

2006 Infiniti G35 Sedan

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	G35	G35x AWD	G35 6MT
Type	VQ35 DOHC 24-valve		
Orientation	Vertical		
Cylinders / configuration	V6 with molybdenum coated pistons		
Block / head composition	Aluminum-alloy/aluminum-alloy		
Displacement	3.5 liters		
Horsepower*	280 hp @ 6,200 rpm		298 hp @ 6,400 rpm
Torque	270 lb-ft @ 4,800 rpm		260 lb-ft @ 4,800 rpm
Bore x stroke (mm)	95.5 x 81.4		
Compression ratio (:1)	10.3		
Maximum engine speed (AT/MT)	6,600 rpm / 7,000 rpm		
Throttle	Electronic throttle		
Induction system	Sequential multi-point fuel injection		
Valvetrain	4 valves per cylinder		
Mounts (sides/rear)	2 / 1		
Recommended fuel	Premium unleaded		
Emissions system	Closed loop feedback system with 3-way catalyst		
Emission certification level	50 State, LEV2		
Exhaust	Dual tip straight with dual chrome finisher		

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

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DRIVETRAIN		G35	G35x AWD	G35 6MT
Drive configuration Front engine/rear-wheel drive Front engine/AWD		S -	- S	S -
Transmission type		5-speed electronically controlled automatic transmission with manual shift mode		6-speed manual close-ratio transmission
Automatic Transmission Control - electronic		S		-
Snow mode with indicator		-	S	-
Vehicle Dynamic Control (VDC)		S		
Viscous Limited-Slip Differential (VLSD)		P	-	S
Gear ratios (:1)		5 A/T		6 M/T
	1st	3.540		3.794
	2nd	2.264		2.324
	3rd	1.471		1.624
	4th	1.000		1.271
	5th	0.834		1.000
	6th	-		0.794
	Reverse	2.370		3.446
Final drive ratio (:1)		3.357	3.538	3.538

BODY, SUSPENSION AND STEERING	
Body type	High-strength steel corrosion-resistant unibody
Front suspension	Multi-link independent suspension
Front stabilizer bar	S
Rear suspension	Multi-link independent suspension
Rear stabilizer bar	S
Steering type	Power-assisted rack-and-pinion
Steering ratio (:1)	15.9
Turning diameter (feet)	36.0
Turns (lock-to-lock)	2.7

BRAKES	
Front: 12.6-inch X 1.1-inch power-assisted vented disc	S
Rear: 12.1-inch X .63-inch power-assisted vented disc	
Electronic Brake force Distribution and Brake Assist	
4-channel/4-sensor Anti-lock Braking System (ABS)	

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WHEELS AND TIRES	G35	G35x AWD	G35 6MT
Wheels			
17-inch (7JJ) luxury aluminum-alloy wheels w/ titanium-color finish (7 spoke)		S	-
18-inch (7.5JJ) split 5-spoke aluminum-alloy wheels	P	-	S
Tires			
P215/55R17 V tires		S	-
P235/45R18 W tires	P	-	S
Bridgestone or Goodyear all-season tires		S	
Temporary T145/80D17 spare tire		S	
Full-size spare with alloy wheel		O	
Tire Pressure Monitor System (TPMS)		S	

EXTERIOR DIMENSIONS (in inches)	
Wheelbase	112.2
Overall length	186.5
Overall width	69.0
Overall height	57.7
Front track width RWD/AWD	59.1/59.3
Rear track width RWD/AWD	59.3/59.3
Minimum ground clearance	5.51
Coefficient of Drag (Cd) (0 front lift)	0.27 / with spoiler - 0.26 (0 rear lift)

EXTERIOR FEATURES AND OPTIONS	
HID headlights	S
Heated, body-color dual power controlled outside mirrors	
Body-color side moldings	
Dual-sliding glass sunroof with one-touch open/close	P

INTERIOR DIMENSIONS (in inches)	Front	Rear
Head room	40.1	37.9
Head room with sunroof	38.7	37.4
Shoulder room	56.4	55.5
Hip room	52.2	54.1
Leg room	43.6	33.6

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INTERIOR FEATURES AND OPTIONS	G35	G35x AWD	G35 6MT
Leather-appointed seats	S		
Heated front seat with high and low settings			
8-way power driver's seat w/ adjustable lumbar support			
4-way power passenger's seat			
Fold-down rear center armrest with locking trunk pass-through feature			
Front seatback pockets			
Rear window defroster with indicator light and timer			
Illuminated entry system with time delay fade-out			
Driver's seat and steering wheel memory (2 position)			

CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft.)	98.0 (95.5 w/ sunroof)
Trunk volume (cu. ft.)	14.8 (w/ temporary spare tire)
Fuel tank (gals.)	20.0
Engine oil (qts.)	4.7
Engine coolant (qts.)	9.1

CURB WEIGHTS	G35	G35x AWD	G35 6MT
Curb weight (lbs.)	3,449	3,650	3,472
Weight distribution (% fr/rr)	53/47		
GVWR (lbs.)	4,500	4,742	4,500

2006 EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	G35	G35x AWD	G35 6MT
City	18	17	19
Highway	25	24	26
EPA Classification	Compact		

AUDIO SYSTEM	
6-speaker audio system with RDS and in-das 6-disc changer with mp3 playback capability	S
Bose® audio system w/ RDS, 7 speakers and in-dash CD player with mp3 playback capability	P
Rear window diversity antenna	S
Bluetooth® Hands-Free Phone System	P
Satellite Radio: XM® or Sirius™ provider	O
DVD-based Infiniti Navigation System	P

COMFORT AND CONVENIENCE FEATURES	
Cruise control w/ steering wheel mounted controls	S

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Air conditioning w/ automatic temperature control
Power windows with driver/front passenger-side one-touch auto-up/down with safety reverse feature, remote keyless entry operable
Remote trunk release
Center console with two storage compartments and internal 12-volt power outlet
Locking glove compartment with light
Driver and front-passenger sun visors with extenders and illuminated vanity mirrors
Dual overhead map lights w/ sunglasses holder
Dual front/rear cup holders
Intelligent Key

SAFETY AND SECURITY FEATURES	
Advanced Air Bag System with dual-stage front supplemental air bags with seat buckle switches/RF occupant classification sensor	S
Front-seat side-impact supplemental 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	
Energy-absorbing steering column	
3-point front seat belts with adjustable upper anchors (passenger side ALR/ELR)	
Vehicle Security System with indicator light	
Remote Keyless Entry system	
First aid kit	
Electronic master ignition key	
Emergency wallet key	
Infiniti Vehicle Immobilizer System	

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INSTRUMENTATION	
Analog speedometer and tachometer	S
Coolant temperature and fuel gauges	
Odometer with dual trip meters	
Analog quartz clock	

PACKAGES AND OPTIONS	G35	G35x AWD	G35 6MT
Premium Package A: dual-sliding glass sunroof with one-touch open/close feature, Bluetooth® Hands-Free Phone System, dual zone A/C w/ rear vents, driver's seat and steering wheel memory with automatic entry/exit system, auto on/off headlights, HomeLink® Universal Transceiver, automatic anti-glare rear-view mirror, one touch up/down on all windows, Bose® premium audio system with 7-speakers, manual reclining rear seats, power tilt and telescopic steering wheel		-	O
Premium Package B (Requires Sport-Tuned Package): Premium Package A contents plus Intelligent Key, driver's auto entry/exit system and rear a/c vents	O		-
Premium Package C (N/A with Sport-Tuned Package): Premium Package B contents plus Full-size spare		O	-
Wood (requires Premium Package C): genuine straight-grain Rosewood trim, leather and wood shift knob, wood insert on front and rear doors armrests and center console		O	-
Sunroof: dual-sliding glass sunroof with one-touch open/close feature		O	
Navigation (requires Premium Package): 7.0-inch LCD pop-up/retractable tilt-screen monitor, DVD-type navigation		O	
Sport-Tuned Suspension Package: Sport-tuned suspension, 18 in. wheels, P235/45R18 W, Viscous Limited-Slip Differential	O	-	S
Aero Package (Requires Sport-Tuned Package): rear spoiler and rear side air diffusers	O	-	O

7/05

O – Optional

S – Standard

P – Included in Package

* All horsepower ratings are per SAE J1349 JUN1995