

# 2009 Infiniti G37 Coupe

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	G37	Journey	Sport 6MT	G37x
Type	VQ37VHR DOHC 24-valve			
Orientation	Vertical			
Cylinders / configuration	V6 with coated pistons			
Block / head composition	Aluminum / aluminum			
Displacement	3.7 liters			
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)	7,600 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, with dual chrome finishers			

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

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

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Gear ratios (:1)		7 A/T	6 M/T
	1 <sup>st</sup>	4.923	3.794
	2 <sup>nd</sup>	3.193	2.324
	3 <sup>rd</sup>	2.042	1.624
	4 <sup>th</sup>	1.411	1.271
	5 <sup>th</sup>	1.0	1.000
	6 <sup>th</sup>	0.862	0.794
	7 <sup>th</sup>	0.771	-
<b>Reverse</b>		3.972	3.446
Final drive ratio (:1)		3.357	3.692

BODY, SUSPENSION AND STEERING	G37	Journey	Sport 6MT	G37x
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			
Four-wheel Active Steer (4WAS)	-	O	O	-
Steering type	Rack-and-pinion with vehicle-speed-sensitive power steering system			
Steering ratio (:1)	16.4	16.4 (14.7 with Sport package)	14.7	16.4-
	4WAS	-	12.0 -20.0	-
Turning diameter (curb-to-curb) feet	36.1	36.1	36.1	36.7
Turns (lock-to-lock)	3.0	3.0 (2.7 with Sport Package)	2.7	3.0
	4WAS	-	2.2 - 2.6	2.2 - 2.6

BRAKES		G37	Journey	Sport 6MT	G37x
Front	Type	Power-assisted vented disc			
Size (Inches) (diameter x thickness)	12.6 x	-	-	-	S
	1.113.0 x	-S	S	-	-
	1.3				
	14.0 x 1.3	-	P	S	-
Rear	Type	Power-assisted vented disc			
Size (inches) (diameter x thickness)	12.1 x	-	-	-	S
	0.613.0 x	S	S	-	-
	0.6				
	13.8 x 0.8	-	P	S	-
Electronic Brake force Distribution (EBD)		S			
Brake Assist (BA)		S			
Anti-lock Braking System (ABS)		4-channel/4-sensor			

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WHEELS AND TIRES	G37	Journey	Sport 6MT	G37x
<b>Wheels</b>				
18x8J-inch aluminum-alloy	S	S	-	S
19x8.5J-inch front, 19x9J-inch rear aluminum-alloy	-	P,O	S	-
<b>Tires</b>				
P225/50R18 94V, all season tires	S	S	-	S
Fr: P225/45R19 92W; Rr: P245/40R19 94W, summer tires	-	P,O	S	-
Temporary spare tire in trunk	S			
Tire Pressure Monitoring System	S			

EXTERIOR DIMENSIONS (in inches)					
Wheelbase	112.2				
Overall length	183.1				
Overall width	71.8				
Overall height (including moonroof)	18-inch tires / 19-inch tires	54.8 (no moonroof) / na	54.7 / 54.9	na / 54.9	55.3 / na
Front track width	60.8				
Rear track width	61.4				
Coefficient of Drag (Cd)	0.30	0.30 / 0.32 Sport Package with Spoiler	0.32 (with Spoiler)	0.30	

EXTERIOR FEATURES AND OPTIONS	G37	Journey	Sport 6MT	G37x
High Intensity Discharge (HID) projector-beam 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	-	P	P	S
Power slide & tilt glass moonroof with one-touch open/close and sliding sunshade	-	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	Journey	Sport 6MT	G37x
Leather-appointed seats	S			
Heated front seats	-	P	P	S
8-way power driver's seat with manual adjustable lumbar support	S			
Driver's seat manual thigh extension, power torso bolster and power thigh bolster	-	P	S	-
Driver's power lumbar support	-	P		
4-way power passenger's seat	S	-		
8-way power passenger's seat	-	S		
Passenger's seat manual thigh extension	-	P	S	-
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 with time delay fade-out	S			
Drivers seat and steering wheel memory (2 position)	-	P		

CAPACITIES	G37	Journey	Sport 6MT	G37x
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			

CURB WEIGHTS		G37	Journey	Sport 6MT	G37x
Curb weight (lbs.)	Front	1993	1998	1989	2194
	Rear	1641	1644	1673	1653
	Total	3633	3642	3662	3847
Weight distribution (% fr/rr)		54/46	54/46	54/46	56/44
GVWR (lbs.)		4,656	4656	4656	4830

EPA MILEAGE ESTIMATES (Actual mileage may vary)	G37	Journey	Sport 6MT	G37x
City	18		17	18
Highway	26		25	25
EPA Classification	Subcompact			

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AUDIO SYSTEM	G37	Journey	Sport 6MT	G37x
6-speaker audio system with RDS, in-dash CD w/ mp3 playback capability and auxiliary input jack	S	-		
6-speaker audio system with RDS, in-dash 6-disc CD changer w/ mp3 playback capability and auxiliary input jack	-	S		
Bose® Infiniti Studio on Wheels™ w/ 11-speakers, RDS, 24-bit Burr Brown DAC	-	P		
7.0" information display color monitor			S	
Rear window diversity antenna			S	
XM® Satellite Radio			S	
Infiniti Navigation System with available XM NavTraffic® real-time traffic information; voice activation for navigation, audio and HVAC functions 9.3GB Music Box Hard Drive (replaces 6CD changer)	-	P		

COMFORT AND CONVENIENCE FEATURES	G37	Journey	Sport 6MT	G37x
Cruise control w/ steering wheel mounted controls	S			
Intelligent Cruise Control (ICC) w/ Preview Braking and steering wheel-mounted controls	-	P		
Bluetooth® Hands-free Phone System	-	P		
RearView Monitor	-	P		
Automatic temperature control	S			
Dual-zone automatic temperature control	-	S		
Auto-up/down and safety reverse feature front power windows (keyfob operable)	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 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				

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<b>SAFETY AND SECURITY FEATURES</b>	
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) including ABS and Traction Control System (TCS) function	
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 (passenger side ALR/ELR), pretensioners and load limiters	
Front-seat Active Head Restraints	
First aid kit	
Vehicle Security System with indicator light	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	

<b>INSTRUMENTATION</b>	
Speedometer, tachometer, coolant temperature and fuel level analog gauges	S
Center display: HVAC status, outside temperature and compass	
Digital dual trip odometers	
VDC cancel switch	
Infiniti analog clock	

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### Technical Specifications, Features and Options

PACKAGES AND OPTIONS	G37	Journey	Sport 6MT	G37x
<b>Technology Package:</b> Intelligent Cruise Control (ICC) with Preview Braking, Adaptive Front lighting System (AFS), Pre-crash seatbelts with motion sensor on brake pedal	-	P		
<b>Premium Package RWD:</b> Power sliding glass moonroof with one-touch open/close feature; Bose® Infiniti Studio on Wheels™ audio system with Burr Brown Digital Audio Converter, Interface System for iPod®; driver seat, steering wheel and outside mirror memory system; steering wheel/outside mirror synchronization; 2-way power adjustable driver lumbar support; power tilt/telescoping steering column; automatic anti-glare rearview mirror; HomeLink® Universal Transceiver; Bluetooth® Hands-free Phone System; heated front seats and door mirrors; compass in rearview mirror	-	P		-
<b>Premium Package AWD:</b> Contents of Premium Package RWD, less heated front seats and heated outside mirrors, which are standard on G37x	-			P
<b>Sport Package:</b> A/T paddle shifters, P225/45WR19 (front) P245/40WR19 (rear) high performance tires, unique 19-inch lightweight cast aluminum wheels, Viscous Limited-Slip Differential (VLSD), sport tuned suspension, large sport front 4-piston, rear 2-piston brakes w/ Infiniti logo, unique front fascia and side sills, sport-styled seats w/ thigh extensions and driver's power adjustable torso and thigh bolsters, sport-styled steering wheel stitching, aluminum pedals	-	P	S	-
<b>4-Wheel Active Steer (4WAS) Package:</b> Front Active Steer system, Rear Active Steer system	-	P	P	-
<b>Performance Tire &amp; Wheel Package:</b> P225/45WR19 (front) P245/40WR19 (rear) summer performance tires, unique 19-inch lightweight cast aluminum wheels (not available with Sport Package)	-	O	S	-

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### *Technical Specifications, Features and Options*

PACKAGES AND OPTIONS, cont.	G37	Journey	Sport 6MT	G37x
<b>Navigation Package:</b> Infiniti Navigation System (Hard Disk Drive- based), with Infiniti controller and touch screen. Lane guidance and building footprint (enhanced graphics), 9.3GB Music Box Hard Drive, compact flash slot, XM NavTraffic® with Real Time Traffic information (XM® subscription required, sold separately), RearView Monitor and HVAC, audio and navigation voice recognition	-	P		
<b>Rear Spoiler</b>	-	O		-
<b>Wood Trim:</b> Genuine African Rosewood trim on center console, IP and doors (now available for Journey Models with Sport Package for 2009)	-	O	-	O

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

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