

2016 Infiniti QX70

Technical Specifications Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	
Type	VQ37VHR DOHC 24-valve with Variable Valve Event & Lift (VVEL)
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum / aluminum
Displacement	3.7 liters
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
Maximum engine speed (rpm)	7,500 rpm
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
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 AWD	QX70
Drive configuration		Front engine/ all-wheel drive	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	
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	3.357
Traction Control System (TCS)		S	
Vehicle Dynamic Control (VDC) w/off switch		S	

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BODY, SUSPENSION AND STEERING	QX70 AWD	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 AWD	QX70
Front: Vented disc (inches) 12.6 x 1.3	S	
Rear: Vented disc (inches) 12.1 x 0.6	S	
Electronic Brake force Distribution (EBD)	S	
Brake Assist		
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		
Preview Braking	O	

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

EXTERIOR DIMENSIONS (inches)	QX70 AWD	QX70
Wheelbase	113.6	
Overall length	191.3	
Overall width	75.9	
Overall height (without / with roof rails)	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)	0.35	

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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)		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		
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		
Outside mirrors with reverse tilt-down feature		P
Dark finish front grille with dark finish upper and lower surrounds		P
Dark finish fog lamp surrounds, outside mirror housings		P
Dark tinted side air vents and lower side moldings		P
Dark finish roof rails		P
Dark finish upper and lower trunk finishers		P
Red "S" badge on rear hatch		P
100-lb weight rated roof rails		P

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

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INTERIOR FEATURES AND OPTIONS	QX70 AWD	QX70
Infiniti Intelligent Key		S
Bluetooth® Hands-free Phone System		S
Leather-appointed seats		S
Quilted leather-appointed seats		P
Sport-style front seats		P
8-way power adjustable front seats		S
2-way power driver's lumbar support		S
Climate-controlled		P
Manual thigh extensions		P
Power bolster support (4-way)		P
Dual-occupant memory system for driver's seat, outside mirrors and steering wheel		P
60/40-splitfolding and reclining rear seat with fold-down center armrest		S
Steering wheel		
Manual tilt/telescoping		S
Power tilt/telescoping		P
Leather-wrapped		S
Solid-magnesium paddle shifters		P
Aluminum pedal accents		P
Maple interior accents		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
Contrasting stitching for steering wheel, shifter boot, front and rear seats, arm rests, inside door pulls		P
Dark color headliner		P
Tonneau cover		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) and Streaming Audio via Bluetooth® wireless technology		P

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AUDIO SYSTEM	QX70 AWD	QX70
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		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 AWD	QX70
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		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		
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 AWD	QX70
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 air bags with rollover sensor 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	
Intelligent Brake Assist (BA) with Forward Collision Warning (FCW)		

INSTRUMENTATION	QX70 AWD	QX70
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 AWD	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 (gal.)	23.8	
Engine oil (qts.)	5.2	
Engine coolant (liters)	9.7	
Maximum towing capacity (lbs)	2,000	–

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

EPA MILEAGE ESTIMATES (Actual mileage may vary)	QX70 AWD	QX70
City	16	17
Highway	22	24
Combined	18	19
EPA Size	Small SUV	

PACKAGES AND OPTIONS	QX70 AWD	QX70
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); 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 (MOD) 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	0	0
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	0	0

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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 Package: 21x9.5-inch Enkei 6-spoke, dark finish aluminum-alloy wheels with 265/45R21 V-rated all-season tires; dark finish front grille with dark finish upper and lower surrounds, dark finish outside mirror housings, dark finish side air vents, dark finish lower side moldings, dark finish roof rails, dark finish upper and lower trunk finishers; contrasting stitching for steering wheel, shifter boot, front and rear seats, armrests and inside door pulls; climate-controlled front seats; driver and front passenger sport style seats with manual thigh extensions; driver's seat with power bolster adjustment (4-way); solid magnesium paddle shifters; aluminum pedals; dark color headliner; red "S" badge on rear hatch; Adaptive Front lighting System (AFS) with auto-leveling headlights	O	O

O – Optional
S – Standard
P – Included in Package