

# 2005 Infiniti G35 Coupe

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>		
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 (G35 Coupe) 298 hp @ 6,400 rpm (G35 Coupe 6MT)
Torque		270 lb-ft @ 4,800 rpm (G35 Coupe) 260 lb-ft @ 4,800 rpm (G35 Coupe 6MT)
Bore x stroke (mm)		95.5 x 81.4
Compression ratio (:1)		10.3
Maximum engine speed	5AT/6MT	6,600 rpm/7,000 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, LEV2
Exhaust		Straight, one on each side with dual chrome finisher

<b>DRIVETRAIN</b>		<b>G35 Coupe</b>	<b>G35 Coupe 6MT</b>
Drive configuration		Front engine/rear-wheel drive	
Vehicle Dynamic Control (VDC)		S	
Viscous Limited-Slip Differential (VLSD)		O	S
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)		<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)	AT/MT	3.357	3.538
Differential type		Conventional	

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<b>BODY, SUSPENSION AND STEERING</b>	
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
Turning diameter (feet)	37.4
Turns (lock-to-lock)	2.6
Steering type	Power-assisted engine speed sensitive

<b>BRAKES</b>	
Front: 12.6-inch x 1.1-inch power-assisted vented disc	S
Rear: 12.1-inch x 0.63-inch power-assisted vented disc	
Electronic Brake force Distribution (EBD) and Brake Assist (BA)	
4-channel/4-sensor Anti-lock Braking System (ABS)	

<b>ELECTRICAL</b>	
Electronic ignition system	S
110 amp alternator	
80D23L battery	

<b>WHEELS AND TIRES</b>	<b>G35 Coupe</b>	<b>G35 Coupe 6MT</b>
<b>Wheels</b>		
17" cast aluminum-alloy, 6-spoke, silver finish, 7JJ	S	-
18" forged aluminum-alloy, 7-spoke, titanium finish, 8JJ	O	-
19" Aluminum-alloy, 5-spoke, polished, FR 8JJ/RR 8.5JJ	O	S
<b>Tires</b>		
FR P225/50R17 V; RR P235/50R17 V	S	-
FR P225/45R18 W; RR P245/45R18 W	O	-
FR P225/40R19 W; RR P245/40R19 Y	O	S
Temporary space-saver spare tire in trunk	S	
Tire Pressure Monitor System	S	

<b>EXTERIOR DIMENSIONS (in inches)</b>	
Wheelbase	112.2
Overall length	182.2
Overall width	71.5
Overall height	54.8
Front tread width (17"/18"/19" tires)	60.4/60.4/60.6
Rear tread width (17"/18"/19" tires)	60.6/60.8/60.6
Coefficient of Drag (Cd)	0.29 (0 degrees front lift)/0.28 with spoiler (0 degrees front and rear lift)

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## Technical Specifications, Features and Options, cont.

<b>EXTERIOR FEATURES AND OPTIONS</b>	
Xenon headlights (low beam)	S
Halogen headlights (high beam)	S
Heated, body-color dual power remote-controlled outside mirrors	S
Automatic anti-glare rearview mirror with HomeLink® Universal Transceiver	P
Dual sliding glass sunroof with one-touch open/close	O/P

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

<b>INTERIOR FEATURES AND OPTIONS</b>	
Leather-appointed seats	S
Heated front seats – high and low settings	
8-way power driver's seat with manual adjustable lumbar support	
4-way power passenger's seat with manual adjustable lumbar support	
Folding rear seat back – entire seat folds down	
Front seatback map pockets	
Rear window defroster with indicator light and timer	
Rear head restraints	
Illuminated entry system with time delay fade-out	

<b>CAPACITIES</b>	
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.)	4.7
Engine coolant (qts.)	9.1

<b>CURB WEIGHTS</b>	<b>G35 Coupe</b>	<b>G35 Coupe 6MT</b>
Curb weight (lbs.)	3,486	3,512
Weight distribution (% fr/rr)	54/46	
GVWR (lbs.)	4,360	

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## Technical Specifications, Features and Options, cont.

<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control w/ steering wheel mounted controls	S
Air conditioning (digitally controlled)	
Auto-up/down and safety reverse feature front power windows	
Power door locks (driver and passenger side switches)	
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	

<b>AUDIO SYSTEM</b>	
6-speaker audio system with in-dash 6-disc CD changer, mp3 playback capability	S
Rear in-glass antenna	
Satellite radio (XM or Sirius)	O
Bose® audio system with 8 speakers, in-dash 6-disc CD changer	P
DVD-based Infiniti Navigation System w/7.0" monitor	

<b>SAFETY AND SECURITY FEATURES</b>	
Dual-stage front supplemental air bags with seat belt sensors/RF occupant classification sensor	S
Roof-mounted curtain side-impact supplemental air bags	
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	
3-point ALR/ELR seat belts for all occupants (driver ELR only)	
Front-seat active head restraints	
Vehicle Dynamic Control (VDC) including ABS and Traction Control System function	
Vehicle Security System with indicator light	
Zone Body Construction with crumple zones	
Remote Keyless Entry system	

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Technical Specifications, Features and Options, cont.

<b>SAFETY AND SECURITY FEATURES CONT.</b>	
Emergency wallet key	S
First aid kit (interior-mounted)	
Tamper resistant door lock key cylinder	

<b>2005 EPA MILEAGE ESTIMATES</b> (Actual mileage may vary)	<b>G35 Coupe</b>	<b>G35 Coupe 6MT</b>
City	18	19
Highway	26	26
EPA Classification	Compact	

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

<b>PACKAGES AND OPTIONS</b>	
<p><b>Sport-Tuned Suspension Package</b> (Standard on G35 Coupe 6MT): Sport-tuned suspension, 19-inch forged aluminum-alloy wheels, P225/40R19W front tires, P245/45R19W rear tires, drilled aluminum pedals, perforated leather and unique stitching on steering wheel, Viscous Limited-Slip Differential</p> <p><b>Premium Package:</b> Dual-sliding glass sunroof with one-touch open/close feature, Bose® audio system with RDS and 8 speakers, auto on/off headlights, power tilt/telescoping steering, A/C dual zone, automatic anti-glare rearview mirror, HomeLink® Universal Transceiver</p> <p><b>Performance Tire &amp; Wheel Package</b> (available on G35 Coupe model only): P225/45R18 (front) P245/45R18 (rear) Michelin Type S summer tires, unique 18-inch, 7-spoke aluminum-alloy wheels, titanium-tinted finish</p> <p><b>Aero Package:</b> rear spoiler and rear underside air diffusers (located on both sides, rear of fuel tank) – produces zero lift and 0.28 Cd</p> <p><b>Wood</b> (requires Premium Package, available Feb. 2005 production): genuine Rosewood wood trim, leather and wood shift knob, wood insert on front door grips</p>	O

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*Technical Specifications, Features and Options, cont.*

PACKAGES AND OPTIONS	
<b>Sunroof:</b> dual-sliding glass sunroof with one-touch open/close feature	O
<b>Navigation Package:</b> 7.0" LCD w/ power pop-up tilt screen monitor and DVD-type navigation	
<b>Bose Stereo Package:</b> Bose Audio System w/ 8 speakers and RDS (Radio Data System)	

1/05

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