

# 2004 Infiniti G35 Sport Sedan

## *Preliminary Technical Specifications, Features and Options*

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	
Type	VQ35 DOHC 24-valve
Orientation	Vertical
Cylinders / configuration	V6 with molybdenum coated pistons
Block / head composition	Aluminum / aluminum
Displacement	3.5 liters
Horsepower	260 hp @ 6,000 rpm
Torque	260 lb-ft @ 4,800 rpm
Bore x stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.3
Maximum engine speed	6,600 rpm
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, LEV1
Exhaust	Dual tip straight with dual chrome finisher

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

<b>DRIVETRAIN</b>	Sedan	Sedan Leather	Sedan Leather 6MT	Sedan Leather AWD
Drive configuration	Front engine/rear-wheel drive	S	S	S
	Front engine/AWD	-	-	S
Transmission type	5-speed auto w/ manual shift mode	S	-	S
	6-speed manual transmission	-	S	-
Automatic Transmission Control - electronic	S	-	-	S
Vehicle Dynamic Control (VDC)	S			
Limited-slip Differential	-	-	S	-
Gear ratios (:1)		<b>5 AT</b>	<b>6 MT</b>	<b>AWD</b>
	<b>1st</b>	3.540	3.794	3.540
	<b>2nd</b>	2.264	2.324	2.264
	<b>3rd</b>	1.471	1.624	1.471
	<b>4th</b>	1.000	1.271	1.000
	<b>5th</b>	0.834	1.000	0.834
	<b>6th</b>	-	0.794	-
	<b>reverse</b>	2.370	3.446	2.370
Final drive ratio (:1)		3.357	3.538	3.538

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<b>BODY, SUSPENSION AND STEERING</b>	
Body type	All-steel unibody corrosion resistant
Front suspension	Multi-link independent suspension
Front stabilizer bar	S
Rear suspension	Multi-link independent suspension
Rear stabilizer bar	S
Sport-Tuned suspension	Standard on 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: 11.7-inch X 0.9-inch power-assisted vented disc	S
Rear: 11.5-inch X 0.6-inch power-assisted vented disc	
Brake force Distribution and Brake Assist	
4-channel/4-sensor Anti-lock Braking System (ABS)	

<b>WHEELS AND TIRES</b>	Sedan	Sedan Leather	Sedan Leather 6MT	Sedan Leather AWD
17-inch (7JJ) aluminum-alloy wheels (6 spoke)	S			
17-inch (7JJ) aluminum-alloy wheels (5 spoke) with Sport-tuned suspension	-	O	S	-
P215/55R17 tires	S			
Bridgestone or Goodyear all-season tires	S		O	S
Goodyear summer tires	-	O	S	-
Temporary spare tire	S			
Full-size spare with alloy wheel	-	O (with package)		
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

<b>EXTERIOR FEATURES AND OPTIONS</b>	
Radiator grille	S
Rear combination lamp with side marker	
Body-color side moldings	

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<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>Sedan</b>	<b>Sedan Leather</b>	<b>Sedan Leather 6MT</b>	<b>Sedan Leather AWD</b>
6-way manual driver's seat w/ adjustable lumbar support	S	-		
8-way power driver's seat w/ adjustable lumbar support	-	S		
4-way manual passenger's seat	S	-		
4-way power passenger's seat	-	S		
Fold-down rear center armrest with trunk pass-through feature	S			
Driver's and front-passenger's seat back pockets				
Rear window defroster with timer				
Heated body-colored dual power remote-controlled outside mirrors manually folding				
Electromagnetic trunk opener with emergency trunk opener				
Illuminated entry system with time delay fade-out				
Center display air conditioner, outside temperature, compass				
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.)	5.7
Engine coolant (qts.)	9.0 (AT) – 9.25 (MT)
Maximum towing capacity (lbs.)	1,000 (trailer)

<b>CURB WEIGHTS</b>	<b>Sedan</b>	<b>Sedan Leather</b>	<b>Sedan Leather 6MT</b>	<b>Sedan Leather AWD</b>
Curb weight (lbs.)	3,336	3,369	3,398	3,677
Weight distribution (% fr/r)	52/48			
GVWR (lbs.)	4,509			

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<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control w/ steering wheel mounted controls	S
Air conditioning with 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	
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>AUDIO SYSTEM</b>	
120-watt, 6-speaker audio system with in-dash 6-disc changer and cassette	S
Rear window diversity antenna	

<b>SAFETY AND SECURITY FEATURES</b>	
Dual-stage front supplemental air bags with seat buckle switches	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>EPA MILEAGE ESTIMATES</b>	Sedan	Sedan	Sedan	Sedan

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<i>(Actual mileage may vary)</i>		Leather	Leather 6MT	Leather AWD
City	18		20	17
Highway	26		27	24
EPA Classification	Compact			

INSTRUMENTATION	
Electrofluorescent speedometer and tachometer	S
Coolant temperature, ambient temperature, and fuel gauges	
LCD odometer with dual trip meters	
Analog clock	

MODELS, PACKAGES AND OPTIONS	
<b>Premium Package w/o Full-Size Spare:</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, inside mirror auto-dimming, one touch up/down on all windows, Bose® premium audio system with 7-speakers, manual reclining rear seats	O
<b>Premium Package with Full-Size Spare:</b> Premium Package contents plus full-size spare tire	
<b>Sport-Tuned Suspension</b> (standard on 6MT model): sport-tuned springs and shock absorbers, 5-spoke aluminum-alloy sport wheels, 215/55R17 summer tires, titanium finish interior center console	
<b>Wood:</b> (requires Premium Package) genuine Bird's Eye Maple wood trim, leather and wood shift knob, wood insert on front and rear doors armrests	
<b>Sunroof:</b> dual-sliding glass sunroof with one-touch open/close feature	
<b>Navigation:</b> (requires Premium Package) 6.5-inch LCD pop-up/retractable screen monitor, DVD-type navigation	
<b>Bose:</b> Bose® premium audio system with RDS, 222-watt, 7 speakers, in-dash 6CD changer and cassette	
<b>Aero Package:</b> (available with Sport-Tuned Suspension only): rear spoiler and rear side air diffusers	
<b>All-season Tires:</b> (requires Sport-tuned Suspension or 6MT) P215/55R17 all-season tires	

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