

For Immediate Release

2006 Nissan 350Z Coupe Specifications

Specifications are based on latest product information available at the time of printing

Mechanical

Engine	
Name	VQ35DE
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6 w/ CVTCS & Molybdenum and coated pistons
Block / head composition	Aluminum/ aluminum
Displacement	3.5L
Horsepower*	300 @ 6,400 rpm on M/T models 287 @ 6,200 rpm
Torque (lb-ft)	260 @ 4,800 rpm on M/T models 274 @ 4,800 rpm
Bore & stroke (mm)	95.5 & 81.4
Compression ratio (:1)	10.3
Maximum engine speed	6,600 rpm (7,000 on M/T)
Induction system	Sequential multi-point electronic fuel injection
Valvetrain	4 valves per cylinder
Engine mounts	2 liquid; 1 rubber
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system w/ 3-way catalyst
Emissions certification level	LEV2
Exhaust	Dual (single each side)

Electrical	
Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.4KW reduction
Alternator	110 Amp.
Battery	12 Volt

Transmission and Drive System		
Drive configuration	Mid-mounted front-engine / rear-wheel drive	
Transmission type	6-speed manual	Standard (Base, Enth, Touring 6MT, G. Touring, Track)
	5-speed auto w/ manual mode	Standard (Touring 5AT), Optional (Enth, G. Touring)
Gear ratio	<u>M/T</u>	<u>A/T</u>
1 st	3.794	3.540
2 nd	2.324	2.264
3 rd	1.624	1.471
4 th	1.271	1.000
5 th	1.000	0.834
6 th	0.794	N/A
Reverse	3.446	2.370
Final drive ratio	3.538	3.357
Drive shaft	Carbon Fiber Reinforced Plastic (CFRP)	
Viscous Limited-Slip Differential (VLSD)	Standard on all models but Base	
Vehicle Dynamic Control (VDC)	Standard on G. Touring, Touring 6MT and Track models	
Traction Control System (TCS)	Standard on all models but Base	

Brakes		
Standard (standard on all except Track)		
Front	Type	Vented disc, single caliper pistons
	Rotor size diameter and thickness (in.)	12.59" x 1.10"
Rear	Type	Vented disc, single caliper piston
	Rotor size diameter and thickness (in.)	12.13" x 0.63"
Brembo® (standard on G. Touring/Track)		
Front	Type	Vented disc, 4 caliper pistons
	Rotor size diameter and thickness (in.)	12.76" x 1.18"
Rear	Type	Vented disc, 2 caliper pistons
	Rotor size diameter and thickness (in.)	12.68" x 0.87"
Brake Assist (BA)	S	
Brake control	Power-assisted (vacuum)	
Anti-lock Braking System (ABS)	S	
Number of wheels	4	
Number of channels	4	
Number of sensors	4	
Electronic Brake force Distribution (EBD)	S	
Parking brake	Hand operated on left side of center console	

Steering	
Type	Vehicle-speed-sensitive power steering
Overall ratio	15.9
Turns (lock-to-lock)	2.6
Turning diameter (ft.)	35.4
Steering wheel	3-spoke design w/ air bag
Tilt	Manual

Suspension	
Front	Independent multi-link aluminum suspension
Front strut tower bar	S
Stabilizer bar	S
Rear	Independent multi-link aluminum suspension
Integrated strut brace	S
Stabilizer bar	S

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant and high-strength steel
Hood	Aluminum
Rear hatch	Steel

Exterior

Wheels & Tires	Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Wheels						
Aluminum-alloy FR: 18"x8" RR: 18"x8.5"	S	S	-	S	S	-
RAYS Forged Alloy (5-spoke) FR 18"x 9" RR: 19"x10"	-	-	S	-	-	S
Tires						
Bridgestone Potenza RE040	S	S		S	S	
Michelin Pilot Sport	S	S		S	S	
Bridgestone Potenza RE050A			S			S
FR: 225/45R18 91W RR: 245/45R18 96W	S	S	-	S	S	-
FR: 245/40R18 93W RR: 265/40R19 94W	-	-	S	-	-	S
Spare tire Temporary (steel) T155/80D17+17x4T Tire Pressure Monitoring System (TPMS)				S S		
Location	(Trunk)					

Lights	Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Headlights Bi-xenon HID				S		
Taillights LED				S		

Interior

Seating	Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Capacity	2-Seater					
Seat Materials Sport Cloth Seats Perforated Leather - appointed		S -			- S	
Seat Type Bucket Passenger side seat back pocket Heated				S S		
Driver Seat 8-way (Manual) 8-way (Power/Manual)	S -	S -	S -	- S	- S	- S
Passenger Seat 4-way (Manual) 4-way (Power/Manual)	S -	S -	S -	- S	- S	- S

Audio	Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Head unit and speakers						
160W AM/FM/CD w/ 6 speakers	S	S	S	-	-	-
Illuminated Steering wheel audio controls	-	S	S	S	S	S
DVD Navigation System	-	-	-	0	0	0
240W Bose® 6CD 6 speakers + Subwoofer, In-dash/AM/FM, satellite Radio capability, Radio Data System (RDS), mp3 CD capability	-	-	-	S	S	S

Instrumentation	Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Meters/Gauges Speedometer Tachometer Coolant temperature Fuel level LCD dual trip odometer	S					
3-bay gauges Trip computer Tire pressure monitor Oil pressure gauge Voltmeter	S					
Indicators Clock M/T shift up timing indicator (light) A/T indicator Cruise Control TCS off VDC off	S When equipped with 6MT When equipped with 5AT N/A with Base model Enth, Tour 5AT Touring 6MT, G. Touring and Track					

Convenience Features	
Cruise control (ASCD)	S (except Base)
Power windows – driver and passenger one-touch up/down	S
Power door locks	S
Remote keyless entry system	S
Cupholders – 4 total	S
12-volt outlets – 2	S
Passenger assist grip	S
Sunvisors w/ vanity mirrors and lamps	S
2 rear upper storage boxes (1 with navi)	S
Lockable sub-trunk behind passenger seat	S
Storage Net	S
Card Holder	S
Inside rear view mirror – auto-dimming	S (N/A on Base model)
HomeLink® Universal Transceiver (UGDO)	S (N/A on Base model)

Safety and Security

Passenger Restraint Systems	
Air bags (SRS)	
Driver (dual-stage with seat belt sensors)	S
Passenger (dual-stage with seat belt sensor)	S
SRS side & curtain air bags, driver/passenger	O
Outboard seat belts, front	3-point (ALR/ELR for passenger, ELR for driver)
Seatbelts with pretensioners and load limiters	S
Tether anchorage	S
Power window lockout button	S

Passive Safety	
Zone Body Construction with front and rear crushable zones	S
Energy-absorbing steering column	
Slide away brake pedal	
Break away carbon composite drive shaft	
Hood buckling creases and safety stops	
Body side reinforcements	
Shift interlock system AT	
Clutch interlock system MT	

Security	
Steering wheel locks when key is removed	S
Vehicle Security System	
Immobilizer	

Dimensions

Exterior (inches)	
Wheelbase	104.3
Overall length	169.8
Overall width	71.5
Overall height	52.1
Coefficient of drag (Cd) (front)	0.30 (0.29 G. Tour and Track model)

Interior (inches)	
Head room	38.2
Leg room	42.6
Hip room	53.2
Shoulder room	53.6
Cargo volume SAE rating	6.8 cubic feet

Weights		Base	Enth	Track	Tour 5AT	Tour 6MT	G. Tour
Curb (pounds)	MT	3,339	3,346	3,400	-	3,370	3,404
	AT	-	3,344	-	3,380	-	3,391
Weight distribution (%) Front/Rear		53/47					
GVWR		3,919					

Capacities	
Fuel tank (gallons)	20.0
Engine oil (quarts)	5.0
Engine coolant w/ reservoir (quarts)	9.2

Volume (cubic feet)	
Passenger compartment	50.5
Cargo	6.8
Total	57.3

EPA Fuel Economy (Actual mileage may vary)		
City	MT/AT	19/19
Highway	MT/AT	25/25
Classification	Two Seater	

Options	
DVD-Based Navigation System	Available on Touring 5A/T, Touring 6M/T, Grand Touring models
Side and Curtain Air Bags	Available on all models
Satellite radio (XM [®] or Sirrus [™] providers)	Available on Touring and Grand Touring models

* All horsepower ratings are per SAE J1349 JUN1995