

**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.

## 2007 Jeep® Liberty FEATURE AVAILABILITY

	Sport	Limited Edition
<b>EXTERIOR</b>		
Colors		
Light Khaki Metallic, Bright Silver Metallic, Midnight Blue, Black Clear Coat, Inferno Red, Stone White, Jeep Green Metallic	O	O
Fascias—Front and rear		
Gray _____	S	—
Body color _____	—	S
Fender Flares		
Gray _____	S	—
Body color _____	—	S
Fog Lamps—Halogen (included in Sport C package) _____	P	S
Glass		
Swing gate, flipper _____	S	S
Rear door, quarter and swing gate window, tinted _____	S	S
Sunscreen, deep tinted (included in Sport C package) _____	P	S
Windshield, tinted _____	S	S
Grille		
Body color _____	S	—
Bright _____	—	S
Headlamps—Halogen, round, with parade mode and delay off _____	S	S
Mirrors		
Dual, power, foldaway _____	S	S
Dual, power, heated, foldaway (included in Limited G Package) _____	—	P
Molding		
Bodyside, accent color _____	S	—
Bodyside, chrome _____	—	S
Rear window wiper/washer _____	S	S
Roof Rails—Side rails (cross bars available through Mopar)		
Black _____	S	—
Bright _____	—	S
Spare Tire Carrier—Outside _____	S	S
Spare Tire Cover _____	—	S
Sun Roof—Power tilt-and-slide with solar-tint glass and express-open feature _____	O	O
Windshield Wipers—Variable speed intermittent _____	S	S

Legend: S = Standard O = Optional P = Available within package or group noted in parentheses  
O/P = Item is a free-standing option and also included in a package or group; — means Not available

## INTERIOR

Assist Handles—Passenger-side instrument panel-mounted grab handle and assist handles for front and rear outboard seating positions _____	S	S
Cargo Area—Tie-down loops (four) recessed in floor _____	S	S
Cargo Trim Panel with storage net (included in Sport C package) _____	S	S
Carpeted passenger and cargo floor _____	S	S
Climate Control		
Air conditioning, manual temperature control _____	S	S
Heater, with instrument panel ventilation _____	S	S
Consoles		
Full-length center floor console with removable dual front cup holders, padded armrest and large storage bin with CD/cassette provisions _____	S	S
Mini overhead console with HomeLink universal garage door opener, traveler/mini-trip computer, Electronic Vehicle Information Center (EVIC) (included in Limited G package) _____	O	P
Cover—Cargo compartment (included in P1) _____	P	S
Defroster—Rear window, electric _____	S	S
Door Locks—Power _____	S	S
Door Trim Panels _____	S	S
Vinyl _____	S	—
Premium _____	—	S
Luxury (included in Luxury Group and Limited G package) _____	—	P
Floor Mats _____	S	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 _____	S	S
Interior Colors		
Medium Slate Gray _____	O	O
Khaki _____	O	O
Slate Gray/Light Slate Gray (leather only) _____	—	O
Khaki/Light Graystone (leather only) _____	—	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 lamp _____	S	S
Cargo compartment _____	S	S
Courtesy lamps _____	S	S
Mirror—Rearview		
Day/night _____	S	S
Auto-dimming (included in Limited G package) _____	—	P
Mirror—Vision vanity		
Illuminated _____	S	S
Power Outlets		
12-volt in center stack _____	S	S
12-volt in rear cargo area _____	S	S
Seat Fabric		
Freedom/Albi cloth _____	S	—
Addison/Albi cloth _____	—	S
Royale leather/Caprice vinyl _____	—	O
Seats—Front		
Cloth high-back reclining front buckets _____	S	—
Cloth low-back reclining front buckets _____	—	S

Premium leather low-back front buckets, includes color-keyed seat risers and passenger-side vinyl seatback map pockets (included in Limited G Package)	—	P
Seats, Rear—65/35 split-folding rear bench	S	S
Seats—Power		
Six-way driver	—	S
Six-way driver and passenger (requires G CPOS)	—	P
Seats—Heated (requires G CPOS)	—	O
Sound Systems/Navigation/Communication		
AM/FM stereo radio with CD player	S	S
AM/FM stereo radio with six-disc in-dash CD changer (standard on G)	O	P
AM/FM stereo radio with GPS Navigation and remote six-disc CD changer (not available with UConnect® Hands-free Communication System or SIRIUS Satellite Radio)	—	O
Six full-range speakers	S	S
Six premium Infinity speakers, with steering wheel-mounted audio controls (included in Limited G package)	O	P
SIRIUS Satellite Radio (not available with UConnect® Hands-free Communication System or navigation radio)	O	O
UConnect® Hands-free Communication System (not available with SIRIUS Satellite Radio or navigation radio)	—	O
Speed Control—Electronic with steering wheel-mounted controls (included with leather-wrapped steering wheel)	P	S
Steering Column—Tilt	S	S
Steering Wheel		
Luxury vinyl-wrapped	S	—
Leather-wrapped (included in Sport C package)	P	S
Sun Visors		
Cloth, with pull-out sunshade	S	—
With illuminated vanity mirrors (included in Convenience Group)	S	S
Windows—Power with driver and passenger one-touch down	S	S
<b>POWERTRAIN AND CHASSIS</b>		
Engines		
3.7-liter V-6 engine	S	S
Transmissions		
Six-speed manual	S	—
Four-speed automatic	O/P	S
Axles		
Dana 30 front axle (4WD only)	S	S
Corporate 8.25 rear axle	S	S
Axle Ratio		
3.73:1 (included with 3.7-liter V-6 engine and automatic transmission)	O/P	S
3.55:1 (included with 3.7-liter V-6 engine and six-speed manual transmission)	O/P	—
Brakes		
Four-wheel anti-lock brake system (ABS)	S	S
Electronic Stability Program (ESP) with Electronic Roll Mitigation and All-speed Traction Control	S	S
Four-wheel drive systems (4WD models only)		
Command-Trac® NV231 two-speed part-time transfer case	S	S
Selec-Trac® NV242 two-speed full-time transfer case (included in Limited G package)	O	O/P
Skid Plates (4WD only); (included in Off-road Group)	P	P
Steering—Power, rack and pinion	S	S
Suspension—Front		
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
Suspension—Rear		

Solid axle rear with two trailing lower arms, A-shaped upper arm, coil springs, stabilizer bar and low-pressure gas-charged shock absorbers _____	S	S
<b>Tires(a)</b>		
P225/75R16 Goodyear outline white-letter, all-season _____	S	P
P235/70R16 Goodyear outline white-letter, all-terrain _____	P	—
P235/65R17 Goodyear black sidewall, all-season _____	—	S
<b>Tires—Spare</b>		
Full-size with matching wheel _____	S	S
Tow Hooks—Two front; one rear (included in P2) _____	P	P
<b>Wheels</b>		
16" x 7" Full-faced steel _____	S	—
17" x 7.5" Dakar painted sparkle silver cast-aluminum _____	—	S
16" x 7" Mechanica painted sparkle silver cast-aluminum (included in Sport C package) _____	P	—
17" x 7" Oasis chrome-clad aluminum _____	—	O

(a) Another tire size or brand may also be used.

	Sport	Limited Edition
<b>SAFETY AND SECURITY</b>		
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>		
<b>Air bags</b>		
Advanced multi-stage driver and front-passenger(a) with Occupant Classification System (OCS) _____	S	S
Supplemental side-curtain(b) _____	O	O
<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 Lower Anchors and Tethers for Children (LATCH) anchor system _____	S	S
BeltAlert System _____	S	S
Security Alarm (included in P1) _____	P	S
Sentry Key® Engine Immobilizer _____	S	S
Tire Pressure Monitoring _____	O	O

(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.

	Sport	Limited Edition
<b>PACKAGES</b>		
P1 – Security Group—Security alarm and cargo compartment cover _____	O	S
P2 – Skid Plate Group—Tow hooks, plate shields for fuel tank, transfer case, front suspension and transmission (4WD only) _____	P	O
P3 – Smoker's Group—Removable ashtray and cigar lighter _____	O	O
P4 – Trailer Tow Group—Heavy-duty engine cooling, power steering cooler, Class III receiver hitch, seven-pin wiring harness, seven- to four-pin wiring adapter _____	O	O

# SPECIFICATIONS

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

## GENERAL INFORMATION

Body Style \_\_\_\_\_ Four-door sport-utility vehicle  
Assembly Plant \_\_\_\_\_ Toledo, Ohio  
EPA Vehicle Class \_\_\_\_\_ Multipurpose vehicle

## LIBERTY 2WD JOB RATINGS

3.7-Liter V-6 Engine

Transmission

NSG370, Six-speed manual

Axle Ratio (lbs.) \_\_\_\_\_ 3.55  
GVWR (lbs.) \_\_\_\_\_ 5,350  
GCWR (lbs.) \_\_\_\_\_ 8,500  
GAWR Front/Rear (lbs.) \_\_\_\_\_ 2,750/3,150  
Curb Weight, est.(a) (lbs.) \_\_\_\_\_ 3,846  
Max. Tongue Weight(b) (lbs.) \_\_\_\_\_ 525  
Max. Trailer Weight(b) (lbs.) \_\_\_\_\_ 3,500  
Max. Payload(c) (lbs.) \_\_\_\_\_ 1,150  
Max. Cargo(d) (lbs.) \_\_\_\_\_ 400

3.7-Liter V-6 Engine

Transmission

42RLE, Four-speed auto

Axle Ratio (lbs.) \_\_\_\_\_ 3.73  
GVWR (lbs.) \_\_\_\_\_ 5,350  
GCWR (lbs.) \_\_\_\_\_ 9,850(b)  
42RLE \_\_\_\_\_ 7150  
GAWR Front/Rear (lbs.) \_\_\_\_\_ 2,750/3,150  
Curb Weight, est.(a) (lbs.) \_\_\_\_\_ 3,898  
Max. Tongue Weight(b) (lbs.) \_\_\_\_\_ 750  
Max. Trailer Weight(b) (lbs.) \_\_\_\_\_ 5,000  
Max. Payload(c) (lbs.) \_\_\_\_\_ 1,150  
Max. Cargo(d) (lbs.) \_\_\_\_\_ 400

(a) Curb weight is for a base model with standard equipment.

(b) With Trailer Tow Group.

(c) Payload is the maximum allowable weight of driver, passenger and cargo rounded to the nearest ten pounds. It is reduced by the weight of optional equipment. Five passengers at 150 lbs. each.

(d) Cargo is determined by subtracting the weight of driver and passengers from payload.

## LIBERTY 4WD JOB RATINGS

3.7-Liter SOHC V-6 Engine

Transmission

NSG370, Six-speed manual

Axle Ratio (lbs.) \_\_\_\_\_ 3.55  
GVWR (lbs.) \_\_\_\_\_ 5,600  
GCWR (lbs.) \_\_\_\_\_ 8,750  
GAWR Front/Rear (lbs.) \_\_\_\_\_ 2,750/3,150  
Curb Weight, est.(a) (lbs.) \_\_\_\_\_ 4,044  
Max. Tongue Weight(b) (lbs.) \_\_\_\_\_ 525  
Max. Trailer Weight(b) (lbs.) \_\_\_\_\_ 3,500  
Max. Payload(c) (lbs.) \_\_\_\_\_ 1,150  
Max. Cargo(d) (lbs.) \_\_\_\_\_ 400

3.7-Liter SOHC V-6 Engine

Transmission

42RLE, Four-speed automatic

Axle Ratio (lbs.) \_\_\_\_\_ 3.73  
GVWR (lbs.) \_\_\_\_\_ 5,600  
GCWR (lbs.) \_\_\_\_\_ 10,100(b)

42RLE	7,400
GAWR Front/Rear (lbs.)	2,750/3,150
Curb Weight, est.(a) (lbs.)	4,115
Max. Tongue Weight(b) (lbs.)	750
Max. Trailer Weight(b) (lbs.)	5,000
Max. Payload(c) (lbs.)	1,150
Max. Cargo(d) (lbs.)	400

(a) Curb weight is for a base model with standard equipment.

(b) With Trailer Tow Group.

(c) Payload is the maximum allowable weight of driver, passenger and cargo rounded to the nearest ten pounds. It is reduced by the weight of optional equipment. Five passengers at 150 lbs. each.

(d) Cargo is determined by subtracting the weight of driver and passengers from payload.

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

Availability	Standard—Sport, and Limited Edition
Type and Description	Six-cylinder, 90° V, liquid-cooled
Displacement	225 cu. in. (3701 cu. cm)
Bore x Stroke	3.66 x 3.57 (93 x 91)
Valve System	Chain drive, SOHC, 12 valves, roller followers with hydraulic lash adjustment
Fuel Injection	Multi-point fuel injection with returnless fuel rail
Construction	Cast-iron block, compacted graphite bedplate, aluminum cylinder head
Compression Ratio	9.1:1
Power (SAE net)	210 hp (157 kW) @ 5,200 rpm
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. (13L)
Emission Controls	Catalytic converters, oxygen sensors, on-board vapor recovery system, leak detection pump system(a)
Max. Gross Trailer Weight (lbs.)	Automatic with trailer tow package 5,000 lbs. (2250 kg) Manual transmission 3,500 lbs. (1600 kg)
Estimated EPA Fuel Economy mpg (city/hwy)	Automatic 17/22, Manual 18/22
(a) Meets Federal Interim Tier 2 B in 9A standards and is a California ULEV I under California Cleanest Vehicle Rules in CA, NY, MA, ME and VT.	

#### TRANSMISSION: NSG370—MANUAL, SIX-SPEED

Availability	3.7-liter V-6 engine
Description	Six-speed, overdrive, synchronized in all forward gears and reverse, single-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
6th	0.84
Reverse	4.06

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

Availability	3.7-liter V-6 engine
Description	Two planetary gear sets, full electronic control, overdrive lockout, electronically modulated converter clutch
Gear Ratios	
1st	2.84
2nd	1.57
3rd	1
4th	0.69

Reverse \_\_\_\_\_ 2.21

#### TRANSFER CASE: NV241 / NV231 COMMAND-TRAC

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

#### TRANSFER CASE: NV242 SELEC-TRAC

Type \_\_\_\_\_ Full-time  
Operating Modes \_\_\_\_\_ 2WD; 4WD High part-time; 4WD full-time; Neutral; 4WD Low  
Low Range Ratio \_\_\_\_\_ 2.72  
Center Differential Type \_\_\_\_\_ Dual sun differential with high-range and low-range lock capability

#### AXLE RATIOS

3.7-liter V-6 engine Auto \_\_\_\_\_ 3.73  
3.7-liter V-6 engine Manual \_\_\_\_\_ 3.55

#### ELECTRICAL SYSTEM

Alternator \_\_\_\_\_ 136-amp, Sport and Limited Edition  
Battery \_\_\_\_\_ 600-amp

#### DIMENSIONS AND CAPACITIES(a)

Wheelbase \_\_\_\_\_ 2WD—104.3 (2649); 4WD—104.3 (2649)  
Track, Front \_\_\_\_\_ 2WD—60.0 (1524); 4WD—60.0 (1524)  
Track, Rear \_\_\_\_\_ 2WD—59.7 (1516); 4WD—59.7 (1516)  
Overall Length (to spare tire) \_\_\_\_\_ 2WD—174.4 (4430); 4WD—174.4 (4430)  
Overall Width \_\_\_\_\_ 2WD—71.6 (1819); 4WD—71.6 (1819)  
Overall Height \_\_\_\_\_ 2WD—70.3 (1784.7); 4WD—70.2 (1784.1)  
Overall Height (to roof rack) \_\_\_\_\_ 2WD—71.9 (1822.9); 4WD—71.1 (1822.2)  
Ground Clearance  
    Front axle (to skid plate) \_\_\_\_\_ 2WD—N/A; 4WD—6.4 (162.8)  
    Rear axle \_\_\_\_\_ 2WD—8.0 (201); 4WD—7.9 (200.4)  
    Running \_\_\_\_\_ 2WD—9.5 (240.6); 4WD—9.4 (239.3)  
Approach Angle, degrees \_\_\_\_\_ 2WD—36.2; 4WD—36  
Departure Angle, degrees \_\_\_\_\_ 2WD—31.5; 4WD—31.5  
Curb Weight  
    3.7-liter with Manual \_\_\_\_\_ 2WD—3846 (1745); 4WD—4011 (1819)  
    3.7-liter with Automatic \_\_\_\_\_ 2WD—3898 (1768); 4WD—4033 (1829)  
Payload—includes occupants and cargo(b) \_\_\_\_\_ 1150 (522)  
Weight Distribution, F/R(b) \_\_\_\_\_ 53/47  
Frontal Area \_\_\_\_\_ 29.74 sq. ft. (2.76 sq. m)  
Drag Coefficient \_\_\_\_\_ 0.421  
Aero Cd<sup>A</sup> \_\_\_\_\_ 12.39  
Aero Cd \_\_\_\_\_ 0.417

Fuel Tank Capacity \_\_\_\_\_ 20.5 gal. (74L)

#### Cargo Volume

Rear seat up \_\_\_\_\_ 29.0 cu. ft. (.821 cu. m)  
Rear seat folded down \_\_\_\_\_ 69.0 cu. ft. (1.95 cu. m)

(a) All dimensions measured with two passengers.

#### ACCOMMODATIONS

Seating Capacity—F/R \_\_\_\_\_ 2/3

#### Front

Head room \_\_\_\_\_ 40.7 (1034)  
Leg room \_\_\_\_\_ 40.8 (1036)  
Shoulder room \_\_\_\_\_ 56.5 (1435)  
Hip room \_\_\_\_\_ 57.0 (1448)  
Seat travel \_\_\_\_\_ 8.5 (216) horizontal, 1.5 (38) vertical with optional power height adjuster  
Recliner range (degrees) \_\_\_\_\_ 53

SAE volume \_\_\_\_\_ 54.4 cu. ft. (1.54 cu. m)  
Rear  
Head room \_\_\_\_\_ 42.1 (1069)  
Leg room \_\_\_\_\_ 37.2 (945)  
Knee clearance \_\_\_\_\_ 1.4 (36)  
Shoulder room \_\_\_\_\_ 56.5 (1435)  
Hip room \_\_\_\_\_ 47.4 (1204)  
SAE volume \_\_\_\_\_ 49.3 cu. ft. (1.4 cu. m)  
Load capacity \_\_\_\_\_ 400 lbs. (181 kg)

Cargo  
Liftover Height \_\_\_\_\_ 30.1 (765.6)  
Minimum cargo width at liftgate opening \_\_\_\_\_ 43.0 (1093.0)  
Minimum cargo height at liftgate opening \_\_\_\_\_ 33.5 (852.0)  
Maximum cargo height liftgate opening \_\_\_\_\_ 37.8 (959.0)  
Maximum cargo width at liftgate opening \_\_\_\_\_ 45.0 (1144.0)  
Distance between wheelhouse interior trim \_\_\_\_\_ 42.6 (1081.0)

Cargo Volume, cu. ft. (cu. m)  
Rear seat up \_\_\_\_\_ 31.0 (0.88)  
Rear seat folded \_\_\_\_\_ 69.0 (1.95)

## **BODY AND CHASSIS**

Layout \_\_\_\_\_ Longitudinal front engine, rear-wheel drive or four-wheel drive, part-time or full-time  
Construction \_\_\_\_\_ Uniframe

## **SUSPENSION**

Front \_\_\_\_\_ Upper and lower "A" arms, coil springs, gas-charged shock absorbers, stabilizer bar  
Rear \_\_\_\_\_ Live axle, trailing upper "A" arm, dual trailing lower arms, coil springs,  
gas-charged shock absorbers and stabilizer bar

## **STEERING**

Type \_\_\_\_\_ Power rack and pinion  
Overall Ratio \_\_\_\_\_ 18.2:1  
Turning Diameter (curb-to-curb) \_\_\_\_\_ 35.9 ft. (12 m)  
Steering Turns (lock-to-lock) \_\_\_\_\_ 3.6

(a) All dimensions measured with two passengers.

(b) 3.7-liter with automatic transmission

## **TIRES(a)**

Standard—Sport  
Size and type \_\_\_\_\_ P225/75R16 all-season  
Mfr. and model \_\_\_\_\_ Goodyear Wrangler ST  
Revs per mile \_\_\_\_\_ 732

Optional—Sport  
Size and type \_\_\_\_\_ P235/70R16 all-terrain  
Mfr. and model \_\_\_\_\_ Goodyear Wrangler SR-A  
Revs per mile \_\_\_\_\_ 715

Standard—Limited  
Size and type \_\_\_\_\_ P235/65R17 all-season  
Mfr. and model \_\_\_\_\_ Goodyear Wrangler HP  
Revs per mile \_\_\_\_\_ 723

## **WHEELS(b)**

Standard—Sport  
Type and material \_\_\_\_\_ Stamped-steel  
Size \_\_\_\_\_ 16" x 7"

Optional—Sport  
Type and material \_\_\_\_\_ Cast-aluminum  
Size \_\_\_\_\_ 16" x 7"



Standard—Limited

Type and material \_\_\_\_\_ Cast-aluminum  
Size \_\_\_\_\_ 17" x 7.5"

Optional— Limited

Type and material \_\_\_\_\_ Chrome Clad  
Size \_\_\_\_\_ 17" x 7"

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

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

## **BRAKES**

Standard—All

Front

Size and type \_\_\_\_\_ 11.3 x 1.1 (288 x 28) vented disc with 2.6 (66) single-piston caliper  
Swept area \_\_\_\_\_ 228 sq. in. (1471 sq. cm)

Rear

Size and type \_\_\_\_\_ 11.2 x 0.47 (284 x 12) solid disc with 1.89 (48) single-piston caliper  
Swept area \_\_\_\_\_ 109 sq. in. (703 sq. cm)

Power-assist Type \_\_\_\_\_ Tandem diaphragm, vacuum assist

ABS (optional and packaged with ESP)

Type \_\_\_\_\_ Three-channel ABS: Features Electronically Variable Brake Proportioning, 4WD Low