

2015 Infiniti QX70

Technical Specifications Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE		QX70
Type	DOHC 24-valve with Variable Valve Event & Lift (VVEL)	
Orientation	Longitudinal	
Cylinders / configuration	V6	
Block / head composition	Aluminum / aluminum	
Displacement	3.7 litres	
Horsepower	325 @ 7,000 rpm	
Torque	267 lb-ft @ 5,200 rpm	
Bore x stroke (mm)	95.5 x 86.0	
Compression ratio (:1)	11.0	
Valvetrain	4 valves per cylinder with continuous variable valve timing control	
Required fuel	Premium unleaded	
Emissions system	Closed loop feedback system with 3-way catalysts	
Exhaust	Stainless steel with dual outlets	
Maximum engine speed (redline)	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
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	

DRIVETRAIN (Continued)		QX70
Gear ratios (:1)		
	1 st	4.9238
	2 nd	3.1938
	3 rd	2.0426
	4 th	1.4118
	5 th	1.0000
	6 th	0.8622
	7 th	0.7715
	Reverse	3.9720
Final drive ratio (:1)		3.692/
Traction Control System (TCS)		S
Vehicle Dynamic Control (VDC) w/off switch		

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BODY, SUSPENSION AND STEERING	QX70
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
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

BRAKES	QX70 3.7	QX70 3.7 Sport
Front: Vented disc (inches) 12.6 x 1.3	S	S
Rear: Vented disc (inches) 12.1 x 0.6	S	S
Electronic Brake force Distribution (EBD)	S	
Brake Assist (BA)	S	
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)	S	

WHEELS AND TIRES	QX70 3.7	QX70 3.7 Sport
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 21-inch alloy wheel		S
18-inch steel wheel	S	

EXTERIOR DIMENSIONS (inches)	QX70
Wheelbase	113.6/2885mm
Overall length	191.3/4859mm
Overall width	75.9/1927.7mm
Overall height (with roof rails)	66.1 /1680mm
Front track width	64.4/1635mm
Rear track width	64.6/1640mm
Minimum ground clearance	7.36/187mm
Angle of approach (degrees)	28.8
Angle of departure (degrees)	20.9
Step-in height Front/rear	18.9/18.9 479.1mm/481mm
Cargo area liftover height (inches)	31.1
Coefficient of Drag (Cd)	0.35

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Flush-mounted High Intensity Discharge (HID) bi-functional projector headlights (high/low beam), automatic on-off	S	
Adaptive Front lighting System (AFS)	O	S
Chrome door handles, side window moldings	S	
Rear center high-mount LED stoplight (CHMSL)	S	
Body-color front and rear bumpers	S	
Front fog lights	S	
UV-reducing solar glass on front windows, privacy glass on rear windows and liftgate glass	S	
Power-folding, heated outside mirrors with courtesy lights	S	
Front grille	Chrome	Dark Chrome
One-touch auto open/close power glass tilt/slide moonroof w/ auto reverse and sliding shade and Power rear liftgate	S	
Aluminum doors and hood	S	
Aluminum roof rails	S	-
Aluminum roof rails with graphite finish	-	S

INTERIOR DIMENSIONS (inches)	Front	Rear
Head room (with moonroof)	39.3/998.2mm	38.5/976.9mm
Shoulder room	57.3/1455mm	57.4/1458.8mm
Hip room	54.9/1394.4mm	54.2/1377.4mm
Leg room	44.7/1136mm	34.6878.5mm

INTERIOR FEATURES AND OPTIONS	QX70 3.7	QX70 3.7 Sport Sport
Infiniti Intelligent Key	S	
Bluetooth® Hands-free Phone System	S	
Leather-appointed seats	S	
Quilted leather-appointed seats	S	S
Sport-style front seats	S	
8-way power adjustable front seats	S	S
Climate-controlled	S	S
2-way power driver's lumbar support	S	S
Manual thigh extensions	S	
Power bolster support	S	
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		
Power tilt/telescoping	S	S
Leather-wrapped	S	
Solid-magnesium paddle shifters	S	
Maple interior accents	O	

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Black lacquer interior trim	S	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	S
Infiniti Hard Drive Navigation System with 8.0-inch WVGA color touch-screen display, Voice Recognition, XM NavTraffic® and streaming audio via Bluetooth® wireless technology	O	S

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

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COMFORT AND CONVENIENCE FEATURES	QX70 3.7	QX70 3.7 Sport
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	O	S
Intelligent Cruise Control (Full-Speed Range)	O	O
Distance Control Assist (DCA)	O	O
Rain-sensing front windshield wipers	O	O
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		S
Illuminated power window, steering wheel and door lock switches		S
Front door pockets		S
Dual Zone Automatic Temperature Control		S
Center console with dual-level storage and overhead storage for sunglasses		S
Intelligent Key		S
Lockable glove box		S
Front (2) and rear (2) cup holders		S
Speed-sensitive variable intermittent front windshield wipers, rear intermittent wiper with washer		S
Front and rear outboard height adjustable head restraints		S
SAFETY AND SECURITY FEATURES	QX70 3.7	QX70 3.7Sport
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		S
Roof-mounted curtain side impact supplemental air bags for outboard occupant head protection		S
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)		S
Seat belt reminder system (front)		S
Lower Anchors and Tethers for CHildren (LATCH) system		S
Front seat Active Head Restraints		S
Child safety rear door locks and power window lock-out button		S
Zone body construction with front and rear crumple zones		S
Slide-away brake pedal assembly		S
Break-away rear engine mount		S
Collapsible propeller shaft		S
High-strength side-door guard beams		S

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Shift Interlock System	S
Vehicle Security System	S
Energy-absorbing steering column	S
Infiniti Vehicle Immobilizer System	S
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS) with individual tire display	S
Front Pre-Crash Seat Belts	O

INSTRUMENTATION	QX70 3.7	QX70 3.7 Sport
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	S	
Low fuel, oil pressure and door ajar-warning lights	S	
Compass in mirror – LED digital (w/o Navigation System)	S	

CAPACITIES	QX70
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	90L
Engine oil	4.9L
Engine coolant	9.2L
Maximum towing capacity (lbs)	3,500lbs/1588kg

CURB WEIGHTS	QX70
Curb weight – front	2307lbs/1046kg
Curb weight – rear	2079lbs/943kg
Curb weight – total	4386lbs/1989kg
Weight distribution (% fr/rr)	53/47
GVWR	5519lbs/2503kg

FUEL ECONOMY (Actual mileage may vary)	QX70
City L/100km	14.6
Highway L/100km	10.7
Combined	12.8

PACKAGES AND OPTIONS	QX70 3.7	QX70 3.7 Sport
Technology Package: Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Lane Departure Warning (LDW) system and	O (requires Navigation & Deluxe Touring)	O (AFS already standard on QX70 3.7 Sport)

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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		
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O – Optional

S – Standard