

For Release Feb. 1, 2007

2008 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	300+
Torque (lb-ft)	288 @ 4000 rpm	380+
Bore & stroke (mm)	95.5 x 92	98 x 92
Compression ratio (:1)	9.7	9.8
Spark plugs	Double platinum-tipped	
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	OR	LE	SE	LE
	V6			V8		
Ignition system	Electronic (direct ignition)					
Starter	12 volt					
Alternator	Amps	110	130			
Battery	GR24F-550					
Spark plugs	Double platinum-tipped					

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

Brakes		S	SE	OR	LE	SE	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 .70					
Brake control	Hill Start Assist	-		S		-	
	Hill Descent Control	-		S		-	
	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 ft. 5 in. (4x2), 39 ft. 2 in. (4x4)						
Manual Tilt Steering		S						
Steering wheel (3-spoke)		<u>S</u>		<u>SE</u>		<u>OR</u>		<u>LE</u>
	Urethane	S		-		-		-
	Leather	O		S		S		S
	Audio Controls	O		S		S		S
	Heated	-		-		-		S
	Bluetooth	-		-		-		O
	Cruise control	S		S		S		S

Suspension	
Front	Independent double-wishbone with coil-over shocks
Stabilizer bar	S
Rear	Independent double-wishbone with coil on toe-control link
Stabilizer bar	S
Bilstein® shock absorbers	S (SE Off Road)

Body / Chassis	
Type	Body-on-Frame (ladder-type)
Materials (primary)	Corrosion-resistant and high-strength steel
Skid plates	S (All trims)
Radiator	S (SE Off Road only)
Oil Pan	S (SE Off Road only)
Fuel Tank	S (SE Off Road only)
Transfer Case	S (SE Off Road only)
Tow hooks	1 in front S (SE, SE Off Road, SE V8)

Exterior

Wheels & Tires	V6				V8	
	S	SE	OR	LE	SE	LE
Wheels						
16" aluminum-alloy (7.0JJ)	S			-		
16" aluminum-alloy – Polished (7.0JJ)	-		S		-	
17" aluminum-alloy (7.5JJ)	-	S			-	
17" aluminum-alloy – Polished (7.5JJ)		-		S		-
18" aluminum-alloy – Polished (8.0JJ)			-			S
Tires						
P245/75R16 General Grabber BSW	S				-	
P265/75R16 OWL – BFGoodrich rugged trail		-	S			-
P265/65R17 OWL – BFGoodrich long trail	-	S	-	S		-
P265/60R18 BFGoodrich - BSW			-			S
Tire Pressure Monitor System (TPMS) - Direct pressure measurement system				S		
Spare tire						Full-size

Lights	V6				V8	
	S	SE	OR	LE	SE	LE
Headlights						
Type						Halogen
Auto On/Off (ambient light sensitive)	-		0	S	0	S
Halogen front fog lights	-			S		
Center high mount stop light Glass mounted				S		

Additional Exterior Features		V6				V8	
		S	SE	OR	LE	SE	LE
Outside mirrors							
Type	Black dual	S	-				
	Body color	-	S				
Adjustment		Power					
Heated		-	O		S	O	S
Memory			-		S	-	S
Body-colored bumpers		S					
Splash guards		O					
Step device	Running board	-	S	-	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					
Sunroof							
	One-touch power tilt/sliding glass w/ shade	-	O		S	O	S
Roof rack/rails		S					
Roof rack with cross bars		-	S				

Interior

Seating		V6				V8	
		S	SE	OR	LE	SE	LE
Capacity		7-passenger					
Materials	Cloth	S			-	S	-
	Leather-appointed	-	O		S	O	S
Front seats		Type					
Heated		Driver and passenger					
	Driver seat	-	S				
	Manual lumbar	S					
Passenger seat	4-way manual	S			-	S	-
	4-way power	-	O	O	S	O	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	V6				V8	
	S	SE	OR	LE	SE	LE
Head unit and speakers						
2-Din AM/FM CD	S	-				
2-Din AM/FM 6CD	-	S	-	S	-	
2-Din AM/FM 6CD Bose® w/ subwoofer	-	O	S	O	S	
Auxiliary Input Jack	-	S				
DVD navigation system with 7.0" screen	-			O	-	O
Satellite Radio	-	S				
Pre-wire XM®	-	O				
Glass antenna w/ FM diversity	S					
Mobile entertainment system	-	O				
DVD player w/ 7.0" 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	OR	LE	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	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				
Trunk/cargo area	-	S				
Cargo net	-	S	-	S	-	
Easy Clean Cargo Floor						
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				

Comfort & Convenience Features (Continued)	V6				V8	
	S	SE	OR	LE	SE	LE
Window defogger Front Liftgate glass				S		
Rear A/C & heater ducts				S		
Cup holders Front Rear 3 rd Row				Center console w/rubber insert: 2, front door pocket: 2 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 Auto-dimming Universal Garage Door Opener	S			-		
	-			S		
	-		O	S	O	S

Safety and Security

Passenger Restraint Systems	V6				V8	
	S	SE	OR	LE	SE	LE
Air bags Driver & front passenger Dr & fr pass seat-mounted side impact Roof-mounted curtain side-impact				S		
		O		S	O	S
		O		S	O	S
Outboard seat belts Front 2 nd Row & 3 rd Row				3-point height-adjusting w/pre-tensioners and load limiters 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	OR	LE	SE	LE
Wheelbase		112.2					
Overall length		192.5					
Overall width		72.6					
Overall height	RWD	72.4		-	72.5	72.4	72.5
	AWD	72.8		73.3	72.9	72.8	72.9
Track width	Front	61.8					
	Rear	61.8					
Minimum ground clearance	RWD	8.6	8.7	-	8.7	8.7	8.7
	AWD	8.7	8.8	9.2	8.9	8.8	8.9
Cargo liftover height	RWD	29.9		-	30.0	29.9	30.0
	AWD	30.4		30.9	30.4		
Step-in height	Front	19.5					
	Rear	20.0					

Interior (inches)		Front	2 nd Row	3 rd Row
Head room	w/ sunroof	39.1	38.9	36.7
	w/o sunroof	40.0	40.0	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	OR	LE	SE	LE
Curb (lbs)	4X2	4,427	4,561	-	4,670	4,811	4,927
	4X4	4,684	4,779	4,837	4,925	5,030	5,182
Weight distribution (%) Front/Rear	4x2	50/50	50/50	-	50.2/ 49.8	50.5/ 40.5	50/50
	4x4	51.3/ 48.7	51.2/ 48.8	51.2/ 48.8	50.6/ 49.4	51.7/ 48.3	51.1/ 48.9
GVWR (lbs)	4x2	6,000				6,350	
	4x4	6,113				6,500	

Capacities		V6	V8
Fuel (gallons)		21.1	
Oil (quarts)		5.4	
Coolant (liters)		10.2 w/o rear A/C, 13.4 w/ rear A/C	
Towing (lbs) (Max. cap. properly equip.)		6,000	7,000
Payload (lbs) (Max. cap. properly equip.)		TBD	

Volume (cubic feet)		S	SE	OR	LE
Passenger compartment		211.3			
Cargo	2 nd , 3 rd row seat upright	32.7			
	2 nd row upright, 3 rd row folded flat	88.2			85.4
	2 nd and 3 rd row folded flat	145.7			140.9
EPA	Total interior volume	211.3			
	Total cargo volume	80.1			

EPA Fuel Economy (Actual mileage may vary)		V6	V8
City	4x2	16	TBD
	4x4	15	TBD
Highway	4x2	23	TBD
	4x4	21	TBD
Classification		Special Purposes Vehicle	

Options	S	SE	OR	LE
SE Premium Package: Power tilt and slide sunroof, auto headlamps, UGDO (HomeLink®), BOSE® 6-disc AM/FM/CD audio system w/ 10 speakers including subwoofer, steering wheel audio controls, mp3 and satellite radio capabilities, speed-sensitive volume	-		P	-
SE Leather Package: leather-appointed seats, heated front seats, power front passenger (4-way) seat, leather-appointed door trim, dual power heated mirrors (deletes AS seat fold flat)	-		P, Requires XM Satellite Radio and SE Premium Package	P -
HDD Navigation Package: DVD navigation system w/color display, BOSE® single CD audio system w/ subwoofer and 9.3-gigabyte Music Box hard drive, dual auto A/C, Tire Pressure Monitor System, Bluetooth® hands-free phone system, Intelligent Key, XM® satellite radio receiver and antenna			-	P
DVD Mobile Entertainment System: DVD player, 7" color monitor for rear passengers, rear seat infrared headphones (2), infrared remote control	-		P, Requires XM Satellite Radio and, for SE & OR, SE Premium Package	P
Air Bag Package: Roof-mounted curtain air bags for side-impact and rollover head protection for outboard positions in all three rows, front seat-mounted side-impact air bags			P	S
XM Satellite Radio			P	
In-Cabin Microfilter			P	
Body-Side Moldings: Body-color	-		P	-
Splash Guard: 4 pieces				P

S – Standard
O – Option
P – Package