

# 2011 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 litres
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 catalysts
Emission certification level	LEV-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>G37x AWD</b>	<b>G37x AWD Sport</b>	<b>G37S Sport 6MT</b>
Drive configuration Front engine/rear-wheel drive Front engine/ATESSA ET-S® all-wheel drive		-	-	S
		S	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	S	-
Vehicle Dynamic Control (VDC)		S		
Viscous Limited Slip Differential (VLSD)		-		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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BODY, SUSPENSION AND STERRING		G37x AWD	G37x AWD Sport	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	-	-	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		

BRAKES		G37x AWD	G37x AWD Sport	G37S Sport 6MT
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
4-piston front/2-piston rear calipers		-	-	S
Electronic Brake force Distribution, Brake Assist		S		
Preview Braking		O		
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S		

WHEELS AND TIRES		G37x AWD	G37x AWD Sport	G37S Sport 6MT
<b>Wheels</b>				
Aluminum-alloy	17 x 7.5 in.	S	-	
	18 x 7.5 front	-	S	
	18 x 7.5 rear	-	S	-
	18 x 8.5	-	-	S
<b>Tires</b>				
All-Season	P225/55R17	S	-	
All-Season	P225/50R18	-	S	-
Summer-only	P225/50R18	-		S
Temporary T145/80D17 spare		S		-
Temporary T145/70R18 spare		-		S

EXTERIOR DIMENSIONS mm/inches	G37x AWD	G37x AWD Sport	G37S Sport 6MT
Wheelbase	2850 / 112.2		
Overall length	4750 / 187.0		
Overall width	1773 / 69.8		

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Overall height	1463 / 57.6	1468 / 57.8	1453 / 57.2
Front track width	1519 / 59.8		
Rear track width	1529 / 60.2 (RWD 17-inch wheels), 1519 / 59.8 (RWD 18-inch wheels), 1524 / 60.0 (AWD)		
Minimum ground clearance	129.5 / 5.1 (RWD 17-inch wheels), 132 / 5.2 (RWD 18-inch wheels), 124.4 / 4.9 (AWD 17-inch wheels), 129.5 / 5.1 (AWD 18-inch wheels)		
Coefficient of Drag (Cd)	0.29		

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

INTERIOR DIMENSIONS mm/inches	Front	Rear
Head room without moonroof	1029/40.5	958/37.7
Head room with moonroof	993/39.1	945/37.2
Shoulder room	1412/55.6	1402/55.2
Hip room	1399/55.1	1364/53.7
Leg room	1115/43.9	881/34.7

INTERIOR FEATURES AND OPTIONS	G37x AWD	G37x AWD Sport	G37S 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		
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		
INTERIOR FEATURES AND OPTIONS	G37x AWD	G37x AWD Sport	G37S Sport 6MT

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(cont.)			
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	-	S	
Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier	-	O	
Aluminum pedals	-	S	
Memory system for driver's seat, steering wheel and outside mirror	O	S	
Driver's seat, steering wheel and outside mirrors position synchronization	O		S
Power tilt and telescope steering wheel with entry/exit assist	O	S	
Rear Sonar System	O	S	
Fold-down rear centre 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		O	-
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	

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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

INSTRUMENTATION	
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	

AUDIO AND NAVIGATION SYSTEMS	G37x AWD	G37x AWD Sport	G37S Sport 6MT
6-speaker audio system with RDS and in-dash CD player	S	-	
Infiniti Studio on Wheels by Bose® Premium Audio system w/ RDS, 10 speakers, in-dash single CD with Driver's Audio Stage	O	S	
9.3GB Music Box Hard Drive	O		
2.0GB Music Box Flash Memory Music Server	S		
7.0-inch colour 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®	O		
Auxiliary input for audio and video	S	-	-
USB Connection Port	S		
Steering-wheel mounted audio controls	S		

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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

CURB WEIGHTS	G37x AWD	G37x AWD Sport	G37S Sport 6MT
Curb weight (kg/lbs.)	1,680 / 3,704	1,680 / 3,704	1,602 / 3,532
Weight distribution (% fr/rr, w/ driver)	54/46	55/45	53/47
GVWR (lbs.)	4,722	4,846	4,722

Fuel Economy (Actual mileage may vary)	G37x AWD	G37x AWD Sport	G37S Sport 6MT
City L/100km	11.7		12.3
Highway L/100km	7.8		7.9

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

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PACKAGES AND OPTIONS	G37x AWD	G37x AWD Sport	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	O	-	-
<b>Hi-Tech 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) , 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	-
<b>Touring Package:</b> Rear View Monitor, Rear Sonar System, USB input, Bluetooth Hands-Free Phone System, Dual Zone Automatic Temperature Control System, A/C vent for rear passengers, Auto on/off headlights, 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;	-	S	S

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## Technical Specifications, Features and Options

PACKAGES AND OPTIONS (cont.)	G37x AWD	G37x AWD Sport	G37S Sport 6MT
<b>Navigation Package</b> Infiniti HD Navigation System with enhanced graphics; 9.3 GB Music Box Hard Drive; Bluetooth Advanced Audio Distribution Profile (A2DP); Digital video file (.avi) playback from USB flas drive on front 7" monitor; DVD-Video playback from disc slot on front 7" monitor; DVD-Video playback from disc slot on front 7" monitor; Infiniti Voice Recognition for Audio and Navi functions	O	O	O
<b>Maple Accents:</b> High-gloss Maple accents on console, instrument panel and doors	O	-	-
<b>Sport Model (6MT)</b> <u>Split 5-spoke, 18 x 7.5-inch aluminum-alloy wheels with 225/50R18 W-rated summer performance tires (front), and 18 x 8.5-inch aluminum-alloy wheels with 245/45R18 W-rated summer performance tires (rear Brakes with aluminum 4-piston opposed front calipers with 14.0 x 1.3-inch ventilated discs, and 2-piston opposed rear calipers with 13.8 x 0.8-inch ventilated discs, Sport Tuned Suspension, Sport-tuned Steering Gear, Viscous Limited-Slip rear Differential (VLSD), Unique Sport front Fascia Unique headlamps, Unique Sport side sills Front sport seats with manual thigh extension and driver's power torso and thigh side support adjustment Aluminum pedals (accelerator, brake) and footrest, Solid Magnesium Paddle Shifters</u>	-	-	S
<b>Sport Model (7AT)</b> Split 5-spoke, 18 x 7.5-inch aluminum-alloy wheels with 225/50R18 All Season tires (front and rear) Unique Sport front Fascia Unique headlamps Unique Sport side sills Front sport seats with manual thigh extension and driver's power torso and thigh side support adjustment Aluminum pedals (accelerator, brake) and footrest Solid Magnesium Paddle Shifters	-	S	-

**O** – Optional

**S** – Standard

12/09