

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 st	3.841		3.794
	2 nd	2.352		2.324
	3 rd	1.529		1.624
	4 th	1.000		1.271
	5 th	0.839		1.000
	6 th	-		0.794
	Reverse	2.764		3.446
Final drive ratio (:1)	3.692			

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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
Wheels					
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	-
Tires					
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			

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EXTERIOR DIMENSIONS (inches)	G35	G35 Journey	G35x AWD	G35 Sport 6MT
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			

EXTERIOR FEATURES AND OPTIONS	G35	G35 Journey	G35x AWD	G35 Sport 6MT
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

INTERIOR DIMENSIONS (inches)	Front	Rear
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

INTERIOR FEATURES AND OPTIONS	G35	G35 Journey	G35x AWD	G35 Sport 6MT
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			

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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		

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.)	5.3
Engine coolant (qts.)	9.5

CURB WEIGHTS	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

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

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AUDIO SYSTEM	G35	G35 Journey	G35x AWD	G35 Sport 6MT
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			

SAFETY AND SECURITY FEATURES	
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	

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COMFORT AND CONVENIENCE FEATURES	G35	G35 Journey	G35x AWD	G35 Sport 6MT
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)		

INSTRUMENTATION	
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	

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PACKAGES AND OPTIONS	G35	G35 Journey	G35x AWD	G35 Sport 6MT
Premium Package: 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		
Sport Package: 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
Technology Package: Intelligent Cruise Control; Adaptive Front lighting System (AFS); Pre-crash seatbelts; Brake Assist with Preview Braking (requires Navigation Package)	-	O		
Performance Tire & Wheel Package: 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

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PACKAGES AND OPTIONS, cont'd	G35	G35 Journey	G35x AWD	G35 Sport 6MT
Wood Trim: 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	---
Moonroof: Tinted glass power moonroof with rear tilt feature, sliding sunshade, and one-touch operation (included in Premium Package)	-		O (NA with Sport Pkg)	-
Navigation Package: 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)	
Four Wheel Active Steer Package: Front and Rear Active Steer Systems (Requires Premium Package)	-	O (Requires Sport Pkg)	-	O
Rear Spoiler (n/a w/ 4WAS) (Requires Premium Package)	-		O (Requires Sport Pkg)	O

O – Optional

S – Standard

P – Included in Package

9/07

https://www.g35club.org/download/2008_sedan_specs.pdf