

2009 Infiniti G37 Sedan

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Type	VQ37VHR DOHC 24-valve			
Orientation	Vertical			
Cylinders / configuration	V6 with coated pistons			
Block / head composition	Aluminum-alloy/aluminum-alloy			
Displacement	3.7 liters			
Horsepower	328 hp @ 7,000 rpm			
Torque	269 lb-ft @ 5,200 rpm			
Bore x stroke (mm)	95.5 x 86.0			
Compression ratio (:1)	11			
Maximum engine speed	7,600 rpm			
Induction system	Sequential multi-point fuel injection			
Valvetrain	4 valves per cylinder			
Mounts - liquid-filled front/rear	2/1	2/1	2 / 1- solid-filled	2/1
Recommended fuel	Premium unleaded			
Emissions system	Closed loop feedback system with 2 catalyts			
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	G3&	G37 Journey	G37x AWD	G37S Sport 6MT
Drive configuration				
Front engine/rear-wheel drive	S		-	S
Front engine/ATESSA ET-S® all-wheel drive	-		S	-
Transmission type	7-speed automatic w/DS mode and Downshift Rev Matching			6-speed manual
Automatic Transmission Control	S			-
Snow mode function with indicator	-		S	-
Vehicle Dynamic Control (VDC)	S			
Viscous Limited Slip Differential (VLSD)	-	P	-	S
Gear ratios (:1)	1st	4.923		3.794
	2nd	3.193		2.324
	3rd	2.042		1.624
	4th	1.411		1.271
	5th	1.000		1.000
	6th	0.862		0.794
	7th	0.771		-
	Reverse	3.972		3.446
Final drive ratio (:1)	3.357			3.692

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BODY, SUSPENSION AND STEERING		G37	G37 Journey	G37x AWD	G37S Sport 6MT
Body type	unibody	High-strength steel corrosion-resistant			
Front suspension		Independent double-wishbone w/stabilizer bar			
Rear suspension		Multi-link independent w/stabilizer bar			
Sport tuning	unique steering, rear shock tuning	-	P	-	S
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion			
Four-Wheel Active Steer (4WAS)		-	P	-	P
Steering ratio (:1)		16.4	16.4 (S), 14.7(P), 12-20:1 (4WAS)	16.4	14.7(S), 12-20:1 (4WAS)
Turning diameter (feet)		35.4 (RWD), 36.1 (AWD)			
Turns (lock-to-lock)		3.09 (S)	3.09 (S) 2.73 (P) 2.20-2.66 (4WAS)	2.94 (S) 2.90 (P)	2.73 (S) 2.20-2.66 (4WAS)

BRAKES		G37	G37 Journey	G37x AWD	G37S Sport 6MT
Power-assisted vented disc	Front	12.6-inch X 1.1-inch			14.0-inch X 1.3-inch
	Rear	12.1-inch X 0.6-inch			13.8-inch X 0.8-inch
Sport Package (optional)	Front	-	14.0-inch X 1.3-inch	-	S
	Rear	-	13.8-inch X 0.8-inch	-	S
4-piston front/ 2-piston rear calipers		-	P	-	S
Electronic Brake force Distribution (EBD) and Brake Assist (BA)		S			
Preview Braking		S			
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S			

WHEELS AND TIRES		G37	G37 Journey	G37x AWD	G37S Sport 6MT
Wheels					
Aluminum-alloy	17-inch (7.5 wide)	S			-
	18-inch (front 7.5, rear 8.5 wide)	-	P	-	S
	18-inch (F/R 7.5 wide)	-	O	P	-
Tires					
All-Season	P225/55R17 95V	S			-
High-Perf.	Front: P225/50R18 95W Rear: P245/45R18 96W	-	P	-	S
All Season	F/R P225/50R18 94V	-	O	P	-
Temporary T145/80D17 spare tire		S			

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EXTERIOR DIMENSIONS (inches)	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Wheelbase	112.2			
Overall length	187.0			
Overall width	69.8			
Overall height	57.2		57.8	57.2
Front track width	59.8			
Rear track width	60.2 (RWD 17-inch wheels), 59.8 (RWD 18-inch wheels, Sport Pkg A/T, G35 Sport 6MT), 60.2 (G35x AWD)			
Minimum ground clearance	5.1	5.1 5.2 (O,P)	4.9 5.1 (P)	5.1
Coefficient of Drag (Cd)	0.29			

EXTERIOR FEATURES AND OPTIONS	G37	G37 Journey	G37x AWD	G37S Sport 6MT
High-Intensity Discharge (HID) headlights	S			
Automatic on/off	-		S	
Adaptive Front lighting System (AFS)	-		P	
Fog lights	S			
Body-color dual power controlled outside mirrors	S			
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	-	O, P	O, P	P
Decklid spoiler	-	O (Sport Pkg Required)		O

INTERIOR DIMENSIONS (inches)	Front	Rear
Head room without moonroof	40.5	37.7
Head room with moonroof	39.1	37.2
Shoulder room	55.6	55.2
Hip room	55.1	53.7
Leg room	43.9	34.7

INTERIOR FEATURES AND OPTIONS	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Leather-appointed seats	S			
Heated front seats w/high/low settings	-	P	S	P
8-way power driver's seat w/ manual adjustable lumbar support	S			
8-way power driver's seat w/ power adjustable lumbar support	-		P	
Power passenger's seat	4-way 8-way	S -	- S	
Driver's side power thigh and torso bolster adjustment	-		P	S
Driver and front passenger manual thigh extension	-		P	S

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Fold-down rear center armrest with locking trunk pass-through feature	S		
Front seatback pockets	S		
Rear window defroster with indicator light and timer			
Illuminated entry system with time delay fade-out			
Driver's seat and steering wheel memory (2 position)	-	P	
Aluminum interior trim (Washi finish)	S		
African Rosewood interior trim	-	O	-
Aluminum sill plates w/ "Infiniti" script	S		

AUDIO SYSTEM	G37	G37 Journey	G37x AWD	G37S Sport 6MT
6-speaker audio system with RDS and in-dash CD player	1-disc	6-disc changer in dash		
Bose® "Studio on Wheels" audio system w/ RDS, 10 speakers, in-dash 6-disc CD player and Burr Brown® Digital Audio Converters, Driver's Audio Stage	-	P (w/o Navi Pkg)		
Bose® "Studio on Wheels" audio system w/ RDS, 10 speakers, in-dash single CD with 24-bit Burr Brown® Digital Audio Converters, Driver's Audio Stage	-	P (w/ Navi Pkg)		
MP3 playback capability	S			
7.0-inch color monitor display	S			
Rear window in-glass diversity ant.	S			
Bluetooth® Hands-free Phone System	-	P		
XM® Satellite Radio	S			
Hard Disk-based Infiniti Navigation System with 9.3GB Music Box Hard Drive	-	P (w/ Navi Pkg)		
Auxiliary audio input, 3-pin center console	S			
Interface System for iPod®	-	P		
Steering-wheel mounted audio controls	S			

CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft.)	99.0 (96.5 w/ moonroof)
Trunk volume (cu. ft.)	13.5 (w/ temporary spare tire)
Fuel tank (gals.)	20.0

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CURB WEIGHTS	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Curb weight (lbs.)	3581	3590	3791	3615
Weight distribution (% fr/rr, w/ driver)	53/47			
GVWR (lbs.)	4722		4846	4722

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	G37	G37 Journey	G37x AWD	G37S Sport 6MT
City	18		18	17
Highway	26		25	25
EPA Classification	Mid size			

COMFORT AND CONVENIENCE FEATURES	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Cruise control w/ steering wheel mounted controls	S			
Intelligent Cruise Control w/ steering wheel mounted controls	-	P		
Dual Zone Air conditioning w/ automatic temperature control and microfilter	-	S		
Air conditioning w/ automatic temperature control and microfilter	S			
Power windows with driver/front passenger-side one-touch auto-up/down with safety reverse feature, remote keyless entry operable	S			
Remote trunk release, electromagnetic trunk opener	S			
Locking glove compartment with light	S			
Driver and front-passenger sun visors with extenders and illuminated vanity mirrors	S			
Dual overhead map lights w/ sunglasses holder	S			
Cupholders, 4 front, 2 rear	S			
Intelligent Key system with push button ignition	S			
One-touch auto up/down with safety reverse feature for rear windows	-	P		
RearView Monitor	-	P		

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INSTRUMENTATION	
Analog speedometer, tachometer, coolant temperature and fuel gauges (gauges move with steering wheel tilt) and electroluminescent instrumentation	S
Odometer with dual trip meters	
Analog Infiniti quartz clock	
Multi-function trip computer display with instantaneous fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	

SAFETY AND SECURITY FEATURES	
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors	S
Front seat-mounted side impact supp. air bags	
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection	
Front seat Active Head Restraints	
LATCH System (Lower Anchors and Tethers for Children)	
Front seat belts with pretensioners and load limiters adjustable upper anchors (passenger side ALR/ELR)	
Zone Body construction	
Power window lockout function	
Shift interlock system	
Energy-absorbing steering column	
Vehicle Security System with indicator light and Infiniti Vehicle Immobilizer System	
Remote Keyless Entry system with panic alarm	
First aid kit	
Tire Pressure Monitoring System (TPMS)	
Brake-Operated Pre-Crash Seat Belts	

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Premium Package RWD: Tinted glass power moonroof with rear tilt feature, sliding sunshade, and one-touch operation; Studio on Wheels™ by Bose® premium audio system with Burr Brown® Digital Audio Converters; driver's seat, steering wheel and outside mirror memory system; seat and outside mirror position synchronization (outside mirrors automatically adjust as seat is moved); driver's seat power adjustable lumbar support (2-way); power tilt and telescoping steering wheel; one touch up/down rear window function; automatic anti-glare rearview mirror with HomeLink® Universal Transceiver; Bluetooth® Hands-free Phone System; heated front seats and front outside mirrors; compass in interior rearview mirror, power entry/exit assist (n/a on 6MT) Driver's Audio Stage; Interface System for iPod®	-	P	-	P
Premium Package AWD: Same as Premium Package RWD, less heated front seats and heated outside mirrors (standard on G37 x AWD)	-	-	P	-
Sport Package RWD: 225/50R18 front and 245/45R18 rear W-rated tires; 18-inch lightweight cast aluminum wheels; Viscous Limited Slip Differential (VLSD); A/T magnesium paddle shifters (n/a on 6MT); 4 piston front / 2 piston rear sport brakes; unique front fascia and side sills; sport-style seats w/thigh extension and power thigh and torso support; red "S" badge; aluminum pedals and foot rest; 14.7:1 sport steering wheel; unique sport-tuned suspension	-	P	-	S
Sport Package AWD: Red "S" badge, unique front fascia and side sills; sport-style seats w/thigh extension and power thigh and torso support; aluminum pedals and foot rest; 18-inch lightweight cast aluminum-alloy wheels; P225/50R18 all-season tires; magnesium paddle shifters	-	-	P	-

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PACKAGES AND OPTIONS, cont'd	G37	G37 Journey	G37x AWD	G37S Sport 6MT
Technology Package: Intelligent Cruise Control; Adaptive Front lighting System (AFS); Driver's and front passenger seat Pre-Crash Seat Belts	-	P		
Moonroof: Tinted glass power moonroof with rear tilt feature, sliding sunshade, and one-touch operation (included in Premium Package)	-	O		-
Navigation Package: Infiniti Navigation System (Hard Disc drive-based) with Infiniti controller and 7.0-inch color touch screen; 9.3GB Music Box Hard Drive (replaces in-dash 6-disc CD changer); Compact Flash slot for playing MP3 files; XM NavTraffic® with Real-Time Traffic Information (XM® subscription required, sold separately); voice recognition functions for HVAC, audio and navigation; RearView Monitor	-	P		
4-Wheel Active Steer Package: Front and Rear Active Steer Systems (Requires Premium Package)	-	P	-	P
Tire & Wheel Package RWD: 18-inch cast aluminum-alloy wheels; P225/50R18 all-season tires		O	-	-
Rear Spoiler: (Requires Premium Package)	-	O		O

- O** – Optional
- S** – Standard
- P** – Included in Package

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