

2004 Infiniti G35 Sport Coupe

Preliminary Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	
Type	VQ35DE DOHC 24-valve
Orientation	Vertical
Cylinders / configuration	V6 with molybdenum coated pistons
Block / head composition	Aluminum / aluminum
Displacement	3.5 liters
Horsepower	280 hp @ 6,200 rpm
Torque	270 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	Straight, one on each side with dual chrome finisher

DRIVETRAIN	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Drive configuration	Front engine/rear-wheel drive		
Transmission type	5-speed electronically controlled automatic transmission with manual shift mode		6-speed manual close-ratio transmission
Electronic Automatic Transmission Control	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) AT/MT	3.538		3.357
Differential type	Conventional		

BODY, SUSPENSION AND STEERING	
Body type	All-steel unibody construction
Front suspension	Multi-link suspension w/ stabilizer bar
Rear suspension	Multi-link suspension w/ stabilizer bar
Steering ratio (:1)	15.9

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Turning diameter (feet)	37.4
Turns (lock-to-lock)	2.6
Steering type	Power-assisted engine speed sensitive

BRAKES	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Front: 11.65-inch x 0.94-inch power-assisted vented disc	S		-
Rear: 11.5-inch x 0.63-inch power-assisted vented disc			
Brembo® brakes Front: 12.76-inch x 1.18-inch power-assisted – 4 pistons	-		S
Rear: 13.07-inch x 0.87-inch power-assisted – 2 pistons			
4-channel/4-sensor Anti-lock Braking System (ABS)	S		

ELECTRICAL	
Electronic ignition system	S
110 amp alternator	
80D23L battery	

WHEELS AND TIRES	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Wheels			
17-inch aluminum wheels (6 spoke) 7.5JJ	S		
18-inch forged aluminum (7 spoke) 8JJ	-	O	S
Tires			
225/50R17 (Fr), 235/50R17 (Rr)	S		-
225/45RW18 (Fr), 245/45R18 (Rr)	-	O	S
Temporary space-saver spare tire in trunk	S		
Tire Pressure Monitor System	S		

EXTERIOR DIMENSIONS (in inches)	
Wheelbase	112.2
Overall length	182.2
Overall width	71.5
Overall height	54.8
Front track width (17" tires)	60.4
Rear track width (17" tires)	60.6
Coefficient of Drag (Cd)	0.29 (0 degrees front lift)/0.28 with spoiler (0 degrees front and rear lift)

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EXTERIOR FEATURES AND OPTIONS	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Xenon headlights	S		
Heated outside mirrors	S		
Automatic anti-glare rearview mirror with HomeLink® Universal Transceiver	-	O	
Dual sliding glass sunroof with one-touch open/close	-	O	

INTERIOR DIMENSIONS (in inches)	Front	Rear
Head room	39.2	34.7
Shoulder room	53.7	52.7
Hip room	53.6	48.0
Leg room	43.8	31.4

INTERIOR FEATURES AND OPTIONS	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Leather-appointed seats	-	S	
Cloth seats	S	-	
Heated front seats – high and low settings	-	S	
6-way power driver's seat with manual recline and manual adjustable lumbar support	S		
2-way power passenger's seat with manual recline			
Folding rear seat back – entire seat folds down			
Front seatback map pockets			
Rear window defroster with timer			
Rear head restraints			
Illuminated entry system with time delay fade-out			

CAPACITIES	
Seating capacity	4
Interior passenger volume (cu. ft.)	86.6 (w/o sunroof); 84.9 (w/ sunroof)
Trunk volume (cu. ft.)	7.8
Fuel tank (gals.)	20.0
Engine oil (qts.)	5.7
Engine coolant (qts.)	9.25

CURB WEIGHTS	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
Curb weight (lbs.)	3,416	3,422	3,435
Weight distribution (% fr/rr)	53/47		
GVWR (lbs.)	4,360		

COMFORT AND CONVENIENCE FEATURES	

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Cruise control w/ steering wheel mounted controls	S
Air conditioning (digitally controlled w/ 6MT)	
Power windows with driver/passenger-side one-touch auto-up/down	
Rear center console	
Power door locks	
Tilt meters – meters move up and down with steering wheel tilt	
Locking glove compartment with lights	
Dual overhead map lights with sunglasses holder	
2 front / 2 rear cup holders	
Trunk net	

AUDIO SYSTEM	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
160-watt, 6-speaker audio system with in-dash 6-disc CD changer and cassette	S		
Rear glass antenna			
Satellite radio pre-wiring (XM or Sirius)			
225-watt Bose® audio system with 8 speakers, in-dash 6-disc CD changer and cassette	-	O	
DVD-type Infiniti Navigation System w/6.5" monitor			

SAFETY AND SECURITY FEATURES	
Dual-stage front supplemental air bags with seat belt sensors	S
Roof-mounted curtain side-impact supplemental air bags for driver and front passenger head protection	
Front-seat side-impact supplemental air bags	
LATCH system with child seat upper tether anchor	
3-point front seat belts with pretensioners and load limiters and adjustable upper anchors (passenger side ALR/ELR)	
3-point ALR/ELR seat belts for all passengers (driver ELR only)	
Front-seat active head restraints	

SAFETY AND SECURITY FEATURES	
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CONT.	
Vehicle Dynamic Control (VDC) including ABS and Traction Control System function	S
Vehicle Security System with indicator light	
Zone Body Construction with crumple zones	
Remote Keyless Entry system	
Emergency wallet key	
First aid kit (interior-mounted)	
Tamper resistant door lock key cylinder	

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	Coupe 5A/T	Coupe 5A/T w/Leather	Coupe 6M/T
City	18		20
Highway	26		27
EPA Classification	Compact		

INSTRUMENTATION	
Speedometer, tachometer, coolant temperature and fuel level gauges	S
Center display air conditioner, outside temperature and compass	
Digital dual trip odometers	
VDC cancel switch	
Analog clock	

PACKAGES AND OPTIONS	
Premium Package: dual-sliding glass sunroof with one-touch open/close feature, auto on/off headlights, Bose 225-watt audio system with 8 speakers, A/C dual zone, automatic anti-glare rearview mirror, HomeLink® Universal Transceiver	O
Performance Tire & Wheel Package: P225/45R18 (front) P245/45R18 (rear) Michelin Type S summer tires, unique 18-inch aluminum-alloy wheels, titanium-finished center console (only available on Leather Model)	
Aero Package (available with 18-inch wheels only): rear spoiler and rear underside air diffusers (located on both sides, rear of fuel tank) – produces zero lift and 0.28 Cd	
Bose: 225-watt Bose audio system with RDS, 8 speakers, in-dash 6-disc CD changer and cassette	
Sunroof: dual-sliding glass sunroof with one-touch open/close feature	

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Navigation System: (requires Premium Package) 6.5-inch LCD pop-up tilt screen monitor, DVD-type navigation	S
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