

2009 Infiniti QX56

Technical Specifications, Features and Options

Source of Production: Nissan North America

Assembly Plant Location: Canton, Mississippi

ENGINE	
Type	ZH-2 (VK56DE)
Orientation	Longitudinally-mounted
Cylinders / configuration	V8
Block / head composition	Aluminum / aluminum
Displacement	5.6 liters
Horsepower	320 @ 5,200 rpm
Torque	393 lb-ft @ 3,400 rpm
Bore x stroke (mm)	98 x 92
Compression ratio (:1)	9.8
Induction system	Naturally aspirated
Valvetrain	DOHC 32-valve; silent chain, single stage
Mounts	Standard (no fluid-filled)
Recommended fuel	Premium unleaded
Emission certification level	Tier2-Bin8z (EPA) / LEV1-ULEV (Cal)
Exhaust	Single exit/main and secondary mufflers

ELECTRICAL	2WD	4WD
Electronic ignition system	S	
Starter rating 12 volt		
130 amp alternator		
Battery 650 Cold-Cranking Amps (CCA)		
Trailer towing – 7 pin trailer harness plug with connector	O	S

DRIVETRAIN		2WD	4WD
Drive configuration		2WD	4WD
Transmission type		Automatic; 5-speed with overdrive	
Automatic transmission oil cooler		S	
Gear ratios (:1)		2WD	4WD
	1st	3.827	3.827
	2nd	2.368	2.368
	3rd	1.520	1.520
	4th	1.000	1.000
	5th	0.834	0.834
	Reverse	2.613	2.613
Final drive ratio (:1)		3.357	3.357
Transfer case / crawl ratios			
Axle		3.357	3.357
4WD high		-	1.000
4WD low		-	2.625
Crawl ratio: 1st		11.240	12.85/33.35
Crawl ratio: 2nd		6.955	7.95/20.64
Crawl ratio: reverse		2.04	2.33/6.05

BODY/CHASSIS	2WD	4WD
Body type	Body-on-frame (F-Alpha)	
Primary materials	Corrosion-resistant and high-strength steel	

2009 Infiniti QX56

Technical Specifications, Features and Options

Skid plates	Transfer case	-	S
	Oil pan	-	S
	Fuel tank	-	S

BRAKES	
Front: Vented disc 12.59 x 1.02 in.	S
Rear: Vented disc 12.13 x 0.63 in.	
4-wheel disc brakes	
4-wheel Anti-lock Braking System (ABS) 4 channels/4 sensors	
Brake Assist (BA)	
Electronic Brake force Distribution (EBD)	
Vehicle Dynamic Control (VDC)	

SUSPENSION AND STEERING	
Front suspension	Double-wishbone
Front stabilizer bar (23 mm diameter)	S
Rear suspension	Double-wishbone independent
Rear stabilizer bar (22.2 mm diameter)	S
Auto leveling rear suspension	S
Steering type	Rack-and-pinion
Power assisted	Engine speed-sensitive
Steering ratio (:1)	20
Turns (lock-to-lock)	3.6
Turning diameter (curb-to-curb)	40.8 ft

WHEELS AND TIRES	2WD	4WD
Wheels		
20 x 8.0-inch chrome aluminum-alloy wheels		S
Tires		
P275/60R20 BSW Michelin All-Season tires		S
Full-Size spare tire and steel wheel		S
	Location	Behind rear axle
Tire Pressure Monitoring System (direct sensor type)		S
	w/ warning lamp in meter	S

2009 Infiniti QX56

Technical Specifications, Features and Options

EXTERIOR DIMENSIONS (inches)	2WD	4WD
Wheelbase	123.2	
Overall length	206.9	
Overall width	78.8	
Overall height w/ roof rack	77.8	78.7
Front track width	67.5	
Rear track width	67.5	
Angle of approach (degrees) with aero spoiler	24.7	26.2
Angle of departure (degrees)	21.8	22.7
Ramp angle (degrees) with step rails	9.3	9.6
Ground clearance (inches) with front cover	8.3	9.1
Step in height – 1 st row	20.8	21.5
Step in height – 2 nd row	21.5	22.3

EXTERIOR FEATURES AND OPTIONS		
Body color front and rear bumpers, center section and rear door handles		S
Chrome body side moldings, grille and front door handles		S
Headlights	Type Automatic on/off Fog lights	Xenon HID S S
Glass	Windshield Driver and front passenger windows Rear door glass Rear quarter windows Rear liftgate	Tinted Tinted Privacy glass Privacy glass Privacy glass
Wipers	Front windshield Rear liftgate	Speed-sensitive variable intermittent Intermittent with washer
Outside mirrors	Power folding Heat Power adjust Driver's side auto-dimming, integrated turn signal and puddle lamp	S S S S
Rear mudguards		S
Roof rack (chrome-plated)	Side rails Cross bars	S One-piece style
One-Touch Power Sliding Moonroof		S

INTERIOR DIMENSIONS (inches)	2WD	4WD
First row		
Head room	41.0	

2009 Infiniti QX56

Technical Specifications, Features and Options

Head room with sunroof	39.7
Shoulder room	65.1
Hip room	61.3
Leg room	41.8
Second row	
Head room	40.0
Shoulder room	64.5
Hip room	60.1
Leg room	41.9
Third row	
Head room	35.9
Shoulder room	63.7
Hip room	48.8
Leg room	32.2

INTERIOR FEATURES AND OPTIONS	2WD	4WD
10-way power driver's seat, including 2-way power lumbar support	S	
8-way power passenger's seat		
Leather-appointed seating surfaces		
Driver and front passenger Active Head Restraints		
Memory for driver's seat, steering wheel, pedal and outside mirror position		
Heated front and 2 nd row seats		
Fold-flat front passenger seat, 2 nd and 3 rd row seats		
Driver and passenger seat back pockets		
60/40-split power folding 3 rd row bench seat		
Tip-up device for 3 rd row ingress/egress		
Cupholders 4 on front center console, 2 bottle holders in front door panel 2 on back of front seat center console 2 on 2 nd row center console or on the fold-down 2 nd row split bench seat center armrest 2 on luggage trim for 3 rd row		
12V power points 2 I/P mounted 1 in rear of front center console 1 in cargo-area luggage trim panel		
Steering wheel 3-spoke leather w/ cruise control and audio switches with power tilt, illumination; heated		

CAPACITIES	
Seating capacity	7 - with 2 nd row captain chairs 8 - with optional 2 nd row bench seat
Interior volume (cu. ft.)	188.7
Cargo volume (cu. ft.)	61.4
Fuel tank (gals.)	28.0
Engine oil (qts.)	6.5

2009 Infiniti QX56

Technical Specifications, Features and Options

Engine coolant (qts.)	12.3	
Maximum towing capacity (lbs.)(when properly equipped)	9,000	8,900
Maximum tongue weight (lbs.)	900	890

CURB WEIGHTS	2WD	4WD
Curb weight (lbs.)	5,705	6,011
Weight distribution	50/50	51/49
GVWR (lbs.)	7150	7300

EPA MILEAGE ESTIMATES (actual mileage may vary)	2WD	4WD
City	12	12
Highway	18	17
EPA classification	TWC (test weight class) 2WD 5,500 lbs.; 4WD 6,000 lbs.	

AUDIO SYSTEM		
12-speaker Bose® Premium Audio System with Burr-Brown® DAC and 9.3GB Music Box Hard Drive for digital music storage and playback		S
Infiniti Hard Drive Navigation system		
Rear audio controls		
Steering wheel controls:	Audio ASCD	
Antennas	In-glass audio and diversity Body-color satellite radio	
XM® Satellite Radio		S
Infiniti Mobile Entertainment System with 8.0-inch flip-down display, DVD player, 2 sets of wireless headphones, remote control, auxiliary input		O

2009 Infiniti QX56

Technical Specifications, Features and Options

COMFORT AND CONVENIENCE FEATURES	
Driver/front passenger-side one-touch auto-up/down power windows with safety reverse	S
Power rear windows with one-touch auto-up/down with safety reverse feature	
Power rear vent windows	
Power adjustable foot pedals with memory	
Power door locks with illuminated switches, with anti-lockout feature and automatic locking	
Power-operated rear liftgate	
Bluetooth® Hands-free Phone System	
Remote keyless entry – operates locks, windows, rear liftgate	
Overhead console – mini console with map lamps and sunglasses holder	
Rearview mirror – auto day/night with HomeLink® Universal Transceiver	
Dual-Zone front Automatic Temperature Control, microfilter	
Rear temperature control with rear heater ducts	
Infiniti Intelligent Key	
Intelligent Cruise Control	O

SAFETY AND SECURITY FEATURES	
Air bags (SRS) Driver – w/Advanced Air Bag System (AABS) Passenger – w/ Advanced Air Bag System Front seat-mounted side-impact supplemental air bags Roof-mounted curtain supplemental air bags for outboard occupant side-impact and rollover protection including 1st, 2 nd , 3 rd row coverage	S
Driver's seat 3-point seat belts with ELR, dual pretensioners and load limiters	
Front passenger's seat 3-point with ALR/ELR, dual pretensioners and load limiters	
2 nd row: 3-point RH, LH, CTR* with ALR/ELR *Center position included with optional 2 nd row bench seat	
3 rd row: 3-point for RH, LH, CTR with ALR/ELR	
Front seat Active Head Restraints	
LATCH System and upper tether anchors for 2 nd & 3 rd row outer positions	
Child safety rear door locks	
Infiniti Vehicle Immobilizer System	
Vehicle Security System	
Steering column lock	

SAFETY AND SECURITY FEATURES, Cont.

2009 Infiniti QX56

Technical Specifications, Features and Options

Energy-absorbing steering column	S
Zone Body construction w/ front and rear crumple zones	
Hood-buckling creases	
Knee bolsters	
Body side reinforcements	
Shift interlock system	

INSTRUMENTATION	
Fine Vision Meter gauges	S
Speedometer	
Tachometer	
Engine temperature	
Oil pressure	
Volts	
Tire pressure warning	
Shift position indicator	
Tire pressure display in vehicle information screen	
4WD Indicator/Warning	S on 4WD

PACKAGES AND OPTIONS	2WD	4WD
Split Bench Seat: includes 40/20/40 split bench 2 nd row seat		O
Infiniti Mobile Entertainment System: 8.0-inch flip-down display screen, DVD player, 2 sets of wireless headphones, remote control, auxiliary input		O
Technology Package: Intelligent Cruise Control and Front Sonar Sensors		O
Tow Package: Receiver hitch, 7-pin wiring harness plug	O	S

3/09

S – Standard

O – Optional