

2018 INFINITI Q50 SPORTS SEDAN - 2.0T

Technical Specifications, Features and Options

Note: 2018 INFINITI Q50 3.0t and Q50 Hybrid specifications available at INFINITInews.com

ENGINE	
Type	DOHC 16-valve turbocharged inline-4 cylinder
Orientation	Longitudinal
Cylinders / configuration	Inline 4 with resin coated pistons
Block / head composition	Aluminum-alloy/aluminum-alloy
Displacement (liters / cc)	2.0 liters / 1,991 cc
Horsepower	208 hp @ 5,500 rpm
Torque	258 lb-ft @ 1,500 - 3,500 rpm
Bore x stroke (mm)	83.0 x 92.0
Compression ratio (:1)	9.8
Maximum engine speed	6,300 rpm
Induction system	Turbocharger
Fuel delivery system	Direct fuel injection
Valvetrain	4 valves per cylinder, Variable Valve Timing Control system
Mounts	Front Rear
	2 liquid-filled 1 liquid-filled (RWD), 1 solid (AWD)
Idle stop-start system	Standard
Required fuel	Premium unleaded
Emissions system	Closed loop feedback system with 2 catalysts
Emission certification level	Tier3-Bin125/LEV2-ULEV
Exhaust	Dual with finishers

ELECTRICAL	
Electronic (direct) ignition system	S
150 amp alternator	
1.7 kW starter	
S-95 battery, 75 Ah main; Q85-MF 62 Ah (secondary)	

DRIVETRAIN	Q50 2.0t PURE	Q50 2.0t LUXE
Front engine/rear-wheel drive	S (RWD)	S (RWD)
Front engine/ATESSA ET-S® all-wheel drive	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 st	4.783
	2 nd	3.103
	3 rd	1.984
	4 th	1.371
	5 th	1.000
	6 th	0.871
	7 th	0.776
	Rev.	3.859
Final drive ratio (:1)	2.937 (RWD)	3.133(AWD)
Advanced Vehicle Dynamic Control (VDC) with cancellation switch	S	

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BODY, SUSPENSION AND STEERING		Q50 2.0t PURE	Q50 2.0t LUXE
Body type	Unibody	High-strength steel corrosion-resistant, aluminum hood	
Front suspension - Independent double-wishbone with coil springs over Dual Flow Path® shock absorbers, 31.8 mm stabilizer bar		S	S
Rear suspension - Multi-link independent with coil springs over Dual Flow Path® shock absorbers, 20.0 mm stabilizer bar		S	S -
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion - Hydraulic Electric	
Steering ratio		16.7:1	
Turns (lock-to-lock)		2.87	
Turning diameter (feet)	RWD	36.7	
	AWD	37.4	

BRAKES		Q50 2.0t PURE	Q50 2.0t LUXE
Power-assisted vented disc (in.)	Front 12.6 x 1.1	S	S
	Rear 12.1 x 0.6	S	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	
Active Trace Control (ATC)		S	
Parking brake		Foot-operated	

WHEELS AND TIRES		Q50 2.0t PURE	Q50 2.0t LUXE
Wheels			
17x7.5-in. split 5-spoke aluminum-alloy, machined surface		S	-
18x7.5-in. aluminum-alloy		-	S
Tires			
225/55R17 all-season run-flat		S	-
225/50R18 all-season run-flat		-	S
Tire Pressure Monitoring System (TPMS), direct sensor type		S	

EXTERIOR DIMENSIONS (inches)		Q50 2.0t PURE	Q50 2.0t LUXE
Wheelbase		112.2	
Overall length		189.6	
Overall width		71.8	
Overall height	RWD	57.2	
	AWD	57.2	
Front track width		60.8	
Rear track width		61.6	

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Minimum ground clearance	RWD	5.0
	AWD	5.0
Coefficient of Drag (Cd)		0.26 RWD/AWD
		0.26 RWD/0.27 AWD

EXTERIOR FEATURES AND OPTIONS	Q50 2.0t PURE	Q50 2.0t LUXE
Signature LED headlights (LED high/low beam), daytime running lights		S
Automatic on/off		S
Front LED fog lights and turn signals (mounted in lower fascia)		S
Rear LED brake lights and center high-mounted stoplight (CHMSL)		S
Body-color dual power controlled heated outside mirrors		S
Auto dimming outside mirrors with reverse synchronization, memory feature	-	0
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	-	S
Speed-sensing flat-blade variable intermittent front windshield wipers		S
Rain-sensing front windshield wipers		S
Front door handle courtesy lights		S
Dual chrome exhaust finishers		S
Chrome front bumper finishers	-	S

INTERIOR DIMENSIONS (inches)	Front	Rear
Headroom without moonroof	40.2	37.5
Headroom with moonroof	39.5	36.8
Shoulder room	56.7	56.1
Hip room	53.2	52.5
Legroom	44.5	35.1

INTERIOR FEATURES AND OPTIONS	Q50 2.0t PURE	Q50 2.0t LUXE
Leatherette seating surfaces	S	S
8-way power driver's seat w/2-way manual adjustable lumbar support	S	S
8-way power front passenger's seat w/2-way manual adjustable lumbar support	S	S
Driver's seat power lumbar support	-	0
Heated front seats	-	0
60/40 split-folding rear seat	-	0
Leather-covered steering wheel with illuminated audio and cruise control buttons		S
Heated steering wheel	-	0
Fine Vision electroluminescent instrumentation		S

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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	
Lunar Black trim	S	-
Maple wood trim	-	S
Aluminum sill plates w/ “INFINITI” script	S	
Around View® Monitor with Moving Object Detection	-	0
RearView Monitor	S	
HomeLink® Universal Transceiver	-	S
Bluetooth® Hands-free Phone System with hands-free text messaging assist.	S	
Bluetooth® Streaming Audio	S	
Dual Zone Automatic Temperature Control with microfiltration	S	
Front and rear parking sensors	-	0
Fold-down rear center armrest with trunk pass-through feature	-	0
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	
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	
Cup holders, 4 front, 2 rear	S	
INFINITI Intelligent Key system with push button ignition	S	
Trunk illumination and hooks (4)	S	
Front armrest with storage compartment, 12-volt power outlets	S	

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(2), auxiliary jack, video input and two USB connection ports	
Retained accessory power for windows and moonroof (if equipped)	S

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 2.0t PURE	Q50 2.0t LUXE
6-speaker audio system with RDS, MP3 playback capability and in-dash CD player	S	-
HD radio		S
Speed sensing volume control		S
Two USB inputs, aux input and video input		
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) with 4-year complimentary access		S
Steering-wheel mounted audio controls		S
INFINITI Voice Recognition		S
INFINITI InTouch™ with Navigation and INFINITI InTouch™ Services, with lane guidance and 3D building graphics, voice recognition for navigation functions, including one-shot voice destination entry, INFINITI InTouch™ Services with six months of safety, security and convenience services, SiriusXM® Traffic, including real-time traffic information (SiriusXM® subscription required, sold separately)	-	0

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CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft.)	100.0 w/moonroof, 101.5 w/o moonroof
Trunk volume (cu. ft.)	13.2
Fuel tank (gals.)	20.0
Engine oil (qts.)	7.4
Engine coolant (qts.)	9.5

CURB WEIGHTS (lbs)	Q50 2.0t PURE RWD	Q50 2.0t PURE AWD	Q50 2.0t LUXE RWD	Q50 2.0t LUXE AWD
Front	1,975	2,092	2,002	2,116
Rear	1,696	1,711	1,724	1,742
Total	3,671	3,803	3,726	3,858
Weight distribution (% fr/rr, w/ driver)	54/46	55/45	54/46	55/45
GVWR (lbs.)	4,780	4,940	4,780	4,940

EPA MILEAGE ESTIMATES (Actual mileage may vary)	RWD	AWD
City	23	22
Highway	30	28
Combined	25	24
EPA Classification	Mid-size cars	

SAFETY AND SECURITY FEATURES	Q50 2.0t PURE	Q50 2.0t LUXE
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		
Blind Spot Warning	-	0
Backup Collision Intervention with Rear Cross Traffic Alert	-	0
Predictive Forward Collision Warning	-	0
Forward Emergency Braking	-	0

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PACKAGES AND OPTIONS	Q50 2.0t PURE	Q50 2.0t LUXE
Essential Package: INFINITI InTouch™ with Navigation and INFINITI InTouch™ Services – INFINITI InTouch™ with Navigation with Lane Guidance and 3-D building graphics, Voice Recognition for navigation functions, including one-shot voice destination entry; INFINITI InTouch™ Services with six months of safety, security and convenience services; SiriusXM® Traffic, including real-time traffic information (four years free service) (SiriusXM® subscription required, sold separately); heated steering wheel; driver/front passenger heated seats; 60/40 split fold-down rear seat with center armrest and pass-thru; front driver’s seat power lumbar	-	0
ProASSIST Package: Blind Spot Warning; Backup Collision Intervention with Rear Cross Traffic Alert; Around View® Monitor with Moving Object Detection; front and rear parking sensors; Forward Emergency Braking; Predictive Forward Collision Warning; Active Pedal	-	0

0 – Optional

S – Standard

7/17