

For Immediate Release

2007 350Z® Roadster Specifications

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

Mechanical

Engine	
Name	VQ35HR
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6 CVTCS w/ Molybdenum coated pistons
Block / head composition	Aluminum/Aluminum
Displacement (liters)	3.5L
Horsepower	306 @ 6,800 RPM
Torque lb-ft □ 268 lb-ft @ 4,800 RPM	
Bore & stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.6
Maximum engine speed	7,500 RPM
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	80D23L	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
 S
 S

O

Gear ratio	1 st	2 nd	3 rd	M/T	A/T
4 th 5 th 6 th			Reverse		
				3.794	3.842
				2.324	2.353
				1.624	1.529
				1.271	1.000
				1.000	0.839
				0.794	-
				3.446	2.764
Final drive ratio				3.538	3.357
Driveshaft	Carbon Fiber Reinforced Plastic (CFRP)				

Vehicle Dynamic Control (VCD) - S (MT only)

Viscous Limited-Slip Differential (VLSD)	S
Traction Control System (TCS)	S

Brakes	Enthusiast	Touring	Grand Touring
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Front Type Vented disc

12.5 x 1.1 Brembo® vented disc

12.8 x 1.1

Rotor size diameter and thickness (in.)		
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Rear Type Vented disc

12.1 x 0.6 Brembo® vented disc

12.7 x 0.8

Rotor size diameter and thickness (in.)		
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Brake Assist (BA)	S
Brake control	Power-assisted

	(vacuum)
Anti-lock Brake System (ABS) Number of wheels Number of channels Number of sensors	S 4 4 4
Electronic Brake force Distribution (EBD)	S
Parking brake	Hand-operated on 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	Front strut tower bar Stabilizer bar	Independent multi-link aluminum suspension S S
Rear	Stabilizer bar	Independent multi-link aluminum suspension 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	S	S	S
Aluminum Alloy	FR: 18"x8.0" RR: 18"x8.5"		
Tires	Fr: 225/45R18 91W Rr: 245/45R18 96W		
Temporary aluminum spare tire Location	T155/80D17+ 17x 4T Trunk		
Tire Pressure Monitoring System (TPMS)	S		

Lights		
Headlights	bi-xenon	S
Taillights	LED	S

Convertible Top		
Power Operated Soft Top with glass rear	S	

window and defroster	
Lightweight power tonneau cover	
Three-lock, single latch system	

Interior

Seating	Enthusiast	Touring	Grand Touring
Capacity	2-seater		
Type	Bucket		
Sport seat cloth	S	-	-
Perforated Leather-appointed seats	-	S	S
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
Passenger seat	4-way power	S	
Passenger seat fall-down function (to allow access to behind-seat glove compartment)	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
Steering-wheel audio controls with illumination	S		

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

Convenience Features		
Cruise control (ASCD) Power windows – driver and passenger one- touch up/down Power door locks Remote keyless entry system Cupholders – 5 12-volt outlets – 2 Passenger assist grip Sunvisors w/ vanity mirrors and lamps 2 rear upper storage boxes (1 with navi) Lockable glove box behind passenger seat Inside rear view mirror – auto-dimming HomeLink® Universal Transceiver (UGDO) Passenger Storage Net Card Holder	S S S S S S S S S S S S S S	

Safety and Security

Passenger Restraint System	Enthusiast	Touring	Grand Touring
Air bags (SRS) Driver (dual-stage with seat belt sensor) Passenger (dual-stage with seat belt sensor)	S S		
Side-impact seat-mounted side air bags	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 Hood buckling creases and safety stops Zone Body construction with front and rear Crumple zones Body side reinforcements	S S S S S S
Shift interlock system Clutch interlock system	AT MT

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

Dimensions

Exterior (inches)		
Wheelbase		104.3
Overall length		169.8
Overall width		71.5
Overall height		52.5
Track width	Front	60.5 60.6
	Rear	
Coefficient of drag (Cd)		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)	3,580	3,600	3,602
MT	3,598	3,600	
AT			
Weight distribution (%)	53/47		
Front/rear			
GVWR	4,133		

Capacities		
Fuel tank (gallons)		20.0
Engine oil (quarts)	<input type="checkbox"/> 5.3	
Engine coolant w/ reservoir (quarts)	<input type="checkbox"/> 9.0	

Volume (cubic feet)		
Passenger compartment		51.8
Cargo		4.1
Total		55.9

EPA Fuel Economy (<i>Actual mileage may vary</i>)		
City		19 (M/T and A/T)
Highway		26 (M/T), 25 (A/T)
Classification		2-Seater

Options	Enthusiast	Touring	Grand Touring
DVD-based navigation system	-	O	O

S - Standard
O - Option
P - Package

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