

2016 Infiniti QX50

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	
Type	VQ37VHR 24-valve
Orientation	Longitudinal
Cylinders / configuration	V6 with resin-coated pistons
Block / head composition	Aluminum-alloy / Aluminum-alloy
Displacement	3.7 liters / 3696 cc
Horsepower	325 @ 7,000 rpm
Torque (lb-ft)	267 @ 5,200 rpm
Bore x stroke (mm)	95.5 x 86.0
Compression ratio (:1)	11.0
Maximum engine speed	7,500 rpm
Induction system	Sequential multi-port electronic fuel injection
Valvetrain	4 valves per cylinder with continuous valve timing control
Recommended fuel	Premium unleaded
Emissions system	Stainless steel
Exhaust	Single system with two flexible couplings

ELECTRICAL	
Electronic ignition system	S
Starter rating	12 volt
Alternator	12V – 130 AMP

DRIVETRAIN	QX50	QX50 AWD
Drive configuration		
Rear-wheel drive	S	-
Intelligent All-Wheel Drive	-	S
Transmission type	7-speed electronically controlled automatic overdrive transmission with manual shift mode and Downshift Rev Matching	
Snow Mode function	S	
Gear ratios (:1)		
1st	4.923	
2nd	3.193	
3rd	2.042	
4th	1.411	
5th	1.000	
6 th	0.862	
7th	0.771	
Reverse	3.972	
Final drive ratio (:1)	3.133	

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BODY, SUSPENSION AND STEERING	QX50	QX50 AWD
Body type	Corrosion resistant and high strength steel unibody construction, aluminum-alloy hood	
Front suspension	Subframe-mounted independent double-wishbone, aluminum-alloy upper and lower links, twin-tube shock absorbers, stabilizer bar (27.2 mm)	
Rear suspension	Independent multi-link design, aluminum-alloy upper and lower links and axle housing, twin-tube shock absorbers, stabilizer bar (22.2 mm)	
Steering type	Vehicle-speed-sensitive variable assist	
Steering ratio (:1)	17.1	16.8
Turning diameter (curb-to-curb) (ft.)	37.2	38.8
Turns (lock-to-lock) 18-in. wheels	3.06	2.85
Steering wheel	3-spoke leather-wrapped	
Manual tilt	S	
Manual telescopic	S	
Power tilt	O	
Power telescopic	O	
2-driver memory	O	
Cruise control/audio switches	S	
Bluetooth® switches	S	

BRAKES	QX50	QX50 AWD
Front: 12.6-inch x 1.3-inch power-assisted, vented disc	S	
Rear: 12.1-inch x 0.6-inch power-assisted vented disc		
Electronic Brake force Distribution (EBD) and Brake Assist (BA)		
4-channel/4-sensor/4-wheel Anti-lock Braking System (ABS)		
Intelligent Brake Assist (IBA)	O	

WHEELS AND TIRES	QX50	QX50 AWD
Wheels		
18-inch 8-spoke aluminum-alloy, metallic finish	S	
19-inch split 5-spoke aluminum-alloy	O	
Tires		
225/55R18 all-season	S	
245/45R19 all-season	O	
Spare tire T165/80D17 (under cargo floor)	S	

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EXTERIOR FEATURES AND OPTIONS	QX50	QX50 AWD
Halogen headlights with auto on/off		S
Xenon HID headlights with auto on/off and integrated LED fog lights		O
Adaptive Front lighting System (AFS)		O
Body-color power-folding outside mirrors		S
Heated outside mirrors		S
Driver's side courtesy lights		S
Reverse tilt-down mirror		O
Body-color front and rear bumpers		S
Chrome grille, side window moldings and door handles		S
Laminated UV-reducing windshield		S
One-touch power sliding tinted glass moonroof with tilt feature, sliding sunshade and one-touch open/close		S
Aluminum roof rails		O

EXTERIOR DIMENSIONS (inches unless noted otherwise)		QX50	QX50 AWD
Wheelbase		113.4	
Overall length		186.8	
Overall width		71.0	
Overall height	without roof rails	62.7	
	with roof rails	63.5	
Front track width		60.4	
Rear track width		61.0	
Minimum ground clearance		6.9	6.5
Coefficient of drag (Cd)		0.33	
Angle of approach (degrees)		18.2	17.9
Angle of departure (degrees)		20.7	20.8
Breakover angle (degrees)		16.1	16.0
Trunk liftover height		29.2	
Step-in height front/rear		16.2/16.2	

INTERIOR DIMENSIONS (inches)	Front	Rear
Head room	38.7	37.7
Shoulder room	54.8	55.0
Hip room	52.9	49.4
Knee room	26.2	25.5
Leg room	44.3	35.3

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INTERIOR FEATURES AND OPTIONS	QX50	QX50 AWD
Leather-appointed seats		S
Driver's seat	8-way power, man. lumbar	S
	2-way power lumbar	O
	2-driver memory	O
	Heated	S
	Auto entry/exit assist	O
Passenger's seat	4-way power	S
	8-way power	O
	Heated	S
Rear bench seat	60/40 split, fold-down seatbacks	
	Power remote up-folding	O
Aluminum accents		S
Maple interior accents		O
Single sun visors with illuminated vanity mirrors and extenders		S
Full-color Vehicle Information System	w/ 7-inch display	
Trip computer		S
HomeLink® Universal Transceiver		O
Infiniti Navigation System		O
Dual Zone Automatic Temperature Control (ATC)		S
Advanced Climate Control System (ACCS)		O
Rear heating ducts under front seats		S
Rear HVAC vents		S

AUDIO SYSTEM	QX50	QX50 AWD
6-speaker AM/FM/CD w/ auxiliary audio/video input jacks		S
USB connection port for iPod® and other compatible devices		S
11-speaker Bose® Premium Audio System with 2 subwoofers, AM/FM/CD-DVD		O
Streaming Audio via Bluetooth®		O
Voice Recognition (VR)		O
SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)		S

COMFORT AND CONVENIENCE FEATURES	QX50	QX50 AWD
Cruise control with steering wheel switches		S
Distance Control Assist (DCA)		O
Intelligent Cruise Control (Full-Speed Range)		O
Power windows with front one-touch auto-up/down with auto reverse feature		S
RearView Monitor		S
Around View® Monitor (AVM) with Front and Rear Sonar System		O
Bluetooth® Hands-free Phone System		S
Infiniti Intelligent Key with Push-Button Ignition		S

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Dual-level locking front seat center console w/ armrest, 2 cup holders, CD storage and 12-volt DC power outlet	S
2 nd row center folding armrest	S
Coat hanger on headrest	O
Cupholders	4
12-volt outlets	2
Locking glove compartment	S

CAPACITIES	
Seating capacity	5
Passenger compartment volume (cubic feet)	115.4
Cargo volume (cubic feet, w/2 nd row seats up)	18.6
Fuel tank (gals.)	20.0
Engine oil (qts.)	5.1
Engine coolant (qts.)	9.6

CURB WEIGHTS		QX50	QX50 AWD
Curb weight (lbs.)	Front	2,025	2,171
	Rear	1,830	1,849
	Total	3,855	4,020
Weight distribution (% fr/rr)		53/47	54/46
GVWR (lbs.)		4,883	5,071

EPA MILEAGE ESTIMATES (Actual mileage may vary)		QX50	QX50 AWD
City		17	17
Highway		24	24
Combined		20	20

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SAFETY AND SECURITY FEATURES	QX50	QX50 AWD
Lane Departure Warning (LDW)/Lane Departure Prevention (LDP)	O	
Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW)	O	
Infiniti Advanced Air Bag System (AABS), front seat-mounted side impact supplemental air bags, roof-mounted curtain side impact supplemental air bags	S	
Front-seat Active Head Restraints		
3-point ALR/ELR (driver ELR only) front seat belts with pretensioners and load limiters and adjustable upper anchors		
3-point rear seat belts (ALR/ELR all positions)		
Shift interlock system		
Hood buckling creases and safety stops		
Zone body construction with front and rear crumple zones		
Child safety rear door locks		
Lower Anchors and Tethers for CHILDREN (LATCH)		
Power window lockout button		
Steering wheel lock		
Remote keyless entry system		
Vehicle Security System		
Infiniti Vehicle Immobilizer System		
Vehicle Dynamic Control (VDC) with Traction Control System (TCS)		

PACKAGES AND OPTIONS	QX50	QX50 AWD
Premium Package: Bose® Premium Audio System with 11 speakers, including 2 subwoofers; Advanced Climate Control System (ACCS) with Plasmacluster® air purifier; dual occupant memory system for driver's seat, outside mirrors and steering wheel; entry/exit assist for driver's seat and steering wheel; outside mirrors with reverse tilt-down feature; auto-dimming inside mirror with HomeLink® Universal Transceiver; Maple interior accents; power tilt and telescopic steering column; aluminum roof rails	O	O

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Premium Plus Package: Infiniti Navigation System with color touch-screen display, Lane Guidance and 3-D building graphics, NavTraffic® with Real-Time Traffic Information, NavWeather™ with Real-Time Weather Information and 3-day forecast (SiriusXM subscription required, sold separately), Infiniti Voice Recognition for audio and navigation, Streaming Audio via Bluetooth® wireless technology; Around View® Monitor (AVM); Front and Rear Sonar System	O (Req. Premium Package)	O (Req. Premium Package)
Deluxe Touring Package: 19-inch split 5-spoke aluminum-alloy wheels with 245/45R19 all-season performance tires; High Intensity Discharge (HID) xenon headlights; Adaptive Front lighting System (AFS) with auto-leveling headlights; 2-way power driver's seat lumbar support; coat hanger on driver's seat head restraint; 8-way power passenger's seat; power up-folding 2 nd row seats; meter hood with premium stitching	O (Req. Premium Package)	O (Req. Premium Package)
Technology Package: Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Intelligent Cruise Control (Full-Speed Range); Distance Control Assist (DCA); Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Blind Spot Warning (BSW)	O (Req. Deluxe Touring Pkg.)	O (Req. Deluxe Touring Pkg.)

O – Optional

S – Standard

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