

2019 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 (5,552 cc)
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 (EPA) / LEV2-LEV (CARB)
Exhaust	Single exit/main and secondary mufflers

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

TRANSMISSION AND DRIVE SYSTEM		AWD
Drive configuration		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)		
	1 st	4.887
	2 nd 3 rd	3.170
	4 th	2.027
	5 th	1.412
	6 th	1.000
	7 th	0.864
		0.775
	Reverse	4.041
Transfer case / crawl ratios		

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4WD high	1.0
4WD low	-
Crawl ratio: 1st	2.7
Crawl ratio: 2nd	38.5
Crawl ratio: reverse	24.9
	31.8
Final drive ratio (:1)	2.937
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
4-wheel active brake limited slip (ABLS)	
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 (under radiator)	S

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

SUSPENSION AND STEERING	LUXE	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	S
Dual-Flow Path® twin-tube shock absorbers	S	
Steering type	Rack-and-pinion	
Engine-speed sensitive power-assist	S	-
Vehicle-speed-sensitive power-assist	O	S

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Steering ratio (:1)	19.0	
Turns (lock-to-lock)	3.5	
Turning diameter (curb-to-curb)	41.3 ft / 12.5m	
WHEELS AND TIRES	LUXE	LIMITED
Wheels		
20 x 8.0-inch aluminum-alloy wheels	S	-
22 x 8.0-inch forged aluminum-alloy wheels	O	-
22 x 8.0-inch unique, dark-finished forged aluminum- alloy wheels	-	S
Tires		
275/60R20 all-season tires	S	-
275/50R22 all-season tires	O	S
Full-Size spare tire and alloy wheel	S	-
Temporary 20-inch wheel	O	S
275/60R20 all-season tire	S	S
Location	Behind rear axle	Behind rear axle
Tire Pressure Monitoring System (direct sensor type) with Tire Inflation Indicator	S	

EXTERIOR DIMENSIONS (inches)	
Wheelbase	3,075 mm (121.1 inches)
Overall length	5,339 mm (210.2 inches)
Overall width	2,030 mm (79.9 inches)
Overall height w/ roof rack	1,925 mm (75.8 inches)
Front track width	1,714 mm (67.5 inches)
Rear track width	1,724 mm (67.9 inches)
Angle of approach (degrees)	20.9
Angle of departure (degrees)	22.3
Ramp angle (degrees)	20.7
Ground clearance (inches)	233 mm (9.2 inches)
Step in height – 1 st row	568 mm (22.4 inches)
Step in height – 2 nd row	579 mm (22.8 inches)
Coefficient of drag (with roof rails)	0.367

EXTERIOR FEATURES AND OPTIONS	LUXE	LIMITED
Body color front and rear bumpers, center section	S	
Unique front and rear bumper lower finisher	-	S
Chrome grille, door handles and window moldings	S	-
Satin chrome exterior trim	-	S

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Headlights	Automatic on/off with High Beam Assist Twilight activation LED high/low beam – signature design LED fog lights Windshield Wiper Interlock Adaptive Front lighting System (AFS) w/auto-leveling headlights Headlight washers	S S S S S O O	S S S S S S S
Glass	Windshield Driver and front passenger windows	UV-reducing, noise-insulated UV-reducing, noise-insulated	
	Rear door glass Rear quarter windows Rear liftgate	Dark privacy glass Dark privacy glass Dark privacy glass	
Wipers	Front windshield Rear liftgate	Rain-sensing, variable intermittent Intermittent with washer	

Outside mirrors	Power folding Heated Power adjust Reverse tilt-down feature Integrated LED turn signals Courtesy lamps Auto dimming Body color mirror caps Chrome outside mirror caps	S S S S S S S S O	S S S S S S S S -
Body-color running boards with integrated front and rear body-color splash guards		S	-
Stainless steel running board cap with rubber grips		-	S
Under running board welcome lighting		-	S
Roof rack	Roof rails Cross bars	S Accessory	- -
Satin chrome roof rails and cross bars		-	S
Power sliding tinted glass moonroof with one-touch open/close		S	
Power rear liftgate Hatch closure assist		S	

INTERIOR FEATURES AND OPTIONS	LUXE	LIMITED
Wrapped upper instrument panel with contrast stitching	S	
INTERIOR DIMENSIONS INCHES (mm)		

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Front row	
Head room with sunroof	39.9 in(1,013mm)
Shoulder room	63.8 in(1,620 mm)
Hip room	59.2 in(1,503 mm)
Leg room	39.6 in(1,006 mm)
Rear Row	
Head room	40.0 in(1,015 mm)
Shoulder room	63.5 in(1,612 mm)
Hip room	58.4 in(1,483 mm)
Leg room	41.0 in(1,041 mm)

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	
Perforated semi-aniline premium leather-appointed seats	S	-
Unique design two-tone perforated semi-aniline premium leather and Alcantara leather-appointed seats with quilting and contrast piping and stitching	-	S
Driver and front passenger Active Head Restraints	S	
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 and cooled front seats	S	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	
60/40 split 2 nd row bench seat	O	-
Heated 2 nd row seats (outboard)	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	S
Black Ultrasuede® headliner and A/B/C pillars	-	S

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Leather-covered and stitched A/B pillar grab handles	-	S
Chrome inside door handle trim finishers	-	S
Matte silver, open pore Ash wood trim	-	S
“LIMITED” lettering wood inlay in center console shifter finisher	-	S
Unique high density floor mats with metal logo and cargo mat	-	S
Radiant illuminated kick plates	-	S
Front and 2 nd row seatback “LIMITED” name	-	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	S
4WD indicator/warning	S

AUDIO SYSTEM	LUXE	LIMITED
INFINITI InTouch™ single display		S
Bose® Cabin Surround® Sound System with digital 5.1 decoding and 15 speakers	S	S
Streaming Audio via Bluetooth® wireless technology		S
USB connection port for iPod® interface and other compatible devices – 4 total		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 8.0-inch color monitors, 2 sets of wireless headphones, remote control, auxiliary audio/video input jacks, 120V power outlet	S	S

COMFORT AND CONVENIENCE FEATURES	LUXE	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		

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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		
Cruise control with steering wheel-mounted switches		
INFINITI Navigation System with Lane Guidance and 3D building graphics		S
INFINITI Voice Recognition for audio, navigation and vehicle information systems		
NavTraffic with Real-Time Traffic Information (SiriusXM® subscription required, sold separately with 90 day complimentary trial access)		
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 micro filter		S
Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster® air purifier, Grape Polyphenol filter	O	S
Intelligent Cruise Control (Full-Speed Range)	O	S
Distance Control Assist (DCA)	O	S
Forward Emergency Braking with pedestrian detection		S
Blind Spot Warning (BSW)	O	S
Predictive Forward Collision Warning (PFCW)		S
Backup Collision Intervention (BCI)	O	S
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O	S
Smart Rear View Mirror	O	S

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CAPACITIES	
Seating capacity	7 - with 2 nd row captain chairs 8 - with optional 2 nd row bench seat
Total interior volume – pass. plus cargo (liters)	4756
Cargo volume – behind 3 rd row (cu. ft.)	16.6
Fuel tank (liters)	98.4
Engine oil (qts.)	6.9
Engine coolant (qts.)	17.2
Maximum towing capacity (lbs.(kg))	8,500 (3855)
Maximum tongue weight (lbs.(kg))	850 (385)

CURB WEIGHTS		4WD
Curb weight (lbs.(kg))	Front	3,080 (1397)
	Rear	2,846 (1290)
	Total	5,926 (2687)
Weight distribution		52/48
GVWR (lbs.(kg))		7385 (3349)

EPA MILEAGE ESTIMATES (actual mileage may vary)	4WD
City	17.4
Highway	12.2
Combined	15.1
EPA Size Class	SUV

SAFETY AND SECURITY FEATURES	
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	

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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	O

PACKAGES AND OPTIONS	LUXE	LIMITED
Split Bench Seat Package: 2 nd row split bench seat with 60/40-split folding, center armrest with two cup holders (replaces 2 nd row Captain's Chairs and 2 nd row center console)	O	S
ProACTIVE Package: 22 x 8.0-inch 18-spoke forged aluminum-alloy wheels Smart Rear View Mirror Front Pre-Crash Seatbelts Vehicle Speed-sensitive Power Steering Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster™ air purifier, Grape Polyphenol Filter Intelligent Cruise Control (ICC) (Full-Speed Range) Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) Distance Control Assist (DCA) Blind Spot Warning (BSW) and Blind Spot Intervention™ (BSI) Backup Collision Intervention (BCI) Hydraulic Body Motion Control system Adaptive Front lighting System (AFS) with auto-leveling headlights Chrome Mirror Caps	O	S

S – Standard O – Optional