

2017 INFINITI QX80

Technical Specifications, Features and Options

Assembly Plant Location: Kyushu, Japan

ENGINE	
Type	VK56VD
Orientation	Longitudinally-mounted
Cylinders / configuration	V8
Block / head composition	Aluminum / aluminum
Displacement	5.6 liters
Horsepower	400 @ 5,800 rpm
Torque	413 lb-ft @ 4,000 rpm
Bore x stroke (mm)	98 x 92
Compression ratio (:1)	11.2
Maximum engine speed	6,000 rpm
Induction system	Naturally aspirated
Valvetrain	DOHC 32-valve; silent chain, single stage
Fuel delivery system	Direct Injection Gasoline™ (DIG)
Mounts	2 solid (side), 1 solid (rear)
Recommended fuel	Premium unleaded
Emission certification level	Tier2-Bin 5 / LEV2-LEV
Exhaust	Single exit/main and secondary mufflers

ELECTRICAL	
Electronic ignition system	S
Starter rating 12 volt	
150 amp alternator	
Battery Amp-hour rating; 82Ah	S
Trailer towing – 7 pin trailer harness plug with connector	

TRANSMISSION AND DRIVE SYSTEM		2WD	AWD
Drive configuration		2WD	AWD
Transmission type		Automatic; 7-speed with manual shift mode, Adaptive Shift Control, Downshift Rev Matching (DRM)	
Automatic transmission oil cooler		S	
Gear ratios (:1)			
	1st	4.887	
	2nd	3.170	
	3rd	2.027	
	4th	1.412	
	5th	1.000	
	6th	0.864	
	7th	0.775	
Transfer case / crawl ratios			
4WD high		-	1.0
4WD low		-	2.7
Crawl ratio: 1st		-	38.5
Crawl ratio: 2nd		-	24.9
Crawl ratio: reverse		-	31.8
Final drive ratio (:1)		2.937	

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Vehicle Dynamic Control (VDC)	S	
Traction Control System (TCS)	S	
2- or 4-wheel active brake limited slip (ABLS)	S (2-wheel)	S (4-wheel)
Snow-mode function	S	
Hill Start Assist	S	
Tow Mode function	S	

BODY/CHASSIS	
Body type	Body-on-frame
Primary materials	Corrosion-resistant and high-strength steel
Class IV trailer hitch	S
Skid plate	Radiator S

BRAKES	
Front: Vented disc 13.78 x 1.18 in.	S
Rear: Vented disc 13.78 x 0.79 in.	
4-wheel disc brakes	
4-wheel Anti-lock Braking System (ABS)	
4 channels/4 sensors	
Brake Assist	
Electronic Brake force Distribution (EBD)	

SUSPENSION AND STEERING	2WD	4WD	Limited
Front suspension	Double-wishbone		
Front stabilizer bar (vehicles without Hydraulic Body Motion Control system)	S (36 mm)		
Rear suspension	Double-wishbone		
Rear stabilizer bar (vehicles without Hydraulic Body Motion Control system)	S (26.5 mm)		
Auto leveling rear suspension	S		
Hydraulic Body Motion Control system (deletes stabilizer bar)	O	O	S
Dual-Flow Path® twin-tube shock absorbers	S		
Steering type	Rack-and-pinion		
Engine-speed sensitive power-assist	S	S	-
Vehicle-speed-sensitive power-assist	O	O	S
Steering ratio (:1)	19.7		
Turns (lock-to-lock)	3.5		
Turning diameter (curb-to-curb)	41.6 ft		

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WHEELS AND TIRES	2WD	4WD	Limited
Wheels			
20 x 8.0-inch split 6-spoke aluminum-alloy wheels	S	S	-
22 x 8.0-inch 14-spoke forged aluminum-alloy wheels	O	O	-
22 x 8.0-inch 14-spoke dark finish forged aluminum-alloy wheels	-	-	S
Tires			
275/60R20 all-season tires	S		
275/50R22 all-season tires	O – QX80; S – QX80 Limited		
Full-Size spare tire and alloy wheel 275/60R20 all-season	S		
Location	Behind rear axle		
Tire Pressure Monitoring System (direct sensor type) with Tire Inflation Indicator	S		

EXTERIOR DIMENSIONS (inches)	
Wheelbase	121.1
Overall length	208.9
Overall width	79.9
Overall height w/ roof rack	75.8
Front track width	67.5
Rear track width	67.9
Angle of approach (degrees)	20.9
Angle of departure (degrees)	22.3
Ramp angle (degrees)	20.7
Ground clearance (inches)	9.2
Step in height – 1 st row	22.4
Step in height – 2 nd row	22.8
Coefficient of drag (with roof rails)	0.36

EXTERIOR FEATURES AND OPTIONS	2WD	4WD	Limited
Body color front and rear bumpers, center section	S		
Chrome grille, door handles and window moldings	S		
Dark chrome exterior trim, A-pillar covers, darkened headlight and taillight inner lens,	-	-	S
Headlights			
Automatic on/off with High Beam Assist	S	S	S
LED high/low beam – signature design	S	S	S
LED fog lights	S	S	S
Windshield Wiper Interlock	S	S	S
Adaptive Front lighting System (AFS) w/auto-leveling headlights	O	O	S
Headlight washers	O	O	S
Glass	UV-reducing, noise-insulated		
Windshield	UV-reducing, noise-insulated		
Driver and front passenger windows	UV-reducing, noise-insulated		
Rear door glass	Dark privacy glass		

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	Rear quarter windows Rear liftgate	Dark privacy glass Dark privacy glass
Wipers	Front windshield Rear liftgate	Rain-sensing, variable intermittent Intermittent with washer

Outside mirrors	Power folding	S		
	Heated	S		
	Power adjust	S		
	Reverse tilt-down feature	S		
	Integrated LED turn signals	S		
	Courtesy lamps	S		
	Auto dimming	S		
Body-color running boards with integrated front and rear body-color splash guards		S	S	-
Stainless steel running board caps with rubber inserts, under running board welcome lighting		-	-	S
Roof rack	Roof rails	S	S	-
	Cross bars	Accessory	Accessory	S
	Dark chrome roof rails	-	-	S
Power sliding tinted glass moonroof with one-touch open/close		S		
Power rear liftgate		S		

INTERIOR DIMENSIONS (inches)	
First row	
Head room with sunroof	39.9
Shoulder room	63.8
Hip room	59.2
Leg room	39.6
Second row	
Head room	40.0
Shoulder room	63.5
Hip room	58.4
Leg room	41.0
Third row	
Head room	36.8
Shoulder room	60.5
Hip room	48.8
Leg room	28.8

INTERIOR FEATURES AND OPTIONS	2WD	4WD	Limited
10-way power driver's seat, including 2-way power lumbar support		S	
8-way power passenger's seat, including 2-way power lumbar support		S	
Leather-appointed seats		S	
Semi-aniline leather-appointed seats	O	O	S
Driver and front passenger Active Head Restraints		S	

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Dual occupant memory for driver's seat, steering wheel and outside mirrors, linked to individual Intelligent Keys	S		
Entry/exit assist for driver's seat and steering wheel	S		
Heated front row seats	S		
2 nd row captain's chairs with tip-up easy entry for 3 rd row	S		
Remote tip-up 2 nd row seats for easy 3 rd row entry/exit	O	O	S
Heated 2 nd row seats (outboard)	O	O	S
Fold-flat 2 nd and 3 rd row seats	S		
Driver and front passenger seat back pockets	S		
Power 60/40-split fold-flat and reclining 3 rd row bench seat	S		
9 cup holders and 4 bottle holders	S		
12V power points: 2 I/P mounted, 1 in rear of front center console, 1 in cargo-area luggage trim panel	S		
120V outlet in rear of front center console	O	O	S
Steering wheel: 4-spoke Mocha Burl and leather-wrapped w/ illuminated cruise control and audio switches, power tilt and telescopic adjustment; heated	S		
Truffle Brown semi-aniline leather-appointed interior with unique seat quilting, Ultrasuede headliner and A/B/C-pillars, leather-covered grab handles and open pore matte finish Ash wood trim	-	-	S

INSTRUMENTATION	
Fine Vision electroluminescent meter gauges	S
Speedometer	
Tachometer	
Engine temperature	
Oil pressure	
Voltage	
Tire pressure warning	
Shift position indicator	
Tire pressure display in vehicle info screen	
4WD indicator/warning	S on AWD

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AUDIO SYSTEM	2WD	4WD	Limited
Bose® 13-speaker Premium Audio System, including two subwoofers, AM/FM radio, single in-dash CD player with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control	S	S	-
Bose® Cabin Surround® Sound System with digital 5.1 decoding and 15 speakers	O	O	S
Streaming Audio via Bluetooth® wireless technology	S		
USB connection port for iPod® interface and other compatible devices	S		
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	S		
Auxiliary audio/video input jacks in front console	S		
Illuminated steering wheel Audio controls: Cruise control	S		
Antennas: In-glass audio and diversity Body-color satellite radio	S		
Theater Package with dual 7.0-inch color monitors, 2 sets of wireless headphones, remote control, auxiliary audio/video input jacks, 120V power outlet	O	O	S

COMFORT AND CONVENIENCE FEATURES	2WD	4WD	Limited
Power windows with one-touch auto/up down with auto-reverse feature	S		
Power door locks with illuminated switches, with anti-lockout feature and automatic locking			
Remote keyless entry – operates locks, windows, rear liftgate			
Mild-flow vent located on upper instrument panel, rear seat heater ducts under front seats			
Bluetooth® Hands-free Phone System			
Power tilt and telescopic steering column			
Front center console with adjustable armrest, storage compartment and 12-volt outlet			
2 nd row center console armrest with two storage compartments			
Auto-dimming rearview mirror with HomeLink® Universal Transceiver			
Sequential welcome lighting illuminated entry system and ambient light			
Fine Vision electroluminescent gauges			
8-inch color touch-screen display			
INFINITI analog clock			
INFINITI Intelligent Key with illuminated Push Button Ignition			

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Cruise control with steering wheel-mounted switches			
INFINITI Navigation System with Lane Guidance and 3D building graphics			
INFINITI Voice Recognition for audio, navigation and vehicle information systems			
NavTraffic with Real-Time Traffic Information (SiriusXM® subscription required, sold separately)			
NavWeather with Real-Time Weather and 3-day forecast (SiriusXM® subscription required, sold separately)			
Around View® Monitor with Front and Rear Sonar System and Moving Object Detection (MOD)			
Tri-Zone Automatic Temperature Control system with microfilter	S	S	-
Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster® air purifier, Grape Polyphenol filter	O	O	S
Intelligent Cruise Control (Full-Speed Range)	O	O	S
Distance Control Assist (DCA)	O	O	S
Forward Emergency Braking with pedestrian detection	O	O	S
Blind Spot Warning (BSW)	O	O	S
Predictive Forward Collision Warning (PFCW)	O	O	S
Backup Collision Intervention (BCI)	O	O	S
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O	O	S

CAPACITIES	
Seating capacity	7 - with 2 nd row captain chairs 8 - with optional 2 nd row bench seat
Total interior volume – pass. plus cargo (cu. ft.)	167.9
Cargo volume – behind 3 rd row (cu. ft.)	16.6
Fuel tank (gals.)	26.0
Engine oil (qts.)	8.0
Engine coolant (qts.)	15.6
Maximum towing capacity (lbs.)	8,500
Maximum tongue weight (lbs.)	850

CURB WEIGHTS		2WD	4WD	Limited 4WD
Curb weight (lbs.)	Front	2,857	3,047	3,047
	Rear	2,787	2,841	2,841
	Total	5,644	5,888	5,888
Weight distribution		51/49	52/48	52/48
GVWR (lbs.)		7,300	7,500	7,500

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EPA MILEAGE ESTIMATES (actual mileage may vary)	2WD	4WD	
City	14	13	13
Highway	20	19	19
Combined	16	15	15
EPA Size Class	SUV		

SAFETY AND SECURITY FEATURES	2WD	4WD	Limited
INFINITI Advanced Air Bag System (AABS) dual-stage supplemental front air bags with seat belt and occupant classification sensors	S		
Driver and front passenger seat-mounted side-impact supplemental air bags (SRS)			
Roof-mounted side-impact supplemental curtain air bags with rollover sensor for outboard occupant head protection for all three rows			
Front seatbelt pretensioners and load limiters			
Vehicle Dynamic Control (VDC) with Traction Control System (TCS)			
Front seat Active Head Restraints			
Tire Pressure Monitoring System (TPMS) with individual tire pressure display and Tire Inflation Indicator			
LATCH System (Lower Anchors and Tethers for CHildren) (outboard positions only for vehicles with Optional 2 nd Row Bench Seat)			
Power door locks with automatic locking system and child safety rear door locks			
INFINITI Vehicle Immobilizer System			
Vehicle Security System			
Auto Hazard Warning Signal			
Energy-absorbing steering column			
Zone Body construction w/ front and rear crumple zones			
Hood-buckling creases			
Knee bolsters			
Shift interlock system			
Body side reinforcements			
Front Pre-Crash Seat Belts	0	0	S

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PACKAGES AND OPTIONS	
Driver Assistance Package: Backup Collision Intervention (BCI), Blind Spot Warning (BSW), Intelligent Cruise Control (Full-Speed Range), Distance Control Assist (DCA), Forward Emergency Braking with pedestrian detection, Predictive Forward Collision Warning (PFCW), steering wheel switch for Safety Shield Technologies, Blind Spot Intervention® (BSI), Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O
Theater Package: Dual 7-inch color monitors, two wireless headphones, wireless remote control, auxiliary audio/video input jacks, 120V power outlet, heated 2 nd row seats (outboard only), remote tip-up 2 nd row seats for easy 3 rd row entry/exit	O (requires Driver Assistance Package)
22-inch Wheel Package: 22x8.0-inch 14-spoke forged aluminum-alloy wheels, 275/50R22 all-season performance tires	O (requires Driver Assistance Package)
Split Bench Seat Package: 2 nd row split bench seat with 60/40-split folding, center armrest with two cupholders (replaces 2 nd row Captain's Chairs and 2 nd row center console)	O (requires Driver Assistance Package))
Deluxe Technology Package: Chrome mirror caps, Adaptive Front lighting System (AFS) with auto-leveling headlights, headlight washers, semi-aniline leather-appointed seating, Bose® Cabin Surround® Sound System with digital 5.1 decoding and 15 speakers, Hydraulic Body Motion Control system, Climate-controlled front seats, Stratford Burl trim, Advanced Climate Control System (ACCS) with auto circulation, Plasmacluster® air purifier, Grape Polyphenol filter, 2 nd row footwell courtesy, Front Pre-Crash Seatbelts	O (requires 22-inch Wheel Package and Theater Package)
Signature Edition: Saddle Tan high contrast interior color, chrome mirror caps, unique 22x8.0-inch forged aluminum-alloy wheels, 275/50R22 H-rated all-season performance tires	O (includes Driver Assistance Package and Split Bench Seat Package)

Note: No options offered with QX80 4WD Limited

S – Standard **O** – Optional

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