

At a Glance: 2015 Infiniti Q70 Hybrid

The Infiniti Q70 Hybrid continues to stand out as a true luxury performance “driver’s” hybrid. For 2015, the Q70 Hybrid shares the wide range of enhancements given to the standard 2015 Infiniti Q70 – starting with updated exterior styling and the addition of several of Infiniti’s pioneer technologies, such as Predictive Forward Collision Warning (PFCW) and Backup Collision Intervention (BCI).

The Q70 Hybrid’s revised exterior includes new front and rear fascias, new grille design, Infiniti signature LED headlights, LED taillights, LED fog lights and side rearview mirrors with integrated LED turn signals. Three new exterior colours have also been added for 2015: Hermosa Blue, Chestnut Bronze and Asgard Grey. A special premium Pearl finish is also available with the Aspen Pearl exterior.

The 2015 Infiniti Q70 Hybrid also includes revised 18-inch aluminum-alloy wheel designs and the availability of Around View[®] Monitor with Moving Object Detection (MOD) and Forward Emergency Braking (FEB).

At the core of the 2015 Q70 Hybrid is its exceptional fuel efficiency, achieving 8.0/6.9/7.5 L/100km for City/Hwy/Combined – all while delivering the performance expected from a true luxury sports sedan.

At the core of the Q70 Hybrid is the advanced Infiniti Direct Response Hybrid[®] system – an advanced one-motor, two-clutch parallel hybrid system. Its precise, high-speed motor control technology, enabled by the powerful Lithium-ion battery, allows power to be delivered directly to the 7-speed automatic transmission. The system also utilizes an innovative Hybrid Electric Power Steering system and Electric Driven Intelligent Brake regenerative braking system, both of which help conserve energy and provide a natural, enjoyable driving feel.

The Infiniti Q70 Hybrid’s exhilarating driving performance also greatly benefits from use of Infiniti’s proven 3.5-litre DOHC 24-valve V6 engine, which paired with the 50 kW electric motor, provides a hybrid system net power of 360 horsepower. Torque figures are equally impressive, with the V6’s 258 lb-ft of torque combining with the electric motor’s immediately available 214 lb-ft of torque (increased from the previous year’s 199 lb-ft) to provide strong performance.

The Q70 Hybrid can drive on electric power alone at speeds up to 100kph and can travel on electric propulsion for up to 2km at a time. Infiniti internal testing has

shown that in mixed driving, the Infiniti Q70 Hybrid is able to drive in electric only mode for as much as 50% of the time. And one other thing, with its compact hybrid system design, the Infiniti Q70 Hybrid also delivers uncompromised interior space and competitive trunk space.

The rear-wheel drive Q70 Hybrid also embraces the essence of all things Infiniti – style, performance, luxury, craftsmanship and technology. The Infiniti Q70 hybrid’s dramatic, sports styling provides a coefficient of drag of just 0.26 Cd, while the roomy, comfortable interior environment features semi-aniline leather seating, silver powdered genuine White Ash wood trim and Bose® Studio Surround® audio system.

Key standard features include Active Noise Control, Infiniti Intelligent Key with Push Button Ignition, SiriusXM Satellite Radio (SiriusXM subscription required, sold separately), Bluetooth® Hands-free Phone System and power sliding glass tinted moonroof.

The Infiniti Q70 Hybrid is also standard with advanced technology features, including Blind Spot Warning (BSW), Blind Spot Intervention® (BSI) and Infiniti Hard Drive Navigation System. Other available features include Bose® Studio Surround® premium audio system, Intelligent Cruise Control (Full-Speed Range), Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) systems, Distance Control Assist (DCA), Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW) and Front Pre-Crash Seat Belts.

Highlights of the 2015 Infiniti Q70 Hybrid include:

Body

- Expressive exterior design with uncompromised cabin roominess
- Stable posture with long wheelbase (114.2 inches / 2900 mm), wide track and short overhangs
- Low, aggressive hoodline providing a sporty, powerful silhouette; deeply sculpted fenders and doors, signature Infiniti double-arch grille
- 0.26 coefficient of drag
- Advanced unibody construction with a high level of torsional rigidity
- Lightweight aluminum doors and hood
- Standard automatic on/off LED headlights with windshield wiper interlock
- Auto-leveling headlights with Adaptive Front lighting System (AFS)
- LED taillights
- Rain-sensing variable intermittent front windshield wipers
- Power sliding tinted glass moonroof with one-touch open/close tilt feature and sliding sunshade
- Power-folding, auto dimming outside mirrors with reverse tilt-down feature
- Front door handle courtesy lights
- Eight available exterior colours: Hermosa Blue, Chestnut Bronze, Malbec Black, Platinum Ice, Asgard Grey, Storm Front Grey, Black Obsidian and Aspen Pearl with premium pearl finish

Engine and Driveline

- Front engine and electric motor, rear-wheel drive
- FM (Front Mid-ship) platform
- Infiniti Direct Response Hybrid® system, which combines a compact laminated lithium-ion battery design with an innovative one-motor/two-clutch motor control
- 3.5-litre 24-valve DOHC aluminum-alloy V6 producing 302 hp @ 6,800 rpm and 258 lb-ft of torque @ 5,000 rpm
- Advanced 50 kW electric motor rated at 67 horsepower and 214 lb-ft of torque
- Hybrid system net power: 360 horsepower
- 7-speed electronically controlled automatic transmission with Adaptive Shift Control (ASC) and manual shift mode
- Fuel economy rated at 8/ 6.9/ 7.5 L/100KM city/highway/combined

Suspension, Steering and Braking

- Double-wishbone independent front suspension
- Refined multi-link independent rear suspension
- Front and rear stabilizer bars
- Double-piston shock absorbers (specially tuned for Q70 Hybrid application)
- Electric Driven Intelligent Brake regenerative braking system
- 4-wheel vented disc brakes with 4-channel/4-sensor Anti-lock Braking System (ABS) with Electronic Brake force Distribution (EBD) and Brake Assist (BA)
- Innovative Hybrid Electric Power Steering system
- New design 18-inch, double 5-spoke aluminum-alloy wheels with 245/50R18 all-season performance tires

Interior Features

- Large cabin space, able to fit five adult passengers comfortably
- Unique instrument meters, meter display and IT screen displays
- "Fine Vision Meters" electroluminescent gauges
- Semi-aniline leather seating surfaces, premium soft-touch material for armrests, door inserts, centre console and knee pads, White Ash silver powdered wood trim, and suede-like headliner
- Standard 10-way power driver and front passenger's seats, including 2-way power lumbar support
- Dual occupant memory system for driver's seat, steering wheel and outside mirrors (linked to individual Intelligent Keys)
- Entry/exit assist system for driver's seat and steering wheel
- Heated steering wheel
- Climate-controlled front seats
- Sequential welcome lighting illuminated entry system
- Rear console-mounted vents and rear floor heater ducts
- Centre console with dual level storage and 12-volt power outlet
- Rear centre armrest with storage

- Dual front and rear cupholders, dual front seatback pockets
- Infiniti Hard Drive Navigation System with 8.0-inch WVGA colour touch-screen display, NavTraffic with Real-Time Traffic Information, (SiriusXM subscription required, sold separately) and Streaming Audio via Bluetooth®
- Bose® Studio Surround® audio system with digital 5.1-channel decoding, 14-channel digital amp and 16 speakers, including two personal speakers mounted in the shoulders of each front seat
- Standard SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)
- USB connection port for iPod® and other compatible devices
- Infiniti Intelligent Key system with illuminated Push Button Ignition
- Enhanced Intelligent Key memory stores an occupant memory position and the last used audio, climate control and navigation settings
- Infiniti Voice Recognition for audio, navigation and vehicle information system
- Bluetooth® Hands-free Phone System
- HomeLink® Universal Transceiver
- RearView Monitor
- Around View® Monitor with Moving Object Detection
- Predictive Forward Collision Warning (PFCW)
- Backup Collision Intervention (BCI)
- Forward Emergency Braking (FEB)
- Intelligent Cruise Control (Full-Speed Range)
- Infiniti analog clock
- Power windows with one-touch up/down and auto-reverse feature, power trunk release
- Electric air conditioning compressor
- Power rear sunshade

Safety and Security

- Infiniti Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor
- Standard front seat-mounted side impact supplemental air bags
- Standard roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection
- 3-point front seat belts with pretensioners and load limiters and adjustable upper anchors; driver's seat Emergency Locking Retractor (ELR) and passenger's side ELR and Automatic Locking Retractor (ALR)
- Second-row 3-point seat belts with ELR and ALR
- Front Pre-Crash Seat Belts
- Front seat Active Head Restraints with 4-way manual adjustments
- Vehicle Dynamic Control (VDC) with Traction Control System (TCS)
- Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) systems
- Blind Spot Warning (BSW) and Blind Spot Intervention™ (BSI) systems
- Zone Body construction
- LATCH System (Lower Anchors and Tether for Children)

- Vehicle Security System with Infiniti Vehicle Immobilizer System
- Tire Pressure Monitoring System (TPMS) with individual tire pressure display
- Auto-Hazard Warning Signal
- Approaching Vehicle Sound for Pedestrian (VSP)

Models and Manufacturing

- Available in one model: Infiniti Q70 Hybrid
- Assembled at Tochigi, Japan

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