

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

2007 Jeep® Patriot SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ 5-Door Sport Utility
Assembly Plant _____ Belvidere, Illinois
EPA Vehicle Class _____ Compact SUV
Introduction Date _____ Fall, 2006

Engine: 2.4-Liter DOHC 16-Valve I4 with VVT

Availability _____ Standard
Type and Description _____ Four cylinders in line, tuned intake manifold with
Electronic Active Charge Motion Control valves
dual counter-rotating balance shafts
Displacement _____ 144 cu. in. (2360 cu. cm)
Bore x Stroke _____ 3.46 x 3.82 (88 x 97)
Valve System _____ Chain-driven DOHC, 16 valves,
electronically controlled dual Variable Valve Timing,
direct-acting shimless mechanical bucket tappets
Fuel Injection _____ Sequential, multi-port, electronic, returnless
Construction _____ High-pressure die-cast aluminum
block with dry iron liners, cast-aluminum cylinder head,
cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio _____ 10.5:1
Power (SAE net, estimated) _____ 172 bhp (129 kW) @ 6,000 rpm (72 bhp/liter)
Torque (SAE net, estimated) _____ 165 lb.-ft. (222 N•m) @ 4,400 rpm
Max. Engine Speed _____ 6,500 rpm (electronically limited)
Fuel Requirement _____ Unleaded regular, 87 octane (R+M)/2
Oil Capacity _____ 5.0 qt. (4.7L) SAE 5W/20
Coolant Capacity _____ 7.2 qt. (6.8L)
Emission Controls _____ Single catalytic converter, FWD,
Dual catalytic converter, 4WD,
Dual heated oxygen sensors and engine features
Smog-forming Pollution _____ 0.9 g/mile (0.56 g/km)(a)
Max. Gross Trailer Weight _____ 1,000 lbs. (450 kg)/2,000 lbs. (900 kg) with P7
Estimated Fuel Economy MPG City/Hwy _____ 25/29 – 4WD with five-speed manual transaxle
23/26 – 4WD with CVT2

(a) – NMOG + NOX emission limits under ULEV II and Tier 2, Bin 5 emission requirements

Transaxle: Manual, Magna Driveline T355 Five-speed

Availability _____ Standard
Description _____ Five-speed, overdrive,
synchronized in all forward ratios, cable-operated, three-plane shifter
Gear Ratios
1st _____ 3.77
2nd _____ 2.16
3rd _____ 1.41
4th _____ 1.026
5th _____ 0.81
Reverse _____ 3.417
Final Drive Ratio _____ 4.12
Overall Top Gear _____ 3.34

Transaxle: Automatic, Jatco Model CVT2

Availability	Optional
Description	Continuously variable ratio, lock-up torque converter, electronic controls

Gear Ratios	
Forward _____	2.349:1 to 0.394:1 continuously variable
Reverse _____	1.762:1
Final Drive Ratio _____	6.12:1
Overall Top Gear Ratio _____	2.411

Transaxle: Automatic, Jatco Model CVT2L

Availability	Optional on Patriot 4WD
Description	Continuously variable ratio, lock-up torque converter, electronic controls

Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.762:1
Final Drive Ratio	8.135:1
Overall Top Gear Ratio	3.21:1
Effective Maximum Low Gear Ratio	19.1:1

DRIVETRAIN

Front-wheel Drive
Availability _____ Standard
Front Differential _____ Open

Four-wheel Drive (*Freedom Drive I*) _____ Optional
 Availability _____
 Type _____ Electronically Controlled Coupling (ECC) w/Four-wheel-drive Lock
 Rear Differential _____ Open

Four-wheel Drive (P3)
Availability _____ Optional August 2006
Type _____ Electronically Controlled Coupling (ECC) w/Off-Road Four-wheel-drive Lock
Rear Differential _____ Open

ELECTRICAL SYSTEM

Alternator _____ 120-amp
Battery _____ 525 CCA, Maintenance-free

DIMENSIONS AND CAPACITIES (a)

Wheelbase	103.7 (2635)
Track, Front	59.8 (1520)
Track, Rear	59.8 (1520)
Overall Length	173.6 (4410.5)
Overall Width	69.1 (1755.8)
Overall Height	64.4 (1636.6)
Overall Height with Roof Rack Side Rails and P215/65/R17 Tire	65.6 (1665.8)
Overhang, Front	34.8 (882.9)
Overhang, Rear	35.1 (892.6)
Approach Angle with P215/60/R17 Tire	27.4 degrees
Breakover Angle with P215/60/R17 Tire	20.3 degrees
Departure Angle with P215/60/R17 Tire	31.4 degrees
Ground Clearance with P215/60/R17 Tire	8.1 (206.7)
Approach Angle with Off-road Package including P215/65/R17 Tire	29 degrees
Breakover Angle with Off-road Package P215/65/R17 Tire	23 degrees
Departure Angle with Off-road Package P215/65/R17 Tire	33 degrees
Ground Clearance with Off-road Package P215/65/R17 Tire	9.0 (215.0)
Aero (CdA)	10.5 2WD 10.9 4WD

Curb Weight, lb. (kg)—Est _____ Sport 2WD 3108;
Sport 4WD 3251;
Limited 2WD 3168;
Limited 4WD 3326
Weight Distribution, percent F/R _____ 57/43 2WD, 56/44 4WD
Fuel Tank Capacity, gal. (L) _____ 13.6 (51.5)—2WD, 13.5 (51.1)—4WD
(a) Dimensions use standard wheel and tire unless otherwise noted

ACCOMMODATIONS

Seating Capacity, F/R _____ 2/3
Front

Head Room without Sunroof _____ 41.0 (1040.3)
Leg Room _____ 40.6 (1032.1)
Shoulder Room _____ 54.6 (1387.0)
Hip Room _____ 52.3 (1328.8)
Seat Travel _____ Driver—10.2 (260)
Passenger—10.2 (260)
Recliner Angle Range, degrees _____ Driver—up to 88
Passenger—(76 fold flat/88 non-fold flat)

SAE Front Seat Volume Index, cu. ft. (cu. m) _____ 52.6 (1.489)

Rear

Head Room _____ 39.3 (998.2)
Leg Room _____ 39.4 (999.7)
Knee Clearance _____ 1.7 (44.1)
Shoulder Room _____ 54.0 (1371.9)
Hip Room _____ 51.0 (1294.5)
SAE Rear Seat Volume Index, cu. ft. (cu. m) _____ 49.1 (1.391)

SAE Interior Volume, cu. ft. (cu. m) _____ 101.7 (2.880)

Cargo Volume Indexes

Rear Seats Up, cu. ft. (cu. m) _____ 23.0 (0.652)
Rear Seats Folded, cu. ft. (cu. m) _____ 54.2 (1.535)

EPA Interior Volume Index, cu. ft. (cu. m) _____ 124.7 (3.532)

Liftover Height _____ 30.5 (773.8)

Cargo Volume w/ Front Passenger Seat & Rear Seat Folded, cu. ft. (cu. m) _____ 62.7 (1.719)

Minimum Cargo Width at Liftgate Opening _____ 38.9 (959)

Minimum Cargo Height at Liftgate Opening _____ 25.9 (656)

Maximum Cargo Width at Liftgate Opening _____ 45.1 (1150)

Maximum Cargo Height at Liftgate Opening _____ 27.4 (681)

Distance between Wheelhouse Interior Trim _____ 38.0 (966)

BODY AND CHASSIS

Layout _____ Transverse front-engine, front-wheel drive or four-wheel drive

Construction _____ Unitized steel body

SUSPENSION

Front _____ Independent MacPherson strut,
coil spring over gas-charged shock absorbers
and stabilizer bar—Std.

Rear _____ Multi-link independent with coil springs,
link-type stabilizer bar, gas-charged shock absorbers—Std.

STEERING

Type _____ Rack-and-pinion with hydraulic power assist

Overall Ratio _____ 16.4:1

Turning Diameter (curb-to-curb) _____ 16 and 17-in. wheels and tires—35.6 ft. (10.8 m)

Steering Turns (lock-to-lock) _____ 16 and 17-in. wheels and tires—2.88

WHEELS

Availability _____ Standard Sport

Type and Material _____ Machine-faced Aluminum
Size _____ 16 x 6.5
Availability _____ Optional Sport
Type and Material _____ Machine-faced Aluminum
Size _____ 17 x 6.5

TIRES

Availability _____ Standard Sport
Size and Type _____ P205/70R16 BSW AS Touring
Manufacturer and Model _____ Goodyear Eagle LS2
Revs per Mile (km) _____ TBD

Availability _____ Standard Limited, Optional Sport
Size and Type _____ P215/60R17 BSW AS Touring
Mfr. and Model _____ Firestone Affinity S3
Revs per Mile _____ 760 (472)

Availability _____ Optional
Size and Type _____ P215/65R17 OWL all-terrain
Mfr. and Model _____ Goodyear Wrangler SRA
Revs per Mile _____ 743 (462)

BRAKES

Availability _____ Standard All

Front

Size and type _____ 11.5 x 1.0 (294 x 26) vented disc with
2.2 (57) single-piston floating caliper
Swept area _____ 223.52 sq. in. (1442 sq. cm)

Rear

Size and type _____ 10.3 x 0.39 (262 x 10) solid disc
with 1.4 (35) single-piston floating caliper
Swept area _____ 138.64 sq. in. (894.6 sq. cm)

Power-assist Type _____ 10 (254) single-diaphragm, vacuum

Four-wheel Anti-lock with on- and off-road calibrations _____ Std.

Electronic Stability Program _____ Std.