

2010 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	SE	LE	LE
		V6		V8
Ignition system	Electronic (direct ignition)			
Starter	12 volt			
Alternator	Amps	110	130	
Battery	GR24F-550			

Transmission and Drive System		S	SE V6	LE	LE V8
Drive configuration	RWD	S	S	S	S
	Part-time 4WD	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		TBD	
		Low		TBD	
Vehicle Dynamic Control (VDC)		S			

Brakes		S	SE V6	LE	LE 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		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)	<u>S</u>	<u>SE</u>	<u>LE</u>		
	Urethane	S	-	-	
	Leather	-	S	S	
	Audio Controls	-	S	S	
	Heated	-	-	S	
	Bluetooth®	-	O	O	
	Cruise control	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 (SE & LE 4WD only)
Tow hitch - Class IV	S
Trailer harness (4-pin, 7-pin pre-wire)	S

Exterior

Wheels & Tires	S	V6 SE	LE	V8 LE
Wheels				
16-inch aluminum-alloy (7.0JJ)	S		-	
17-inch aluminum-alloy (7.5JJ)	-	S		-
17-inch aluminum-alloy - Polished (7.5JJ)	-	O		-
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	V6 SE	LE	V8 LE
Headlights				
Type			Halogen	
Auto On/Off (ambient light sensitive)	-	O		S
Halogen front fog lights	-		S	
Center high mount stop light Glass mounted			S	

Additional Exterior Features		S	V6 SE	LE	V8 LE
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 board					
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					
One-touch power tilt/sliding glass w/ shade		-			S
Roof rack/rails		S			
Roof rack with cross bars		-	0		S

Interior

Seating		S	V6 SE	LE	V8 LE
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	-	0		S
Driver's seat auto entry/exit system		-			S
Driver's seat 2-driver memory		-			S
Seatback pockets		Driver side			
2 nd Row		Type			
		3-passenger, split bench (40/20/40)			
Adjustments	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			
		50/50 split fold-flat			
Head restraints		Dual height-adjustable headrests			

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

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	V6			V8
	S	SE	LE	
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				
Air conditioning/heater				
Manual temp control	S		-	
Dual-zone automatic temp control	-		S	
Window defogger			S	
Front			S	
Liftgate glass			S	
Rear A/C & heater ducts			S	

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

Safety and Security

Passenger Restraint Systems		V6			V8
		S	SE	LE	LE
Air bags	Driver & front passenger	S			
	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	Rear	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	

Security

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

Dimensions

Exterior (inches)		V6			V8
		S	SE	LE	LE
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)		V6			V8
		S	SE	LE	LE
Approach angle 4x2/4x4		28.0/28.5	27.8/ 28.5	27.8/28.5	-/28.7
Departure angle 4x2/4x4		23.7/24.3	22.1/22.6	22.1/22.6	-/22.9
Breakover angle 4x2/4x4		22.0/22.8	21.9/22.7	21.9/22.7	-/22.9

Interior (inches)		Front	2 nd Row	3 rd 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		V6			V8
		S	SE	LE	LE
Curb (lbs)	4X2	4,427	4,563	4,676	-
	4X4	4,645	4,779	4,931	5,034
Weight distribution (%) Front/Rear	4x2	49.8/50.2	49.7/50.3	49.4/50.6	-
	4x4	51.1/48.9	51.0/49.0	50.6/49.4	51.3/48.7
GVWR (lbs)	4x2	6,000			6,350
	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	149.5
EPA interior volume	100.6
EPA cargo volume	48.9

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

Options	S	SE	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	-	-	P (V8 only)
SE Premium Journey Package: Auto on/off headlights, HomeLink® Universal Transceiver, auto dimming rearview mirror with compass, 17-inch machined aluminum-alloy wheels, RearView Monitor, roof rack crossbars, Bose® AM/FM/6CD audio system w/ 10 speakers including subwoofer, XM® Satellite Radio (XM® subscription required, sold separately), Bluetooth® Hands-free Phone System, Nissan Intelligent Key™	-	P	-
DVD Mobile Entertainment System: DVD player, 7-inch color monitor for rear passengers, rear seat wireless headphones (2), infrared remote control	-	-	P
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	-	-	P
Power Moonroof: Power moonroof with slide and tilt function	-	-	S

S – Standard

O – Option

P – Package