

# 2006 Infiniti G35 Coupe

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>		<b>G35 Coupe</b>	<b>G35 Coupe 6MT</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 @ 6,200 rpm	298 @ 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	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	
Fuel type		Premium	
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>ELECTRICAL</b>		
Electronic ignition system		S
110 amp alternator		
80D23L battery		

<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 automatic with manual shift mode and Downshift Rev Matching	6-speed manual 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

<b>BODY, SUSPENSION AND STEERING</b>		
Body type		High-strength steel corrosion-resistant unibody
Front suspension		Multi-link suspension w/ stabilizer bar
Rear suspension		Multi-link suspension w/ stabilizer bar

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Rear Active Steer (RAS)	O
Steering type	
Power-assisted engine-speed sensitive	S
Power-assisted vehicle-speed-sensitive	O
Steering ratio (:1)	
Power-assisted engine-speed sensitive	15.9
Power-assisted vehicle-speed-sensitive	15.1
Turning diameter (feet)	37.4
Turns (lock-to-lock)	2.6

<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>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" cast aluminum-alloy, 7-spoke, titanium finish, 8JJ	O	-
19" forged 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 Y; RR P245/40R19 Y	O	S
Temporary 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 track width (17"/18"/19" tires)	60.4/60.4/60.6
Rear track width (17"/18"/19" tires)	60.6/60.6/60.6
<b>EXTERIOR FEATURES AND OPTIONS</b>	
High Intensity Discharge (HID) projector-beam bi-xenon headlights	0.29 (0 degrees front lift)/0.28 with spoiler (0 degrees front and rear lift)
Heated, body-color dual power remote-controlled outside mirrors	S

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Dual sliding glass sunroof with one-touch open/close	O/P	
Sport bumper and side sills	O	S

<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	
Folding rear seat back	
Front seatback map pockets	
Rear window defroster with indicator light and timer	
Rear head restraints	
Illuminated entry system with time delay fade-out	P
Drivers seat and steering wheel memory (2 position)	

<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.)	3,505	3,524
Weight distribution (% fr/rr)	54/46	
GVWR (lbs.)	4,391	

<b>2006 EPA MILEAGE ESTIMATES</b> (Actual mileage may vary)	<b>G35 Coupe</b>	<b>G35 Coupe 6MT</b>
City	18	19
Highway	25	26
EPA Classification	Compact	

<b>AUDIO SYSTEM</b>	
6-speaker audio system with RDS in-dash	S

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### *Technical Specifications, Features and Options*

6-speaker audio system with RDS in-dash 6-disc CD changer w/ mp3 playback capability	S
Rear window diversity antenna	
Satellite radio (XM or Sirius)	O
Bose® audio system with RDS, 8 speakers, in-dash 6-disc CD changer w/ mp3	P
Bluetooth® Hands-Free Phone System	
DVD-based Infiniti Navigation System	

<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control w/ steering wheel mounted controls	S
Air conditioning w/ auto temp control	
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	
Driver and front passenger sunvisors w/ extenders and illuminated vanity mirrors	
Dual front/rear cupholders	
Front seat belt guides	
Trunk net	
Intelligent Key System	P

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### *Technical Specifications, Features and Options*

<b>SAFETY AND SECURITY FEATURES</b>	
Advanced Air Bag System with dual-stage front supplemental air bags with seat belt sensors/RF occupant classification sensor	S
Roof-mounted curtain side-impact supplemental air bags for front passengers	
Front-seat side-impact supplemental air bags	
LATCH system with child seat upper tether anchor	
Vehicle Dynamic Control (VDC) including ABS and Traction Control System function	
Zone Body Construction with crumple zones	
3-point ALR/ELR seat belts for all occupants (driver ELR only)	
3-point front seat belts with pretensioners and load limiters and adjustable upper anchors	
Front-seat active head restraints	
First aid kit (interior-mounted)	
Vehicle Security System with indicator light	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	

<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	

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PACKAGES AND OPTIONS	
<b>Sport-Tuned Suspension Package</b> (Standard on G35 Coupe 6MT): Sport-tuned suspension, 19-inch forged aluminum-alloy wheels, P225/40R19Y front tires, P245/45R19Y rear tires, drilled aluminum pedals, perforated leather and orange stitching on steering wheel, Viscous Limited-Slip Differential, unique front fascia and side sills	O
<b>Premium Package</b> (6MT models only): 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, Bluetooth® Hands-Free Phone System and drivers seat and steering wheel memory	
<b>Premium Package w/ Intelligent Key</b> (G35 coupe models only): Premium Package contents plus Intelligent Key	
<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	
<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	
<b>Bose® Stereo Package:</b> Bose® Audio System w/ 8 speakers and RDS	
<b>Sunroof:</b> dual-sliding glass sunroof with one-touch open/close feature	
<b>Rear Active Steer Package:</b> Rear Active Steer, vehicle-speed-sensitive power steering with 15.1:1 steering gear ratio (requires Sport-Tuned and Premium Packages)	
<b>Navigation Package:</b> 7.0" LCD w/ power retractable and tilt screen monitor and DVD-based navigation	
<b>Wood:</b> Genuine Rosewood wood trim, leather and wood shift knob, wood insert on front door grips	

12/05

**O** – Optional

**S** – Standard

**P** – Included in Package

\* All horsepower ratings are per SAE J1349 JUN1995