

2008 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
Type	VQ37VHR DOHC 24-valve		
Orientation	Vertical		
Cylinders / configuration	V6 with molybdenum 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 / 1		
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
Drive configuration	Front engine/rear-wheel drive		
Vehicle Dynamic Control (VDC)	S		
Viscous Limited-Slip Differential (VLSD)	-	P	S
Transmission type	5-speed automatic with manual shift mode and Downshift Rev Matching, DS Mode and ASC		6-speed manual
Electronic Automatic Transmission Control	S		-
Gear ratios (: 1)	5 A/T		6 M/T
	1st	3.841	3.794
	2nd	2.352	2.324
	3rd	1.529	1.624
	4th	1.000	1.271
	5th	0.839	1.000
	6th	-	0.794
	Reverse	2.764	3.446
Final drive ratio (: 1)	3.692		

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BODY, SUSPENSION AND STEERING		G37	Journey	Sport 6MT
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)	Base	16.4		-
	Sport	-	14.7	14.7
	4WAS	-	11.9 - 14.3	11.9 - 14.3
Turning diameter (feet)		36.1		
Turns (lock-to-lock)	Base	3.0	3.0	-
	Sport	-	2.7	2.7
	4WAS	-	2.2 - 2.6	2.2 - 2.6

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

WHEELS AND TIRES		G37	Journey	Sport 6MT
Wheels				
18x8J-inch aluminum-alloy		S		-
19x8.5J-inch front, 19x9J-inch rear aluminum-alloy		-	O,P	S
Tires				
225/50R18 94V, all season tires		S		-
Fr: 225/45R19 94W; Rr: 245/40R19 94W, summer tires		-	O,P	S
Temporary spare tire in trunk		S		
Tire Pressure Monitor System		S		

EXTERIOR DIMENSIONS (in inches)		G37	Journey	Sport 6MT
Wheelbase		112.2		
Overall length		183.1		
Overall width		71.8		
Overall height		54.8/54.9		
Front track width		60.8		
Rear track width		61.4		
Coefficient of Drag (Cd)		0.30		

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EXTERIOR FEATURES AND OPTIONS	G37	Journey	Sport 6MT
High Intensity Discharge (HID) projector-beam bi-xenon headlights	S		
Auto on/off headlights	-	S	
Adaptive Front lighting System (AFS)	-	P	
Body-color dual power remote-controlled outside mirrors	S		
Heated memory mirrors with seat synchronization	-	P	
Power slide & tilt glass moonroof with one-touch open/close and sliding sunshade	-	O,P	

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

INTERIOR FEATURES AND OPTIONS	G37	Journey	Sport 6MT
Leather-appointed seats	S		
Heated front seats – high and low settings	-	P	
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	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
Seating capacity	4		
Interior passenger volume (cu. ft.)	85.0 (w/o sunroof); 82.7 (w/ sunroof)		
Trunk volume (cu. ft.)	7.4		
Fuel tank (gals.)	20.0		
Engine oil (qts.)	5.3		
Engine coolant (qts.)	9.0		9.1

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CURB WEIGHTS	G37	Journey	Sport 6MT
Curb weight (lbs.)	3,616	3,624	3,668
Weight distribution (% fr/rr)	54/46		
GVWR (lbs.)	4,656		

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>			
City	18	18	17
Highway	24	24	26
EPA Classification	Subcompact		

AUDIO SYSTEM	G37	Journey	Sport 6MT
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	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 9.3-gigabyte Music Box hard drive	-	P	

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COMFORT AND CONVENIENCE FEATURES	G37	Journey	Sport 6MT
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)	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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SAFETY AND SECURITY FEATURES	
Advanced Air Bag System with dual-stage front supplemental air bags with seat belt sensors/RF occupant classification sensor	S
Roof-mounted curtain side-impact supplemental air bags for front- and rear-seat occupant head protection	
Front-seat side-impact supplemental air bags	
LATCH system with child seat upper tether anchor	
Vehicle Dynamic Control (VDC) including ABS and Traction Control System 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 ALR/ELR seat belts for all occupants (driver ELR only)	
3-point front seat belts with 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	

INSTRUMENTATION	
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	
Analog quartz clock	

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PACKAGES AND OPTIONS	G37	Journey	Sport 6MT
Technology Package: Intelligent Cruise Control with Preview Braking, Adaptive Front lighting System, Pre-crash seatbelts with motion sensor on brake pedal	-	P	
Premium Package: Power sliding glass sunroof with one-touch open/close feature; Bose® Infiniti Studio on Wheels™ audio system with Burr Brown Digital Audio Converter, iPod connection; 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	
Sport Package: 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
4-Wheel Active Steer (4WAS) Package: Front Active Steer system, Rear Active Steer system	-	O	O
Performance Tire & Wheel Package: P225/45WR19 (front) P245/40WR19 (rear) summer performance tires, unique 19-inch lightweight cast aluminum wheels (not available with Sport Package)	-	O	S
Moonroof: Dual-sliding glass moonroof with one-touch open/close feature	-	O	

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PACKAGES AND OPTIONS, cont.	G37	Journey	Sport 6MT
Navigation Package: Infiniti Navigation System (Hard disk drive- based), with Infiniti controller and touch screen. Lane guidance and building footprint (enhanced graphics), 9.3-gigabyte Music Box hard drive, compact flash slot, XM [®] NavTraffic™ real-time traffic (requires contract), Rearview Monitor and HVAC, audio and navigation voice recognition	-		P
Rear Spoiler	-	O	O
Wood Trim: Genuine African Rosewood trim on center console, IP and doors (Not available with Sport Package)	-	O	-

O – Stand-Alone Option

S – Standard

P – Included in Optional Package

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