

For Immediate Release

2009 Nissan Frontier King Cab Specifications

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

Mechanical

Engine	XE, SE I4 4x2	SE, LE & PRO-4X V6 4x2/4x4
Name	QR25	VQ40
Cam design	DOHC	
Orientation	Longitudinal	
Cylinders / configuration	I4	V6
Block / head composition	Aluminum/aluminum	
Displacement (cc)	2.5L	4.0L (3,954 cc)
Horsepower*	152 @ 5200 RPM	261 @ 5600 RPM
Torque (lb-ft)	171 @ 4400 RPM	281 @ 4000 RPM
Bore & stroke (mm)	89 x 100	95.5 x 92
Compression ratio (:1)	9.5	9.7
Spark plugs	Platinum-tipped	
Maximum engine speed	6,000 rpm	
Induction system	Nissan Induction Control System	
Valvetrain	DOHC 16-valve, silent chain, two stage, 4 valves per cylinder	DOHC 24-valve, silent chain, two-stage, 4 valves per cylinder
Engine mounts	4 solid (non-fluid filled) mounts	
Emissions system	LEV2-ULEV Tier2 Bin5	
Exhaust	Single exit & main muffler	

Electrical

Ignition system	Electronic (direct ignition)
Starter	12 volt
Alternator	110 amps
Battery	GR24F-550

Trans & Drive System

	4x2			4x4				
	I4			V6				
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Drive configuration	4x2 and 4x4							
5-speed MT	A		-					
6-speed MT	-		A	-		A	-	A
5-speed AT	-	A	A	S		A	S	S
Gear ratio	5-speed M/T			6-speed M/T			5-speed A/T	

1 st		3.580		4.368		3.842	
2 nd		2.077		2.518		2.353	
3 rd		1.360		1.743		1.529	
4 th		1.000		1.283		1.000	
5 th		0.811		1.000		0.839	
6 th		-		0.769		-	
Reverse		3.636		3.966		2.764	
Final drive ratio (:1)		4.083 (S, XE) 4.363 (O, XE)		3.538 (SE 4x2, SE 4x4) 3.692 (PRO-4X 4x4)		3.692 (S, SE I4) 3.916 (O, SE I4) 3.133 (4x2: SE, PRO-4X; 4x4: SE, LE) 2.937 (LE 4x2) 3.357 (PRO-4X 4x4)	
Rear axle Dana 44	M/T	-	S	-	S	-	S
	A/T	-	-	S	-	-	S
C200	M/T	S	-	-	-	-	-
	A/T	-	S	-	S	-	-
Transfer case		-			Rotary switch for part-time 4WD		
4WD	High	-			1.000		
	Low	-			2.625		
Crawl ratio (MT/AT)		-			40.57/ 31.60	-/ 31.60	42.33/ 33.86
Electric Rear Locking Differential		-		S	-		S

Braking System	4x2			V6			4x4		
	I4 XE	I4 SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
Front (mm)	283 x 18, 2-piston vented disc		296 x 28, 2-piston vented disc						
Rear (mm)	286 x 18, single piston vented disc								
Electronic Brake force Distribution (EBD)	S								
Vehicle Dynamic Control (VDC)	-						O (A/T only)		
2-wheel limited slip	-	O		S	-				
4-wheel limited slip	-				O		S		
ABS (4-wheel)	S								
Parking brake	Center Lever								

Steering	4x2				4x4			
	I4		V6		I4		V6	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Type	Engine speed-sensitive power rack-and-pinion							
Overall ratio (:1)	20.4							
Turns (lock-to-lock)	3.55							
Curb-to-curb turning diameter (ft.)	43.42		43.58			43.33		
Steering wheel	Urethane			Leather		Ureth.	Leather	
Steering Wheel Mounted Audio Controls	-			0		-	0	

Suspension	4x2				4x4			
	I4		V6		I4		V6	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Front Suspension	Independent							
Stabilizer bar	Front							
Rear Suspension	Overslung multi-leaf							
Bilstein shock absorbers	-			S		-		S

Body/Chassis	4x2				4x4			
	I4		V6		I4		V6	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Type	Body on frame (ladder type)							
Materials	Corrosion resistant, high strength steel							
Skid Plates	-				Oil pan, fuel tank	-		Oil pan, transfer case, fuel tank
Tow hitch	O	-		Receiver hitch member				
	S	Hitch ball provision on rear bumper						
Front tow hook	-		S					
Rear door	90-degree access							

Exterior

Wheels	4x2				4x4			
	I4		V6		I4		V6	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
15-in. Styled Steel	S	-						
16-in. Designed steel	-	S	S	-		S	-	
16-in. Alloy	-		O	-		O	-	

18-in. Alloy	-	S	-	S	-
16-in. Off-road design alloy	-		S	-	S
7JJ width	S	-	S	-	S
7.5JJ width	-	S	-	S	-

Tires	4x2				4x4			
	I4		V6		V6		PRO-4X	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
P235/75R15 General Grabber AW	S	-						
P265/70R16 BFG Long Trail	-	S	S	-	S	-		
P265/60R18 BFG Long Trail	-			S	-	S	-	
P265/75R16 BFG Rugged Tr.	-				S	-	S	
Spare tire	Conventional							

Lights	4x2				4x4			
	I4		V6		V6		PRO-4X	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Headlights	Halogen							
Center high mnt stop lamp	S							
Front fog lamps	-			S	-	S		

Exterior Features	4x2				4x4				
	I4		V6		V6		PRO-4X		
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
Outside Mirrors	Folding								
	-			Chrome (LE)		-	Chrome (LE)		
	Black				Body color		Black		Body color
	-	Optional power adjustment		Standard power adjustment		OPA	Standard power adjustment		
Front bumper	-	Chrome			Body color	Chrome		Body color	
	Half black		-						
Rear bumper	Chrome				Body color	Chrome		Body color	
Grille	Chrome frame				Body color	Chrome frame		Body color	
Body side moldings	-			S	-		S	-	
Door handles	Black			Chrome	Body color	Black	Chrome	Body color	
Mud guards	-				S				
Side step	-			Tubular	-		Tubular	-	

Bed	I4		4x2			V6		4x4	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
	Spray-on bedliner		-		S	S	-	S	S
Utili-track™ C-channel system		-		S	S	-	S	S	
Tie-down cleats		-		S	S	-	S	S	
In-Bed rope hooks (x4)		S		-	S	S	-	S	
Tailgate	Detachable, w/lock								

Interior

Seating	I4		4x2			V6		4x4	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
	Capacity	4							
Material	Cloth								
Front seats	Bucket seats w/ center console, fold-flat passenger seat								
		-		Driver's height and lumbar adjustment		-	Driver's height and lumbar adjustment		
		-		8-way power driver's seat	-		8-way power driver's seat	-	
	Active Head Restraints								
Rear seats	RH/LH cushion flip-up w/ fixed headrests								

Audio	I4		4x2			V6		4x4	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
	2DIN AM/FM/CD	O	S						
2DIN AM/FM/6CD		-			O	-		O	
MP3 capability		-			O	-		O	
AUX-IN jack		-			O	-		O	
XM® pre-wiring		-			O	-		O	
Bluetooth® Hands-free Phone System		-			O	-		O	
Speakers	Front door x 2, rear door x 2								
		-		Optional tweeters (2)		-	Optional tweeters (2)		

Instrumentation

Meters/Gauges (Analog)	Speedometer Tachometer Fuel Level Coolant Temp Oil Pressure (V6 only) Volt Meter (C6 only) Digital Odometer Trip Odometer Dual Clock (optional on XE)
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Convenience Features	4x2				4x4			
	I4 XE	SE	SE	LE	V6 PRO-4X	SE	LE	PRO-4X
Cruise Control (ASCD)	-	O		S		O		S
Power windows w/ driver Auto-down	-	O		S		O		S
Power door locks (with auto door locking)	-	O		S		O		S
Remote Keyless Entry (RKE)	-	O		S		O		S
Remote release	Hood							
First aid kit		-		S		-		S
Storage	Removable rear under seat storage w/lid, dual glove box, lower glove box w/ lock, center console box, instrument cluster upper tray, front door pocket and bottle holder, front console storage w/lid							
Sunglass holder		-		S		-		S
Front seat back pocket/driver		-		S		-		S
12-volt power outlet	1 on instrument panel, 1 in center console							
Inside mirror	Anti-glare							

Safety and Security

Passenger Restraint Systems

Air bags	Driver and passenger w/Nissan Advanced Air Bag System (AABS); Optional air bags: curtain side impact supplemental, side supplemental
Seatbelts	Front: 3-point height adjustable with pretensioners and load limiters Rear: 3-point outboard w/AELR
Impact system	Side-door guard beams, energy-absorbing steering column, front crumple zones

Security

Immobilizer	Optional on LE and PRO-4X models
VSS	

Dimensions

Weights		4x2				4x4			
		I4		V6		V6		4x4	
		XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Curb weight (lbs)	M/T	3,664	3,761	4,131	-	-	4,300	-	4,355
	A/T	-	3,779	4,147	4,201	4,171	4,315	4,370	4,370
Weight Distribution	M/T	54/46	54/46	57/43	-	-	58/42	-	-
	A/T	-	55/45	57/43	56/44	57/43	58/42	58/42	58/42
GVWR (lbs)	M/T	4,690	4,690	5,690	-	-	5,690	-	5,600
	A/T	-	4,690	5,589	5,589	5,600	5,690	5,690	5,600
Max payload	M/T	1,002	905	1,547*	-	-	1,378	-	1,233
	A/T	-	899	1,431	1,377	1,289	1,363	1,308	1,218

*1,583 with alloy wheels

Exterior (Inches)		4x2				4x4				
		I4		V6		V6		4x4		
		XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X	
Overall length	205.5									
Overall width	72.8									
Overall height	68.7	69.7								
Wheelbase	125.9									
Front overhang	31.3									
Rear overhang	48.2									
Tread width FR	61.8									
Tread width RR	61.8									
Ground clearance	8.7 at rear diff. 7.6 min. running		9.8 at rear differential 8.6 minimum running			10.1 at rear differential 8.9 at front differential 8.9 minimum running				

Bed Dimensions (Inches)			
Length	73.3		
Width	58.8 at tailgate 61.4 at C-channel 44.4 between wheel wells		
Depth	18.0		
Cargo Bed Volume	33.5 cu ft		

Off-Road Specs (Degrees)		4x2				4x4			
		I4		V6		V6		4x4	
		XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Approach angle	27.8		30.5		31.5		32.6		
Departure angle	21.0		22.1		22.6		23.3		
Ramp over angle	18.0		19.8		19.5	20.6		20.5	

Interior Dimensions (Inches)

1 st row	
Head room	39.7
Shoulder room	58.3
Hip room	55.8
Leg room	42.4
2 nd row	
Head room	38.3
Shoulder room	54.9
Hip room	55.0
Leg room	25.4
Interior volume	
1 st row	56.8 cu. ft.
2 nd row	30.9 cu. ft.
Total volume	87.7 cu. ft.

Step-In Height (Inches)

1 st row	19.9
2 nd row	21.9

Capacities

Load Rating

Utility cleat	200 lbs
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Towing

	I4		4x2		V6		4x4	
	XE	SE	SE	LE	PRO-4X	SE	LE	PRO-4X
Maximum capacity	3,500		6,500		6,300			
Tongue load	350		650		630			

Fuel Economy (EPA estimated)

	I4	4x2	V6	4x4
	XE	SE	SE	LE
City MT/AT (mpg)	19/-	19/17	16/15	-/15
Highway MT/AT (mpg)	23/-	23/22	20/20	-/20
Recommended fuel	Regular Unleaded			

Options	XE	SE I4	SE V6	LE	PRO-4X
Side & Curtain Air Bags	P, requires Preferred Package	P, requires Power Package	P, requires Value Truck Package	P, requires ABLS (4x2) or Traction Package (4x4)	P, Requires Technology Package, Traction Package (4x4)
XE Preferred Package – AM/FM/CD, air conditioning	P	-			
Power Package – Remote keyless entry, power windows with auto down, power door locks and outside mirrors and cruise control	-	P	-		
SE Value Truck Package – Power windows w/auto down, power door locks, power outside mirrors, remote keyless entry and cruise control, bedliner, 16-inch alloy wheels, 2-wheel/4-wheel limited slip, floor mats, microfilter	-		P	-	
Technology Package – AM/FM/6CD in-dash with 6-speakers, steering wheel audio control, XM [®] Satellite Radio capability, MP3 Capability, Bluetooth [®] Hands-free Phone System, Immobilizer, Vehicle Security System (VSS), aux-in jack	-			P	P, XM [®] not available with M/T
Traction Package – Hill Start Assist (HSA), Hill Descent Control, Vehicle Dynamic Control (VDC)(for 4x4 only)	-			P, plus 4-wheel limited slip (ABLS), requires Tech Package	P
Active Brake Limited Slip (ABLS): 2-Wheel Limited Slip (4x2 only)	-			P, requires Tech Package	-

- S** – Standard
- A** – Available
- O** – Option
- P** – Package