

# 2007 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>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
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)	2 / 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				

<b>ELECTRICAL</b>	
Electronic ignition system	S
150 amp alternator	
80D23L battery (Heavy Duty)	

<b>DRIVETRAIN</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
Drive configuration					
Front engine/rear-wheel drive	S		-		S
Front engine/AWD	-		S		-
Transmission type					
5-speed auto w/DS mode and Downshift Rev Matching			S		-
6-speed manual			-		S
Automatic Transmission Control			S		-
Snow mode with indicator	-		S		-
Vehicle Dynamic Control (VDC)			S		
Viscous Limited Slip Differential (VLSD)		-			S
Gear ratios (:1)					
<b>1<sup>st</sup></b>			3.841		3.794
<b>2<sup>nd</sup></b>			2.352		2.324
<b>3<sup>rd</sup></b>			1.529		1.624
<b>4<sup>th</sup></b>			1.000		1.271
<b>5<sup>th</sup></b>			0.839		1.000
<b>6<sup>th</sup></b>			-		0.794
<b>Reverse</b>			2.764		3.446
Final drive ratio (:1)			3.692		3.692

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<b>BODY, SUSPENSION AND STEERING</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
Body type	unibody High-strength steel corrosion-resistant				
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 (:1)	16.4 (AWD, RWD), 13.5 (4WAS)				
Turning diameter (feet)	36.1 (AWD), 35.4 (RWD)				
Turns (lock-to-lock)	2.9 (AWD), 3.0 (RWD), 2.5 (4WAS)				
Rear Active Steer	-				O

<b>BRAKES</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
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	
Electronic Brake force Distribution (EBD) and Brake Assist (BA)	S				
Preview Braking	-	P (Tech)			
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)	S				

<b>WHEELS AND TIRES</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
<b>Wheels</b>					
Painted aluminum-alloy	17 " (7.5J)		S		-
	18" (front 7.5J, rear 8.5J)		-	P	-
<b>Tires</b>					
Goodyear	P225/55R17 95V		S		-
Bridgestone	Front: P225/50R18 95W	Rear: P245/45R18 96W	-	P	-
Temporary T145/80D17 spare tire	S				
Tire Pressure Monitor System (TPMS)	S				

<b>EXTERIOR DIMENSIONS (inches)</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</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, RWD 17", 18", AWD	60.2, 59.8, 60.0				
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</b>	<b>G35 Sport 6MT</b>
High-Intensity Discharge (HID) Bi-xenon headlights	S				
Adaptive Front lighting System (AFS)	-	P			
Front fog lights	S				

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Body-color dual power controlled outside mirrors	S	
Tinted glass power sunroof with rear tilt feature, sliding sunshade, one-touch operation	-	P
Decklid spoiler	-	O

<b>INTERIOR DIMENSIONS (in inches)</b>	<b>Front</b>	<b>Rear</b>
Head room	40.5	37.7
Head room with sunroof	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</b>	<b>G35 Sport 6MT</b>
Leather-appointed seats	S				
Heated front seat 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 8-way	S	-		
Driver's side power thigh and torso bolster adjustment	-			S	
Driver and front passenger manual thigh extension	-			S	
Fold-down rear center armrest with locking trunk pass-through feature	S				
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)	-	P			
Aluminum interior trim (Washi finish)	S				
Straight-grained African Rosewood interior trim	-	P		-	
Aluminum pedals	-			S	
Aluminum sill plates w/ "Infiniti" script	S				

<b>CAPACITIES</b>	
Seating capacity	5
Interior passenger volume (cu. ft.)	99.0 (96.5 w/ sunroof)
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

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<b>CURB WEIGHTS</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
Curb weight (lbs.)	3,497	3,508	3,704	3,538	3,532
Weight distribution (% fr/rr, w/ driver)	53/47				
GVWR (lbs.)	4,658		4,788	4,658	

<b>2006 EPA MILEAGE ESTIMATES</b> (Actual mileage may vary)	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
City	19				
Highway	26		25	26	27
EPA Classification	Mid size				

<b>AUDIO SYSTEM</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>
6-speaker audio system with RDS and in-dash CD player with MP3 playback capability	1-disc slot in dash	6-disc changer in dash			
Bose® "Studio on Wheels" audio system w/ RDS, 10 speakers and in-dash 6-disc CD player with MP3 playback capability and Burr Brown® Digital Audio Converters		P			
Bose® "Studio on Wheels" audio system w/ RDS, 10 speakers and in-dash single CD with Burr Brown® Digital Audio Converters + 6-disc trunk-mounted CD player with MP3 playback capability	-	P (Navi)			
7.0-inch color monitor display	S				
Rear window diversity antenna	S				
Bluetooth® Hands-Free Phone System	-	P			
Satellite Radio: XM® or Sirius™ provider	-	O)			
Hard disk-based Infiniti Navigation System with Music Box and Touch Panel	-	P (Navi)			
Auxiliary audio input, 3-pin center console	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 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)	

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Front seat belts with pretensioners and load limiters adjustable upper anchors (passenger side ALR/ELR)	S
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	

<b>COMFORT AND CONVENIENCE FEATURES</b>	<b>G35</b>	<b>G35 Journey</b>	<b>G35x AWD</b>	<b>G35 Sport</b>	<b>G35 Sport 6MT</b>					
Cruise Control w/ steering wheel mounted controls	S									
Intelligent Cruise Control w/ steering wheel mounted controls	-	P (Includes Preview Braking)								
Dual Zone Air conditioning w/ automatic temperature control	-	S								
Air conditioning w/ automatic temperature control	S									
Power windows with driver/front passenger-side one-touch auto-up/down with safety reverse feature, remote keyless entry operable										
Remote trunk release, electromagnetic trunk opener										
Locking glove compartment with light										
Driver and front-passenger sun visors with extenders and illuminated vanity mirrors										
Dual overhead map lights w/ sunglasses holder										
Cup holders, 4 front, 2 rear										
Intelligent Key system with push button ignition										
One-touch auto up/down with safety reverse feature for rear windows						-	P			
Rearview Monitor						-	P (Tech)			

<b>INSTRUMENTATION</b>	
Analog speedometer, tachometer, coolant temperature and fuel gauges (Gauges move with steering wheel tilt)	S
Odometer with dual trip meters	
Analog 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 Journey	G35x AWD	G35 Sport	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)	O			
<b>Technology Package:</b> Intelligent Cruise Control; Adaptive Front lighting System (AFS); Rearview Monitor; 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 or Sunroof)	O	-	S	S
<b>Wood Trim:</b> Genuine African Rosewood trim on center console, instrument panel and doors (requires Graphite or Wheat interior and Premium Package)	O		-	
<b>Sunroof:</b> Tinted glass power sunroof with rear tilt feature, sliding sunshade, and one-touch operation (included in Premium Package)	O			

<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), 9.5GB music hard drive (replaces in-dash 6-disc CD changer) and compact flash slot for playing MP3 files, real-time traffic information, voice recognition functions for HVAC, audio and navigation, XM™ satellite radio (requires Premium Package)	O			
<b>Four Wheel Active Steer Package:</b> Front and Rear Active Steer Systems	-		O	
<b>Rear Spoiler</b>	-		O	
<b>Satellite Radio:</b> Sirius® or XM™ (requires Premium Package)	O			

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# **2007 Infiniti G35 Sedan**

## *Technical Specifications, Features and Options*

O – Optional

S – Standard

P – Included in Package

9/06