

# 2010 Infiniti G37 Sedan

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	
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 fr/rr	2/1 RWD, 2/1-solid filled AWD
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

<b>ELECTRICAL</b>	
Electronic ignition system	S
150 amp alternator	
1.6 kW starter	
80D23L battery	

<b>DRIVETRAIN</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
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)	<b>1<sup>st</sup></b>	4.923		3.794
	<b>2<sup>nd</sup></b>	3.193		2.324
	<b>3<sup>rd</sup></b>	2.042		1.624
	<b>4<sup>th</sup></b>	1.411		1.271
	<b>5<sup>th</sup></b>	1.000		1.000
	<b>6<sup>th</sup></b>	0.862		0.794
	<b>7<sup>th</sup></b>	0.771		-
	<b>Rev.</b>	3.972		3.446
Final drive ratio (:1)	3.357		3.692	

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<b>BODY, SUSPENSION AND STERRING</b>		<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
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			
Steering ratio		16.4:1 standard, 14.7:1 Sport			
Turning diameter (feet)		35.4 (RWD), 36.1 (AWD)			
Turns (lock-to-lock)		3.09 standard, 2.73 Sport			

<b>BRAKES</b>		<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
Power-assisted vented disc (in.)	Front	12.6 x 1.1			14.0 x 1.3
	Rear	12.1 x 0.6			13.8 x 0.8
Sport Package (optional)	Front	-	14.0 x 1.3	-	
	Rear	-	13.8 x 0.8	-	
4-piston front/2-piston rear calipers		-	P	-	S
Electronic Brake force Distribution, Brake Assist		S			
Preview Braking		O			
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S			

<b>WHEELS AND TIRES</b>		<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
<b>Wheels</b>					
Aluminum-alloy	17x7.5 in.	S			-
	18x7.5 front, 18x8.5 rear	-	P	-	S
	18x7.5 front/rear	-	O	P	-
<b>Tires</b>					
All-Season	P225/55R17 95V	S			-
High-Perf.	F: P225/50R18 95W R: P245/45R18 96W	-	P	-	S
All- Season	F/R P225/50R18 94V	-	O	P	-
Temporary T145/80D17 spare		S	S	S	-
Temporary T145/70R18 spare		=	O	-	S

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<b>EXTERIOR DIMENSIONS (inches)</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
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), 60.2 (AWD)			
Minimum ground clearance	5.1 (RWD 17-inch wheels), 5.2 (RWD 18-inch wheels), 4.9 (AWD 17-inch wheels), 5.1 (AWD 18-inch wheels)			
Coefficient of Drag (Cd)	0.29			

<b>EXTERIOR FEATURES AND OPTIONS</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
High-Intensity Discharge (HID) headlights	S			
Automatic on/off	-	S		
"Blacked out" headlights	-	P	P	S
Fog lights	S			
Body-color dual power controlled outside mirrors	S			
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	-	P	P	S
Sport side sills	-	P	P	S
Unique sport front fascia	-	P	P	S

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

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
Leather-appointed seats	S			
8-way power driver's seat w/ manual adjustable lumbar support	S			
8-way power front passenger's seat	S			
Leather-covered steering wheel with illuminated audio and cruise control buttons	S			
Automatic Temperature Control with microfiltration (single zone)	S			
"Shodo" finish aluminum trim	S			

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<b>INTERIOR FEATURES AND OPTIONS (cont.)</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
Aluminum sill plates w/ "Infiniti" script	S			
Heated front seats	-		S	
Heated outside mirrors	-		S	
RearView Monitor	-		S	
HomeLink® Universal Transceiver	-		S	
Bluetooth® Hands-free Phone System	-		S	
Dual Zone Automatic Temperature Control with microfiltration	-		S	
Front sport seats with manual thigh extension and power thigh and torso bolster adjustment	-	P	P	S
Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier	-	P	P	-
Aluminum pedals	-	P	P	S
Memory system for driver's seat, steering wheel and outside mirror	-	P	P	S
Driver's seat, steering wheel and outside mirrors position synchronization	-	P	P	S
Power tilt and telescope steering wheel with entry/exit assist	-	P	P	S
Rear Sonar System	-	P	P	S
Fold-down rear center armrest with trunk pass-through feature	S			
Rear window defroster with indicator light and timer	S			
Illuminated entry system with time delay fade-out	S			
Front seatback pockets	S			
Cruise control w/ steering wheel mounted controls	S			
Intelligent Cruise Control	-	P	P	-
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 illum. 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	S			

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<b>INSTRUMENTATION</b>	
Analog speedometer, tachometer, coolant temperature and fuel gauges (gauges move with steering wheel tilt) and white 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	

<b>AUDIO AND NAVIGATION SYSTEMS</b>	<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
6-speaker audio system with RDS and in-dash CD player	S	S	S	-
Infiniti Studio on Wheels by Bose® Premium Audio system w/ RDS, 10 speakers, in-dash single CD with Driver's Audio Stage	-	P	P	S
9.3GB Music Box Hard Drive	-	P	P	P
2.0GB Music Box Flash Memory Music Server	-	P	P	S
7.0-inch color display monitor with Infiniti controller	S			
Rear window in-glass diversity antenna	S			
XM® Satellite Radio	S			
Infiniti Hard Drive Navigation System with XM NavTraffic® and NavWeather®, Zagat Survey®	-	P	P	P
Auxiliary input for audio and video	S	-	-	-
USB Connection Port	-	S	S	S
Steering-wheel mounted audio controls	S			

<b>CAPACITIES</b>	
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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<b>CURB WEIGHTS</b>		<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
Curb weight (lbs.)	Front	1,946	1,948	2,116	1,948
	Rear	1,659	1,665	1,691	1,692
	Total	3,605	3,613	3,807	3,640
Weight distribution (% fr/rr, w/ driver)		54/46	54/46	55/45	53/47
GVWR (lbs.)		4,722	4,722	4,846	4,722

<b>EPA MILEAGE ESTIMATES</b> (Actual mileage may vary)		<b>G37</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
City		19			18
Highway		27			25
EPA Classification		Mid size			

<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	
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		
Vehicle Dynamic Control (VDC)		
Tire Pressure Monitoring System (TPMS)		
Brake-Operated Pre-Crash Seat Belts		P (not available on Base)

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## Technical Specifications, Features and Options

PACKAGES AND OPTIONS	G37 Journey	G37x AWD	G37S Sport 6MT
<b>Premium Package:</b> Power sliding tinted glass moonroof with rear tilt feature, sliding sunshade, and one-touch operation; Infiniti Studio on Wheels® by Bose® Premium Audio system with CD player with MP3 playback capability, RDS and 10 speakers, Drivers Audio Stage and 2GB Music Box; driver's seat, steering wheel and outside mirror memory system; seat and outside mirror position synchronization (outside mirrors automatically adjust as seat is moved); power tilt and telescoping steering wheel with entry/exit assist; rear sonar system	P	P	-
<b>Navigation Package:</b> Infiniti Hard Drive Navigation System with enhanced graphics, touchscreen, Lane Guidance and 3-D building graphics, Zagat Survey® restaurant reviews, XM NavTraffic® with Real-Time Traffic Information, XM NavWeather® (XM® subscription required, sold separately), 9.3GB Music Box Hard Drive (replace 2GB Music Box), Streaming Audio via Bluetooth®, DVD-video playback, Infiniti Voice Recognition for climate control, audio and navigation systems (includes Spanish language support)	P	P	P
<b>Technology Package:</b> Intelligent Cruise Control, Brake Assist with Preview Braking, pre-crash seat belts, rain-sensing function for windshield wipers, Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier	P	P	-
<b>Sport Package (G37 Sedan Journey):</b> Split 5-spoke 18x7.5-inch aluminum-alloy wheels with P225/50R18 front and P245/45R18 rear W-rated summer performance tires; Sport Brakes with 4 piston opposed front calipers with 14.0x1.3 ventilated discs and 2-piston opposed rear calipers with 13.8x0.8-inch ventilated discs; sport-tuned suspension; 14.7:1 sport-tuned steering gear; Viscous Limited Slip Differential (VLSD); unique sport front fascia, "blacked out" headlights, unique sport side sills; front sport seats with manual thigh extension and driver's power torso and thigh support adjustment; unique sport stitching on steering wheel/front seats; aluminum pedals; solid magnesium paddle shifters	P	-	-

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## Technical Specifications, Features and Options

<b>PACKAGES AND OPTIONS (cont.)</b>	<b>G37 Journey</b>	<b>G37x AWD</b>	<b>G37S Sport 6MT</b>
<b>Sport Package (G37x Sedan AWD):</b> Split 5-spoke 18x7.5-inch aluminum-alloy wheels with P225/50R18 all-season tires; unique sport front fascia, "blacked out" headlights, unique sport side sills; front sport seats with manual thigh extension and driver's power torso and thigh support adjustment; unique sport stitching on steering wheel and front seat; aluminum pedals; solid magnesium paddle	-	P	-
<b>Performance Tire &amp; Wheel Package:</b> Split 7-spoke 18x7-inch aluminum-alloy wheels with P225/50R18 V-rated all-season tires	P	P	-
<b>Maple Accents:</b> High-gloss Maple accents on console, instrument panel and doors	P	P	-

**O** – Optional

**S** – Standard

**P** – Included in Package

12/09