

For Immediate Release

2009 Nissan Xterra Specifications

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

Mechanical

Engine	
Name	VQ40
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum/aluminum
Displacement	4.0L (3,954 cc)
Horsepower	261 @ 5,600 RPM
Torque (lb-ft)	281 @ 4,000 RPM
Bore & stroke (mm)	95.5 x 92
Compression ratio (:1)	9.7
Spark plugs	Platinum-tipped
Maximum engine speed	6,000 rpm
Induction system	Nissan Variable Induction System
Valvetrain	DOHC, Silent Chain, Two-Stage, 4-Valves per Cylinder
Engine mounts	3 solid (non-fluid filled) mounts
Recommended fuel	Regular unleaded
Emissions system	50-state ULEV Tier2 Bin 5
Exhaust	Single exit / main and post mufflers

Electrical	
Ignition system	Electronic (direct ignition)
Starter	12 volt
Alternator	1.8 watt
Battery	GR24F-550

Transmission and Drive System	4x2			4x4			
	X	S	SE	X	S	OR	SE
Drive configuration	2WD or part-time 4WD						
Transmission type	5-speed A/T (S on SE; O on X, S, Off-Road) or 6-speed manual (S on all models except SE)						
Gear ratio		<u>M/T</u>	<u>A/T</u>				
1 st		4.368	3.842				
2 nd		2.518	2.353				
3 rd		1.743	1.529				
4 th		1.283	1.000				
5 th		1.000	0.839				
6 th		0.769					
Reverse		3.966	2.765				
Final drive ratio (:1)		<u>M/T</u> 3.538	<u>A/T</u> 2.937		<u>M/T</u> 3.692	<u>A/T</u> 3.133	(3.357 for OR A/T)
Transfer case gear ratio (:1)	Low	-		2.625			
	High	-		1.000			
Off-Road VDC (includes Hill Start Assist [HSA] and Hill Descent Control)	S (4x4 Off Road model A/T only)						
Electronic locking rear differential	S (Off-Road model only)						
Brake Limited Slip Differential (BLSD)	S (Off-Road model only)						

Brakes		
Standard		
Front	Type	Vented disc
	Rotor size diameter and thickness (in.)	11.65 x 1.1
Rear	Type	Vented disc
	Rotor size diameter and thickness (in.)	TBD
Anti-lock Braking System (ABS)		S
	Number of wheels/channels/sensors	4/4/4
Electronic Brake force Distribution (EBD)		S
Parking brake	Type	Foot pedal
	Location	Left of brake/clutch

Steering				
Type	Power rack-and-pinion			
Power-assisted	Engine-speed-sensitive			
Overall ratio (:1)	20.4			
Turns (lock-to-lock)	3.54			
Curb-to-curb turning diameter (ft.)	37 ft. 7 in. (4x2), 37 ft. 3 in. (4x4)			
Manual tilt steering	S			
Steering wheel	<u>X</u>	<u>S</u>	<u>OR</u>	<u>SE</u>
3-spoke	S	S	-	-
			S	S
Urethane	-	-	-	-
Leather-wrapped	-	-	S	S
Audio/Bluetooth® controls on steering wheel	-	O	O	O

Suspension	
Front Stabilizer bar	Independent double-wishbone 33 mm diameter
Rear Stabilizer bar	Multi-leaf with solid axle 25.4 mm diameter
Bilstein® gas-filled shock absorbers	S (Off-Road models only)

Body / Chassis	
Type	Body-on-Frame (ladder-type)
Materials (primary)	Corrosion-resistant and high-strength steel
Skid plates	
Engine lower (front undercover)	S
Oil pan	S (Off-Road models only)
Transfer case	S (Off-Road models only)
Fuel tank	S (Off-Road models only)
Tow hooks	1 in front S

Exterior

Wheels & Tires	4x2			4x4			
	X	S	SE	X	S	OR	SE
Wheels	Center cap alloy (steel for X models)						
16-inch steel	S	-	-	S	-	-	-
16-inch aluminum-alloy (7.0JJ)	-	S	-	-	S	-	-
16-inch aluminum-alloy Off Road-style (7.0JJ)	-	-	-	-	-	S	-
17-inch aluminum-alloy (7.5JJ)	-	-	S	-	-	-	S
Steel spare	S						
Tires	BFGoodrich						
P265/70R16 General Tire BSW	S	-	-	S	-	-	-
P265/70R16 OWL – BFG Long Trail	-	S	-	-	S	-	-
P265/75R16 OWL – BFG Rugged Trail	-	-	-	-	-	S	-
P265/65R17OWL – BFG Long Trail	-	-	S	-	-	-	S
Spare tire	Full-size						

Lights	4x2			4x4			
	X	S	SE	X	S	OR	SE
Headlights							
Type	Halogen						
Front fog lamps	-	O	O	-	O	O	O
Roof-mounted Off-Road Lights	-	-	-	-	-	S	-

Additional Exterior Features		4x2			4x4			
		X	S	SE	X	S	OR	SE
Outside mirrors								
Type	Folding/black dual	S (body-color on Off-Road models)						
Adjustment		Dual power						
Bumpers	Front and Rear – dark gray (not painted) Rear bumper step pad Rear bumper side step	S S S						
Outside door handles	Front Rear	Black Body color (Black on Off-Road)						
Step rails		-	S	S	-	S	-	S
UV cut glass windows		S						
Privacy glass		Rear door windows, rear quarter windows , liftgate window						
Wipers	Front – variable intermittent Rear – 4-speed fixed intermittent/washer	S S						
Roof rack	Roof rails with air dam Gear basket	S						
		-	O		-	O	S	O
	Roof rack w/ cross bars	-	O		-	O	S	O

Interior

Seating		4x2			4x4			
		X	S	SE	X	S	OR	SE
Capacity		5 passengers						
Materials	Cloth	S	S	-	S	S	-	-
Cloth – Unique Off-Road Color Combinations		-	-	-	-	-	S	-
Leather-appointed				S				S
Front seats	Type Active Head Restraints	Bucket S						
	4-way adjustable driver's seat	S	-	-	S	-	-	-
	8-way adjustable driver's seat	-	S	S	-	S	S	S
	Flat-fold passenger seat w/backboard	-	-	S	-	-	S	S
2 nd Row	Type Removable seat cushion Detachable, height adjustable headrests	3-passenger, split bench fold flat (60/40) S						
Cargo Area	Luggage floor box	S						
	Luggage cargo net	-	O	O	-	O	O	O
	First Aid Kit	-	O	O	-	O	S	O
	Carpeting	S	-	-	S	-	-	-
	Easy-Clean Washable	-	S	S	-	S	S	S
	Cargo Channel System	-	S	S	-	S	S	S
	Rear cargo area ceiling hooks x4 (metal) Floor hooks x4 Side-mounted hooks x2 Driver's side foot rest	S						

Audio	4x2			4x4			
	X	S	SE	X	S	OR	SE
Head unit and speakers							
AM/FM single CD	S	S	S	S	S	S	S
AM/FM 6CD Rockford Fosgate® w/ subwoofer	-	O	O	-	O	O	O
Speed sensitive volume	-	O	O	-	O	O	O
MP3 CD capability	-	O	O	-	O	O	O
Aux-in jack	-	O	O	-	O	O	O
XM® Satellite Radio	-	O	O	-	O	O	O
Speaker details							
(2) Fr door, (2) Rr door, (2) Fr tweeters	S	S	S	S	S	S	S
(2) Fr door, (2) Rr door, (2) Fr tweeters, (2) Rr tweeters + subwoofer	-	O	O	-	O	O	O

Instrumentation	
Meters/gauges Speedometer – MPH main, KPH sub Tachometer Coolant temperature Fuel level Oil pressure Volt meter	Analog
Warning Lights Tire Pressure Monitor System (TPMS) Air bag ABS Parking brake	S

Comfort & Convenience Features	4x2			4x4			
	X	S	SE	X	S	OR	SE
Cruise control w/ steering mounted controls	S						
Power windows	S; Driver's one-touch auto-down						
Power door locks w/anti-lockout feature	S						
Remote keyless entry system	S						
Fuel filler door	Manual release						
Rear heater ducts	S						
Cup holders	Front Rear	w/rubber insert (2) rear of center console (2)					
Power outlets	3 (instrument panel, rear passenger area, cargo area)						
Inside rearview mirror	Manual	S	S	-	S	S	S
Auto-dimming w/ compass		-	-	S	-	-	S
Glove box (with lock)	S						
Sunvisor							
W/ extender and vanity mirror	S	S	-	S	S	S	-
W/ extender and vanity mirror, illuminated	-	-	S	-	-	-	S
Air conditioning/heater	Single manual temp control						
Microfilter	-	S	S	-	S	S	S

Safety and Security

Passenger Restraint Systems		4x2			4x4			
		X	S	SE	X	S	OR	SE
Advanced Air Bag System (AABS)								
Driver					S			
Passenger					S			
Side-impact supplemental					S			
Curtain side-impact/rollover supplemental					S			
Outboard seat belts	Front	3-point height-adjusting w/pretensioners and load limiters						
	2 nd Row	3-point LH/RH w/ AELR						
Center seat belts	Rear	3-point						
Power window lockout button					S			
Child seat tether anchors – three					S			
LATCH system					S			
Child safety rear door locks					S			

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

Security								
Tamper proof door lock key cylinder					S			
Immobilizer					S			
Vehicle security system					S			

Dimensions

Exterior (inches)		4x2			4x4			
		X	S	SE	X	S	OR	SE
Wheelbase					106.3			
Overall length					178.7			
Overall width					72.8			
Overall height w/ standard roof rack					74.9			
Track width	Front/rear				61.8/61.8			
Minimum ground clearance	Standard tire	TBD	TBD	TBD	9.1	9.1	9.5	9.1
Cargo liftover height					32.2			
Step-in height	Front/rear				21.2/22.2			

Interior (inches)		Front	2 nd Row
Head room		39.9	39.3
Leg room		42.4	34.4
Hip room		55.9	46.1
Shoulder room		58.3	58.3

Weights		4x2			4x4			
		X	S	SE	X	S	OR	SE
Curb (lbs)	M/T	4,150	4,136	-	4,360	4,347	4,387	-
	A/T	4,165	4,152	4,192	4,376	4,362	4,402	4,402
Weight distribution (%)								
M/T								
Front	53.5	53.5	-	55.5	55.5	55.3	-	
Rear	46.5	46.5	-	44.5	44.5	44.7	-	
A/T								
Front	53.5	53.4	53.2	55.5	55.5	55.4	55.5	
Rear	46.5	46.6	46.8	44.5	44.5	44.6	44.5	
GVWR (lbs)		TBD			5,400			

Capacities		4x2			4x4			
		X	S	SE	X	S	OR	SE
Fuel (gallons)		21.1						
Oil (quarts)		5.4						
Coolant (quarts)		10						
Payload (lbs)	M/T	1,138	1,138	-	1,108	1,108	1,061	-
	A/T	1,123	1,123	1,016	1,098	1,098	1,046	1,004

Volume (cubic feet)			
Passenger compartment		99.8	
Cargo	Seats up/Seats down	35.2/65.7	
Total		135.0	

EPA Fuel Economy		4x2	4x4
<i>(Actual mileage may vary)</i>			
Automatic	City/Highway	15/20	14/20
Manual	City/Highway	16/20	16/20

Options		
Technology Package: Rockford Fosgate® audio with an in-dash 6-disc changer, 8 high-performance speakers and subwoofer, steering wheel audio controls, Bluetooth® Hands-free Phone System, Aux-in jack, XM® Satellite Radio w/black antenna (A/T only)		S, SE, Off-Road models only
X Gear Package: Roof rack crossbars, fog lights, first aid kit, cargo net, gear basket		S and SE models only

S – Standard

O – Option

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