

2016 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) | 10.8 |
| 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 | |
| Trailer towing - 7 pin trailer harness plug with connector | S |

| 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 | |
| Vehicle Dynamic Control (VDC) | | S | |

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| | | |
|--|-------------|-------------|
| 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 | | |
|--|-----------------------------|--|
| 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 | O (deletes stabilizer bars) | |
| Dual-Flow Path® twin-tube shock absorbers | S | |
| Steering type | Rack-and-pinion | |
| Power-assist | Engine speed-sensitive | |
| 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 | |
|--|----------------------------|
| Wheels | |
| 20 x 8.0-inch split 6-spoke aluminum-alloy wheels | S |
| 22 x 8.0-inch 14-spoke forged aluminum-alloy wheels | O |
| Dark chrome finish 22 x 8.0-inch aluminum-alloy wheels | S - QX80 Limited |
| Tires | |
| 275/60R20 all-season tires | S |
| 275/50R22 all-season tires | O - QX80; S - QX80 Limited |
| Full-Size spare tire and alloy wheel | 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 |

| EXTERIOR FEATURES AND OPTIONS | |
|--|------------------------------|
| 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 - QX80 Limited |
| 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 | O |
| 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 |

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| | | |
|--------|-----------------------------------|---|
| 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 | 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 caps with rubber inserts, under running board welcome lighting | | S - QX80 Limited |
| Roof rack | Side rails Cross bars Dark chrome roof rails | S Accessory S - QX80 Limited |
| 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 | |
|--|------------------|
| 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 | S - QX80 Limited |
| 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 |
| Heated 2 nd row seats (outboard) | O |
| 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 cupholders 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 |
| 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 - QX80 Limited |

| 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 | |
|---|---|
| Bose® 13-speaker Premium Audio System, including two subwoofers, AM/FM radio, single in-dash CD/DVD player with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control | S |
| Bose® Cabin Surround® Sound System with digital 5.1 decoding and 15 speakers | O |
| 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 |

| 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 | |
| Tri-Zone Automatic Temperature Control system with microfilter | |
| 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 | |
| Infiniti Controller, 8-inch color touch-screen display | |
| Infiniti analog clock | |

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|--|---|
| 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 | |
| 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) | |
| 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 and Predictive Forward Collision Warning (PFCW) | O |

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

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

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| 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 | |
| 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 | |
| Blind Spot Warning (BSW) | O |
| Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) | O |
| Front Pre-Crash Seat Belts | O |

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Technical Specifications, Features and Options

| PACKAGES AND OPTIONS | |
|---|---|
| Driver Assistance Package: Backup Collision Intervention (BCI), Blind Spot Warning (BSW), Intelligent Cruise Control (Full-Speed Range), Distance Control Assist (DCA), Distance Control Assist (DCA), Forward Emergency Braking and Predictive Forward Collision Warning (PFCW), steering wheel switch for Safety Shield Technologies | 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, Blind Spot Intervention® (BSI) Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) | O (requires 22-inch Wheel Package and Theater Package) |
| Signature Edition: Saddle Tan high contrast interior color, bodyside moldings, chrome mirror caps | O (includes Driver Assistance Package and Split Bench Seat Package) |

S – Standard **O** – Optional

11/15