Rack)	70.6 (1794.6)
Load Floor Height	32.8 (834.3)
Sill Step Height	19.8 (503.2)
Ground Clearances (4WD w/ P235/65R17 Tires)	
Chassis	9.5 (240.7)
Fuel Tank	10.2 (260.3)
Front Axle	7.4 (189.1)
Rear Axle	7.7 (196.0)
Approach Angle (with Air Dam)	27.6°
Breakover Angle	21.5°
Departure Angle	29.7°
Towing Capacities, lbs. (kg)	
All Models Equipped with Class II Type Hitch	2,000 (907)
3.7L Engine Manual Transmission w/Trailer Tow Pkg (Class III)	3,500 (1,588)
3.7L Engine Automatic Transmission w/Trailer Tow Pkg. (Class III)	5,000 (2,268)
Curb Weight, lbs. (kg)	
3.7-liter 2WD	4,030 (1,827)
3.7-liter 4WD	4,222 (1,915)
Maximum Payload (includes Occupants and Cargo), 16-inch Tires Only, lbs. (kg)	950 (431 kg)
Maximum Payload (includes Occupants and Cargo), lbs. (kg)	1,150 (522 kg)
Weight Distribution, 4x4, F/R	44/56
Frontal Area	30.21



Aero Cd <sup>A</sup>	12.21
Aero Cd	0.403
Fuel Tank Capacity	19.5 gal. (73.8L)
(a) All dimensions measured with two passengers.	

### ACCOMMODATIONS

Seating Capacity—F/R	2/3
Front	
Head Room without Sun Roof	40.4 (1025.1)
Head Room with Sun Roof	38.5 (976.8)
Leg Room	40.8 (1036.4)
Shoulder Room	56.8 (1443.0)
Hip Room	52.7 (1338.1)
Seat Travel	9.0 (229.1)
Recliner Range	6.6° to 51.6°
SAE Volume (Standard Roof)	54.00 cu. ft.
Rear	
Head Room	40.3 (1023.0)
Leg Room	38.8 (984.5)
Knee Clearance	1.3 (34.1)
Shoulder Room	56.6 (1436.4)
Hip Room	48.4 (1229.0)
Recliner Range	21.5° to 33.5°
Cargo Access	
Liftover Height	33.3 (844.8)
Maximum Cargo Width at Liftgate Opening	44.2 (1122.9)
Minimum Cargo Width at Liftgate Opening	47.0 (1194.2)
Maximum Cargo Height Liftgate Opening	35.3 (895.7)
Minimum Cargo Height at Liftgate Opening	34.4 (873.5)
Distance Between Wheelhouse Interior Trim	41.7 (1059.1)
SAE Cargo Volume	
Behind Rear Seat	31.2 cu. ft. (0.9 cu. m)
Behind Front-row Seats with Rear Seats Folded	64.6 cu. ft. (1.8 cu. m)

### BODY AND CHASSIS

Layout	Longitudinal front engine, rear-wheel drive or four-wheel drive
Construction	Steel Uniframe

**SUSPENSION**

Front	Upper and lower "A" arms, coil springs, low-pressure gas-charged shock absorbers, stabilizer bar
Rear	Live axle, upper and lower trailing arms, track bar, coil springs, low-pressure gas-charged shock absorbers and stabilizer bar

**STEERING**

Type	Power rack-and-pinion
Overall Ratio	17.36:1
Turning Diameter (Curb-to-curb)	35.5 ft. (10.83 m)
Steering Turns (Lock-to-lock)	3.42

**BRAKES**

Standard—All	
Front	
Size and Type	11.9 x 1.1 (302 x 28) vented rotor with 2.6 (66) single-piston floating caliper
Swept Area	55.1 sq. in. (355.3 sq. cm)
Rear	
Size and Type	12.44 x 0.47 (316 x 12) solid rotor with 1.9 (48) single-piston floating caliper
Swept Area	51.8 sq. in. (334.5 sq. cm)
Power-assist Type	8 x 9 (204 x 230) Tandem diaphragm, vacuum assist
Four-wheel Anti-lock Brake System (ABS)	Standard—all
Electronic Stability Program (ESP)	Standard—all
Parking Brake Type	Rear brake drum-in-hat

**TIRES<sup>(a)</sup>**

Standard—Sport	
Size and Type	P225/75R16 all-season, black sidewall
Mfr. and Model	Goodyear Wrangler ST
Revs per Mile (km)	715 (1151)
Standard—Limited	
Size and Type	P235/65R17 all-season, black sidewall
Mfr. and Model	Goodyear Wrangler HP
Revs per Mile (km)	721 (1160)
Available—Sport	
Size and Type	P235/70R16 all-season, all-terrain outline white letter
Mfr. and Model	Goodyear Wrangler SRA

Revs per Mile	721 (1160)
Available—Limited	
Size and Type	P235/60R18 all-season, black sidewall
Mfr. and Model	Goodyear Fortera HL
Revs per Mile	722 (1160)
Compact Spare Tire	Standard Sport
Full-size Spare Tire w/ Matching Wheel	Standard Limited, Available Sport

**WHEELS<sup>(b)</sup>**

Standard—Sport	
Type and Material	Machined and painted cast aluminum
Size	16 in. x 7 in.
Standard—Limited	
Type and Material	Machined and painted cast aluminum
Size	17 in. x 7 in.
Available—Limited	
Type and Material	Chrome Clad cast aluminum
Size	18 in. x 7 in.

(a) Also see "Tires" under Feature Availability.

(b) Also see "Wheels" under Feature Availability.