

2012 Infiniti G37 Sedan

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE		
Type	VQ37VHR DOHC 24-valve	
Orientation	Vertical	
Cylinders / configuration	V6 with resin coated pistons	
Block / head composition	Aluminum-alloy/aluminum-alloy	
Displacement (liters / cc)	3.7 liters / 3,696 cc	
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	7,500 rpm	
Induction system	Sequential multi-point fuel injection	
Valvetrain	4 valves per cylinder	
Mounts	Front Rear	RWD & AWD – 2 liquid-filled RWD – 1 liquid-filled; AWD 1 solid
Required fuel	Premium unleaded	
Emissions system	Closed loop feedback system with 2 catalysts	
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	G37x AWD	G37 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
Adaptive Shift Control		S		-
Snow mode function with indicator		-	S	-
Gear ratios (:1)	1 st	4.923		3.794
	2 nd	3.193		2.324
	3 rd	2.042		1.624
	4 th	1.411		1.271
	5 th	1.000		1.000
	6 th	0.862		0.794
	7 th	0.771		-
	Rev.	3.972		3.446
Final drive ratio (:1)		3.357		3.692
Vehicle Dynamic Control (VDC)		S		
Viscous Limited Slip Differential (VLSD)		P	-	S

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BODY, SUSPENSION AND STEERING		G37 Journey	G37x AWD	G37 Sport 6MT
Body type	Unibody	High-strength steel corrosion-resistant, aluminum hood		
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 14.7:1	S P	S -	- S
Turning diameter (feet)	35.4 36.1 36.7	S - -	- S P	S - -
Turns (lock-to-lock)	3.09 2.94 2.91 2.73	S - - P	- S P -	- - - S

BRAKES		G37 Journey	G37x AWD	G37 Sport 6MT
Power-assisted vented disc (in.)	Front 12.6 x 1.1	S		-
	Rear 12.1 x 0.6	S		-
	Front 14.0 x 1.3	P	-	S
	Rear 13.8 x 0.8	P	-	S
4-piston front/2-piston rear calipers		P	-	S
Electronic Brake force Distribution (EBD)		S		
Brake Assist (BA)		S		
Brake Assist with Preview Braking Function		P	P	-
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S		
Parking brake		Foot-operated		Hand-operated

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WHEELS AND TIRES		G37 Journey	G37x AWD	G37 Sport 6MT
Wheels				
Aluminum-alloy	17x7.5 in painted finish	S		-
	18x7.5 front, 18x8.5 rear split 5-spoke	P	-	S
	18x7.5 front/rear split 5-spoke	-	P	-
	18x7.5 front/rear split 7-spoke	P	P	-
Tires				
All-Season	Goodyear P225/55R17 95V	S		-
High-Perf.	Bridgestone F: P225/50R18 95W R: P245/45R18 96W	P	-	S
All- Season	Dunlop F/R P225/50R18 94V	P	P	-
Temporary T145/80D17 spare		S	S	-
Temporary T145/70R18 spare		P	-	S

EXTERIOR DIMENSIONS (inches)		G37 Journey	G37x AWD	G37 Sport 6MT
Wheelbase		112.2		
Overall length		187.9		
Overall width		69.8		
Overall height		57.2	57.8	57.2
Front track width		59.8		
Rear track width	60.2	S	S	-
	59.8	P	-	S
Minimum ground clearance	5.1	S	P	-
	5.2	P	-	S
	4.9	-	S	-
Coefficient of Drag (Cd)		0.29		

EXTERIOR FEATURES AND OPTIONS		G37 Journey	G37x AWD	G37 Sport 6MT
High-Intensity Discharge (HID) xenon headlights		S		
Automatic on/off w/adjustable sensitivity and timing		S		
Unique sport headlights		P	P	S
Fog lights		S		
Body-color dual power controlled heated 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

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

INTERIOR FEATURES AND OPTIONS	G37 Journey	G37x AWD	G37 Sport 6MT
Leather-appointed seats	S		
8-way power driver's seat w/ manual adjustable lumbar support	S		
8-way power front passenger's seat	S		
Front sport driver's seat with manual thigh extension and power thigh and torso bolster adjustment	P	P	S
Front sport passenger's seat with manual thigh extension	P	P	S
Leather-covered steering wheel with illuminated audio and cruise control buttons	S		
"Shodo" finish aluminum trim	S		
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		
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	-

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Power windows with driver/front passenger-side one-touch auto-up/down with auto-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 auto-reverse feature for rear windows	S

INSTRUMENTATION	
Analog speedometer, tachometer, coolant temperature and fuel gauges and white electroluminescent instrumentation	S
Odometer with dual trip meters	
Analog clock	
Multi-function trip computer display with instantaneous fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	

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AUDIO AND NAVIGATION SYSTEMS	G37 Journey	G37x AWD	G37 Sport 6MT
6-speaker audio system with RDS and in-dash CD player	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
7.0-inch color display monitor with Infiniti controller	S		
Rear window in-glass diversity antenna	S		
XM® Satellite Radio (XM® subscription required, sold separately)	S		
Infiniti Hard Drive Navigation System with XM NavTraffic® and NavWeather® (XM® subscription required, sold separately), Zagat Survey®	P	P	S
MP3 playback	S		
Infiniti iPod® Interface System (USB)	S		
Steering-wheel mounted audio controls	S		
Infiniti Voice Recognition	P	P	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
Engine oil (qts.)	5.2
Engine coolant (qts.)	9.0 (9.1 6MT)

CURB WEIGHTS		G37 Journey	G37x AWD	G37 Sport 6MT
Curb weight (lbs.)	Front	1,959	2,127	1,984
	Rear	1,669	1,695	1,725
	Total	3,628	3,822	3,709
Weight distribution (% fr/rr, w/ driver)		54/46	56/44	54/46
GVWR (lbs.)		4,722	4,846	4,722

EPA MILEAGE ESTIMATES (Actual mileage may vary)	G37 Journey	G37x AWD	G37 Sport 6MT
City	19	18	17
Highway	27	25	25
EPA Classification	Mid size Sedan		

SAFETY AND SECURITY FEATURES	G37 Journey	G37x AWD	G37 Sport 6MT
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor	S		
Front seat-mounted side impact supp. air bags			
Roof-mounted curtain side impact supplemental			

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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 and adjustable upper anchors		
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	-

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PACKAGES AND OPTIONS	G37 Journey	G37x AWD	G37 Sport 6MT
Premium Package: 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; 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	O	O	S
Navigation Package: 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), Streaming Audio via Bluetooth®, DVD-video playback, Infiniti Voice Recognition for audio and navigation systems (includes Spanish language support)	O	O	S
Technology Package: 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	O	O	-
Sport Package RWD: 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, unique 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	O	-	-

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PACKAGES AND OPTIONS (cont.)	G37 Journey	G37x AWD	G37 Sport 6MT
Sport Package AWD: Split 5-spoke 18x7.5-inch aluminum-alloy wheels with P225/50R18 all-season tires; unique sport front fascia, unique headlights, unique sport side sills; front sport seats with manual thigh extension and driver's power torso and thigh support adjustment; aluminum pedals; solid magnesium paddle shifters	-	O	-
Performance Tire & Wheel Package: Split 7-spoke 18x7-inch aluminum-alloy wheels with P225/50R18 V-rated all-season tires	O	O	-
Interior Accent Package: High-gloss Maple accents on console, instrument panel and doors	O	O	-
Sport Appearance Edition (RWD): Front chin spoiler, rear decklid spoiler; power sliding tinted glass moonroof with one-touch open/close, tilt feature and sliding sunshade; Infiniti Studio on Wheels® by Bose® Premium Audio system with CD player with MP3 playback capability, RDS and 10 speakers, Drivers Audio Stage; 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	-	-
Sport Appearance Edition (AWD): Front chin spoiler, rear decklid spoiler; power sliding tinted glass moonroof with one-touch open/close, tilt feature and sliding sunshade; Infiniti Studio on Wheels® by Bose® Premium Audio system with CD player with MP3 playback capability, RDS and 10 speakers, Drivers Audio Stage; 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	-

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PACKAGES AND OPTIONS (cont.)	G37 Journey	G37x AWD	G37 Sport 6MT
Limited Edition RWD: Uniquely designed dark finish 18x7.5/18x8.5-inch front/rear aluminum-alloy wheels with P225/50R18/P245/45R18 front/rear W-rated summer performance tires; front chin spoiler, rear decklid spoiler, Midnight Black grille; Graphite leather-appointed interior; moonroof; Infiniti Studio on Wheels® by Bose® Premium Audio system; Drivers Audio Stage; driver's seat, steering wheel and outside mirror memory system; seat and outside mirror position synchronization; power tilt and telescoping steering wheel with entry/exit assist; rear sonar system; Infiniti Hard Drive Navigation System; Infiniti Voice Recognition; Sport Brakes; sport-tuned suspension; 14.7:1 sport-tuned steering gear; Viscous Limited-Slip Differential (VLSD); unique sport front fascia, headlights, sport side sills; front sport seats; aluminum pedal; solid magnesium paddle shifters	P	-	-
Limited Edition AWD: Uniquely designed dark finish 18x7.5-inch aluminum-alloy wheels with P225/50R18 all-season tires; front chin spoiler, rear decklid spoiler, Midnight Black grille; Graphite leather-appointed interior; moonroof; Infiniti Studio on Wheels® by Bose® Premium Audio system; Drivers Audio Stage; driver's seat, steering wheel and outside mirror memory system; seat and outside mirror position synchronization; power tilt and telescoping steering wheel with entry/exit assist; rear sonar system; Infiniti Hard Drive Navigation System; Infiniti Voice Recognition; unique sport front fascia, headlights, sport side sills; front sport seats; aluminum pedal; solid magnesium paddle shifters	-	P	-

O – Optional

S – Standard

P – Included in Package

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