

2012 Infiniti G37 Coupe

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 with coated pistons
Block / head composition	Aluminum / aluminum
Displacement (liters / cc)	3.7 liters / 3696cc
Horsepower	330 hp @ 7,000 rpm
Torque	270 lb-ft. @5,200 rpm
Bore x stroke (mm)	95.5 x 86.0
Compression ratio (:1)	11.0
Maximum engine speed (indicated redline on tachometer)	7,500 rpm
Induction system	Sequential multi-point fuel injection
Valvetrain	4 valves per cylinder
Mounts (sides/rear)	2 solid/ 1 liquid-filled
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system with 3-way catalyst
Emission certification level	50 State, LEV2
Exhaust	Dual tail tubes with dual chrome finishers

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

DRIVETRAIN	G37	G37 Journey	Sport 6MT	G37x AWD
Drive configuration	Front engine/rear-wheel drive			Front engine/ all-wheel drive
Vehicle Dynamic Control (VDC)	S			
Viscous Limited-Slip Differential (VLSD)	-	O	S	O
Transmission type	7-speed automatic w/DS mode and Downshift Rev Matching		6-speed manual	7-spd auto with DS mode, DRM
Electronic Automatic Transmission Control	S		-	S

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DRIVETRAIN (Cont.)		G37	G37 Journey	Sport 6MT	G37x AWD
Gear ratios (:1)		7 A/T		6 M/T	7 A/T
	1 st	4.923		3.794	4.923
	2 nd	3.193		2.324	3.193
	3 rd	2.042		1.624	2.042
	4 th	1.411		1.271	1.411
	5 th	1.000		1.00	1.000
	6 th	0.862		0.794	0.862
	7 th	0.771		-	0.771
Reverse		3.972		3.446	3.972
Final drive ratio (:1)		3.357		3.692	3.357

BODY, SUSPENSION AND STEERING	G37	G37 Journey	Sport 6MT	G37x AWD
Body type	Corrosion-resistant high-strength steel unibody with aluminum hood			
Front suspension	Double wishbone w/ stabilizer bar			
Rear suspension	Independent multi-link w/ stabilizer bar			
Sport-tuned suspension	-	P	S	P
Steering type	Rack-and-pinion with vehicle-speed-sensitive power steering system			
Steering ratio (:1)	16.4 standard, 14.7 Sport (RWD only)			
Turning diameter (curb-to-curb) feet	36.1 (RWD), 36.7 (AWD)			
Turns (lock-to-lock)	3.1 standard, 2.7 Sport, 2.9 AWD			

BRAKES		G37	G37 Journey	Sport 6MT	G37x AWD
Front	Type	Power-assisted vented disc			
Size (inches)		S	S	-	S
(diameter x thickness)	13.0 x 1.3				
	14.0 x 1.3	-	P	S	P
Rear	Type	Power-assisted vented disc			
Size (inches)	13.0 x 0.6	S	S	-	S
(diameter x thickness)	13.8 x 0.8	-	P	S	P
Electronic Brake force Distribution (EBD)		S			
Brake Assist (BA)		S			
Anti-lock Braking System (ABS)		4-wheel/4-channel/4-sensor			

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WHEELS AND TIRES	G37	G37 Journey	Sport 6MT	G37x AWD
Wheels				
18x8-inch aluminum-alloy	S	S	-	S
Split V-spoke 19x8.5-inch front, 19x9.0-inch rear aluminum-alloy	-	P	S	-
Split V-spoke 19x8.5 aluminum-alloy	-			P
Tires				
P225/50R18 94V, all season tires	S	S	-	S
Fr: P225/45R19 92W; Rr: P245/40R19 94W, summer tires	-	P	S	-
P225/45R19 all-season tires	-			P
Temporary spare tire in trunk	S			

EXTERIOR DIMENSIONS (in inches)				
Wheelbase	112.2			
Overall length	183.1		183.7	183.1
Overall width	71.8			
Overall height	18-inch tires	54.8	54.8	-
	19-inch tires	-	54.9	54.9
Front track width	60.8			
Rear track width	61.4			
Coefficient of Drag (Cd)	0.30			

EXTERIOR FEATURES AND OPTIONS	G37	G37 Journey	Sport 6MT	G37x AWD
High Intensity Discharge (HID) projector-beam xenon headlights	S			
Auto on/off headlights	-	S		
Body-color dual power remote-controlled outside mirrors	S			
Fog lights	S			
LED taillights	S			
Heated outside mirrors	-	S		
Body-color grille	-	P	S	P
Sport front fascia, side sills	-	P	S	P
Rear decklid spoiler	-	-	P	P
Power slide & tilt glass moonroof with one-touch open/close and sliding sunshade	-	P	-	P

INTERIOR DIMENSIONS (inches)	Front	Rear
Head room	39.4 – w/o moonroof 37.7 – w/ moonroof	34.5
Shoulder room	53.7	52.7
Hip room	53.4	48.2
Leg room	43.8	29.8

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INTERIOR FEATURES AND OPTIONS	G37	G37 Journey	Sport 6MT	G37x AWD
Leather-appointed seats	S			
Heated front seats	-	S		
8-way power driver's seat with manual adjustable lumbar support	S			
Front sport seats with manual thigh extension and driver's power torso bolster and thigh support adjustment	-	P	S	P
Driver's power lumbar support	-	P	S	P
8-way power passenger's seat	S			
"Shodo" finish aluminum trim	S			
Solid magnesium paddle shifter	-	P	-	P
Folding rear seat back	S			
Front seatback map pockets	S			
Rear window defroster with indicator light and timer	S			
Rear head restraints	S			
Illuminated entry system w/time delay fade-out	S			
Memory system for drivers seat, steering wheel and outside mirrors	-	P	S	P

AUDIO AND NAVIGATION SYSTEMS	G37	G37 Journey	Sport 6MT	G37x AWD
6-speaker audio system with RDS, in-dash CD autochanger with MP3/WMA playback capability	S	S	-	S
Infiniti Studio on Wheels™ by Bose® Premium Audio system w/ RDS, 11 speakers, in-dash single CD with Driver's Audio Stage	-	P	S	P
7.0-inch information display color monitor	S			
USB connectivity for iPod®, flash drive or other compatible storage device	-	S	S	S
Rear window diversity antenna	S			
XM® Satellite Radio (XM® subscription required, sold separately)	S			
Infiniti Hard Drive Navigation System with XM NavTraffic® and NavWeather™ (XM® subscription required, sold separately), Zagat Survey®	-	P	S	P

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INSTRUMENTATION	
Speedometer, tachometer, coolant temperature and fuel level analog gauges	S
Center display: HVAC status, outside temperature and compass	
Digital dual trip odometers	
VDC off switch	
Analog clock	

COMFORT AND CONVENIENCE FEATURES	G37	G37 Journey	Sport 6MT	G37x AWD
Cruise control w/ steering wheel mounted controls	S			
Intelligent Cruise Control (ICC) w/wheel-mounted controls	-	P		
Bluetooth® Hands-free Phone System	-	S		
Power tilt and telescopic steering wheel	-	P	S	P
Aluminum pedals	-	P	-	P
Rear Sonar System	-	-	S	-
RearView Monitor	-	S		
Automatic temperature control	S			
Dual-zone automatic temperature control	-	S		
Auto-up/down and auto-reverse feature front power windows (keyfob operable)	S			
Power door locks (driver and passenger side switches) with auto door lock system				
Tilt meters – meters move up and down with steering wheel tilt				
Locking glove compartment with lights				
Dual overhead map lights with sunglasses holder				
Driver and front passenger sunvisors w/ extenders and illuminated vanity mirrors				
4 front/2 rear cupholders				
Front seat belt guides				
Infiniti Intelligent Key System				

CAPACITIES	G37	G37 Journey	Sport 6MT	G37x AWD
Seating capacity	4			
Interior passenger volume (cu. ft.) – SAE Method	92.4 (w/o moonroof); 90.1 (w/ moonroof)			
Trunk volume (cu. ft.)	7.4			
Fuel tank (gals.)	20.0			
Engine oil (qts.)	4.9			
Engine coolant (qts.)	9.0		9.1	9.0

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SAFETY AND SECURITY FEATURES	
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors	S
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection	
Front seat-mounted side impact supplemental air bags	
LATCH System (Lower Anchors and Tethers for CHildren)	
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	
Reinforced side structure	
Power window lockout button	
Emergency inside trunk release	
Driver and front passenger knee bolsters	
3-point front seat belts with pretensioners and load limiters and adjustable upper anchors	
Front-seat Active Head Restraints	
Vehicle Security System (VSS)	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	
Tire Pressure Monitoring System (TPMS)	

CURB WEIGHTS		G37	G37 Journey	Sport 6MT	G37x AWD
Curb weight (lbs.)	Front	1,973	1,971	1,993	2,143
	Rear	1,660	1,662	1,715	1,691
	Total	3,633	3,633	3,708	3,834
Weight distribution (% fr/rr)		54/46	54/46	54/46	56/44
GVWR (lbs.)		4,656	4,656	4,656	4,830

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	G37	G37 Journey	Sport 6MT	G37x AWD
City	19		17	18
Highway	27		25	25
EPA Classification	Subcompact			

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PACKAGES AND OPTIONS	G37 Journey	Sport 6MT	G37x AWD
Premium Package: Power sliding glass moonroof with one-touch open/close feature; Infiniti Studio on Wheels™ by Bose® Premium Audio system with CD player with MP3 playback capability, Radio Data System (RDS) and 11 speakers; Drivers Audio Stage; memory system for driver's seat, steering wheel and outside mirrors; driver's seat, steering wheel and outside mirror position synchronization; power tilt and telescopic steering wheel; driver's seat power lumbar support (2-way), Rear Sonar System	P	S	P
Navigation Package: Infiniti Hard Drive Navigation System with enhanced graphics, touchscreen, Lane Guidance and 3-D building graphics, Zagat Survey® restaurant reviews, XM NavTraffic® and XM NavWeather™ (XM® subscription required, sold separately), Bluetooth® Advanced Audio Distribution Profile; DVD-video playback, Infiniti Voice Recognition for climate control, audio and navigation systems	P	S	P
Technology Package: Intelligent Cruise Control, Brake Assist with Preview Braking, Pre-Crash Seat Belts, rain-sensing windshield wipers, Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier, Grape polyphenol filter	P	-	P
Sport Package: 19x8.5-inch split V-spoke aluminum-alloy wheels with PP225/45R19 W-rated summer performance tires (front); 19x9.0-inch aluminum-alloy wheels with P245/40R19 W-rated summer performance tires (rear) RWD; 19x8.5-inch aluminum-alloy wheels with P225/45R19 all-season tires - AWD; sport-tuned suspension; 14.7:1 sport-tuned steering gear (16.4:1 AWD); Viscous Limited-Slip Differential (VLSD); unique sport front fascia; front sport seats with manual thigh extension and driver's power torso and thigh support adjustment; unique sport stitching on steering wheel and front seats; aluminum pedals and foot rest; solid magnesium paddle shifters	P	-	P

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Performance Tire & Wheel Package: Split V-spoke 19x8.5-inch aluminum-alloy wheels with PP225/45R19 W-rated summer performance tires (front); 19x9.0-inch aluminum-alloy wheels with P245/40R19 W-rated summer performance tires (rear)	P	S	-
Interior Accents Package: High-gloss Maple accents on center console, instrument panel and doors	O	-	O

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

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