

For Immediate Release

2010 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 S, SE; O on X, Off-Road) or 6-speed manual (S on X, OR)						
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>			<u>A/T</u>			
		3.692			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	Urethane	S	S	-	-
	Leather-wrapped	-	-	S	S
	Audio/Bluetooth® controls on steering wheel	-	-	S	S

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	S
Engine lower (front undercover)	S (Off-Road models only)
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 on 4x4 S, SE and OR

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	-	-	A/T	-	-	-
P265/70R16 OWL – BFG™ Long Trail	-	S	-	M/T	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	Halogen						
Type	Halogen						
Front fog lamps	-	S	S	-	S	S	S
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 SE models)						
Adjustment		Dual power (manual on X)						
Bumpers	Front- sandblast aluminum/black Rear - dark gray Rear bumper step pad Rear bumper side step	S						
Outside door handles	Front Rear	Black (Body color on SE) Black (Body color on SE)						
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						
		-	S		-	S	S	S
	Roof rack w/ cross bars	-	S		-	S	S	S

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	-
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	-	-	S	-	-	S	S
	First Aid Kit	-	-	S	-	-	S	S
	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 (except X)						

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	-	-	S	-	-	S	S
Speed sensitive volume	-	-	S	-	-	S	S
MP3 CD capability	-	-	S	-	-	S	S
Aux-in jack	-	-	S	-	-	S	S
XM® Satellite Radio (A/T models only)	-	-	S	-	-	S	S
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	-	-	S	-	-	S	S

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	-
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 w/Traction Control					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	8.1	8.1	8.2	9.1	9.1 9.5 9.1
Cargo liftover height					32.2		
Step-in height		Front/rear		21.2/22.2			
Angle of approach (degrees)		30.5	30.5	30.7	32.0	33.2	32.1
Angle of departure (degrees)		27.7	27.7	27.7	28.8	29.4	28.5

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	4,154	-	-	4,365	-	4,438	-
	A/T	4,169	4,206	4,224	4,381	4,418	4,453	4,435
Weight distribution (%)								
M/T								
Front		51.7	-	-	53.2	-	53.1	-
Rear		48.3	-	-	46.8	-	46.9	-
A/T								
Front		51.7	51.6	51.7	53.2	53.1	53.1	53.2
Rear		48.3	48.6	48.3	46.8	46.9	46.9	46.8
GVWR (lbs)		5,200			5,399			

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	881						
	A/T	881						

Volume (cubic feet)	
Passenger compartment	98.8
Cargo	Seats up/Seats down 36.3/65.7
Total	135.1

EPA Fuel Economy <i>(Actual mileage may vary)</i>		4x2	4x4
Automatic	City/Highway	15/21	15/20
Manual	City/Highway	16/20	16/20