

2014 Infiniti QX70

Technical Specifications Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE		QX70 5.0 AWD	QX70 3.7
Type		VK50VE DOHC 32-valve with Variable Valve Event & Lift (VVEL)	VQ37VHR DOHC 24-valve with Variable Valve Event & Lift (VVEL)
Orientation		Longitudinal	
Cylinders / configuration		V8	V6
Block / head composition		Aluminum / aluminum	
Displacement		5.0 liters	3.7 liters
Horsepower		390 @ 6,500 rpm	325 @ 7,000 rpm
Torque		369 lb-ft @ 4,400 rpm	267 lb-ft @ 5,200 rpm
Bore x stroke (mm)		95.5 x 87.7	95.5 x 86.0
Compression ratio (:1)		10.9	11.0
Maximum engine speed (rpm)		6,800 rpm	7,500 rpm
Valvetrain		4 valves per cylinder with continuous variable valve timing control	4 valves per cylinder with continuous variable valve timing control
Required fuel		Premium unleaded	Premium unleaded
Emissions system		Closed loop feedback system with 3-way catalysts	
Exhaust		Stainless steel with dual outlets	
Emissions certification level		50-state T2B5 (EPA), LEV2-LEV (CARB)	

ELECTRICAL	
Electronic ignition system	S
150 amp alternator	
Low-maintenance 12-volt battery	

DRIVETRAIN	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Drive configuration	Front engine/all-wheel drive (ATTESA E-TS AWD system)		Front engine/ rear-wheel drive
Transmission type	7-speed electronically controlled automatic overdrive transmission with manual shift mode and Adaptive Shift Control (ASC)		
Downshift Rev-Matching (DRM)	S		
Snow mode switch	S		

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DRIVETRAIN (continued)		QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Gear ratios (:1)				
	1 st	4.8867		4.9238
	2 nd	3.1697		3.1938
	3 rd	2.0271		2.0426
	4 th	1.4118		1.4118
	5 th	1.0000		1.0000
	6 th	0.8642		0.8622
	7 th	0.7745		0.7715
	Reverse	4.0410		3.9720
Final drive ratio (:1)		3.538	3.692	3.357
Traction Control System (TCS)		S		
Vehicle Dynamic Control (VDC) w/off switch				

BODY, SUSPENSION AND STEERING		QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Body type		Monocoque - steel, aluminum, resin		
Front suspension		Aluminum independent double-wishbone w/stabilizer bar		
Rear suspension		Aluminum and steel independent multi-link w/stabilizer bar		
Shock absorbers – Dual Flow Path®		S		
Continuous Damping Control (CDC®) with Auto and Sport modes		P		-
Steering type		Power-assisted vehicle speed variable assist rack-and-pinion		
Steering ratio (:1)		16.1		
Turning diameter (in feet)		36.7		
Turns (lock-to-lock)		2.96		
Rear-Active Steer		P		-

BRAKES		QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Front: Vented disc (inches)	12.6 x 1.3	-	S	
	14.0 x 1.3	S	-	
Rear: Vented disc (inches)	12.1 x 0.6	-	S	
	13.8 x 0.8	S	-	
Opposed calipers, aluminum, 4-piston front, 2-piston rear		S	-	
Electronic Brake force Distribution (EBD)		S		
Brake Assist				
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)				

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WHEELS AND TIRES	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Wheels			
18-inch 10-spoke aluminum-alloy (8.0Jx18)	-		S
20-inch 5-spoke aluminum-alloy (8.0Jx20)	-		P
21-inch 6-spoke aluminum-alloy (9.5Jx21)	S		-
Tires			
265/60R18 109V all-season tires	-		S
265/50R20 106V all-season tires	-		P
265/45R21 104V all-season tires	S		-
Spare tire – T175/90/18 18-inch alloy wheel	S		-
18-inch steel wheel	-		S

EXTERIOR DIMENSIONS (inches)	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Wheelbase		113.6	
Overall length		191.3	
Overall width		75.9	
Overall height (without / with roof rails)	66.1	65.0 / 66.1	
Front track width		64.4	
Rear track width		64.6	
Minimum ground clearance		7.36	
Angle of approach (degrees)		28.8	
Angle of departure (degrees)		20.9	
Step-in height Front/rear		18.9/18.9	
Cargo area liftover height (inches)		31.1	
Coefficient of Drag (Cd)	0.36	0.35	

EXTERIOR FEATURES AND OPTIONS	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Flush-mounted High Intensity Discharge (HID) bi-functional projector headlights (high/low beam), automatic on-off		S	
Adaptive Front lighting System (AFS)		P	
Dark tinted side air vent and lower door trim	P	-	-
Chrome door handles, side window moldings		S	
Rear center high-mount LED stoplight (CHMSL)			
Body-color front and rear bumpers			
Front fog lights			
UV-reducing solar glass on front windows, privacy glass on rear windows and liftgate glass			
Power-folding, heated outside mirrors with courtesy lights			
Dark Chrome front grille			
One-touch auto open/close power glass tilt/slide moonroof w/ auto reverse and sliding shade			
Electric liftgate closure assist			
Power rear liftgate			
Aluminum doors and hood			
100-lb weight rated roof rails	S	P	

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INTERIOR DIMENSIONS (inches)	Front	Rear
Head room (with moonroof)	39.3	38.5
Shoulder room	57.3	57.4
Hip room	54.9	54.2
Leg room	44.7	34.6

INTERIOR FEATURES AND OPTIONS	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Infiniti Intelligent Key	S		
Bluetooth® Hands-free Phone System	S		
Leather-appointed seats	S		
Quilted leather-appointed seats	S	P	
Sport-style front seats	P	-	
8-way power adjustable front seats	S	S	
Climate-controlled	S	P	
2-way power driver's lumbar support	S	S	
Manual thigh extensions	P	-	
Power bolster support	P	-	
Dual-occupant memory system for driver's seat, outside mirrors and steering wheel	S	P	
60/40-splitfolding and reclining rear seat with fold-down center armrest	S		
Steering wheel Manual tilt/telescoping Power tilt/telescoping Leather-wrapped	-	S	
	S	P	
	S		
Solid-magnesium paddle shifters	P	-	
Aluminum pedal accents	S	P	
Maple interior accents	S	P	
Black lacquer interior trim	S		
Carpeted trunk and cargo area	S		
Leather-wrapped gearshift knob	S		
Driver and passenger seat back pockets	S		
Sun visors with illuminated vanity mirrors and sliding extensions	S		
HomeLink® Universal Transceiver	S		
Tonneau cover	S	P	
Infiniti Hard Drive Navigation System with 8.0-inch WVGA color touch-screen display, Voice Recognition, NavTraffic and NavWeather (SiriusXM subscription required, sold separately), Zagat Survey® Restaurant Guide and Streaming Audio via Bluetooth® wireless technology	S	P	

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AUDIO SYSTEM	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Bose® 11-speaker Premium Audio sound system, including AM/FM/CD with MP3 playback capability, steering wheel audio controls, Radio Data System (RDS) and speed-sensitive volume control	S		
Single in-dash CD/DVD player	S	P	
SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)	S		
Roof-mounted and rear window in-glass diversity antennas	S		
USB Connection Port iPod® Interface and other compatible devices	S		

COMFORT AND CONVENIENCE FEATURES	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7		
Power windows with front one-touch auto-up/down with auto reverse feature	S				
RearView Monitor	S				
Around View® Monitor with Moving Object Detection (MOD), Front and Rear Sonar System	S	P			
Intelligent Cruise Control (Full-Speed Range)	P				
Distance Control Assist (DCA)	P				
Rain-sensing front windshield wipers	P				
Cruise control with steering wheel mounted switches	S				
Power door locks (driver's side and front passenger's side) with selective unlocking and automatic locking feature					
Illuminated power window, steering wheel and door lock switches					
Front door pockets					
Dual Zone Automatic Temperature Control					
Advanced Climate Control System (ACCS) with Plasmacluster® air purifier, Auto-recirculation and Grape Polyphenol Filter	S	-			
Center console with dual-level storage and overhead storage for sunglasses	S				
Remote Keyless Entry					
Lockable glove box					
Front (2) and rear (2) cup holders					
Speed-sensitive variable intermittent front windshield wipers, rear intermittent wiper with washer					
Front and rear outboard height adjustable head restraints					

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SAFETY AND SECURITY FEATURES	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Infiniti Advanced Air Bag System (AABS); Dual-stage front supplemental air bags with occupant classification and seat belt sensor	S		
Driver and front passenger seat-mounted side-impact supplemental air bags			
Roof-mounted curtain side impact and rollover supplemental air bags for outboard occupant head protection			
3-point front seat belts with adjustable upper anchors, pre-tensioners and load limiters; ALR/ELR in all passenger seating positions (driver's seat ELR only)			
Seat belt reminder system (front)			
Lower Anchors and Tethers for CHildren (LATCH) system			
Front seat Active Head Restraints			
Child safety rear door locks and power window lock-out button			
Zone body construction with front and rear crumple zones			
Slide-away brake pedal assembly			
Break-away rear engine mount			
Collapsible propeller shaft			
High-strength side-door guard beams			
Shift Interlock System			
Vehicle Security System			
Energy-absorbing steering column			
Infiniti Vehicle Immobilizer System			
Vehicle Dynamic Control (VDC)			
Traction Control System (TCS)			
Tire Pressure Monitoring System (TPMS) with individual tire display			
Front Pre-Crash Seat Belts	P		

INSTRUMENTATION	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Fine Vision electroluminescent gauges; analog speedometer, tachometer, coolant temperature and fuel level, Multi-function trip computer display with instantaneous fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	S		
Twin trip LCD digital odometer			
Low fuel, oil pressure and door ajar-warning lights			
Compass in mirror – LED digital (w/o Navigation System)	-	S	

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CAPACITIES	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Seating capacity	5		
Interior passenger volume (cu. ft.)	102.5		
Cargo volume (cu. ft.)	Rear seat up 24.8 / Rear seat down 62.0		
Total interior volume (cu. ft.)	127.3		
Fuel tank (gal.)	23.8		
Engine oil (qts.)	5.7	5.2	
Engine coolant (liters)	11.6	9.7	
Maximum towing capacity (lbs)	3,500	2,000	–

CURB WEIGHTS	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Curb weight – front (lbs.)	2,421	2,273	2,177
Curb weight – rear (lbs)	2,141	2,048	2,032
Curb weight – total (lbs.)	4,562	4,321	4,209
Weight distribution (% fr/rr)	53/47	53/47	52/48
GVWR (lbs.)	5,766	5,519	5,301

EPA MILEAGE ESTIMATES (Actual mileage may vary)	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
City	14	16	17
Highway	20	22	24
EPA Size	SUV		

PACKAGES AND OPTIONS	QX70 5.0 AWD	QX70 3.7 AWD	QX70 3.7
Premium Package: Infiniti Hard Drive Navigation System; Infiniti Voice Recognition for audio, navigation; NavTraffic with Real-Time Traffic Information, NavWeather with Real-Time Weather Information (SiriusXM subscription required, sold separately), Zagat Survey® Restaurant Guide; 8-inch WVGA color touch-screen display; single in-dash CD/DVD player; Streaming Audio via Bluetooth® wireless technology; Around View® Monitor (AVM) with Moving Object Detection and Front and Rear Sonar System; dual-occupant memory system for driver's seat, outside mirrors and steering wheel; outside mirrors with reverse tilt-down feature; power tilt and telescopic steering column; aluminum roof rails	S	O	

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Deluxe Touring Package: 20x8.0-inch 5-spoke aluminum-alloy wheels with 265/50R20 all-season tires; Maple interior accents; aluminum pedals; tonneau cover; Climate-controlled front seats; quilted leather-appointed seats	-	O (requires Premium Package)
Technology Package: Intelligent Cruise Control (Full Speed Range); Lane Departure Warning (LDW) system and Lane Departure Prevention (LDP) system; Distance Control Assist (DCA); Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Front Pre-Crash Seat Belts; rain-sensing front windshield wipers; Adaptive Front lighting System (AFS) with auto-leveling headlights	O	O
Sport Technology Package: Continuous Damping Control (CDC®) suspension with Auto and Sport modes; Rear Active Steer; solid magnesium paddle shifters; sport-style front seats with thigh support; driver's seat with power bolster adjustment (4-way); dark tinted side air vents lower side trim and headlight housings	O (includes Technology Package content)	-

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O – Optional

S – Standard

P – Included in Package