



2016 JEEP® PATRIOT SPECIFICATIONS

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Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

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

BODY AND CHASSIS

Layout	Transverse front-engine front-wheel drive or four-wheel drive
Construction	Unitized steel body

ENGINE: 2.0-LITER I-4 WORLD GAS ENGINE

Availability	Standard — 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. (4.7 liter) SAE 5W/20
Coolant Capacity	7.2 quarts (6.8 liters)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Smog-forming Pollution	0.9 g/mile (0.56 g/km) ^(a)
EPA Fuel Economy mpg (city/hwy/combined)	TBD

(a) 2.0L CVT FWD = 50 state BIN 4



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ENGINE: 2.4-LITER WGE I-4

Availability	Standard — Patriot Sport 4x4, Latitude 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. (2,360 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 quarts (4.7 liters) SAE 5W/20
Coolant Capacity	7.2 qt. (6.8 liter)
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) ^(b)
Maximum Gross Trailer Weight	1,000 lbs. (450 kg) 2,000 lbs. (900 kg) — with Freedom Drive II Package, Trailer-tow Prep Group
EPA Fuel Economy mpg (city/hwy/combined)	TBD

(b) 2.4L A6 FWD = 50 State BIN 4; 2.4L A6/CVT2/CVT2L 4WD = 50 State BIN 4; 2.4L M5 FWD/4WD = 50 State BIN 5/LEV II

TRANSAXLE: MAGNA DRIVELINE T355 FIVE-SPEED MANUAL

Availability	Standard — 2.0-liter engine Standard — 2.4-liter engine
Description	Five-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1st	3.77
2nd	2.16
3rd	1.41
4th	1.026
5th	0.72
Reverse	3.417



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Final-drive Ratio	4.12
Overall Top-gear	2.97

TRANSAXLE: SIX-SPEED AUTOMATIC 6F24 POWERTECH WITH AUTO STICK

Availability	Optional — 2.4-liter engine (FWD and AWD)
Description	Six-speed automatic transmission, lockup torque converter, electronic controls
Gear Ratios	
1st	4.212
2nd	2.637
3rd	1.800
4th	1.386
5th	1.000
6th	0.772
Reverse	3.285
Final-drive Ratio	3.367:1 (2.4-liter engine)
Overall Top-gear Ratio	2.600 (2.4-liter engine)
Auto Stick	Standard

TRANSAXLE: AUTOMATIC JATCO MODEL CVT2

Availability	Optional — 2.0-liter 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
Overall Top-gear Ratio	2.41:1
Effective Maximum Low-gear Ratio	19.11:1

TRANSAXLE: AUTOMATIC JATCO MODEL CVT2L

Availability	Optional — Patriot 4WD with 2.4-liter engine and Freedom Drive II
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



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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 (2,635)
Track — Front	59.8 (1,520)
Track — Rear	59.8 (1,520)
Overall Length	173.8 (4,413.6)
Overall Width	69.2 (1,757.1)
Overall Height	65.5 (1,662.9) — 2WD, 66.8 (1,695.6) — 4x4
Overhang — Front	34.7 (885.1)
Overhang — Rear	35.1 (893.5)
Approach Angle with P215/60/R17 Tire (degrees)	26.4
Breakover Angle with P215/60/R17 Tire (degrees)	20.9
Departure Angle with P215/60/R17 Tire (degrees)	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 (degrees)	29.0



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Breakover Angle with Freedom Drive II Off-road Package including P215/65/R17 Tire (degrees)	23.7
Departure Angle with Freedom Drive II Off-road Package including P215/65/R17 Tire (degrees)	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	3,133 (1,421 kg) — Sport 2WD, 2.0-liter MTX 3,211 (1,456 kg) — Sport 2WD, 2.0-liter CVT2 ATX 3,137 (1,423 kg) — Sport 2WD, 2.4-liter MTX 3,213 (1,457 kg) — Sport 2WD, 2.4-liter ATX 3,290 (1,492 kg) — Sport 4WD, 2.4-liter MTX 3,367 (1,527 kg) — Sport 4WD, 2.4-liter ATX 3,373 (1,530 kg) — Sport 4WD, 2.4-liter CVT2L ATX
Weight Distribution, percent F/R	58/42 — 2WD 57/43 — 4WD
Fuel Tank Capacity, gal. (liter)	13.6 (51.5) — 2WD 13.5 (51.1) — 4WD

ACCOMMODATIONS

Seating Capacity — F/R	2/3
Front	
Headroom without Sunroof	41.0 (1,040.3)
Legroom	40.6 (1,032.1)
Shoulder Room	54.5 (1,385)
Hip Room	52.3 (1,328.8)
Seat Travel	Driver — 10.2 (260) Passenger — 10.2 (260)
Recliner Angle Range (degrees)	Driver — Up to 88 Passenger — up to 88
SAE Front Volume Index, cu. ft. (cu. m)	52.3 (1.482)



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Rear	
Headroom	39.9 (1,013.5)
Leg Room	39.4 (1,000.8)
Knee Clearance	1.7 (44.1)
Shoulder Room	54.0 (1,371.9)
Hip Room	51.0 (1,294.5)
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 (1,146)
Maximum Cargo Height at Liftgate Opening	27.4 (696)
Distance Between Wheelhouse Interior Trim	38.0 (965)

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



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WHEELS

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

Availability	Standard on Patriot Latitude and Limited
Type and Material	Polished aluminum
Size	17 x 6.5

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)

Availability	Optional on Latitude
Size and Type	P225/60R17 BSW All-season Touring
Manufacturer and Model	Kumho Solus KL21
Revs per Mile	756 (470)

BRAKES

Availability	Standard on Patriot Sport 4x2, Patriot Latitude 4x2
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 sq. in. (1,442 sq. cm)



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Rear

Size and Type	9.0 x 1.38 (229 x 35) drums
Swept Area	78.1 sq. in. (503.6 sq. cm)
Power-assist Type	10.0 (254) 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 (294 x 26) vented disc with 2.2 (57) single-piston floating caliper
Swept Area	223 sq. in. (1,442 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
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

