

# 2005 Infiniti G35 Sedan

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	<b>G35</b>	<b>G35x AWD</b>	<b>G35 6MT</b>
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 required		
Emissions system	Closed loop feedback system with 3-way catalyst		
Emission certification level	50 State, LEV2		
Exhaust	Dual tip straight with dual chrome finisher		

<b>ELECTRICAL</b>	
Electronic ignition system	S
110 amp alternator	
80D26L battery (Heavy Duty)	

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

# 2005 Infiniti G35 Sedan

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<b>BODY, SUSPENSION AND STEERING</b>	
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
Sport-Tuned suspension	Optional on G35, Standard on G35 6MT
Steering type	Power-assisted rack-and-pinion
Steering ratio (:1)	15.9
Turning diameter (feet)	36.0
Turns (lock-to-lock)	2.7

<b>BRAKES</b>	
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)	

<b>WHEELS AND TIRES</b>	<b>G35</b>	<b>G35x AWD</b>	<b>G35 6MT</b>
<b>Wheels</b>			
17-inch (7JJ) luxury aluminum-alloy wheels w/ titanium-color finish (7 spoke)	S		-
18-inch (7.5JJ) split 5-spoke aluminum-alloy wheels		-	S
<b>Tires</b>			
P215/55R17 V tires	S		-
P235/45R18 W tires	O	-	S
Bridgestone or Goodyear all-season tires		S	
Goodyear Eagle NCT5 summer tires	O	-	S
Temporary T145/80D17 spare tire		S	
Full-size spare with alloy wheel		O	
Tire Pressure Monitor System		S	

<b>EXTERIOR DIMENSIONS (in inches)</b>	
Wheelbase	112.2
Overall length	186.5
Overall width	69.0
Overall height	57.7
Front track width (17" tires)	59.1
Rear track width (17" tires)	59.3
Minimum ground clearance	5.51
Coefficient of Drag (Cd)	0.27 / with spoiler - 0.26

# 2005 Infiniti G35 Sedan

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<b>EXTERIOR FEATURES AND OPTIONS</b>	
Radiator grille	S
Body-color side moldings	

<b>INTERIOR DIMENSIONS (in inches)</b>	<b>Front</b>	<b>Rear</b>
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

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>G35</b>	<b>G35x AWD</b>	<b>G35 6MT</b>
8-way power driver's seat w/ adjustable lumbar support	S		
4-way power passenger's seat w/ adjustable lumbar support			
Fold-down rear center armrest with locking trunk pass-through feature			
Driver's and front-passenger's seat back pockets			
Rear window defroster with indicator light and timer			
Heated body-colored dual power remote-controlled outside mirrors			
Electromagnetic trunk opener with emergency trunk opener			
Illuminated entry system with time delay fade-out			
Center display air conditioner, outside temperature, compass			
3 spoke, 370 mm leather-wrapped steering wheel			

<b>CAPACITIES</b>	
Seating capacity	5
Interior passenger volume (cu. ft.)	98.0
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
Maximum towing capacity (lbs.)	1,000 (trailer)

<b>CURB WEIGHTS</b>	<b>G35</b>	<b>G35x AWD</b>	<b>G35 6MT</b>
Curb weight (lbs.)	3,468	3,650	3,512
Weight distribution (% fr/rr)	54/46	55/45	54/46
GVWR (lbs.)	4,500	4,742	4,500

# 2005 Infiniti G35 Sedan

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<b>AUDIO SYSTEM</b>	
6-speaker audio system with RDS and in-das 6-disc changer with mp3 playback capability	S
Bose audio w/ RDS, 7 speakers and in-dash CD player with mp3 playback capability	O
Rear window diversity antenna	S

<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control w/ steering wheel mounted controls	S
Air conditioning w/ automatic temperature cntrl	
Power windows with driver/front passenger-side one-touch auto-up/down with safety reverse feature, remote keyless entry operable	
Remote trunk release	
Power door locks with selective unlocking feature and remote keyless entry system	
Center console with two storage compartments and internal 12-volt power outlet	
Locking glove compartment with lights	
Driver and front-passenger sun visors with extenders	
Dual overhead map lights	
Dual front/rear cup holders	
Rear armrest with cup holders	
Fully carpeted trunk	
Auxiliary glove compartment	

<b>SAFETY AND SECURITY FEATURES</b>	
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	

<b>2005 EPA MILEAGE ESTIMATES</b>	<b>G35</b>	<b>G35x AWD</b>	<b>G35 6MT</b>
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<i>(Actual mileage may vary)</i>			
City	17	TBD	TBD
Highway	24	TBD	TBD
EPA Classification	Compact		

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

MODELS, PACKAGES AND OPTIONS	G35	G35x AWD	G35 6MT
<b>Premium Package A:</b> dual-sliding glass sunroof with one-touch open/close feature, A/C dual zone w/ rear vents, driver's seat 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
<b>Premium Package B (Requires Sport-Tuned Package):</b> Premium Package A contents plus Intelligent Key, auto entry/exit system and Rear a/c vents	O	-	
<b>Premium Package C (N/A with Sport-Tuned Package):</b> Premium Package B contents plus Full-size spare		O	-
<b>Wood (requires Premium Package C):</b> genuine straight-grain Rosewood trim, leather and wood shift knob, wood insert on front and rear doors armrests and center console		O	-
<b>Sunroof:</b> dual-sliding glass sunroof with one-touch open/close feature		O	
<b>Navigation (requires Premium Package):</b> 7.0-inch LCD pop-up/retractable tilt-screen monitor, DVD-type navigation		O	
<b>Sport-Tuned Suspension Package:</b> Sport-tuned suspension, 18 in. wheels, P235/45R18 W, Viscous Limited Slip Differential	O	-	S
<b>Aero Package (Requires Sport-Tuned Package):</b> rear spoiler and rear side air diffusers		-	O

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- O** – Optional
- S** – Standard
- P** – Included in Package