

# 2008 Infiniti G35 Sedan

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	G35	G35 Journey	G35x AWD	G35 Sport 6MT
Type	VQ35 DOHC 24-valve			
Orientation	Longitudinal			
Cylinders / configuration	V6 with molybdenum coated pistons			
Block / head composition	Aluminum-alloy/aluminum-alloy			
Displacement	3.5 liters / 3498cc			
Horsepower	306 hp @ 6,800 rpm			
Torque	268 lb-ft @ 4,800 rpm			
Bore x stroke (mm)	95.5 x 81.4			
Compression ratio (:1)	10.6			
Maximum engine speed	7,600 rpm			
Throttle	Dual Electronic throttle bodies			
Induction system	Sequential multi-point fuel injection			
Valvetrain	4 valves per cylinder			
Mounts (sides/rear/front)	2 / 1 / 1			
Fuel type	Premium Unleaded (recommended)			
Emissions system	Closed loop feedback system with 3-way catalyst			
Emission certification level	50 State, LEV2			
Exhaust	Dual exhaust with equal length headers			

ELECTRICAL	
Electronic ignition system	S
150 amp alternator	
80D23L battery (Heavy Duty)	

DRIVETRAIN	G35	G35 Journey	G35x AWD	G35 Sport 6MT
Drive configuration				
Front engine/rear-wheel drive	S		-	S
Front engine/ATESSA ET-S all-wheel drive	-		S	-
Transmission type	5-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)	1 <sup>st</sup>	3.841		3.794
	2 <sup>nd</sup>	2.352		2.324
	3 <sup>rd</sup>	1.529		1.624
	4 <sup>th</sup>	1.000		1.271
	5 <sup>th</sup>	0.839		1.000
	6 <sup>th</sup>	-		0.794
	Reverse	2.764		3.446
Final drive ratio (:1)	3.692			

## 2008 Infiniti G35 Sedan

### Technical Specifications, Features and Options

BODY, SUSPENSION AND STEERING		G35	G35 Journey	G35x AWD	G35 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
Sport tuning	unique front suspension geometry, tuning	-	-	P	-
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion			
Four-Wheel Active Steer (4WAS)		-	O (Sport Req'd)	-	O
Steering ratio (:1)		16.4 (AWD, RWD), 12.0 -19.5 variable (4WAS)			
Turning diameter (feet)		36.1 (AWD), 35.4 (RWD)			
Turns (lock-to-lock)		2.9 (AWD), 3.0 (RWD), 2.5 (4WAS)			

BRAKES		G35	G35 Journey	G35x AWD	G35 Sport 6MT
Power-assisted vented disc	Front	12.6-inch X 1.1-inch			13.0-inch X 1.3-inch
	Rear	12.1-inch X .6-inch			13.0-inch X .6-inch
Sport Package (optional)	Front	-	13.0-inch X 1.3-inch	-	S
	Rear	-	13.0-inch X .6-inch	-	S
Electronic Brake force Distribution (EBD) and Brake Assist (BA)		S			
Preview Braking		P			
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S			

WHEELS AND TIRES		G35	G35 Journey	G35x AWD	G35 Sport 6MT
<b>Wheels</b>					
Aluminum-alloy	17-inch (7.5 wide)	S			-
	18-inch (front 7.5, rear 8.5 wide)	-	O, P	-	S
	18-inch (F/R 7.5 wide)	-		O, P	-
<b>Tires</b>					
Goodyear All Season	P225/55R17 95V	S			-
Bridgestone High Perf.	Front: P225/50R18 95W Rear: P245/45R18 96W	-	O, P	-	S
All Season	F/R P225/50R18 94V	-		O, P	-
Temporary T145/80D17 spare tire		S			
Tire Pressure Monitor System (TPMS)		S			

# 2008 Infiniti G35 Sedan

## *Technical Specifications, Features and Options*

<b>EXTERIOR DIMENSIONS (inches)</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 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, Sport Pkg A/T, G35 Sport 6MT), 60.0 (G35x AWD)			
Minimum ground clearance	5.3		5.1	5.3
Coefficient of Drag (Cd)	0.29			

<b>EXTERIOR FEATURES AND OPTIONS</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport 6MT</b>
High-Intensity Discharge (HID) Bi-xenon headlights	S			
Automatic on/off	-		S	
Adaptive Front lighting System (AFS)	-		P	
Front 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	
Decklid spoiler	-	O (Sport Pkg Required)		O

<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>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport 6MT</b>
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 S 8-way -		- S	
Driver's side power thigh and torso bolster adjustment	-		P	S
Driver and front passenger manual thigh extension	-		P	S
Fold-down rear center armrest with locking trunk pass-through feature	S			

## 2008 Infiniti G35 Sedan

### *Technical Specifications, Features and Options*

Front seatback pockets	S		
Rear window defroster with indicator light and timer	S		
Illuminated entry system with time delay fade-out	S		
Driver's seat and steering wheel memory (2 position)	-	P	
Aluminum interior trim (Washi finish)	S		
Straight-grained African Rosewood interior trim	-	O (N/A Sport Pkg)	-
Aluminum sill plates w/ "Infiniti" script	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
Engine oil (qts.)	5.3
Engine coolant (qts.)	9.5

<b>CURB WEIGHTS</b>	G35	G35 Journey	G35x AWD	G35 Sport 6MT
Curb weight (lbs.)	3,497	3,508	3,704	3,532
Weight distribution (% fr/rr, w/ driver)	53/47			
GVWR (lbs.)	4,658		4,788	4,658

<b>2007 EPA MILEAGE ESTIMATES</b> <i>(Actual mileage may vary)</i>	G35	G35 Journey	G35x AWD	G35 Sport 6MT
City	17			
Highway	24		23	25
EPA Classification	Mid size			

## 2008 Infiniti G35 Sedan

### *Technical Specifications, Features and Options*

<b>AUDIO SYSTEM</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport 6MT</b>
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	-	P		
Bose® "Studio on Wheels" audio system w/ RDS, 10 speakers, in-dash single CD with 24-bit Burr Brown® Digital Audio Converters + 6-disc trunk-mounted CD player	-	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 Music Box and Touch Panel	-	P (w/ Navi Pkg)		
Auxiliary audio input, 3-pin center console	S			
Infiniti iPod interface	-	P		
Steering-wheel mounted audio controls	S			

<b>SAFETY AND SECURITY FEATURES</b>	
Advanced Air Bag System (AABS) with dual-stage front supplemental air bags with seat belt sensors and occupant detection sensor	S
Front-seat mounted side-impact supp. air bags	
Supplemental side-impact curtain air bags, front and rear, roof mounted	
Active front-seat head restraints	
LATCH system: rear child safety seat tether anchors (3 in rear parcel shelf, lower rigid bar anchor in 2 outboard positions)	
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	
Emergency wallet key	
Brake-Operated Pre-Crash Seat Belts	

## 2008 Infiniti G35 Sedan

### *Technical Specifications, Features and Options*

<b>COMFORT AND CONVENIENCE FEATURES</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport 6MT</b>
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			
Cup holders, 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 (w/ Navi Pkg)		

<b>INSTRUMENTATION</b>	
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	

## 2008 Infiniti G35 Sedan

### *Technical Specifications, Features and Options*

PACKAGES AND OPTIONS	G35	G35 Journey	G35x AWD	G35 Sport 6MT
<b>Premium Package:</b> Tinted glass power sunroof 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 (standard on G35x AWD), compass in interior rearview mirror, power entry/exit assist (n/a on 6MT) Driver's Audio Stage; Infiniti iPod Interface	-	O		
<b>Sport Package:</b> 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); Larger front brake calipers; unique front fascia and side sills; sport-style seats w/thigh extension and power thigh and torso support	-	O	O, no VLSD No larger Brakes, 225/50 R18 All Season All 4 Tires/Wheels	S
<b>Technology Package:</b> Intelligent Cruise Control; Adaptive Front lighting System (AFS); Pre-crash seatbelts; Brake Assist with Preview Braking (requires Navigation Package)	-	O		
<b>Performance Tire &amp; Wheel Package:</b> 225/50R18 front and 245/50R18 rear W-rated tires and 18-inch lightweight cast aluminum wheels (requires Premium Package, n/a w/ Sport Package)	-	O	O, 225/50 R18 All Season All 4 tires/wheels	S

## 2008 Infiniti G35 Sedan

### *Technical Specifications, Features and Options*

PACKAGES AND OPTIONS, cont'd	G35	G35 Journey	G35x AWD	G35 Sport 6MT
<b>Wood Trim:</b> Genuine African Rosewood trim on center console, instrument panel and doors (requires Graphite or Wheat interior and Premium Package, n/a w/ Sport Package)	-		O	---
<b>Moonroof:</b> Tinted glass power moonroof with rear tilt feature, sliding sunshade, and one-touch operation (included in Premium Package)	-		O (NA with Sport Pkg)	-
<b>Navigation Package:</b> Infiniti Navigation System (hard disc drive-based) with Infiniti controller and 7.0-inch color touch screen; Lane guidance (part of route guidance) and building footprints (enhanced graphics); 9.3-GB Music Box hard drive (replaces in-dash 6-disc CD changer); compact flash slot for playing MP3 files; real-time traffic information; voice recognition functions for HVAC, audio and navigation; RearView Monitor; includes trunk mounted 6-disc CD changer	-		O (Requires Premium Pkg)	
<b>Four Wheel Active Steer Package:</b> Front and Rear Active Steer Systems (Requires Premium Package)	-	O (Requires Sport Pkg)	-	O
<b>Rear Spoiler</b> (n/a w/ 4WAS) (Requires Premium Package)	-		O (Requires Sport Pkg)	O

**O** – Optional

**S** – Standard

**P** – Included in Package

9/07