



## 2012 Jeep® Patriot SPECIFICATIONS

*Dimensions are in inches (millimeters) unless otherwise noted.*

*NOTE: Information shown is correct at time of publication and is subject to change.*

### GENERAL INFORMATION

Body Style	Sport-utility vehicle
Assembly Plant	Belvidere, Ill.
EPA Vehicle Class	Compact SUV
Introduction Date	December 2006 as a 2007 model

### ENGINE: 2.0-LITER DOHC 16-VALVE I-4 WITH DUAL VVT

Availability	Standard on 2WD Patriot Sport and 2WD Patriot Latitude
Type and Description	Four cylinders in-line, tuned intake manifold with electronic active charge motion control valves, dual counter-rotating balance shafts
Displacement	121.9 cu. in. (1998 cu. cm)
Bore x Stroke	3.39 x 3.39 (86 x 86)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual variable valve timing (VVT), direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multiport, 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)	158 bhp (117 kW) @ 6,400 rpm (79 bhp/liter)
Torque (SAE net, estimated)	141 lb.-ft. (191 N•m) @ 5,000 rpm
Maximum Engine Speed	6,750 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, dual heated oxygen sensors and engine features
Smog-forming Pollution	0.9 g/mile (0.56 g/km) <sup>(a)</sup>
EPA Fuel Economy mpg (City/Hwy) (2011 EPA Standards)	23/29 — 2WD with five speed manual transaxle 23/27 — 2WD (with continuously variable transmission (CVT))

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

**ENGINE: 2.4-LITER DOHC 16-VALVE I-4 WITH DUAL VVT**

Availability	Standard on Patriot Sport 4x4, Latitude 4x4 and Limited (4x2 and 4x4)
Type and Description	Four-cylinder 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 VVT, direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multiport, 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. (224 N•m) @ 4,400 rpm
Maximum 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 — 2WD Dual catalytic converter — 4WD Dual heated oxygen sensors and engine features
Smog-forming Pollution	0.9 g/mile (0.56 g/km) <sup>(b)</sup>
Maximum Gross Trailer Weight	1000 lbs. (450 kg) 2000 lbs. (900 kg) — with Freedom Drive II <sup>®</sup> package, trailer-tow prep group
EPA Fuel Economy mpg (City/Hwy) (2011 EPA Standards)	23/28 — 2WD with five-speed manual transaxle 21/27 — 2WD with CVT2 22/28 — 4WD with five-speed manual transaxle 21/26 — Freedom Drive I 4WD with CVT2 20/23 — Freedom Drive II Off-Road Package 4WD with CVT2L

(b) NMOG + NOx emission limits under ULEV II and Tier 2, Bin 5 emission requirements.

**TRANSAXLE: MAGNA DRIVELINE T355 5-SPEED**

Availability	Standard — 2.0L engine Standard — 2.4L engine
Description	5-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1 <sup>st</sup>	3.77
2 <sup>nd</sup>	2.16
3 <sup>rd</sup>	1.41
4 <sup>th</sup>	1.026
5 <sup>th</sup>	0.72
Reverse	3.417
Final-drive Ratio	4.12
Overall Top-gear	2.97

**TRANSAXLE: AUTOMATIC JATCO MODEL CVT2 WITH AUTO STICK**

Availability	Optional — 2.0L engine Optional — 2.4L engine
Description	Continuously variable ratio, lockup torque converter, electronic controls
Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.75:1
Final-drive Ratio	6.12:1 (2.0L), 5.798:1 (2.4L)
Overall Top-gear Ratio	2.411:1 (2.0L); 2.28 (2.4L)

**TRANSAXLE: AUTOMATIC JATCO MODEL CVT2L**

Availability	Optional on Patriot 4WD with 2.4L engine
Description	Continuously variable ratio, lockup torque converter, electronic controls
Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.75:1
Final-drive Ratio	8.135:1
Overall Top-gear Ratio	3.21:1
Effective Maximum Low-gear Ratio	19.11:1

**DRIVETRAIN**

Front-wheel Drive	
Availability	Standard
Front Differential	Open
Four-wheel Drive	
Availability	Optional
Type	Electronically-controlled coupling (ECC) with four-wheel drive Lock
Rear Differential	Open

**ELECTRICAL SYSTEM**

Alternator	120-amp 140-amp with CVT2L
Battery	525 CCA, maintenance-free

**DIMENSIONS AND CAPACITIES**

Wheelbase	103.7 (2635)
Track — Front	59.8 (1520)
Track — Rear	59.8 (1520)
Overall Length	173.8 (4413.6)
Overall Width	69.2 (1757.1)
Overall Height	65.5 (1662.9) 2WD, 66.8 (1695.6) 4x4
Overhang — Front	34.7 (885.1)
Overhang — Rear	35.1 (893.5)
Approach Angle with P215/60/R17 Tire	26.4°
Breakover Angle with P215/60/R17 Tire	20.9°
Departure Angle with P215/60/R17 Tire	28.5°
Ground Clearance with P215/60/R17 Tire	8.1 (205)
Approach Angle with Freedom Drive II Off-Road Package including P215/65/R17 Tire	29.0°
Breakover Angle with Freedom Drive II Off-Road Package including P215/65/R17 Tire	23.7°
Departure Angle with Freedom Drive II Off-Road Package including P215/65/R17 Tire	33.9°
Ground Clearance with Freedom Drive II Off-Road Package including P215/65/R17 Tire	9.1 (231)
Aero (CdA)	10.4 — 2WD 11.0 — 4WD
Curb Weight, lbs., Estimated	3,111 (1411) — Sport 2WD, 2.0L MTX 3,273 (1485) — Sport 4WD, 2.4L MTX 3,199 (1451) — Limited 2WD, 2.4L MTX 3,346 (1518) — Limited 4WD, 2.4L MTX
Weight Distribution, percent F/R	58/42 — 2WD 57/43 — 4WD
Fuel Tank Capacity, gal. (L)	13.6 (51.5) — 2WD 13.5 (51.1) — 4WD

**ACCOMMODATIONS**

Seating Capacity — F/R	2/3
Front	
Head Room without Sunroof	41.0 (1040.3)
Leg Room	40.6 (1032.1)
Shoulder Room	54.5 (1385)
Hip Room	52.3 (1328.8)
Seat Travel	10.2 (260) — driver 10.2 (260) — passenger
Recliner Angle Range	Up to 88° — driver 76° fold-flat/88° non-fold-flat — passenger
SAE Front Volume Index, cu. ft. (cu. m)	52.3 (1.482)
Rear	
Head Room	39.9 (1013.5)
Leg Room	39.4 (1000.8)
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)	104.4 (2.873)
Cargo Volume Indexes	
Rear Seats Up, cu. ft. (cu. m)	23.0 (0.652)
Rear Seats Folded, cu. ft. (cu. m)	53.5 (1.51)
EPA Interior Volume Index, cu. ft. (cu. m)	124.4 (3.525)
Trunk Lift-over Height	30.7 (779.8)
Cargo Volume with Front Passenger Fold-flat seat and Rear seat folded	63.4 (1.796)
Minimum Cargo Width at Liftgate Opening	38.9 (988)
Minimum Cargo Height at Liftgate Opening	25.9 (656)
Maximum Cargo Width at Liftgate Opening	45.1 (1146)
Maximum Cargo Height at Liftgate Opening	27.4 (696)
Distance Between Wheelhouse Interior Trim	38.0 (965)

**BODY**

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

**STEERING**

Type	Rack and pinion with hydraulic power assist
Overall Ratio	16.4:1
Turning Diameter (curb-to-curb)	With 16- or 17-in. wheels — 35.6 ft. (10.8 m)
Steering Turns (lock-to-lock)	With 16- or 17-in. wheels and tires — 2.88

**WHEELS**

Availability	Standard on Patriot Sport
Type and Material	Styled steel
Size	16 in. x 6.5 in.

Availability	Standard on Patriot Latitude and Limited
Type and Material	Polished Aluminum
Size	17 in. x 6.5 in.

**TIRES**

Availability	Standard on Patriot Sport
Size and Type	P205/70R16 BSW All-season Touring
Manufacturer and Model	Goodyear Eagle LS2
Revs per Mile (km)	758 (470)

Availability	Standard on Patriot Latitude and Limited
Size and Type	P215/60R17 BSW All-season Touring
Manufacturer and Model	Firestone Affinity
Revs per Mile (km)	771 (479)

Availability	Included with Freedom Drive II Off-Road Package and Tire and Wheel Group
Size and Type	P215/65R17 OWL All-terrain
Manufacturer and Model	Goodyear Wrangler GTA 03
Revs per Mile (km)	743 (462)

**BRAKES**

Availability	Standard on Patriot Sport 4x2, Patriot Latitude 4x2
Front	
Size and Type	11.5 x 1.0 in. (294 x 26 mm) vented disc with 2.2 in. (57 mm) single-piston floating caliper
Swept Area	223 sq. in. (1442 sq. cm)
Rear	
Size and Type	9.0 x 1.38 in. (229 x 35) drums
Swept Area	78.1 sq. in. (503.6 sq. cm)
Power-assist Type	10-in. (254-mm) single-diaphragm vacuum
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Availability	Standard on Patriot Sport 4x4, Latitude 4x4 and Limited 4x2 and 4x4
Front	
Size and Type	11.5 x 1.0 in. (294 x 26 mm) vented disc with 2.2 in. (57 mm) single-piston floating caliper
Swept Area	223 sq. in. (1442 sq. cm)
Rear	
Size and Type	10.3 x 0.39 in. (262 x 10) solid disc with 1.4 in. (35 mm) single-piston floating caliper
Swept Area	138.64 sq. in. (894.6 sq. cm)
Power-assist Type	10-in. (254-mm) single-diaphragm vacuum
Anti-lock Brakes with On- and Off-road Calibrations	Standard
Electronic Stability Control (ESC)	Standard
Hill-start Assist (HSA)	Standard with manual transmission and Freedom Drive II Off-Road Package
Off-road Brake-traction Control System (BTCS)	Included with Freedom Drive II Off-Road Package
Hill-descent Control (HDC)	Included with Freedom Drive II Off-Road Package

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