

2014 Infiniti QX70

Technical Specifications Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	QX70 5.0-litre	QX70 3.7-litre
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 litres	3.7 litres
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
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	
Maximum engine speed (redline)	6,800 rpm	7,000 rpm
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-litre AWD	QX70 3.7-litre AWD
Drive configuration	Front engine/all-wheel drive (ATTESA E-TS AWD system)	
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	

2014 Infiniti QX70

Technical Specifications Features and Options

DRIVETRAIN (Continued)		QX70 5.0-litre	QX70 3.7-litre	
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-litre	QX70 3.7-litre
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		O	-
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		O	-

BRAKES		QX70 5.0-litre	QX70 3.7-litre
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 (BA)			
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)			

Technical Specifications Features and Options

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

EXTERIOR DIMENSIONS (inches)	QX70 5.0-litre	QX70 3.7-litre
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-litre	QX70 3.7-litre
Flush-mounted High Intensity Discharge (HID) bi-functional projector headlights (high/low beam), automatic on-off	S	
Adaptive Front lighting System (AFS)	O	PO
Dark tinted headlights with AFS	-	-
Dark tinted side air vent and lower door trim)	-	-
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	S	
One-touch auto open/close power glass tilt/slide moonroof w/ auto reverse and sliding shade		
Electric liftgate closure assist		
Power rear liftgate	S	
Aluminum doors and hood	S	
100-lb weight rated roof rails	S	S

2014 Infiniti QX70

Technical Specifications Features and Options

Aluminum roof rails with graphite finish, roof rail crossbars with dark finish	-	-
--	---	---

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-litre	QX70 3.7-litre
Infiniti Intelligent Key	S	
Bluetooth® Hands-free Phone System	S	
Leather-appointed seats	S	
Quilted leather-appointed seats	S	S
Sport-style front seats	O	-
8-way power adjustable front seats	S	S
Climate-controlled	S	O
2-way power driver's lumbar support	S	S
Manual thigh extensions	O	-
Power bolster support	O	-
Dual-occupant memory system for driver's seat, outside mirrors and steering wheel	S	S
60/40-splitfolding and reclining rear seat with fold-down center armrest	S	
Steering wheel	-	S
Manual tilt/telescoping		
Power tilt/telescoping	S	S
Leather-wrapped	S	
Solid-magnesium paddle shifters	O	-
Maple interior accents	S	O
Black lacquer interior trim	-	O
Carpeted trunk and cargo area	S	
Graphite floor mats with unique blue piping	-	-
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	S
Infiniti Hard Drive Navigation System with 8.0-inch WVGA color touch-screen display, Voice Recognition, XM NavTraffic® and XM NavWeather™ (XM® subscription required, sold separately), Zagat Survey® restaurant guide and streaming audio via Bluetooth® wireless technology	S	O

2014 Infiniti QX70

Technical Specifications Features and Options

AUDIO SYSTEM	
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
XM® Satellite Radio (XM® 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-litre	QX70 3.7-litre
Power windows with front one-touch auto-up/down with auto reverse feature	S	
RearView Monitor	S	
Around View® Monitor with Front and Rear Sonar System	S	P
Intelligent Cruise Control (Full-Speed Range)	P	P
Distance Control Assist (DCA)	P	P
Rain-sensing front windshield wipers	P	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	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		
SAFETY AND SECURITY FEATURES	QX70 5.0-litre	QX70 3.7-litre
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 supplemental		

2014 Infiniti QX70

Technical Specifications Features and Options

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	P

INSTRUMENTATION	QX70 5.0-litre	QX70 3.7-litre
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

2014 Infiniti QX70

Technical Specifications Features and Options

CAPACITIES	QX70 5.0-litre	QX70 3.7-litre
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 (litres)	11.0	9.2
Maximum towing capacity (lbs)	3,500	-
Payload including passengers (lbs)	1,182	1,213

CURB WEIGHTS	QX70 5.0-litre	QX70 3.7-litre
Curb weight – front (lbs.)	2,421	2,235
Curb weight – rear (lbs)	2,136	2,049
Curb weight – total (lbs.)	4,557	4,284
Weight distribution (% fr/rr)	53/47	52/48
GVWR (lbs.)	5,766	5,519

FUEL ECONOMY (Actual mileage may vary)	QX70 5.0-litre	QX70 3.7-litre
City L/100km	14.6	13.4
Highway L/100km	10.1	9.3

PACKAGES AND OPTIONS	QX70 5.0-litre	QX70 3.7-litre
----------------------	----------------	----------------

Deluxe Touring Package: (V6): 20x8.0-inch 5-spoke aluminum-alloy wheels with P265/50R20 V-rated all-season tires; Maple interior accents; aluminum pedals; tonneau cover; Climate-controlled front seats; quilted leather-appointed seats	-	0
Technology Package: Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Lane Departure Warning (LDW) system and Lane Departure Prevention (LDP) system; Front Pre-Crash Seat Belts; Intelligent Cruise Control (Full Speed Range); Distance Control Assist (DCA); rain-sensing front windshield wipers; Adaptive Front lighting System (AFS) with auto-leveling headlights	0 (requires sport package)	0 (requires Deluxe Touring Package)
Sport Package: Continuous Damping Control (CDC®) suspension with Auto and Sport modes; Rear Active Steer; sport-style front seats with thigh support; driver's seat with power bolster adjustment (4-way); dark tinted side air vents and lower side trim; solid magnesium paddle shifters; Adaptive Front lighting System (AFS) with auto-leveling headlights	0 (req. Tech Pkg)	-

2014 Infiniti QX70

Technical Specifications Features and Options

O – Optional

S – Standard

P – Included in Package