

# 2016 Infiniti Q70 Hybrid

## Technical Specifications, Features and Options

Assembly Plant Location: Tochigi, Japan

**Note: 2016 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) 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 @ 1,646-2,000 rpm
Torque	214 lb-ft @ 0-1,646 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 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 Tilt Telescopic Controls Heated	4-spoke leather-appointed Power with memory Power with memory Audio, cruise control, Bluetooth® 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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<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

<b>CURB WEIGHTS</b>		
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> (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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PACKAGES AND OPTIONS	
<p><b>Premium Package:</b> Infiniti 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</p>	O
<p><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</p>	O (requires Premium Package)
<p><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)</p>	O (requires Deluxe Touring Package)
<p><b>Pearl Paint:</b> Pearl finish for Majestic White exterior color</p>	

**O** – Optional

**S** – Standard

**P** – Included in Package

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