

## MEDIA INFORMATION

### 2018 INFINITI QX80: Technical Specifications, Features and Options

ENGINE	
Type	VK56VD
Orientation	Longitudinally-mounted
Cylinders / configuration	V8
Block / head composition	Aluminum / aluminum
Displacement	5.6 litres (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	S
Trailer towing - 7 pin trailer harness plug with connector	

TRANSMISSION AND DRIVE SYSTEM	
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 <sup>st</sup>	4.887
	2 <sup>nd</sup>	3.170
	3 <sup>rd</sup>	2.027
	4 <sup>th</sup>	1.412
	5 <sup>th</sup>	1.000
	6 <sup>th</sup>	0.864
	7 <sup>th</sup>	0.775
	Reverse	4.041
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
Vehicle Dynamic Control (VDC)		S
Traction Control System (TCS)		S
4-wheel active brake limited slip (ABLS)		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 (8,500lbs)	S
Skid plate                                      Radiator	S

BRAKES	
Front: Vented disc 350 x 30 mm	S
Rear: Vented disc 350 x 20 mm	
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	
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	S (26.5 mm)

Motion Control system)	
Auto leveling rear suspension	S
Hydraulic Body Motion Control system (deletes stabilizer bar)	O
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
Steering ratio (:1)	19.0
Turns (lock-to-lock)	3.5
Turning diameter (curb-to-curb)	12.6 meters

WHEELS AND TIRES	
<b>Wheels</b>	
20 x 8.0-inch split 6-spoke aluminum-alloy wheels	S
22 x 8.0-inch 14-spoke forged aluminum-alloy wheels	O
<b>Tires</b>	
275/60R20 all-season tires	S
275/50R22 all-season tires	O
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 (mm)	
Wheelbase	3,075
Overall length	5,340
Overall width	2,030
Overall height w/ roof rack	1,925
Front track width	1,715
Rear track width	1,725
Angle of approach (degrees)	20.9
Angle of departure (degrees)	22.3
Ramp angle (degrees)	20.7
Ground clearance (mm/inches)	233
Step in height – 1 <sup>st</sup> row	569
Step in height – 2 <sup>nd</sup> row	579
Coefficient of drag (with roof rails)	0.36

EXTERIOR FEATURES AND OPTIONS	
Body colour front and rear bumpers, centre section	S
Chrome grille, door handles and window moldings	S
Headlights	
Automatic on/off with High Beam Assist	S
LED high/low beam – signature design	S
LED fog lights	S
Windshield Wiper Interlock	S
Adaptive Front lighting System (AFS) w/auto-leveling headlights	O
Headlight washers	S
Glass	
Windshield	UV-reducing, noise-insulated
Driver and front passenger windows	UV-reducing, noise-insulated
Rear door glass	Dark privacy glass
Rear quarter windows	Dark privacy glass

	Rear liftgate	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
Roof rack	Roof rails Cross bars	S Accessory
Power sliding tinted glass moonroof with one-touch open/close		S
Power rear liftgate		S

INTERIOR DIMENSIONS (mm)	
First row	
Head room with moonroof	1,012.7
Shoulder room	1,482.6
Hip room	1,503.4
Leg room	1,005.8
Second row	
Head room	1,015.2
Shoulder room	1,611.6
Hip room	1,482.6
Leg room	1,041.4
Third row	
Head room	934.1
Shoulder room	1,537.0
Hip room	1,240.0
Leg room	718.8

INTERIOR FEATURES AND OPTIONS	
Wrapped upper instrument panel with contrast stitching	S
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

Semi-aniline premium leather appointed seats	S
New shift knob and finisher, front and rear armrest stitching and quilting, door trim quilting 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 front row seats	S
2 <sup>nd</sup> row captain's chairs with tip-up easy entry for 3 <sup>rd</sup> row	S
Remote tip-up 2 <sup>nd</sup> row seats for easy 3 <sup>rd</sup> row entry/exit	S
Heated 2 <sup>nd</sup> row seats (outboard)	S
Fold-flat 2 <sup>nd</sup> and 3 <sup>rd</sup> row seats	S
Driver and front passenger seat back pockets	S
Power 60/40-split fold-flat and reclining 3 <sup>rd</sup> 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	S
Steering wheel: 4-spoke Mocha Burl and leather-wrapped w/ illuminated cruise control and audio switches, power tilt and telescopic adjustment; heated	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

AUDIO SYSTEM	
INFINITI InTouch™ single display	S
Bose® 13-speaker Premium Audio System, including two subwoofers, AM/FM radio, single in-dash	S

CD/DVD player with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control	
Bose® Cabin Surround® Sound System with digital 5.1 decoding and 15 speakers	S
Streaming Audio via Bluetooth® wireless technology	S
USB connection port for iPod® interface and other compatible devices – 4 total	S
SiriusXM® Satellite Radio (90 day complimentary trial access)	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
Rear entertainment system with dual 8.0-inch colour monitors, 2 sets of wireless headphones, remote control, auxiliary audio/video input jacks, 120V power outlet	S

COMFORT AND CONVENIENCE FEATURES	
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 <sup>nd</sup> row center console armrest with two storage compartments	
Auto-dimming rearview mirror with HomeLink® Universal Transceiver	
Sequential welcome lighting illuminated entry system and overhead ambient light	
Fine Vision electroluminescent gauges	
8-inch WVGA 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	
INFINITI Voice Recognition for audio, navigation and vehicle information systems	
Sirius XM® Traffic with Real-Time Traffic Information (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 microfilter	S
Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster® air purifier, Grape Polyphenol filter	O
Intelligent Cruise Control (Full-Speed Range)	O
Distance Control Assist (DCA)	O
Forward Emergency Braking with pedestrian detection	O
Blind Spot Warning (BSW)	O
Predictive Forward Collision Warning (PFCW)	O
Backup Collision Intervention (BCI)	O
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O
Smart Rear View Mirror	O

CAPACITIES	
Seating capacity	7 - with 2 <sup>nd</sup> row captain chairs 8 - with optional 2 <sup>nd</sup> row bench seat
Total interior volume – pass. plus cargo (litres.)	4,265
Cargo volume – behind 3 <sup>rd</sup> row ( litres)	470.1
Fuel tank (litres/gals.)	98.4/26.0
Engine oil ( litres)	6.6
Engine coolant (litres)	16.4
Maximum towing capacity (lbs./kg)	8,500/3856
Maximum tongue weight (lbs./kg)	850/385

CURB WEIGHTS		4WD
Curb weight (kg.)	Front	1401
	Rear	1296
	Total	2697



Weight distribution (%)		52/48
GVWR (kg.)		3350

NRC Estimated Fuel Consumption (L / 100km) 5-cycle (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 <sup>nd</sup> Row Bench Seat)	
Power door locks with automatic locking system and child safety rear door locks	
INFINITI Vehicle Immobilizer System	
Vehicle Security System (alarm)	
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	
<b>Technology Package:</b> 22 x 8.0-inch 18-spoke forged aluminum-alloy wheels with 275/50R22 H-rated all-season performance tires, Hydraulic Body Motion Control system, Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster™ air purifier, Grape Polyphenol Filter, Intelligent Cruise Control (Full-Speed Range), Front and Rear sonar sensors (4FR, 4RR), Active Trace Control, Eco Pedal, Lane Departure Warning (LDW) and Lane Departure Prevention (LDP), Blind Spot	

Warning (BSW) and Blind Spot Intervention (BSI), Front Pre-Crash Seatbelts, Adaptive Front Lighting System (AFS) with auto-leveling headlights, Backup Collision Intervention™ (BCI), Chrome Mirror Caps, Forward Emergency Braking with pedestrian detection, Predictive Forward Collision Warning (PFCW), Smart Rear View Mirror	

S - Standard O - Optional

Assembly Plant Location: Kyushu, Japan

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