

# 2014 Infiniti Q50 Sports Sedan – 3.7L

## Technical Specifications, Features and Options

**Note: 2014 Infiniti Q50 Hybrid specifications available at [infiniti.media.ca](http://infiniti.media.ca)**

ENGINE		
Type	VQ37VHR DOHC 24-valve	
Orientation	Vertical	
Cylinders / configuration	V6 with resin coated pistons	
Block / head composition	Aluminum-alloy/aluminum-alloy	
Displacement (litres / cc)	3.7 litres / 3,696 cc	
Horsepower	328 hp @ 7,000 rpm	
Torque	269 lb-ft @ 5,200 rpm	
Bore x stroke (mm)	95.5 x 86.0	
Compression ratio (:1)	11	
Maximum engine speed	7,500 rpm	
Induction system	Sequential multi-point fuel injection	
Valvetrain	4 valves per cylinder, Continuously Variable Valve Event and Lift (VVEL) control system	
Mounts	Front Rear	RWD & AWD – 2 liquid-filled RWD – 1 liquid-filled; AWD 1 solid
Required fuel	Premium unleaded	
Emissions system	Closed loop feedback system with 2 catalysts	
Emission certification level	50 State, LEV2	
Exhaust	Dual, with dual chrome finishers	

ELECTRICAL	
Electronic ignition system	S
130 amp alternator	
1.6 kW starter	
80D23L battery	

DRIVETRAIN		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Drive configuration Front engine/rear-wheel drive Front engine/ATESSA ET-S® all-wheel drive		S (RWD)	-	S (RWD)
		-	S (AWD)	S (AWD)
Transmission type		7-speed automatic w/Sport mode and Downshift Rev Matching		
Adaptive Shift Control		S		
Hill Start Assist		S		
Gear ratios (:1)	1 <sup>st</sup>	4.783		
	2 <sup>nd</sup>	3.102		
	3 <sup>rd</sup>	1.984		
	4 <sup>th</sup>	1.371		
	5 <sup>th</sup>	1.000		
	6 <sup>th</sup>	0.870		
	7 <sup>th</sup>	0.775		
	Rev.	3.858		
Final drive ratio (:1)		3.133		
Advanced Vehicle Dynamic Control (VDC) with cancellation switch		S		

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BODY, SUSPENSION AND STEERING		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Body type	Unibody	High-strength steel corrosion-resistant, aluminum hood		
Front suspension		Independent double-wishbone w/stabilizer bar		
Rear suspension		Multi-link independent w/stabilizer bar		
Sport tuning with double-piston KYB shocks		-	-	S
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion Available Direct Adaptive Steering		
Steering ratio non-Direct Adaptive Steering	RWD AWD	16.9:1 16.7:1		
Turns (lock-to-lock) non-Direct Adaptive Steering	RWD AWD	3.01 2.87		
Steering ratio - Direct Adaptive Steering	RWD AWD	12.07 – 36.98 11.92 – 36.54		
Turns (lock-to-lock) Direct Adaptive Steering	RWD AWD	2.125 2.026		
Turning diameter meter/(feet)	RWD AWD	11.2/(36.7) 11.4/(37.4)		

BRAKES		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Power-assisted vented disc (in.)	Front 12.6 x 1.1	S		-
	Rear 12.1 x 0.6	S		-
	Front 14.0 x 1.3	-	-	S
	Rear 13.8 x 0.8	-	-	S
4-piston front/2-piston rear calipers		-	-	S
Electronic Brake force Distribution		S		
Brake Assist with Preview Braking Function		S		
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S		
Parking brake		Foot-operated		

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WHEELS AND TIRES		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
<b>Wheels</b>				
Aluminum-alloy	17x7.5-in machine finish	S		-
	19x8-in split 5-spoke	-	-	S
<b>Tires</b>				
All-Season	Bridgestone 225/55R17	S		-
Summer	Dunlop 245/40R19	-	-	S(Q50x AWD Sport)
Temporary T145/70R18 spare		S		

EXTERIOR DIMENSIONS mm/(inches)		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Wheelbase		2,850/(112.2)		
Overall length		4,783/(188.3)		4803/(189.1)
Overall width		1,824/(71.8)		
Overall height	RWD	1,443/(56.8)		
	AWD	1,453/(57.2)		
Front track width	RWD	1,544/(60.8)		
	AWD	1,534/(60.4)		
Rear track width	RWD	1,570/(61.8)		
	AWD	1,560/(61.4)		
Minimum ground clearance	RWD	129.5/(5.1)		122/(4.8)
	AWD	132.1/(5.2)		122/(4.8)
Coefficient of Drag (Cd)	RWD	0.26	0.26	0.27
	AWD	0.26	0.26	0.28

EXTERIOR FEATURES AND OPTIONS		Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Signature LED headlights (LED high/low beam), daytime running lights		S		
Automatic on/off		S		
Adaptive Front lighting System (AFS) with high beam assist technology		-	P	P
Front LED fog lights and turn signals (mounted in lower fascia)		S		
Body-colour dual power controlled heated outside mirrors		S		
Auto dimming outside mirrors with reverse synchronization, memory feature		-	P	P
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation		S		
Unique sport front fascia		-	-	S
Speed-sensing flat-blade variable intermittent front windshield wipers		S		
Front door handle courtesy lights		S		
Dual chrome exhaust finishers		S		

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<b>INTERIOR DIMENSIONS mm/(inches)</b>	<b>Front</b>	<b>Rear</b>
Headroom without moonroof	1,021.08/(40.2)	952.5/(37.5)
Headroom with moonroof	1,003.3/(39.5)	934.72/(36.8)
Shoulder room	1,440.18/(56.7)	1,424.94/(56.1)
Hip room	1,351.28/(53.2)	1,333.5/(52.5)
Legroom	1,130.3/(44.5)	891.54/(35.1)

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>Q50 3.7</b>	<b>Q50x AWD Premium 3.7</b>	<b>Q50S 3.7</b>
Leatherette seating surfaces with front embroidered Infiniti logo	S	-	-
Leather-appointed seats	-	S	-
Sport-type leather-appointed seats	-	-	S
8-way power driver's seat w/manual adjustable lumbar support	S	S	-
Front sport driver's seat with manual thigh extension and power lumbar, thigh and torso bolster adjustment	-	-	S
8-way power front passenger's seat	S	S	S
Front sport passenger's seat with manual thigh extension	-	-	S
Leather-covered steering wheel with illuminated audio and cruise control buttons	S		
Heated steering wheel	S		
Fine Vision electroluminescent instrumentation	S		
Infiniti InTouch™ dual display system with upper 8" and lower 7" VGA LCD touch screens	S		
Infiniti Controller	S		
Infiniti InTuition™: a fully customizable digital environment for storing driver settings to Intelligent Key	S		
"Kacchu" finish aluminum trim	S		
Maple wood trim	-	P	P
Aluminum sill plates w/ "Infiniti" script	S		
Heated front seats	-	S	S
Around View® Monitor with Moving Object Detection (MOD)	-	P	P
RearView Monitor	S		
HomeLink® Universal Transceiver	-	S	S
Bluetooth® Hands-free Phone System with hands-free text messaging assistant	S		
Dual Zone Automatic Temperature Control with microfiltration	S		
Advanced Climate Control System (ACCS) with Plasmacluster® air purifier	-	P	P

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### *Technical Specifications, Features and Options*

Aluminum accented pedals	-	-	S
Memory system for driver's seat, steering wheel and outside mirror	-	P	P
Driver's seat, steering wheel and outside mirrors position synchronization	-	P	P
Power tilt and telescope steering wheel with entry/exit assist	-	P	P
Rear Sonar System	-	P	P
60/40 split folding rear seat	-	S	S
Fold-down rear center armrest with trunk pass-through feature	S	-	-
Rear window defroster with indicator light and timer	S		
Illuminated entry system with time delay fade-out	S		
Front seatback pockets	S		
Cruise control w/ steering wheel mounted controls	S		
Intelligent Cruise Control	-	P	P
Power windows with front one-touch auto-up/down with auto-reverse feature, remote keyless entry operable	S		
Remote trunk release, electromagnetic trunk opener	S		
Locking glove compartment with light	S		
Driver and front-passenger sun visors with extenders and illum. vanity mirrors	S		
Dual overhead map lights w/ sunglasses holder	S		
Rear seat reading lights	S		
Cupholders, 4 front, 2 rear	S		
Infiniti Intelligent Key system with push button ignition	S		
Trunk illumination and hooks (4)	S		
Solid magnesium paddle shifter	-	-	S
Front armrest with storage compartment, 12-volt power outlets (2), auxiliary jack, video input and two USB connection ports	S		
Retained accessory power for windows and moonroof (if equipped)	S		

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INSTRUMENTATION	
Analog speedometer, tachometer, coolant temperature and fuel gauges and white electroluminescent instrumentation	S
Odometer with dual trip meters	
Multi-function trip computer display w/instant fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	

AUDIO AND NAVIGATION SYSTEMS	Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
6-speaker audio system with RDS, MP3 playback capability and in-dash CD player	S	-	-
Infiniti Studio on Wheels by Bose® Premium Audio system with 14 speakers, Bose® Centerpoint® simulated sound, CD player, RDS and MP3 playback capability	-	S	S
HD radio	S		
Speed sensing volume control	S		
Two USB inputs, aux input and video input	S		
Rear window in-glass diversity antenna	S		
SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)	S		
SiriusXM Travel Link with access to weather, fuel prices, stocks, sports and movie times (SiriusXM subscription required, sold separately; late availability)	S		
Steering-wheel mounted audio controls	S		
Infiniti Voice Recognition	S		
Infiniti InTouch™ Navigation System with Lane Guidance and 3-D building graphics, Infiniti Connection telematics system including one year of safety, security and convenience services, SiriusXM Traffic including real-time traffic information (SiriusXM subscription required, sold separately), Voice Recognition for navigation functions, including one-shot voice destination	-	P	S

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## Technical Specifications, Features and Options

CAPACITIES	
Seating capacity	5
Interior passenger vol. – Litres/(cu. ft.)	2,831.7 /(100) w/moonroof
Trunk volume - Litres/(cu. ft.)	283.2/(10)
Fuel tank – Litres/(gals.)	75.7/(20.0)
Engine oil – Litres/(qts.)	4.9/(5.2)
Engine coolant – Litres/(qts.)	11/(11.6)

CURB WEIGHTS kg/(lbs)	Q50 3.7 RWD	Q50x AWD Premium 3.7	Q50S 3.7 RWD	Q50S 3.7 AWD
Front	900(1,984)	973(2,145)	919(2,026)	986(2,174)
Rear	721(1,590)	745(1,642)	748(1,649)	760(1,675)
Total	1,621(3,574)	1,718(3,787)	1,667(3,675)	1,746(3,849)
Weight distribution (% fr/rr, w/ driver)	55.5/44.5	56.6/43.4	55.1/44.9	56.5/43.5
GVWR - kg (lbs.)	2,190(4,828)	2,270(5,004)	2,190(4,828)	2,270(5,004)

EPA MILEAGE ESTIMATES (L/100km) <i>(actual mileage may vary)</i>	Q50 3.7 RWD	Q50x AWD Premium 3.7	Q50S 3.7 RWD	Q50S 3.7 AWD
City	10.6	11.1	10.6	11.1
Highway	6.7	7.3	6.7	7.3
Combined	8.8	9.4	8.8	9.4
EPA Classification	Mid-size cars			

SAFETY AND SECURITY FEATURES	Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with occupant classification sensor	S		
Front seat-mounted side impact supp. air bags			
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection			
LATCH System (Lower Anchors and Tethers for CHildren)			
Front seat belts with pretensioners and load limiters			
Zone Body construction			
Power window lockout function			
Shift interlock system			
Energy-absorbing steering column			
Vehicle Security System with indicator light and Infiniti Vehicle Immobilizer System			
Remote Keyless Entry system with panic alarm			
Vehicle Dynamic Control (VDC)			
Tire Pressure Monitoring System (TPMS)			
Brake-Operated Pre-Crash Seat Belts	-	P	P

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### Technical Specifications, Features and Options

Blind Spot Warning (BSW) and Blind Spot Intervention <sup>®</sup> (BSI)	-	P	P
Intelligent Cruise Control (Full Speed Range)	-	P	P
Backup Collision Intervention (BCI)	-	P	P
Distance Control Assist (DCA)	-	P	P
Forward Collision Warning (FCW)	-	P	P
Predictive Forward Collision Warning (PFCW)	-	P	P
Forward Emergency Braking (FEB)	-	P	P
Lane Departure Warning (LDW)	-	P	P
Lane Departure Prevention with Active Lane Control <sup>™</sup> (utilizing world's first production Direct Adaptive Steering technology)	-	P	P

PACKAGES AND OPTIONS	Q50 3.7	Q50x AWD Premium 3.7	Q50S 3.7
<b>Navigation Package:</b> Infiniti InTouch <sup>™</sup> Navigation System with Lane Guidance and 3-D building graphics, Infiniti Connection telematics system including one year of safety, security and convenience services, SiriusXM Traffic including real-time traffic information (SiriusXM subscription required, sold separately), Voice Recognition for navigation functions, including one-shot voice destination entry	-	O	S
<b>Deluxe Touring Package (RWD only):</b> Power tilt and telescoping steering wheel, Direct Adaptive Steering <sup>™</sup> , auto-dimming outside mirrors, memory function for steering wheel, driver's seat and outside mirrors (linked to Intelligent Key), genuine wood trim, 60/40 split fold-down rear seat with center armrest and pass-thru, Around View <sup>®</sup> Monitor with Moving Object Detection (MOD), front and rear parking sensors, rain-detecting windshield wipers	-	-	S



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<b>Deluxe Touring &amp; Technology Package (AWD models):</b> Power tilt and telescoping steering wheel, Direct Adaptive Steering™, auto-dimming outside mirrors, memory function for steering wheel, driver's seat and outside mirrors (linked to Intelligent Key), genuine wood trim, 60/40 split fold-down rear seat with center armrest and pass-thru, Around View® Monitor with Moving Object Detection (MOD), front and rear parking sensors, rain-detecting windshield, Adaptive Front lighting System (AFS) with high beam assist technology, Distance Control Assist (DCA), Blind Spot Warning (BSW) and Blind Spot Intervention (BSI), Front Pre-Crash Seat Belts, Intelligent Cruise Control (Full-Speed Range), Forward Collision Warning (FCW), Predictive Forward Collision Warning (PFCW), Forward Emergency Braking (FEB), Lane Departure Warning (LDW), Lane Departure Prevention (LDP) with Active Lane Control, Eco pedal, Advanced Climate Control System (ACCS) with Plasmacluster® air purifier	-	O	O
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**O** – Optional

**S** – Standard

**P** – Included in Package