

# 2012 Infiniti G37 Convertible

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	
Type	VQ37VHR DOHC 24-valve
Orientation	Vertical
Cylinders / configuration	V6
Block / head composition	Aluminum / aluminum
Displacement (liters / cc)	3.7 liters / 3696cc
Horsepower	325 @ 7,000 rpm
Torque	267 @ 5,200 rpm
Bore x stroke (mm)	95.5 x 86.0
Compression ratio (:1)	11.0
Maximum engine speed	7,500 rpm
Induction system	Sequential multi-point fuel injection
Valvetrain	4 valves per cylinder
Mounts (sides/rear)	2 liquid-filled / 1 liquid-filled
Required fuel	Premium unleaded
Emissions system	Closed loop feedback system with 3-way catalysts
Emission certification level	50 State, LEV2
Exhaust	Dual tail tubes with dual chrome finishers

<b>ELECTRICAL</b>	
Electronic ignition system	S
150 amp alternator	
1.6 kW starter	
80D23L battery	

<b>DRIVETRAIN</b>		<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Drive configuration		Front engine/rear-wheel drive	
Vehicle Dynamic Control (VDC)		S	
Transmission type		7-speed automatic w/DS mode and Downshift Rev Matching	6-speed manual
Gear ratios (:1)		<b>7A/T</b>	<b>6M/T</b>
	<b>1<sup>st</sup></b>	4.923	3.794
	<b>2<sup>nd</sup></b>	3.193	2.324
	<b>3<sup>rd</sup></b>	2.042	1.624
	<b>4<sup>th</sup></b>	1.411	1.271
	<b>5<sup>th</sup></b>	1.000	1.000
	<b>6<sup>th</sup></b>	0.862	0.794
	<b>7<sup>th</sup></b>	0.771	-
	<b>Reverse</b>	3.972	3.446
Final drive ratio (:1)		3.357	3.916

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<b>BODY, SUSPENSION AND STEERING</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Body type	Corrosion-resistant high-strength steel unibody with aluminum hood	
Front suspension	Independent double wishbone w/ stabilizer bar	
Rear suspension	Independent multi-link w/ stabilizer bar	
Steering type	Rack-and-pinion with vehicle-speed-sensitive power steering system	
Sport-tuned steering	P	S
Steering ratio (:1)	16.4, 14.7 (P)	14.7
Turning diameter (curb-to-curb) feet	36.1	
Turns (lock-to-lock)	3.09	2.73

<b>BRAKES</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Front Type	Power-assisted vented disc	
Rotor size (inches) 13.0 x 1.3	S	-
14.0x1.3	P	S
Rear Type	Power-assisted vented disc	
Rotor size (inches) 13.0 x 0.6	S	-
13.8 x 0.8	P	S
Electronic Brake force Distribution (EBD)	S	
Brake Assist	S	
Anti-lock Braking System (ABS)	4-channel/4-sensor	

<b>WHEELS AND TIRES</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
<b>Wheels</b>		
10-spoke 18x8.0-inch front, 18x8.5-inch rear aluminum-alloy	S	-
Split V-spoke 19x8.5-inch front, 19x9.0-inch rear aluminum-alloy	O	S
<b>Tires</b>		
Fr: P225/50R18 94V, Rr: P245/45R18 96V all season tires	S	-
Fr: P225/45R19 96W; Rr: P245/40R19 98W, summer tires	P	S
Temporary spare tire in trunk	S	
Tire Pressure Monitoring System	S	

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<b>EXTERIOR DIMENSIONS (inches)</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Wheelbase	112.2	
Overall length	183.3	184.0
Overall width	72.9	
Overall height	55.1	
Front track width	60.8	
Rear track width 18-inch/19-inch tires	62.8/62.6	
Coefficient of Drag (Cd)	0.30, 0.31 (Sport 6MT and Sport Pkg.)	

<b>EXTERIOR FEATURES AND OPTIONS</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Unique Sport front fascia	P	S
High Intensity Discharge (HID) bi-functional xenon headlights	S	
Auto on/off headlights	S	
Body-color dual power folding, heated remote-controlled outside mirrors with 2-position memory	S	
3-piece automatically retracting power hardtop	S	

<b>INTERIOR DIMENSIONS (inches)</b>	<b>Front</b>	<b>Rear</b>
Head room (top up)	39.4	34.5
Shoulder room	53.7	45.8
Hip room	53.4	41.7
Leg room	43.9	27.2

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Leather-appointed seats	S	
Heated front seats	S	
Climate controlled front seats w/cooling function (deletes seatback map pocket)	P	-
8-way power driver's seat with manual adjustable lumbar support	S	-
Sport-styled front seats with manual thigh extension and driver's power torso and thigh support	P	S
Driver's seat power lumbar support (2-way)	P	S
8-way power passenger's seat	S	
Maple accents	P	-

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Hand-pull parking brake	-	S
Aluminum pedals and foot rest	P	S
Magnesium paddle shifters	P	-
Front seatback map pockets	S (N/A with climate controlled seats)	-
Rear window defroster with indicator light and timer	S	
Illuminated entry system with time delay fade-out	S	
Driver's seat and steering wheel memory (2 position)	P	S
Driver's seat, steering wheel and outside mirror position synchronization	P	S
Power tilt and telescopic steering wheel and steering column	P	S

<b>CAPACITIES</b>		
Seating capacity	4	
Interior passenger volume (cu. ft.)	78.4	
Trunk volume (cu. ft., for vehicles without Spare Tire Kit, SAE measurements)	10.33 top up/1.99 top down	
Fuel tank (gals.)	20	
Engine oil (qts.)	4.9	
Engine coolant (qts.)	9.0	9.1

<b>CURB WEIGHTS</b>		<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Curb weight (lbs.)	Front	2,103	2,119
	Rear	1,980	2,030
	Total	4,083	4,149
Weight distribution (% fr/rr)		52/48	51/49
GVWR (lb)		5,079	

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<b>AUDIO AND NAVIGATION SYSTEMS</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
6-speaker audio system with RDS, in-dash CD autochanger with MP3/WMA playback capability	S	-
Bose® Open Air Sound System with noise adaptive technology, AM/FM, RDS and 13 speakers, including Bose® front seat personal speakers	P	S
Infiniti Hard Drive Navigation System with XM NavTraffic® and NavWeather® (XM® subscription required, sold separately), Zagat Survey®, Streaming Audio via Bluetooth®	P	P
DVD-video playback	P	P
USB input for iPod®, flash drive or other compatible storage devices	S	
XM® Satellite Radio (XM® subscription required, sold separately)	S	
7.0-inch information display color monitor	S	
Infiniti Voice Recognition for navigation, audio and climate control functions	P	P

<b>COMFORT AND CONVENIENCE FEATURES</b>	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
Cruise control w/ steering wheel-mounted controls	S	
Intelligent Cruise Control	P	-
Bluetooth® Hands-free Phone System	S	
RearView Monitor		
Adaptive Dual Zone Climate Control System		
Auto-up/down front power windows (key fob operable) with auto reverse feature		
One-touch auto down rear windows		
Power door locks (driver and passenger side switches) with auto lock system		
Locking glove compartment with lights		
Dual overhead map lights		
Driver and front passenger sunvisors and illuminated vanity mirrors		
4 front cupholders		
Infiniti Intelligent Key with Push Button Ignition		
Analog clock with night illumination		
Power walk-in device with position memory for easy access to 2 <sup>nd</sup> row seats		

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<b>EPA MILEAGE ESTIMATES</b> (Actual mileage may vary)	<b>G37 Convertible</b>	<b>G37 Convertible Sport 6MT</b>
City	17	16
Highway	25	24
EPA Classification	Subcompact	

<b>SAFETY AND SECURITY FEATURES</b>	
Advanced Air Bag System (AABS) with dual-stage front supplemental air bags with seat belt and occupant classification sensors	S
Door-mounted curtain side impact supplemental air bags	
Front seat-mounted side impact supplemental air bags	
Dual Rear Pop-up Roll bars	
4-Wheel Anti-lock Braking System (ABS)	
Vehicle Dynamic Control (VDC) and Traction Control System (TCS)	
Zone Body Construction with front and rear crumple zones	
Energy-absorbing steering column	
Hood buckling creases and safety stops	
Pipe-style steel side door guard beams	
Slide-away brake pedal assembly	
Power window lockout button	
Emergency inside trunk release	
Driver and front passenger knee bolsters	
3-point front seat belts with adjustable upper anchors (driver's side ELR, passenger side ALR/ELR), pretensioners and load limiters	
Front-seat Active Head Restraints	
Vehicle Security System (VSS) with indicator light	
Infiniti Vehicle Immobilizer System	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	

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## Technical Specifications, Features and Options

PACKAGES AND OPTIONS	G37 Convertible	G37 Convertible Sport 6MT
<b>Premium Package:</b> Bose® Open Air Audio System featuring noise adaptive technology, AM/FM, Radio Data System (RDS) and 13 speakers (including Bose® front seat Personal Speakers), memory seat for driver's side, steering wheel and outside mirrors; driver's seat/steering wheel/outside mirror synchronization; Climate-Controlled front seats with heating and cooling functions (deletes seat back map pockets, not available on Sport 6MT or with Sport Package); 2-way power adjustable driver lumbar support; power tilt/telescoping steering column; rear sonar system	P	S
<b>Navigation Package:</b> Infiniti Hard Drive Navigation System with enhanced graphics, touchscreen, Lane Guidance and 3-D building graphics, Zagat Survey® restaurant reviews, XM NavTraffic® with Real-Time Traffic information, XM NavWeather® (XM® subscription required, sold separately); Streaming Audio via Bluetooth®; DVD-video playback; and Infiniti Voice Recognition for climate control, audio and navigation systems (includes Spanish language support)	P	S
<b>Technology Package:</b> Intelligent Cruise Control, Brake Assist with Preview Braking, Pre-Crash Seat Belts, rain-sensing flat-blade front wipers, Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier, Grape polyphenol filter	P	-
<b>Interior Accent Package:</b> High-gloss Maple accents on center console, instrument panel and doors	P	-

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PACKAGES AND OPTIONS (cont.)	G37 Convertible	G37 Convertible Sport 6MT
<b>Sport Package:</b> Split V-spoke 19x8.5-inch aluminum-alloy wheels with P225/45R19 W-rated summer performance tires (front), 19x9.0-inch aluminum-alloy wheels with P245/40R19 W-rated summer performance tires (rear); Sport Brakes with aluminum 4-piston opposed front calipers with 14.0x1.3-inch ventilated discs and 2-piston opposed rear calipers with 13.8x0.8-inch ventilated discs; 14.7:1 sport-tuned steering gear; unique sport front fascia; aluminum pedals and foot rest; solid magnesium paddle shifters	P	S
<b>Performance Tire &amp; Wheel Package:</b> Unique split V-spoke 19x8.5-inch aluminum-alloy wheels with P225/45R19 W-rated summer performance tires (front); 19x9.0-inch aluminum-alloy wheels with P245/40R19 W-rated summer performance tires (rear)	P	-

- O** – Option
- S** – Standard
- P** – Package

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