

# 2015 Infiniti Q70 Hybrid

## Technical Specifications, Features and Options

Assembly Plant Location: Tochigi, Japan

**Note: 2015 Q70 and Q70L specifications available at [InfinitiNews.com](http://InfinitiNews.com)**

| <b>GASOLINE ENGINE</b>        |  |
|-------------------------------|--|
| Type                          | VQ35HR DOHC 24-valve                               |
| Orientation                   | Longitudinal                                       |
| Cylinders / configuration     | V6 with molybdenum coated pistons                  |
| Block / head composition      | Aluminum-alloy                                     |
| Displacement                  | 3.5 liters   |
| Horsepower                    | 302 hp @ 6,800 rpm                                 |
| Torque                        | 258 lb-ft @ 5,000 rpm                              |
| Bore x stroke (mm)            | 95.5 x 81.4  |
| Compression ratio (:1)        | 10.6   |
| Induction system              | Sequential multi-port fuel injection               |
| Valvetrain                    | 4 valves per cylinder                              |
| Engine mounts (Type)          | Side: 2 (liquid-filled)<br>Rear: 1 (liquid-filled) |
| Recommended fuel              | Premium (recommended)                              |
| Emissions system              | Closed loop feedback system with 2 catalysts       |
| Exhaust                       | Dual exhaust with polished tips                    |
| Maximum engine speed          | 7,500 rpm  |
| Emissions certification level | Tier 2, Bin 5, LEV2 U-LEV, Near-zero EVAPO         |

| <b>ELECTRIC MOTOR</b> |                         |
|-----------------------|-------------------------|
| Type                  | Advanced electric motor |
| Horsepower            | 67 @ 1,770-2,000 rpm    |
| Torque                | 214 lb-ft @ 1,770 rpm   |

| <b>BATTERY</b>  |  |
|-----------------|--|
| Type            | High-output laminated Lithium-ion (Li-ion) |
| Output          | 50 kW                                      |
| Nominal voltage | 346 V                                      |

| <b>HYBRID SYSTEM NET POWER</b> |                    |
|--------------------------------|--------------------|
| Horsepower                     | 360 hp @ 6,500 rpm |

| <b>ELECTRICAL</b>          |               |
|----------------------------|---------------|
| Electronic ignition system | S             |
| Starter rating             | 1.6 kW        |
| Alternator                 | 12V – 150 Amp |
| Electric A/C compressor    | S             |

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| <b>DRIVETRAIN</b>  |       |
|--|-------|
| Drive configuration<br>Rear-wheel Drive  | S     |
| 7-speed electronically controlled automatic transmission with Adaptive Shift Control (ASC) and manual shift mode | S     |
| Gear ratios (:1)   |       |
| 1 <sup>st</sup>  | 4.783 |
| 2 <sup>nd</sup>  | 3.103 |
| 3 <sup>rd</sup>  | 1.984 |
| 4 <sup>th</sup>  | 1.371 |
| 5 <sup>th</sup>  | 1.000 |
| 6 <sup>th</sup>  | 0.871 |
| 7 <sup>th</sup>  | 0.776 |
| Reverse  | 3.859 |
| Final drive ratio (:1)   | 2.611 |

| <b>BODY, SUSPENSION AND STEERING</b>                            |  |
|---|--|
| Body type   | Corrosion resistant and high strength steel unibody construction, aluminum-alloy hood, doors and door structures |
| Front suspension  | Independent double wishbone with coil springs and stabilizer bar   |
| Rear suspension   | Independent multi-link with coil springs and stabilizer bar  |
| Double-piston shock absorbers specifically tuned for Q70 Hybrid | S  |
| Steering ratio (:1)   | 16.9   |
| Turning diameter (curb-to-curb) ft                              | 36.7   |
| Turns (lock-to-lock)  | 3.09   |
| Steering type   | Vehicle-speed-sensitive with Hybrid Electric Power Steering system   |
| Steering wheel type<br>Tilt<br>Telescopic<br>Controls<br>Heated | 4-spoke leather-appointed<br>Power with memory<br>Power with memory<br>Audio, cruise control, Bluetooth®<br>O    |

| <b>BRAKES</b>   |  |
|---|--|
| Type  | Electric Driven Intelligent Brake (regenerative) |
| Front: 12.6-inch x 1.1-inch power-assisted vented disc    | S  |
| Rear: 12.1-inch x 0.6-inch power-assisted vented disc     |  |
| 4-channel/4-sensor/4-wheel Anti-lock Braking System (ABS) | S  |
| Brake Assist, Electronic Brake Force Distribution         | S  |

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| <b>WHEELS AND TIRES</b>  |   |
|--|---|
| <b>Wheels</b>  |   |
| 18 x 8.0-inch, double 5-spoke aluminum-alloy wheels                          | S |
| <b>Tires</b>   |   |
| 245/50R18 V-rated all-season performance tires                               | S |
| Temporary spare tire (165/80R17)   | S |
| Tire Pressure Monitoring System (TPMS) with individual tire pressure display | S |

| <b>EXTERIOR DIMENSIONS (inches unless noted otherwise)</b> |       |
|--|-------|
| Wheelbase  | 114.2 |
| Overall length   | 196.1 |
| Overall width  | 72.6  |
| Overall height   | 59.1  |
| Front track width  | 62.0  |
| Rear track width   | 61.8  |
| Minimum ground clearance                                   | 6.0   |
| Coefficient of Drag (Cd)                                   | 0.26  |

| <b>EXTERIOR FEATURES AND OPTIONS</b>  |   |
|---|---|
| Automatic on/off LED headlights with windshield wiper interlock                                       | S |
| Adaptive Front lighting System (AFS) with auto-leveling headlights                                    | P |
| LED front fog lights and taillights   | S |
| Body-color front and rear bumpers   | S |
| Green-tinted glass with dark-tint upper windshield band and UV cut                                    | S |
| Chrome grip-type door handles   | S |
| Front door handle courtesy lights   | S |
| Auto-dimming power folding, heated outside mirrors with reverse tilt-down feature                     | S |
| LED turn signals in sideview mirrors  | S |
| Rear window defroster with timer  | S |
| Rear center high-mounted stop lamp (CHMSL)  | S |
| Chrome grille with large Infiniti logo emblem   | S |
| Power sliding tinted glass moonroof with one-touch auto-open/close, tilt feature and sliding sunshade | S |
| Rain-sensing variable intermittent front windshield wipers  | S |
| Speed-sensing flat-blade variable intermittent front windshield wipers                                | S |
| Front door handle courtesy lights   | S |
| Dual chrome exhaust finishers   | S |
| Auto-trunk cincher  | S |

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| <b>INTERIOR DIMENSIONS (inches)</b> | <b>Front</b> | <b>Rear</b> |
|-------------------------------------|--------------|-------------|
| Head room                           | 39.1         | 37.7        |
| Shoulder room                       | 58.4         | 56.7        |
| Hip room                            | 54.3         | 53.5        |
| Leg room                            | 44.4         | 36.2        |

| <b>INSTRUMENTATION</b>   |   |
|--|---|
| Unique instrument meters, meter display and IT screen displays | S |
| Outside temperature display                                    | S |

| <b>INTERIOR FEATURES AND OPTIONS</b>   |   |
|--|---|
| Leatherette seating  | S |
| Leather-appointed seating  | P |
| Perforated semi-aniline leather seating  | P |
| 10-way power driver's and front passenger's seats including 2-way power lumbar support   | S |
| Heated front seats   | S |
| Entry/exit assist for driver's seat and steering wheel   | S |
| Adjustable front seat active head restraints and adjustable rear head restraints   | S |
| Sequential welcome lighting illum. entry system  | S |
| Front seatback map pockets   | S |
| Stainless steel sill plates with Infiniti lettering  | S |
| Genuine leather-wrapped steering wheel and gearshift knob  | S |
| Heated steering wheel  | P |
| Front door map pockets   | S |
| Suede-like headliner, premium soft-touch material for armrests, door inserts, center console and kneepads; premium stitched meter hood | P |
| Ceiling-mounted assist grips   | S |
| Dual occupant memory system for driver's seat, steering wheel, outside mirrors linked to individual Intelligent Keys                   | S |
| Auto-dimming inside rear view mirror   | S |
| HomeLink® Universal Transceiver  | S |
| Power rear sunshade  | P |
| Genuine Japanese Ash wood accents on doors, instrument panel and center console  | S |
| White Ash silver-powdered wood trim  | P |
| Infiniti analog clock  | S |
| Dual front and rear cupholders   | S |
| Rear armrest with cup holders and storage  | S |

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### *Technical Specifications, Features and Options*

| <b>AUDIO SYSTEM</b>  |   |
|--|---|
| 6-speaker audio system with AM/FM/CD with MP3/WMA playback capability, Radio Data System (RDS), speed-sensitive volume control | S |
| Bose® Studio Surround® sound system with digital 5.1 channel decoding, 16 speakers and Bose® Centerpoint® 2 signal processing  | P |
| Single in-dash CD player   | S |
| Single in-dash CD/DVD player   | P |
| USB Connection Port for iPod® interface and other compatible devices   | S |
| Streaming Audio via Bluetooth®   | P |
| SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)   | S |
| Rear window diversity antenna  | S |

| <b>COMFORT AND CONVENIENCE FEATURES</b>   |   |
|---|---|
| Active Noise Control (ANC)  | S |
| Cruise control with steering wheel-mounted switches   | S |
| Intelligent Cruise Control (Full-Speed Range)   | P |
| Distance Control Assist (DCA)   | P |
| Active Trace Control  | P |
| Eco Pedal   | P |
| Forward Emergency Braking (FEB)   | P |
| Backup Collision Intervention (BCI)   | P |
| Predictive Forward Collision Warning (PFCW)   | P |
| Around View® Monitor with Moving Object Detection   | P |
| Bluetooth® Hands-free Phone System  | S |
| Dual Zone Automatic Temperature Control system with mild flow vent located on upper dash                                | S |
| RearView Monitor  | S |
| One-touch auto-up/down front windows with auto-reverse feature and remote keyless entry-activated all windows open mode | S |
| Power door locks with selective unlocking, auto lock feature and remote keyless entry                                   | S |
| Power tilt/tele. steering column w/ memory  | S |
| Center console with dual-adjustable armrests, dual level storage and 12-volt power outlet                               | S |
| Locking glove compartment with light  | S |
| Dual front illuminated visor vanity mirrors   | S |
| Dual overhead map lights (front and rear)   | S |

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| <b>COMFORT AND CONVENIENCE FEATURES, CONT.</b>  |   |
|---|---|
| Remote trunk release  | S |
| Infiniti Intelligent Key with Illuminated Push Button Ignition  | S |
| Enhanced Intelligent Key memory stores an occupant memory position, and last used audio, climate control, and navigation settings | S |
| Retained accessory power for windows and moonroof   | S |
| Infiniti Hard Drive Navigation System with 8-inch WVGA color touch-screen display, Lane Guidance and 3-D building graphics        | P |
| Infiniti Voice Recognition for audio, navigation, and vehicle information systems   | P |
| NavTraffic with Real-Time Traffic Information (SiriusXM subscription required, sold separately)                                   | P |
| NavWeather with Real-Time Weather and 3-day forecast (SiriusXM subscription required, sold separately)                            | P |

| <b>CAPACITIES</b>                            |       |
|--|-------|
| Seating capacity                             | 5     |
| Fuel tank (gals.)                            | 17.8  |
| Passenger compartment volume (cubic feet)    | 103.6 |
| Cargo volume (cubic feet, w/temp spare tire) | 11.3  |
| Engine oil (qts.)                            | 5.2   |
| Engine coolant (qts.)                        | 8.6   |

| CURB WEIGHTS                  |       |       |
|-------------------------------|-------|-------|
| Curb weight (lbs.)            | Front | 2,123 |
|                               | Rear  | 2,001 |
|                               | Total | 4,134 |
| Weight distribution (% fr/rr) |       | 52/48 |
| GVWR (lbs.)                   |       | 5,269 |

| <b>EPA MILEAGE ESTIMATES</b><br>(Actual mileage may vary) |              |
|---|--------------|
| City  | 29           |
| Highway   | 34           |
| Combined  | 31           |
| EPA Classification  | Midsize Cars |

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| <b>PASSENGER RESTRAINT SYSTEMS</b>  |   |
|---|---|
| Infiniti Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor | S |
| Driver and front passenger seat-mounted side-impact supplemental air bags   | S |
| Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection                              | S |
| Front-seat Active Head Restraints with 4-way manual adjustment  | S |
| Front Pre-Crash Seatbelts   | P |
| Front seat belts with adjustable upper anchors, pretensioners and load limiters   | S |
| 3-point front and rear seat belts with Automatic Locking Retractor (ALR) and Emergency Locking Retractor (ELR) (driver's seat ELR only)       | S |

| <b>SAFETY FEATURES</b>   |   |
|--|---|
| Shift interlock system   | S |
| Energy-absorbing steering column   |   |
| Hood buckling creases and safety stops                                       |   |
| Front and rear crumple zones   |   |
| Body side reinforcements   |   |
| Child safety rear door locks   |   |
| LATCH System (Lower Anchors and Tethers for CHildren)                        |   |
| Power window lockout button  |   |
| Emergency inside trunk release   |   |
| Tire Pressure Monitoring System (TPMS) with individual tire pressure display |   |
| Intelligent Brake Assist (IBA) with Forward Collision Control (FCW)          | P |
| Lane Departure Warning (LDW) and Prevention (LDP) systems                    | P |
| Blind Spot Warning (BSW)   | P |
| Blind Spot Intervention® (BSI)   | P |
| Vehicle Dynamic Control (VDC) with Traction Control System (TCS)             | S |
| Approaching Vehicle Sound for Pedestrian (VSP)                               | S |

| <b>SECURITY FEATURES</b>            |   |
|-------------------------------------|---|
| Remote Keyless Entry system         | S |
| Vehicle Security System             |   |
| Infiniti Vehicle Immobilizer System |   |

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## Technical Specifications, Features and Options

| PACKAGES AND OPTIONS  |                                     |
|---|-------------------------------------|
| <b>Premium Package:</b> Infiniti Hard Drive Navigation System, Voice Recognition for audio, navigation and vehicle information systems, 8-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); Infiniti Connection telematics system with available safety, security and convenience service; single in-dash CD/DVD player; Bose® 2-channel 10-speaker Premium Audio system; Streaming Audio via Bluetooth®; leather-appointed seating; climate-controlled front seats; heated steering wheel; rear sonar system; Around View® Monitor with Moving Object Detection | O                                   |
| <b>Deluxe Touring Package:</b> Bose® Studio Surround® sound system with digital 5.1-channel decoding, 16 speakers; power rear sunshade; semi-aniline leather-appointed seating; unique quilted seat pattern with additional seat bolstering; White Ash silver-powdered wood trim; suede-like headliner; premium soft-touch material for armrests, door inserts, center console and knee pads; premium stitched meter hood   | O (requires Premium Package)        |
| <b>Technology Package:</b> Intelligent Cruise Control (Full-Speed Range); Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Distance Control Assist (DCA); Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Blind Spot Warning (BSW) and Blind Spot Intervention® (BSI) systems; Front Pre-Crash Seat Belts; Active Trace Control; Eco Pedal; Adaptive Front lighting System (AFS) with auto-leveling headlights; Forward Emergency Braking (FEB); Backup Collision Intervention (BCI); Predictive Forward Collision Warning (PFCW)   | O (requires Deluxe Touring Package) |
| <b>Pearl Paint:</b> Pearl finish for Moonlight White exterior color   |                                     |

**O** – Optional

**S** – Standard

**P** – Included in Package