

2012 Infiniti G25 Sedan

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE		
Type	VQ25VHR DOHC 24-valve	
Orientation	Vertical	
Cylinders / configuration	V6 with resin coated pistons	
Block / head composition	Aluminum-alloy/aluminum-alloy	
Displacement (liters / cc)	2.5 liters / 2,496 cc	
Horsepower	218 hp @ 6,400 rpm	
Torque	187 lb-ft @ 4,800 rpm	
Bore x stroke (mm)	85.0 x 73.3	
Compression ratio (:1)	10.3	
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
Recommended 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 (direct)	S
150 amp alternator	
1.6 kW starter	
80D23L battery	

DRIVETRAIN		G25	G25 Journey	G25x AWD
Front engine/rear-wheel drive		S		-
Front engine/ATESSA ET-S® all-wheel drive		-		S
Transmission type		7-speed automatic w/DS mode and Downshift Rev Matching		
Adaptive Shift Control		S		
Snow mode function with indicator		-	-	S
Vehicle Dynamic Control (VDC)		S		
Gear ratios (:1)	1st	4.783		
	2nd	3.102		
	3rd	1.984		
	4th	1.371		
	5th	1.000		
	6th	0.870		
	7th	0.775		
	Rev.	3.858		
Final drive ratio (:1)		3.357		

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BODY, SUSPENSION AND STEERING		G25	G25 Journey	G25x AWD
Body type	Unibody Hood	High-strength steel corrosion-resistant Aluminum		
Front suspension		Independent double-wishbone w/stabilizer bar		
Rear suspension		Multi-link independent w/stabilizer bar		
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion		
Steering ratio		16.4:1		
Turning diameter (feet)		35.4		36.1
Turns (lock-to-lock)		3.09		2.94

BRAKES				
Power-assisted vented disc (in.)	Front	12.6 x 1.1		
	Rear	12.1 x 0.6		
Electronic Brake force Distribution (EBD)		S		
Brake Assist (BA)		S		
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S		
Parking brake		Foot-operated		

WHEELS AND TIRES		G25	G25 Journey	G25x AWD
Wheels				
Aluminum-alloy, painted finish	17x7.5 in.	S		
Tires				
All-Season	P225/55R17 95V	S		
Temporary T145/80D17 spare		S	S	S

EXTERIOR DIMENSIONS (inches)		G25	G25 Journey	G25x AWD
Wheelbase		112.2		
Overall length		187.9		
Overall width		69.8		
Overall height		57.2		57.8
Front track width		59.8		
Rear track width		60.2		
Minimum ground clearance		5.1		4.9
Coefficient of Drag (Cd)		0.29		

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EXTERIOR FEATURES AND OPTIONS	G25	G25 Journey	G25x AWD
High-Intensity Discharge (HID) xenon headlights	S		
Automatic on/off headlights with adjustable timer	-	S	
Dark chrome front grille	S		
Fog lights	S		
LED taillights	S		
Body-color manual folding and power-operated outside mirrors	S		
Heated outside mirrors	-	S	
Chrome trunk finisher	S		
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	-	O	O
Variable intermittent, speed-sensitive, flat blade windshield wipers	S		

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	G25	G25 Journey	G25x AWD
Leather-appointed seats	S		
8-way power driver's seat w/ manual adjustable lumbar support	S		
4-way power front passenger's seat	S	-	
8-way power front passenger's seat	-	S	
Leather-covered steering wheel with illuminated audio and cruise control buttons	S		
Manual tilt and telescoping steering column	S		
Automatic Temperature Control with microfiltration (single zone)	S	-	
Dual-Zone Automatic Temperature Control with microfiltration	-	S	
"Shodo" finish aluminum trim on center console, instrument panel and doors	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	

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INTERIOR FEATURES AND OPTIONS (cont.)	G25	G25 Journey	G25x AWD
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		
Power windows with driver/front passenger-side one-touch auto-up/down with auto-reverse feature,	S		
Power windows with remote keyless entry operation	-	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		
Infiniti 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 (gauges move with steering wheel tilt) 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	G25	G25 Journey	G25x AWD
6-speaker audio system with RDS and in-dash CD player	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		
MP3/WMA playback capability from recorded compact discs	S		
Auxiliary input for audio and video	S	-	
USB Connection Port	-	S	
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
Engine oil (qts.)	5.2
Engine coolant (qts.)	RWD: 8.8; AWD 9.3

CURB WEIGHTS		G25	G25 Journey	G25x AWD
Curb weight (lbs.)	Front	1,893	1,904	2,067
	Rear	1,656	1,660	1,685
	Total	3,549	3,564	3,752
Weight distribution (% fr/rr, w/ driver)		54/46	54/46	55/45
GVWR (lbs.)		4,674	4,674	4,795

EPA MILEAGE ESTIMATES (Actual mileage may vary)	G25	G25 Journey	G25x AWD
City	20		19
Highway	29		27
EPA Classification	Midsize Sedan		

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SAFETY AND SECURITY FEATURES	
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 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)	

PACKAGES AND OPTIONS	G25	G25 Journey	G25x AWD
Moonroof: Power sliding tinted glass moonroof with rear tilt feature, sliding sunshade, and one-touch operation	-	O	O

O – Optional

S – Standard

P – Included in Package