

# 2008 Infiniti G37 Coupe

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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 (estimated)		
Torque	270 lb-ft. (estimated)		
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 / 1		
Recommended fuel	Premium unleaded required		
Emissions system	Closed loop feedback system with 3-way catalyst		
Emission certification level	50 State, ULEV		
Exhaust	Dual, 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</b>	<b>Journey</b>	<b>Sport 6MT</b>
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)	<b>5 A/T</b>		<b>6 M/T</b>
	<b>1<sup>st</sup></b>	3.841	3.794
	<b>2<sup>nd</sup></b>	2.352	2.324
	<b>3<sup>rd</sup></b>	1.529	1.624
	<b>4<sup>th</sup></b>	1.000	1.271
	<b>5<sup>th</sup></b>	0.839	1.000
	<b>6<sup>th</sup></b>	-	0.794
	<b>Reverse</b>	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	-	12.0-20.0	12.0-20.0
Turning diameter (feet)		36.1		
Turns (lock-to-lock)	Conventional	3.0		
	4WAS	2.5		

BRAKES		G37	Journey	Sport 6MT
Front	Type	Power-assisted vented disc		
Size (Inches) (diameter x thickness)	13.0 x 1.3	S		-
	14.0 x 1.3	-	P	S
Rear	Type	Power-assisted vented disc		
Size (inches) (diameter x thickness)	13.0 x 0.6	S		-
	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		

WHEELS AND TIRES		G37	Journey	Sport 6MT
<b>Wheels</b>				
18x8J-inch aluminum-alloy		S		-
19x8.5J-inch front, 19x9J-inch rear aluminum-alloy		-	O,P	S
<b>Tires</b>				
225/50R18 94V, all season tires		S		-
Fr: 225/45R19 92W; 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 18"/19" tires		54.8/54.9		
Front track width		60.9		
Rear track width 18"/19" tires		61.5/61.3		
Coefficient of Drag (Cd)		0.29		

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<b>EXTERIOR FEATURES AND OPTIONS</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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	

<b>INTERIOR DIMENSIONS (inches)</b>	<b>Front</b>	<b>Rear</b>
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

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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
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	

<b>CAPACITIES</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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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<b>CURB WEIGHTS</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
Curb weight (lbs.)	3,616	3,624, 3682 (w/ Sport Pkg.)	3,668
Weight distribution (% fr/rr)	54/46		
GVWR (lbs.)	4,656		

<b>EPA MILEAGE ESTIMATES</b> <i>(Actual mileage may vary)</i>	
City	TBD
Highway	TBD
EPA Classification	TBD

<b>AUDIO SYSTEM</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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	-	P	
9.3-gigabyte Music Box hard drive			

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<b>COMFORT AND CONVENIENCE FEATURES</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
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			
Trunk net			
Infiniti Intelligent Key System			

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<b>SAFETY AND SECURITY FEATURES</b>	
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 and adjustable upper anchors	
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	
Analog quartz clock	

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PACKAGES AND OPTIONS	G37	Journey	Sport 6MT
<b>Technology Package:</b> Intelligent Cruise Control with Preview Braking, Adaptive Front lighting System, Pre-crash seatbelts with motion sensor on brake pedal	-		P
<b>Premium Package:</b> Power sliding glass sunroof with one-touch open/close feature; Bose® Infiniti Studio on Wheels™ audio system with Burr Brown head unit; Digital Audio Unit, 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
<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, unique chassis configuration	-	O	O
<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
<b>Moonroof:</b> Dual-sliding glass moonroof with one-touch open/close feature	-		O

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<b>PACKAGES AND OPTIONS, cont.</b>	<b>G37</b>	<b>Journey</b>	<b>Sport 6MT</b>
<b>Navigation Package:</b> Infiniti Navigation System (Hard disk drive- based), with Infiniti controller and touch screen. Lane guidance and building footprint (enhanced graphics), 9.3-gigabyte Music Box hard drive, compact flash slot, XM <sup>®</sup> NavTraffic <sup>™</sup> real-time traffic (requires contract), Rearview Monitor and HVAC, audio and navigation voice recognition	-	P	
<b>Rear Spoiler</b>	-	O	O
<b>Wood Trim:</b> 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

3/07