

At a Glance: 2016 Infiniti Q70 Hybrid

The 2016 Infiniti Q70 Hybrid stands out as a true luxury performance “driver’s” hybrid, while embracing the essence of all things Infiniti – style, performance, luxury, craftsmanship and technology.

The Q70 Hybrid is one of five Q70 and four long-wheelbase Q70L models (for full information and specifications on the Q70 non-hybrid and Q70L model, please visit InfinitiNews.com).

At the core of the Infiniti Q70 Hybrid is the advanced Infiniti Direct Response Hybrid[®] system – an advanced one-motor, two-clutch parallel hybrid system that helps deliver exceptional fuel efficiency of 34 mpg highway, 29 mpg city and 31 mpg combined, all while delivering the performance expected from a true luxury sports sedan.

The Infiniti Direct Response Hybrid[®] system’s 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 Q70 Hybrid’s exhilarating driving performance also greatly benefits from use of Infiniti’s proven 3.5-liter 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 62 mph and can travel on electric propulsion for up to 1.2 miles 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 percent of the time. And, with its compact hybrid system design, the Infiniti Q70 Hybrid also delivers uncompromised interior space and competitive trunk space.

For 2016, the Q70 Hybrid shares the wide range of enhancements given to the standard Infiniti Q70 just last model year– 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 dramatic sports styling includes Infiniti signature LED headlights, LED taillights, LED fog lights and side rearview mirrors with integrated LED turn signals. It features a coefficient of drag of just 0.26 Cd. Two new exterior colors are offered for 2016 – Hagane Blue and Majestic White.

The roomy, comfortable interior environment features leatherette seating, Japanese Ash wood trim or available silver powdered genuine White Ash wood trim and available premium audio systems. 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 available with advanced technology features, including Blind Spot Warning (BSW), Blind Spot Intervention® (BSI) and Infiniti 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 2016 Infiniti Q70 Hybrid include:

Body

- Expressive exterior design with uncompromised cabin roominess
- Stable posture with long wheelbase (114.2 inches), 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
- Available 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 colors: new Hagane Blue and Majestic White (with premium pearl finish), along with Hermosa Blue, Chestnut Bronze, Malbec Black, Liquid Platinum, Graphite Shadow and Black Obsidian

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-liter 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 29/34/31 mpg 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
- Standard 18-inch, double 5-spoke aluminum-alloy wheels with 245/50R18 all-season performance tires

Interior Features

- Inviting interior with genuine Japanese Ash wood trim
- Large cabin space, able to fit five adult passengers comfortably
- Unique instrument meters, meter display and IT screen displays
- "Fine Vision Meters" electroluminescent gauges
- Standard leather-appointed seating, available in four colors (depending on options selected) – Graphite, Stone, Java or Wheat
- Available Deluxe Touring Package includes semi-aniline leather seating surfaces, premium soft-touch material for armrests, door inserts, center 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
- Standard heated front seats, available heated steering wheel
- Available climate-controlled front seats
- Sequential welcome lighting illuminated entry system

- Rear console-mounted vents and rear floor heater ducts
- Center console with dual level storage and 12-volt power outlet
- Rear center armrest with storage
- Dual front and rear cupholders, dual front seatback pockets
- Available Infiniti Navigation System with 8.0-inch WVGA color touch-screen display, NavTraffic® with Real-Time Traffic Information, NavWeather™ with Real-Time Weather and 3-day forecast (SiriusXM® subscription required, sold separately) and Streaming Audio via Bluetooth®
- Standard 6-speaker, 160-watt audio system with single in-dash CD player with MP3 CD playback compatibility
- Available Bose® 2-channel premium audio system with 10 speakers
- Available 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
- Available Infiniti Voice Recognition for audio, navigation and vehicle information system
- Bluetooth® Hands-free Phone System
- HomeLink® Universal Transceiver
- RearView Monitor
- Available Around View® Monitor with Moving Object Detection
- Available Predictive Forward Collision Warning (PFCW)
- Available Backup Collision Intervention (BCI)
- Available Forward Emergency Braking (FEB)
- Available 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
- Available 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
- Available Front Pre-Crash Seat Belts

- Front seat Active Head Restraints with 4-way manual adjustments
- Vehicle Dynamic Control (VDC) with Traction Control System (TCS)
- Available Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) systems
- Available 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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