

A New Name for Infiniti's Iconic Performance Crossover Ability – The 2014 Infiniti QX70

Carrying over a number of exterior and refinements in previous years, the 2014 Infiniti QX70 (formerly the FX) features two engine choices - a 325-horsepower 3.7-litre V6 with VVEL (Variable Valve Event & Lift), 7 speed automatic transmission with Drive Sport (DS) mode and Adaptive Shift Control (ASC), manual shift mode with Downshift Rev Matching (DRM) - and a 5.0-litre AWD, which once again features a standard 390-horsepower VVEL V8 and Infiniti Intelligent All-Wheel Drive.

As in the previous model, the 2014 QX70 features advanced Moving Objection Detection (MOD) on the Around View® Monitor system (standard on 5.0-litre - formerly FX50-; optional on 3.7-litre -formerly FX37-). Moving Object Detection builds on the capabilities of the AVM system, which shows the driver a virtual 360-degree image of the area around the vehicle. The MOD function helps enhance the driver's situational awareness by providing visual and audible warnings (front or back range object detection) if the system detects moving objects (such as another vehicle) within the displayed image in situations such as when pulling out of a parking space. Using sophisticated image processing technology, the system detects moving objects within the "top view" (when the vehicle is in Park). When starting off or backing up, it detects moving objects crossing the front or rear views.

"The Moving Object Detection and the advanced Around View® Monitor system in the QX70 is proof of Infiniti's ongoing technology leadership. With so many potential distractions for today's drivers, having an extra set of 'eyes' when pulling into or out of a park space is a welcome feature," said Wendy Durward, Director of Infiniti Canada. "QX70 drivers appreciate refined performance and this car delivers, with both the 3.7-litre V6 and the 5.0-litre V8 with the advanced VVEL system."

The 2014 QX70, like all Infiniti new model purchases, also offers the Infiniti Personal AssistantSM, Infiniti's personal concierge service with 24-hour access to a live team of professional assistants. The Infiniti Personal Assistant benefit, which is offered free-

of-charge for the first four years, allows owners to make reservations, get directions, find points of interest, make dinner reservations, access gift services, answer trivia questions, and receive a wide variety of other services at the touch of a button from inside the vehicle or through the owner's mobile or home phone.

The 2014 QX is offered in two models: the 3.7-litre V6 engine with AWD and the 5.0-litre V8 engine with AWD. Also offered is a range of special equipment packages: Navigation and Deluxe Touring Package, Technology Package and Sport Package.

A Revised Front End Appearance

Since the introduction of the original QX70 design in 2003, QX70's aggressive styling has served notice of its performance underpinnings with its long hood, stretched wheelbase, short front and rear overhangs. The design's distinctive side air vents, located behind the front wheels, allow air to flow through the engine compartment and out the side of the vehicle, reducing front end lift.

"The QX70 was designed to stand out from those vehicles that have chased after its design leadership in past years," said Durward "QX70's performance has always kept it ahead of the pack and once again its design does so too."

QX70's pronounced performance appearance also features fog lamps and iconic High Intensity Discharge (HID) bi-functional xenon headlights. The aggressive silhouette is highlighted by a strong front-to-rear shoulder line, tight greenhouse, kicked-back roofline and integrated rear spoiler.

The large LED taillights extend beyond the body, helping create aerodynamic downforce, while large dual exhaust outlets with chrome finishers cap the action-ready appearance.

The 2014 Infiniti QX70 is offered in seven exterior colours: Asgard Grey, Malbec Black, Platinum Ice, Black Obsidian, Midnight Mocha, Aspen Pearl and Electric Indigo.

Under the QX70's polished, assertive styling is an equally advanced body structure, offering room for five adults and the capacity to hold four full-size golf bags. The Infiniti QX70 utilizes the rigid FM (for Front Midship) platform architecture, with a

balanced front-to-rear weight distribution to help provide exceptional handling performance. Efforts were taken to reduce weight, including the use of aluminum doors and hood, and enhance body strength.

The Infiniti QX70's interior includes a command centre-style cockpit designed to enhance the driving experience. The leather-appointed front seats offer 10-way driver's side/8-way passenger side power adjustments and a heating and cooling function for maximum comfort in any season. The available driver's sport seat adds power-adjustable side bolsters and a manual thigh extension. The high-tech interior design includes an Infiniti signature double-wave instrument panel and Fine Vision electroluminescent gauges. In model year 2012 the meter illumination received a more pronounced white appearance.

Also standard is an automatic driving position system, which moves the steering wheel and outside mirrors adaptively into the correct position when the seat is adjusted – allowing the driver to change the seat position and keep the same mirror viewpoint and relationship between the steering column and driver's shoulder position. The QX70's interior's array of comfort and convenience equipment ranges from a leather-wrapped steering wheel and shift knob to dual front and rear cupholders, four 12-volt power outlets, power windows with front one-touch auto-up/down function, power door locks and available tonneau cover and aluminum pedal accents.

Hospitality features include the Infiniti Intelligent Key with Push Button Ignition and Sequential Welcome Lighting Illuminated Entry system that starts with turning on the outside mirror courtesy lights as the driver approaches the QX70 and continues to light key areas as driver and passengers settle into the interior. Three available interior colours are offered: Wheat, Graphite and Java.

Standard on QX70 5.0-litre is the Advanced Climate Control System (ACCS) with auto-recirculation, Grape Polyphenol and Plasmacluster™ air purifier that reduces interior airborne contaminants. The system includes a "Clean Mode," which uses ionization to reduce unwanted airborne particles. An "Ion Mode" creates a high concentration of negative ions to impart a freshness and crispness to the air, similar to what people experience after a thunderstorm or near a waterfall. This system

utilizes a filter using fiber impregnated with natural grape seed polyphenol, which has the ability to reduce allergens that conventional filters cannot remove due to their incredibly small size (0.3 to 0.5 microns).

The QX70 comes equipped with an advanced Bose® Premium Audio system, acoustically engineered to optimize sound within the QX70's interior. It features 11-speakers, an AM/FM/CD player and USB connection port for iPod® Interface and other compatible devices. Also standard are XM® Satellite Radio (XM® subscription required, sold separately), diversity antenna and steering wheel-mounted remote audio controls.

The advanced Infiniti Hard Drive Navigation System – standard on QX70, available with the 5.0-litre V8 engine– features Zagat Survey® restaurant guide and Streaming Audio via Bluetooth®, along with an Infiniti Voice Recognition system for navigation and audio systems.

Two Advanced Engines

The Infiniti QX70 features a standard 5.0-litre V8 engine design rated at 390 horsepower and 369 lb-ft of torque. It utilizes Infiniti's Variable Valve Event & Lift (VVEL) valve control technology, which continuously adjusts valve timing and lift amounts, enabling higher fuel efficiency with higher torque and improved emissions over conventional variable valve designs.

The VVEL intake camshafts, which feature continuously variable lift control teamed with a Continuously Variable Valve Timing Control System (CVTCS), allow for a 6,800 rpm redline.

Also offered is an advanced 3.7-litre DOHC 24-valve V6. The V6 engine features an aluminum block and heads and electronically controlled throttle system and has been tuned specifically for use in the QX70. The engine is rated at 325-horsepower and 267 lb-ft of torque (increases of 22 horsepower and 5 lb-ft respectively over the previous 3.5-litre V6) and 267 lb-ft of torque.

The advanced V6 engine design also features a symmetric twin air intake system that reduces airflow resistance, Continuously Variable Valve Timing Control System

(CVTCS), a silent timing chain for quiet operation, microfinished crank journals and cam lobes, and Teflon-coated lightweight pistons, a dual exhaust system with equal length exhaust manifolds and low muffler exhaust pressure to help improve engine breathing.

Only one transmission is offered on the 2014 QX70 – a refined 7-speed transmission that offers both a wide ratio of coverage and a wide lock-up area, as well as a manual shift mode, Downshift Rev Matching and Adaptive Shift Control (ASC). The standard ASC system adapts the transmission's shift timing depending on driving style. Solid magnesium paddle shifters are available with the QX70 Sport Package, while Infiniti's advanced Vehicle Dynamic Control (VDC) system with Traction Control System (TCS) is standard on all QX70 models.

QX70 3.7-litre V6 and 5.0-litre V8 models are equipped with Infiniti's Intelligent All-Wheel Drive system, which uses an advanced torque split control strategy that automatically redistributes torque to the wheels (0:100 up to 50:50 front to rear) according to road and driving conditions.

QX offers independent suspension at all four corners, with a double-wishbone suspension design in front and a multi-link design in the rear. Large diameter stabilizer bars are utilized at both ends. The suspension system also incorporates special Dual Flow Path™ shock absorber technology with rebound springs for responsive yet comfortable ride and firm, tight handling.

An available Continuous Damping Control (CDC®) suspension system offers special electronically controlled shock absorbers. Using input from a variety of sensors, the system continuously alters the damping of the shocks to provide optimal ride and handling. A driver-selectable switch with two settings, "Auto" and "Sport," allows the driver to choose the desired damping mode.

The V8 5.0-litre is also available with an advanced Rear Active Steer system, which uses precise, electronic motor-driven control to turn the rear wheels up to one degree, helping generate a nimble steering response at low speeds and enhance handling feel at high speeds. Braking is provided by 4-wheel ventilated disc brakes with Brake Assist (BA) and Electronic Brake force Distribution (EBD). The 5.0-litre

V8 includes 4-piston front/2-piston rear opposed-piston brake calipers and large brake rotors (14.0-inch front/13.8-inch rear).

QX70 models come standard with 18-inch split-5-spoke aluminum-alloy wheels mounted with P265/60R18 V-rated all-season tires. QX70 models feature six-spoke 21-inch aluminum-alloy wheels with P265/45R21 V-rated all-season tires. Newly designed five-spoke 20-inch wheels are offered as part of the Deluxe Touring Package. .

Advanced Technology and Safety Systems

The 2014 QX70 makes available an array of advanced technology systems. The QX70's available advanced Around View[®] Monitor utilizes four small super wide-angle cameras – mounted on the front, side and rear of the QX70 – to provide a virtual 360° view of objects around the vehicle, helping to maneuver it in tight spots. The system uses advanced image processing to combine the images from the four cameras and provide a unique "Birds-Eye View" of the vehicle's surroundings.

The available Distance Control Assist (DCA) system helps reduce the burden of driving by helping the driver maintain a distance to the vehicle ahead in traffic conditions that require frequent braking. Whereas Intelligent Brake Assist is on by default, Distance Control Assist is available at the touch of a button. DCA utilizes the accelerator pedal to provide feedback to the driver.

If the distance falls below a certain threshold when approaching the preceding vehicle from behind, when the driver releases the accelerator pedal the vehicle will automatically apply the brakes to help maintain distance to the preceding vehicle. If the driver is on the throttle and the system determines that braking may be necessary, DCA will signal to the driver that the throttle should be released by "pushing back" via the accelerator pedal. Initially a subtle push can be felt by the driver as a gentle reminder to maintain a more appropriate distance. If the driver continues closing in on the vehicle ahead, a more insistent double impulse from the pedal plus an audible signal will urge the driver to release the throttle. Upon release of the throttle, DCA will automatically engage the brakes. If necessary, the driver can override the system at any time by depressing the accelerator pedal.

The available Intelligent Cruise Control (Full-Speed Range) brings the benefit of cruise control to another level, helping to maintain a preset distance to the vehicle ahead whether in heavy traffic or on open highways within a speed range of 0 and 144 km/h. ICC can be a stress reliever particularly when driving in congested highway traffic. The ICC system operates across a wide speed range and helps the driver manage speed and distance down to a complete stop. This allows the QX70 to flow with traffic even at "crawling" speeds and then resume the desired cruising speed once the road opens up again.

The available Intelligent Brake Assist (IBA) system with Forward Collision Warning (FCW) uses the laser sensor unit from the Intelligent Cruise Control's (ICC) system and continuously monitors and analyzes closing speeds to a vehicle ahead. IBA will warn the driver if it determines a frontal collision is imminent. If the driver does not respond to the warning and the collision can no longer be avoided, IBA will automatically engage the brakes to help reduce the impact speed and thus help mitigate the consequences of the accident.

Also available on all 2014 QX70 models is the advanced Infiniti Lane Departure Prevention (LDP) system, which takes Infiniti's Lane Departure Warning (LDW) system one step further.

If the system senses that the vehicle has drifted toward the edge of its lane, LDP utilizes the QX70's Vehicle Dynamic Control system to gently apply the brakes on the wheels on the opposite side, assisting the driver in returning the vehicle back towards the centre of the current lane.

Safety features found on every 2014 QX70 includes a seat belt reminder system; standard Infiniti Advanced Air Bag System (AABS); dual-stage front supplemental air bags with occupant classification and seat belt sensors; seat-mounted side-impact supplemental air bags; and roof-mounted curtain side-impact supplemental air bags for enhanced outboard seat occupant head protection.

Also standard are 3-point front seat belts with pretensioners and load limiters, ALR/ELR seat belts in all passenger seating positions (driver's side ELR only), adjustable upper anchors, front seat Active Head Restraints, and LATCH (Lower

Anchors and Tethers for Children) system. A Tire Pressure Monitoring System (TPMS) with individual tire pressure display is also standard.

QX70 also includes available Front Pre-Crash Seat Belts. Utilizing patented technology (licensed to other automakers), the system automatically retracts some seat belt webbing if the system detects emergency braking or an emergency handling situation. In addition, the QX70 front seat belts also have a function that automatically self-adjusts the seat belt when buckled to help provide a comfortable and relaxed fit.

Three Well-Equipped Models

The 2014 QX70 is offered in two engine/drive configurations: the V8-powered 5.0L AWD, the V6-powered 3.7L AWD. Both come equipped with exceptional levels of standard equipment.

Two option packages are offered in 2014, offering an extended range of features and technology over the well-equipped standard equipment.

The 3.7L Deluxe Touring Package includes Navigation, 20-inch wheels and tires, aluminum pedal accents, Maple interior accents, and around view monitor. The Sport Package (5.0-litre only) features sport-style front seats, solid magnesium paddle shifters, dark-tinted side air vents and lower door trim, Continuous Damping Control (CDC®) and Rear Active Steer.

The Technology Package (3.7 litre) includes Lane Departure Warning (LDW) and Lane Departure Prevention (LDP), Intelligent Cruise Control (Full Speed Range), Distance Control Assist, Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW), Front Pre-Crash Seat Belts, rain-sensing windshield wipers and Adaptive Front lighting System (AFS) with auto-leveling headlights.