

For Immediate Release

2006 350Z® Roadster 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 CVTCS w/ Molybdenum coated pistons
Block / head composition	Aluminum/Aluminum
Displacement (liters)	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 x 81.4
Compression ratio (:1)	10.3
Maximum engine speed	6,600 RPM (7,000 RPM on M/T models)
Induction system	Sequential multi-point electronic fuel injection
Valvetrain	4 valves per cylinder
Engine cover	Standard
Engine mounts (3 mounts per vehicle)	2 liquid filled; 1 rubber
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system w/ 3-way catalyst
Emission 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		Enthusiast	Touring	Grand Touring
Drive configuration		Mid-mounted front engine / rear-wheel drive		
Transmission 6-speed manual 5-speed auto w/ manual mode		S O	S O	S -
Gear ratio		M/T	A/T	
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	
Driveshaft		Carbon Fiber Reinforced Plastic (CFRP)		
Vehicle Dynamic Control (VCD)		-		S
Viscous Limited-Slip Differential (VLSD)		S		
Traction Control System (TCS)		S		

Brakes		Enthusiast	Touring	Grand Touring
Front	Type	Vented disc		Brembo [®] vented disc
	Rotor size diameter and thickness (in.)	12.59 x 1.10		12.76 x 1.18
Rear	Type	Vented disc		Brembo vented disc
	Rotor size diameter and thickness (in.)	12.13 x 0.63		12.68 x 0.87
Brake Assist (BA)		S		
Brake control		Power-assisted (vacuum)		
Anti-lock Brake 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 along left side of center console		

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

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

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

Exterior

Wheels & Tires	Enthusiast	Touring	Grand Touring
Wheels			
Aluminum-alloy FR: 18"x8.0" RR: 18"x8.5"	S	S	S
Tires			
Bridgestone Potenza RE040	S	S	S
Michelin Pilot Sport	S	S	S
Fr: 225/45R18 91W, Rr: 245/45R18 96W	S	S	S
Temporary spare tire (Aluminum) T155/80D17+17x 4T		S	
Tire Pressure Monitoring System (TPMS)		S	
Location		Trunk	

Lights	
Headlights	
Bi-xenon HID	S
Taillights	S
LED	

Convertible	
Power Operated Soft Top with glass Rear Window and Defroster	S
Lightweight Powered tonneau cover	
Three-lock, single latch system	

Interior

Seating	Enthusiast	Touring	Grand Touring
Capacity	2		
Sport seat cloth	S	-	-
Leather - appointed	-	S	S
Type	Bucket		
Heated seats	-	S	S
Burnt Orange ventilated leather-trimmed net seats (heated)	-	O	O
Driver seat 8-way (4 power, 4 manual) 6-way (4 power, 2 manual)	S -	S O	S O
Passenger seat leather appointed - 4-way power	S		
Passenger seat back fold down function	S		
Seat back pocket (passenger seat)	S		

Audio	Enthusiast	Touring	Grand Touring
Head unit and speakers			
160W AM/FM/CD w/ 6 speakers	S	-	-
240W Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + subwoofer, mp3 CD Capability	-	S	S
Radio Data System (RDS)	-	S	S
Bose AudioPilot™ noise-compensation	-	S	S
DVD navigation system	-	O	O

Instrumentation	Enthusiast	Touring	Grand Touring
Meters/gauges			
Speedometer	S		
Tachometer	S		
Coolant temperature	S		
Fuel level	S		
LCD dual trip odometer	S		
3-bay gauges			
Trip computer	S		
Oil pressure gauge	S		
Voltmeter	S		
Indicators			
Clock	S		
M/T shift up timing indicator (light)	When equipped with 6 MT		
A/T indicator	When equipped with 5 AT		
Cruise control	S		
Overdrive off	When equipped with auto		
TCS off	S		

Convenience Features	
Cruise control (ASCD)	S
Power windows – driver and passenger one-touch up/down	S
Power door locks	S
Remote keyless entry system	S
Cupholders – 4	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 glove box behind passenger seat	S
Inside rear view mirror – auto-dimming	S
HomeLink® Universal Transceiver (UGDO)	S
Passenger Storage Net	S
Card Holder	S

Safety and Security

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

Passive Safety	
Energy-absorbing steering column	S
Hood buckling creases and safety stops	S
Zone Body construction with front and rear Crumple zones	S
Body side reinforcements	S
Shift interlock system AT	S
Clutch interlock system MT	S

Security	
Steering wheel locks when key is removed	S
Vehicle security system	S
Immobilizer	S

Dimensions

Exterior (inches)	
Wheelbase	104.3
Overall length	169.8
Overall width	71.5
Overall height	52.5
Tread width	
Front	60.5
Rear	60.6
Coefficient of drag (Cd) (front)	0.34

Interior (inches)	
Head room	39.2
Leg room	42.6
Hip room	53.2
Shoulder room	53.6
Cargo volume (cubic feet)	4.1

Weights		Enthusiast	Touring	Grand Touring
Curb (pounds)	MT	3,580	3,600	3602
	AT	3,578	3,598	3,600
Weight distribution (%) Front/rear		53/47		
GVWR		4,133		

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

Volume (cubic feet)	
Passenger compartment	51.8
Cargo	4.1
Total	57.3

EPA Fuel Economy		
<i>(Actual mileage may vary)</i>		
City	MT/AT	19/18
Highway	MT/AT	25/24
Classification		Two Seater

Options	Enthusiast	Touring	Grand Touring
DVD-based navigation system	-	O	O
18-inch chrome wheels	O	O	-
Ventilated leather-trimmed net seats	-	O	O
Side air bags	O	S	S

* All horsepower ratings are per SAE J1349 JUN1