

# SPECIFICATIONS

	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport	Q50 3.0t Premium	Q50 3.0t Sport	Q50 Red Sport 400	Q50 Hybrid Premium
<b>POWER</b>							
<b>Engine</b>							
2.0-liter I4 (1991cc), Turbocharged 16-valve Inline 4-cylinder engine, aluminum-alloy block and head with Idle Stop Start	•	•	•				
3.0-liter V6 twin-turbo (2997cc), Turbocharged 24-valve engine, aluminum-alloy block and heads with water-cooled air charging system				•	•		
3.0-liter V6 twin-turbo (2997cc), Turbocharged 24-valve engine, aluminum-alloy block and heads with water-cooled air charging system, two turbo speed sensors and dual water pumps						•	
3.5-liter V6 with INFINITI Direct Response Hybrid,* utilizing a lithium-ion battery and 50 kW electric motor							•
<b>Valvetrain</b>							
Double overhead camshaft (DOHC), 4 valves per cylinder with hydraulic Variable Valve Timing Control System	•	•	•				
Double overhead camshaft (DOHC), 4 valves per cylinder with Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake valves				•	•	•	
Double overhead camshaft (DOHC), 4 valves per cylinder with microfinished camshafts. Steel intake and exhaust valves. Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake and exhaust valves							•
<b>Fuel Economy</b>							
EPA Estimated Fuel Economy (mpg) <sup>4</sup> (city/highway) - RWD	23/31	23/31	23/31	20/29	20/29	20/26	27/32
EPA Estimated Fuel Economy (mpg) <sup>4</sup> (city/highway) - AWD	22/28	22/28	22/28	19/27	19/27	19/26	26/30
<b>Horsepower</b>							
208 hp @ 5,500 rpm	•	•	•				
300 hp @ 6,400 rpm				•	•		
400 hp @ 6,400 rpm						•	
360 hp (Hybrid System Net Power)							•
<b>Torque</b>							
258 lb-ft @ 1,500-3,500 rpm	•	•	•				
295 lb-ft @ 1,600-5,200 rpm				•	•		
350 lb-ft @ 1,600-5,200 rpm						•	
Peak engine 258 lb-ft and peak electric motor 214 lb-ft							•
<b>Transmission</b>							
Electronically controlled 7-speed automatic with Adaptive Shift Control (ASC) and Hill Start Assist. Driver-adaptive learning algorithm senses driving style and adjusts automatic shifting accordingly. Manual shift mode offers sequentially selectable manual gearshifts and Downshift Rev Matching (DRM)	•	•	•				
Electronically controlled 7-speed automatic with Adaptive Shift Control (ASC), Hill Start Assist and dual automatic transmission fluid coolers. Driver-adaptive learning algorithm senses driving style and adjusts automatic shifting accordingly. Manual shift mode offers sequentially selectable manual gearshifts and Downshift Rev Matching (DRM)				•	•	•	•
Navi Synchronized Adaptive Shift Control		○	○	○	○	○	•
INFINITI Drive Mode selector settings allows driver to choose between Standard, Sport, Snow, Eco or Personal mode	•	•	•	•	•	•	•
<b>Drive Type</b>							
Rear-wheel drive	•	•	•	•	•	•	•
Intelligent All-Wheel Drive (AWD)	○	○	○	○	○	○	○
<b>HANDLING</b>							
<b>Steering</b>							
Type	Hydraulic Electronic Power Steering with vehicle-speed-sensitive adjustability	•	•	•			
	RACK EPS			•	•	•	
	Direct Adaptive Steering*			○	○	○	•
Turning diameter	36.7 feet (RWD)	•	•	•	•	•	•
	37.4 feet (AWD)	○	○	○	○	○	○
Active Trace Control <sup>20</sup>		•	•	•	•	•	•

• Standard ○ Available

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<b>HANDLING (continued)</b>							
<b>Suspension</b>							
Standard Front	•	•		•			
Standard Rear	•	•		•			
Dynamic Digital Suspension Front						•	•
Dynamic Digital Suspension Rear					•	•	
Sport-tuned Front							•
Sport-tuned Rear				•			•
<b>Brakes</b>							
Standard (Front/Rear)	•	•		•			•
Sport				•	•	•	
Hybrid							•
<b>Wheels and Tires</b>							
Standard	•	•		•			
Sport RWD				•	○	•	•
Red Sport 400 RWD							•
Sport AWD				•	○	•	•
Red Sport 400 AWD							•
Spare Tire					○		
<b>EXTERIOR</b>							
<b>Features</b>							
Automatic on/off LED headlights with Daytime Running Lights and front LED fog lights	•	•	•	•	•	•	•
High beam assist headlights (high/low automatic change)				○	○	○	○
LED rear brake lights and center high-mounted stoplight (CHMSL)	•	•	•	•	•	•	•
Comprehensive airflow management for low coefficient of drag (Cd) and zero-lift front and rear aerodynamics	•	•	•	•	•	•	•
Power sliding tinted glass moonroof with one-touch auto-open/close, tilt feature and sliding sunshade	○	•	•	•	•	•	•
Remote keyless entry system with door handle touch selective unlocking of driver's door or all doors	•	•	•	•	•	•	•
Remote power-opening of windows using INFINITI Intelligent Key	•	•	•	•	•	•	•
Power heated outside mirrors with integrated LED turn signal lamp	•	•	•	•	•	•	•
Auto-dimming outside mirrors with reverse tilt-down feature		○	•	○	•	•	•
Rain-sensing front windshield wipers	•	•	•	•	•	•	•
Front door handle courtesy lights	•	•	•	•	•	•	•
Dual chrome exhaust finishers	•	•	•	•	•		•
Unique dual exhaust tips with brushed satin finish						•	

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<b>INTERIOR</b>							
<b>Features</b>							
INFINITI Intelligent Key with Push Button Ignition	•	•	•	•	•	•	•
Dual Zone Automatic Temperature Control (ATC) system with microfilter	•	•	•	•	•	•	•
Advanced Climate Control System (ACCS) with auto-recirculation, Plasmacluster® air purifier and Grape Polyphenol Filter <sup>10</sup>		•	•	•	•	•	•
Rear console-mounted air vents and rear floor heater ducts	•	•	•	•	•	•	•
Power windows with illuminated switches and one-touch auto-up/down with auto-reverse feature	•	•	•	•	•	•	•
Power door locks with automatic locking feature	•	•	•	•	•	•	•
Valet key and trunk lockout feature	•	•	•	•	•	•	•
Retained accessory power for windows and moonroof (if equipped)	•	•	•	•	•	•	•
Sequential welcome lighting illuminated entry system with delayed fade-out	•	•	•	•	•	•	•
Front sun visors with illuminated vanity mirrors	•	•	•	•	•	•	•
Dual overhead front map lights with overhead sunglasses storage; rear-seat reading lights	•	•	•	•	•	•	•
Front seatback map pockets; front door pockets	•	•	•	•	•	•	•
Dual front and rear cup holders and front door bottle holders	•	•	•	•	•	•	•
Front armrest with storage compartment, two 12-volt power outlets, auxiliary input jacks and two USB connection ports <sup>21</sup>	•	•	•	•	•	•	•
Fold-down rear-center armrest with cupholders	•	•	•	•	•	•	•
Battery saver helps prevent accidental discharging if electrical accessories are left on	•	•	•	•	•	•	•
Front and rear carpeted floor mats	•	•	•	•	•	•	•
<b>Seating and Trim</b>							
Leather-appointed seating		◦	•	◦	•	•	•
Kacchu aluminum interior trim	•	•	•	•	•	•	•
Maple wood trim				◦	◦	◦	•
8-way power driver's seat with adjustable manual lumbar support; 8-way power front-passenger's seat	•	•		•			
8-way power driver's seat with adjustable power lumbar support; 8-way power front-passenger's seat		◦		◦			•
8-way power sport type leather-appointed front seats. Driver's seat power lumbar and power torso support adjustments with manual thigh extension			•		•	•	
60/40-split folding rear seatbacks		◦	•	◦	•	•	
Dual occupant memory system for driver's seat, mirrors and steering wheel settings, linked to individual Intelligent Keys		◦	•	◦	•	•	•
Entry/exit assist for driver's seat and steering wheel		◦	•	◦	•	•	•
Heated front seats		◦	◦	◦	◦	◦	•
Heated steering wheel		◦	◦	◦	◦	◦	•
Leather-wrapped 3-spoke steering wheel and shift knob with aluminum accent	•	•	•	•	•	•	•
Aluminum front doorsill kick plates with INFINITI logo	•	•	•	•	•	•	•
Aluminum-accented pedals and footrest			•		•	•	
<b>Audio and Entertainment System</b>							
6-speaker audio system with high-definition AM/FM radio, CD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control	•						
Bose® Performance Series Audio System with Advanced Staging Technology, Centerpoint™ 2.0 Surround, AudioPilot™ 2.0 Noise Compensation, 16 speakers (featuring door-mounted metal/aluminum speaker grilles), AM/FM High-Definition (HD) radio, CD player with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control		•	•	•	•	•	•
Two USB connection ports for iPhone™ interface, flash drive or other compatible devices <sup>21</sup>	•	•	•	•	•	•	•
SiriusXM™ Satellite Radio with 3-month trial subscription <sup>19</sup>	•	•	•	•	•	•	•
Driver's Audio Stage		•	•	•	•	•	•
Multimedia playback of digital files from a USB flash drive on WVGA color display <sup>21</sup>		•	•	•	•	•	•
Steering wheel-mounted audio controls	•	•	•	•	•	•	•
Dual in-glass diversity antennas	•	•	•	•	•	•	•

• Standard ◦ Available

**INTERIOR (continued)**

**Instrumentation and Driver Controls**

	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport	Q50 3.0t Premium	Q50 3.0t Sport	Q50 Red Sport 400	Q50 Hybrid Premium
INFINITI InTouch™ dual display system screens, LCD/VGA 8-inch upper and 7-inch lower color vehicle-information displays <sup>6</sup>	•	•	•	•	•	•	•
INFINITI InTouch™ Services <sup>6</sup> with 6 months of safety, security and convenience features. INFINITI InTouch™ with Navigation		◦	◦	◦	◦	◦	•
INFINITI Voice Recognition for audio and vehicle information systems	•	•	•	•	•	•	•
Bluetooth™ Hands-free Phone System and Bluetooth Streaming Audio <sup>16</sup>	•	•	•	•	•	•	•
SiriusXM™ Travel Link™ services, including weather, fuel prices, movie times, sports scores and stocks <sup>19</sup>	•	•	•	•	•	•	•
Energy usage instrument meter with special split-screen viewing display. Direct Response Hybrid™ system display shows energy flow and real-time fuel efficiency							•
RearView Monitor <sup>22</sup>	•	•	•	•	•	•	•
Around View™ Monitor with Moving Object Detection and Front and Rear Sonar System <sup>9,23</sup>		◦	◦	◦	◦	◦	•
Multi-function trip computer with fuel range and outside temperature display	•	•	•	•	•	•	•
Fine Vision electroluminescent gauges	•	•	•	•	•	•	•
Tilt and telescopic steering column	•	•		•			
Power tilt and telescopic steering column		◦	•	◦	•	•	•
Solid-magnesium paddle shifters			•		•	•	
Auto-dimming inside mirror with HomeLink™ Universal Transceiver	•	•	•	•	•	•	•
Cruise control with steering wheel-mounted switches	•	•	•	•	•	•	•

**SAFETY FEATURES**

**Safety**

INFINITI Advanced Air Bag System (AABS) includes dual-stage front supplemental air bags with an occupant-classification sensor. Air bag inflation rate is adjusted depending on crash severity. If the front-passenger's seat is empty, a sensor will deactivate the air bag <sup>14</sup>	•	•	•	•	•	•	•
Driver and front-passenger side-impact supplemental air bags <sup>14</sup>	•	•	•	•	•	•	•
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection <sup>14</sup>	•	•	•	•	•	•	•
Front seat belts with pretensioners and load limiters, driver's seat Emergency Locking Retractor (ELR) and passenger's seat ELR and Automatic Locking Retractor (ALR)	•	•	•	•	•	•	•
Second-row 3-point seat belts with ELR and ALR	•	•	•	•	•	•	•
Zone Body construction with reinforced passenger compartment and front and rear crumple zones	•	•	•	•	•	•	•
LATCH System (Lower Anchors and Tethers for Children) helps simplify proper installation of compatible child restraint seats	•	•	•	•	•	•	•
Brake Assist (BA) <sup>24</sup>	•	•	•	•	•	•	•
4-wheel Anti-lock Braking System (ABS) with Electronic Brake force Distribution (EBD)	•	•	•	•	•	•	•
Advanced Vehicle Dynamic Control (VDC) <sup>25</sup> with Traction Control System (TCS)	•	•	•	•	•	•	•
Tire Pressure Monitoring System (TPMS) provides specific information for each tire and low pressure warning <sup>26</sup>	•	•	•	•	•	•	•
Slide-away brake pedal assembly	•	•	•	•	•	•	•
Emergency inside trunk release	•	•	•	•	•	•	•
Approaching Vehicle Sound for Pedestrians (VSP)							•
Front-seat Pre-Crash Seat Belts				◦	◦	◦	◦
Backup Collision Intervention (BCI) <sup>13</sup>		◦	◦	◦	◦	◦	•
Blind Spot Warning (BSW) <sup>12</sup>		◦	◦	◦	◦	◦	•
Blind Spot Intervention (BSI) <sup>12</sup>				◦	◦	◦	◦
Predictive Forward Collision Warning (PFCW) <sup>2</sup>		◦	◦	◦	◦	◦	•
Forward Emergency Braking (FEB) <sup>11</sup>		◦	◦	◦	◦	◦	•
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) Systems <sup>5</sup> with Active Lane Control <sup>3</sup>				◦	◦	◦	◦
<b>Security</b>							
Remote keyless entry system with door handle touch selective unlocking of driver's door or all doors	•	•	•	•	•	•	•
Vehicle Security System with INFINITI Vehicle Immobilizer System	•	•	•	•	•	•	•

• Standard ◦ Available

