

2011 Nissan Pathfinder Specifications

Specifications are based on latest product information available at the time of printing

Mechanical

Engine	V6	V8
Name	VQ40	VK56
Cam design	DOHC	
Orientation	Longitudinal	
Cylinders / configuration	V6	V8
Block / head composition	Aluminum/aluminum	
Displacement (cc)	4.0L	5.6L
Horsepower	266 @ 5600 rpm	310 @ 5200 rpm
Torque (lb-ft)	288 @ 4000 rpm	388 @ 3400 rpm
Bore & stroke (mm)	95.5 x 92	98 x 92
Compression ratio (:1)	9.7	9.8
Spark plugs	Platinum-tipped	Double-tipped Iridium
Maximum engine speed	6,200 rpm	6,000 rpm
Induction system	Naturally aspirated, Nissan Variable Induction System	Naturally aspirated
Valvetrain	DOHC, Silent Chain, Two-Stage, 4-Valves per Cylinder	
Engine mounts	3 solid (non-fluid filled) mounts: 2 front, 1 rear	
Recommended fuel	Premium unleaded	
Emissions system	50 State ULEV	LEV
Exhaust	Single exit/main & post muffler	

Electrical	S	SV	Silver	LE	LE
			V6		V8
Ignition system	Electronic (direct ignition)				
Starter	12 volt				
Alternator	Amps	110	130		
Battery	GR24F-550				

Transmission and Drive System		S	SV	Silver	LE	LE
		V6				V8
Drive configuration	RWD	S	S	S	S	S
	Part-time 4WD	O	O	O	-	-
	Full-time 4WD	-	-	-	O	O
Transmission type		5-speed AT				
Gear ratio		<u>A/T</u>				<u>A/T</u>
1 st		3.841				3.827
2 nd		2.352				2.368
3 rd		1.529				1.520
4 th		1.000				1.000
5 th		0.839				0.834
6 th		-				-
Reverse		2.764				2.613
Final drive ratio (:1)		3.133				2.937
Transfer case gear ratio (:1)		High Low				
		TBD TBD				
Vehicle Dynamic Control (VDC)		S				

Brakes		S	SV	Silver	LE	LE
		V6				V8
Standard						
Front	Type	Vented Disc				
Rotor size diameter and thickness (in.)		11.65 x 1.10				
Rear	Type	Vented Disc				
Rotor size diameter and thickness (in.)		12.12 x 0.70				
2- or 4-wheel limited slip		S				
Electronic Brake force Distribution		S				
Anti-lock Braking System (ABS)		S				
Number of wheels/channels/sensors		4/4/4				
Parking brake	Type	Mechanical				
Location		Foot				

Steering						
Type	Engine speed-sensitive power rack-and-pinion					
Overall ratio (:1)	17					
Turns (lock-to-lock)	3.54					
Curb-to-curb turning diameter (ft.)	39.2 (4x2), 39.5 (4x4)					
Manual Tilt Steering		S				
Steering wheel (3-spoke)	Urethane	S	SV	Silver	LE	
	Leather-wrapped	S	-	-	-	-
	Audio Controls	-	S	S	S	S
	Heated	-	-	-	-	S
	Bluetooth®	-	-	S	S	S
	Cruise control	S	S	S	S	S

Suspension	
Front Stabilizer bar	Independent double-wishbone with coil-over shocks S (33 mm V6, 34 mm V8)
Rear Stabilizer bar	Independent double-wishbone with coil on toe-control link S (25.4 mm)

Body / Chassis	
Type	Body-on-Frame (ladder-type)
Materials (primary)	Corrosion-resistant and high-strength steel
Skid plates	Radiator S
Tow hooks	1 in front S (except S)
Tow hitch – Class IV	S
Trailer harness (4-pin, 7-pin pre-wire)	S

Exterior

Wheels & Tires	S	SV	Silver V6	LE	LE V8
Wheels					
16-inch aluminum-alloy (7.0JJ)	S	-			
17-inch aluminum-alloy (7.5JJ)	-	S		-	
17-inch aluminum-alloy – Polished (7.5JJ)	-	-	S		-
18-inch aluminum-alloy – Polished (8.0JJ)		-			S
Tires					
P245/75R16 General Grabber BSW	S			-	
P265/65R17 OWL – BFGoodrich Long Trail	-		S		-
P265/60R18 BFGoodrich - BSW		-			S
Tire Pressure Monitoring System (TPMS) - Direct sensor type			S		
Spare tire					Full-size steel

Lights	S	SV	Silver V6	LE	LE V8
Headlights					
Type					Halogen
Auto On/Off (ambient light sensitive)	-			S	
Halogen front fog lights	-			S	
Center high mount stop light Glass mounted			S		

Exterior Features		S	SV	Silver V6	LE	LE V8
Outside mirrors						
Type	Black dual	S		-		
	Body color	-		S		
Adjustment		Power				
Heated w/memory			-			S
Body-colored bumpers		S				
Splash guards		-		S		
Step device		S				
Running boards		-		S		
Chrome badging		S				
UV Cut Glass Windows		S				
Privacy glass		Rear door windows, rear quarter window fixed, liftgate window				
Wipers						
Front	Variable intermittent	S				
	Vehicle-speed intermittent	-		S		
Rear	Fixed intermittent	S				
Moonroof					S	O
One-touch power tilt/sliding glass w/ shade			-			
Roof rack/rails – Yakima® accessory compatible		S				
Roof rack with cross bars			-			S

Interior

Seating		S	SV	Silver V6	LE	LE V8
Capacity		7-passenger				
Materials	Cloth	S			-	
	Leather-appointed	-			S	
Front seats		Type				
Heated		Driver and passenger			S	
Driver seat	8-way manual	S		-		
	8-way power	-		S		
Manual lumbar		S				
Passenger seat	4-way manual	S			-	
	4-way power	-			S	
Driver's seat auto entry/exit system			-			S
Driver's seat 2-driver memory			-			S
Seatback pockets		Driver side				
2 nd Row		Type				
Adjustments		3-passenger, split bench (40/20/40)				
Recline		S				
Fold up into storage position		S				
Center pull-down armrest		-		S		
Head restraints - outboard		Height-adjustable detachable dual headrests				
3 rd Row		Type				
Head restraints		50/50 split fold-flat				
		Dual height-adjustable headrests				

Audio & Entertainment Features	S	SV	Silver V6	LE	LE V8
Head unit and speakers					
2-Din AM/FM CD, 6 speakers	S			-	
2-Din AM/FM 6CD, 6 speakers	-	S		-	
2-Din AM/FM 6CD Bose® w/10 speaker including subwoofer		-		S	
Auxiliary Input Jack	-			S	
DVD navigation system with 7.0-inch screen		-		O	S
Satellite Radio	-			S	
Pre-wire XM®		-		S	
Glass antenna w/ FM diversity			S		
Mobile entertainment system DVD player w/ 7.0-inch LCD screen		-		O	

Instrumentation	
Meters/gauges	
Speedometer – MPH main, KPH sub	Analog
Tachometer	Analog
Coolant temperature	Analog
Fuel level	Analog
Twin trip odometer	LCD digital
Clock	Digital

Comfort & Convenience Features	S	SV	Silver V6	LE	LE V8
Cruise control w/ steering mounted controls	S				
Power windows	Driver/front passenger one-touch auto up/down with safety reverse				
Power door locks w/auto door lock function	Selective unlocking and anti-lockout				
Remote keyless entry system	S				
Center console	Dual-level w/ 12V outlet, CD/DVD case storage, 2 cup holders				
Overhead sunglass storage	S				
Map lights	S				
Armrests	Center console, door				
Door pockets	S				
Sun visor					
w/extender and vanity mirror	S			-	
w/extender and vanity mirror, illuminated	-			S	
Tie-down hooks			6		
Floor-mounted			2		
Side-mounted			4		
Ceiling-mounted					

Comfort & Convenience Features (cont.)	S	SV	Silver V6	LE	LE V8
Air conditioning/heater					
Manual temp control	S			-	
Dual-zone automatic temp control	-			S	
Window defogger			S		
Front Liftgate glass			S		
Rear A/C & heater ducts			S		
Cup holders					
Front					Center console w/rubber insert: 2, front door pocket: 2
Rear					Back of center console: 2
3 rd Row					2
Power outlets – four					2 on center stack, CTR console, cargo area
Glove box with lock				S	
Assist grips				S	
Ingress/egress fr grip					
Fr assist grip – ceiling pass side					
Ingress/egress rr grip					
2 nd assist grip – ceiling RH/LH					
Inside rearview mirror	S			-	
Man. day/night					
Auto-dimming	-			S	
Universal Garage Door Opener	-			S	
Automatic Temperature Control	-			S	
Rear A/C, heating with rear controls	-			S	
RearView Monitor	-			S	
HomeLink® Universal Transceiver	-			S	
Power adjustable foot pedals				S	
Bluetooth® Hands-free Phone System		-			S

Safety and Security

Passenger Restraint Systems					
Advanced Air Bag System (AABS)					
Air bags				S	
Driver & front passenger					
Dr & fr pass seat-mounted side impact				S	
Roof-mounted curtain side-impact				S	
Outboard seat belts					
Front					3-point height-adjusting w/pre-tensioners and load limiters
2 nd Row & 3 rd Row					3-point LH/RH w/ ALR/ELR
Center seat belts					3-point w/ ALR/ELR
Power window lockout button				S	
Child seat tether anchors – three					
LATCH system					
Child safety rear door locks					

Passive Safety	
Energy-absorbing steering column	S
Zone body construction with front crumple zones and rear crumple zones	
Side-door guard beams	
Shift Interlock System	
Vehicle Dynamic Control (VDC) with Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS)	S

Security	
Immobilizer	S
Vehicle security system with alarm	
Steering wheel locks when key is removed	

Dimensions

Exterior (inches)		S	SV	Silver V6	LE	LE V8
Wheelbase		112.2				
Overall length		192.3				
Overall width		72.8				
Overall height	4x2	72.0	72.2			-
	4x4	72.6				72.7
Track width	Front	61.8				
	Rear	61.8				
Minimum ground clearance	4x2	8.7	8.6			-
	4x4	9.0	8.9			9.0
Cargo liftover height	4x2	29.9			30.0	-
	4x4	30.4				
Step-in height	Front	19.5				
	Rear	20.0				

Off-Road Specs (degrees)		S	SV	Silver V6	LE	LE V8
Approach angle 4x2/4x4		28.0/28.5	27.8/28.5			-/28.7
Departure angle 4x2/4x4		23.7/24.3	22.1/22.6			-/22.9
Breakover angle 4x2/4x4		22.0/22.8	21.9/22.7			-/22.9

Interior (inches)		Front	2nd Row	3rd Row
Head room	w/moonroof	39.1	38.9	36.7
	w/o moonroof	40.0	39.0	36.7
Leg room		42.4	34.2	28.1
Hip room		55.5	57.6	44.0
Shoulder room		58.3	58.4	57.1

Weights)		S	SV	Silver	LE	LE V8
Curb (lbs)	4X2	4,427	4,564	4,621	4,676	-
	4X4	4,645	4,784	4,843	4,935	5,051
Weight distribution (%) Front/Rear	4x2	50/50	50/50	50/50	49/51	-
	4x4	51/49	51/49	51/49	51/49	51/49
GVWR (lbs)	4x2	6,000				-
	4x4	6,113				6,499

Capacities		V6	V8
Fuel (gallons)		21.1	
Oil (quarts)		5.4	8.1
Coolant (quarts)		10.9	14.3
Towing (lbs) (Max. cap. properly equip.)		6,000	7,000
Payload (lbs) (Max. cap. properly equip.)		1,047	1,276

Volume (cubic feet)	
Total volume	149.4
EPA interior volume	100.6
EPA cargo volume	48.9

EPA Fuel Economy (Actual mileage may vary)		V6	V8
City	4x2	15	-
	4x4	14	13
Highway	4x2	22	-
	4x4	20	18
Classification	Special Purposes Vehicle		

Options	S	SV	Silver	LE
LE V8 Value Package: DVD player, 7-inch color monitor for rear passengers, rear seat wireless headphones (2), power moonroof with side and tilt functions	-	-	-	O (V8 only)
DVD Mobile Entertainment System: DVD player, 7-inch color monitor for rear passengers, rear seat wireless headphones (2), infrared remote control	-	-	-	O (V6 only)
HDD Navigation Package: HDD navigation system w/color display, Bose® single CD audio system w/ subwoofer and 9.3GB Music Box Hard Drive, dual auto A/C with unique display	-	-	-	O - V6 (Std on V8)

S – Standard

O – Optional