

2009 Infiniti G37 Convertible

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	
Type	VQ37VHR DOHC 24-valve
Orientation	Vertical
Cylinders / configuration	V6
Block / head composition	Aluminum / aluminum
Displacement	3.7 liters
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 (indicated redline on tachometer)	7,600 rpm
Induction system	Sequential multi-point fuel injection
Valvetrain	4 valves per cylinder
Mounts (sides/rear)	2 solid/ 1 liquid-filled
Required fuel	Premium unleaded
Emissions system	Closed loop feedback system with 3-way catalyst
Emission certification level	50 State, LEV2
Exhaust	Dual, with dual chrome finishers

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

DRIVETRAIN		G37 Convertible	G37 Convertible Sport 6MT
Drive configuration		Front engine/rear-wheel drive	
Vehicle Dynamic Control (VDC)		S	
Transmission type		7-speed automatic with manual shift mode and Downshift Rev Matching, DS Mode and ASC	6-speed manual
Gear ratios (:1)		7 A/T	6 M/T
	1st	4.923	3.794
	2nd	3.193	2.324
	3rd	2.042	1.624
	4th	1.411	1.271
	5th	1.0	1.000
	6th	0.862	0.794
	7th	0.771	-
	Reverse	3.972	3.446
Final drive ratio (:1)		3.357	3.916

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BODY, SUSPENSION AND STEERING	G37 Convertible	G37 Convertible Sport 6MT
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 (S), 14.7 (O)	14.7
Turning diameter (curb-to-curb) feet	36.1	
Turns (lock-to-lock)	3.09	2.73

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

WHEELS AND TIRES	G37 Convertible	G37 Convertible Sport 6MT
Wheels		
18x8.0J-inch front, 18x8.0.5J rear aluminum-alloy	S	-
19x8.5J-inch front, 19x9.0J-inch rear aluminum-alloy	O	S
Tires		
Fr: P225/50R18 94V, Rr: P245/45R18 all season tires	S	-
Fr: P225/45R19 92W; Rr: P245/40R19 94W, summer tires	O	S
Emergency tire repair kit	S (except in Maryland)	
Temporary spare tire in trunk	O (Required for Maryland bound vehicles)	
Tire Pressure Monitoring System	S	

EXTERIOR DIMENSIONS (in inches)

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Wheelbase	112.2	
Overall length	183.3	
Overall width	72.9	
Overall height	55.1	
Front track width	60.8	
Rear track width	62.8/62.6	
Coefficient of Drag (Cd)	0.30	0.31

EXTERIOR FEATURES AND OPTIONS	G37 Convertible	G37 Convertible Sport 6MT
Unique Sport front fascia	P	S
High Intensity Discharge (HID) bi-functional xenon headlights		S
Auto on/off headlights		S
Adaptive Front lighting System (AFS)		P
Body-color dual power remote-controlled outside mirrors		S
Heated outside mirrors with 2-position memory		S
3-piece automatically retracting power hardtop		S

INTERIOR DIMENSIONS (inches)	Front	Rear
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

INTERIOR FEATURES AND OPTIONS	G37 Convertible	G37 Convertible Sport 6MT
Leather-appointed seats		S
Heated front seats		S
Climate controlled front seats w/cooling function (deletes seatback map pocket)	P (N/A with Sport Package)	-
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
8-way power passenger's seat		S
Sport stitching for steering wheel and front seats	P	S
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

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CAPACITIES		
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.)	5.2	
Engine coolant (qts.)	8.5	8.6

CURB WEIGHTS		G37 Convertible	G37 Convertible Sport 6MT
Curb weight (lbs.)	Front	2,111	2,101
	Rear	1,984	2,009
	Total	4,095	4,110
Weight distribution (% fr/rr)		52/48	
GVWR (lb)		5,079	

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

AUDIO SYSTEM	G37 Convertible	G37 Convertible Sport 6MT
6-speaker audio system with RDS, in-dash 6-disc CD autochanger w/ MP3 playback capability and auxiliary input jack	S	
Bose® Open Air Sound System w/Bose AudioPilot® 2.0, in-dash 6-disc CD changer (single CD player with 9.3GB Music Box Hard Drive) w/ MP3 playback capability and auxiliary input jack, 13-speakers (including Bose® front seat personal speakers), RDS, 24-bit Burr Brown DAC, open/close sensitivity adjustment	P	
9.3GB Music Box Hard Drive (replaces 6-disc CD autochanger)	P	
Interface System for iPod®	P	
XM® Satellite Radio	S	
7.0-inch information display color monitor	S	
Infiniti Navigation System with XM NavTraffic® Real-Time Traffic information	P	
Infiniti Voice Recognition for navigation, audio and climate control functions	P	

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

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SAFETY AND SECURITY FEATURES	
Advanced Air Bag System (AABS) with dual-stage front supplemental air bags with seat belt and occupant classification sensor	S
Door-mounted curtain side impact supplemental air bags	
Front seat-mounted side impact supplemental air bags	
2 nd row fixed head restraints with Dual Rear Pop-up bars	
4-Wheel Anti-lock Braking System (ABS)	
Vehicle Dynamic Control (VDC) and Traction Control System (TCS)	
Zone Body Construction with crumple zones	
Energy-absorbing steering column	
Hood buckling creases and safety stops	
Pipe-style steel side door guard beams	
Slide-away brake pedal assembly	
Reinforced side structure	
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 with indicator light	
Infiniti Vehicle Immobilizer System	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	

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PACKAGES AND OPTIONS	G37 Convertible	G37 Convertible Sport 6MT
Technology Package: Intelligent Cruise Control with Preview Braking, Adaptive Front lighting System (AFS), Pre-crash seatbelts with motion sensor on brake pedal	P	P
Premium Package (without Sport Package): Bose® Open Air Audio System with 6-disc in-dash CD changer, MP3 capability, 13 speakers (including Bose® front seat Personal Speakers) optimized for both top positions, and 24-bit Burr Brown Digital Audio Converter, and AudioPilot® 2.0; Interface System for iPod®; Climate-Controlled front seats with heating and cooling functions (deletes seat back map pockets); 2-position memory seat (driver's side); driver's seat/steering wheel/outside mirror synchronization; 2-way power adjustable driver lumbar support; power tilt/telescoping steering column; auto-dimming rear view mirror; HomeLink® Universal Transceiver; Bluetooth® Hands-free Phone System; Advanced Climate Control System that includes Grape Polyphenol Filter, Plasmacluster™ air purifier technology and auto-recirculation, rain sensing windshield wipers	P	-
Premium Package (Sport Package and G37 Convertible Sport 6MT): Contents of Premium Package (without Sport package), less Climate-Controlled seats	P (with Sport Package)	P
Sport Package: Magnesium paddle shifters (7AT only); P225/45R19 (front) P245/40R19 (rear) high performance tires; sport-tuned steering; large sport front 4-piston, rear 2-piston brakes w/ Infiniti logo; sport-styled seats w/ thigh extensions and driver's power adjustable torso and thigh bolsters; sport-styled front seat and steering wheel stitching, aluminum pedals and foot rest; unique sport front fascia	P	S

PACKAGES AND OPTIONS, cont.	G37 Convertible	G37 Convertible Sport 6MT
Performance Tire & Wheel Package: Unique 19-inch lightweight cast	P	-

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aluminum wheels, P225/45R19 (front) P245/40R19 (rear) summer performance tires		
Navigation Package: Infiniti Navigation System (hard disk drive- based), with Infiniti Controller and touch-screen, 9.3GB Music Box Hard Drive (replaces in-dash 6-disc CD autochanger), CompactFlash® slot, XM NavTraffic® with Real-Time Traffic information (XM® subscription required, sold separately), and Infiniti Voice Recognition for climate control, audio and navigation	P	P
Wood Trim: Genuine African Rosewood interior trim on center console, IP and doors	O	-

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

3/09