

**For Immediate Release**

## **2009 Nissan 350Z Roadster Specifications**

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

### ***Mechanical***

<b>Engine</b>	
Name	VQ35HR
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6 CVTCS
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-port electronic fuel injection
Valvetrain	4 valves per cylinder, CVTCS
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 O		
Gear ratio		<u>M/T</u> <u>A/T</u>		
1 <sup>st</sup>		3.794                      3.842		
2 <sup>nd</sup>		2.324                      2.353		
3 <sup>rd</sup>		1.624                      1.529		
4 <sup>th</sup>		1.271                      1.000		
5 <sup>th</sup>		1.000                      0.839		
6 <sup>th</sup>		0.794                      -		
Reverse		3.446                      2.764		
Final drive ratio		3.538                      3.357		
Driveshaft		Carbon Fiber Reinforced Plastic (CFRP)		
Vehicle Dynamic Control (VDC)		-                              S		
Viscous Limited-Slip Differential (VLSD)		S		
Traction Control System (TCS)		S		

Brakes		Enthusiast	Touring	GT
Front	Type	Vented disc		Brembo® vented disc
	Rotor size diameter and thickness (in.)	12.6 x 1.1		12.8 x 1.2
Rear	Type	Vented disc		Brembo® vented disc
	Rotor size diameter and thickness (in.)	12.1 x 0.6		12.7 x 0.9
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 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	3-spoke leather-wrapped with ASCD, audio switches, air bag, manual tilt

<b>Suspension</b>	
Front	Independent multi-link aluminum suspension
Front strut tower bar	S
Stabilizer bar	S
Rear	Independent multi-link aluminum suspension
Stabilizer bar	S

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

### **Exterior**

<b>Wheels &amp; Tires</b>	
Wheels	F: 18x8 inches, R: 18x8.5 inches
	Aluminum-alloy, painted finish
Tires	F: 225/45R18, R: 245/45R18
	Bridgestone Potenza RE050A
	Speed rating
Spare tire	Aluminum wheel with T155/80D17 tire, located in trunk
Tire Pressure Monitoring System (TPMS)	S

<b>Lights</b>	
Headlights	High Intensity Discharge (HID)
Taillights	LED

<b>Convertible Top</b>	
Power Operated Soft Top with glass rear window and defroster	S
Lightweight power tonneau cover	
Three-lock, single latch system	

## Interior

Seating	Enthusiast	Touring	Grand Touring
Capacity	2 passengers		
Type	Bucket		
Sport seat cloth	S		-
Perforated leather-appointed seats	-		S
Heated seats	-		S
Driver seat 8-way (4 power, 4 manual)		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/Navi	Enthusiast	Touring	Grand Touring
Head unit and speakers			
2-DIN AM/FM/CD with 6 speakers	S		-
240W Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + subwoofer	-		S
MP3 CD capability		S	
Radio Data System (RDS)	-		S
DVD navigation system	-		O
Steering-wheel audio controls with illumination		S	

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	
Tire Pressure Monitoring System		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 5 AT
TCS off		S	

<b>Convenience Features</b>	
Cruise control (ASCD)	S
Power windows – driver and passenger one-touch up/down	S
Power door locks	S
Remote Keyless Entry system	S
Cupholders – 5	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**

<b>Passenger Restraint System</b>	
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors	S
Front seat-mounted side impact supplemental 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

<b>Impact Safety</b>	
Zone Body Construction with front and rear crushable zones Energy-absorbing steering column Slide away brake pedal Breakaway carbon composite driveshaft Hood buckling creases and safety stops Body side reinforcements Shift interlock system AT Clutch interlock system MT	S

<b>Security</b>	
Steering wheel locks when key is removed	S
Vehicle security system	S
Nissan Vehicle Immobilizer System	S

## Dimensions

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

Interior (inches)	
Head room	39.2
Leg room	42.6
Hip room	53.2
Shoulder room	53.6

Weights		Enthusiast	Touring	Grand Touring
Curb (pounds)	MT	3,575	3,595	3,596
	AT	3,596	3,615	3,616
Weight distribution (%) Front/rear		53/47		
GVWR		4,133		

Capacities	
Fuel tank (gallons)	20.0
Engine oil (quarts)	5.3
Engine coolant w/ reservoir (quarts)	9.0

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

EPA Fuel Economy (Actual mileage may vary)		
City	MT/AT	17/17
Highway	MT/AT	24/23
Classification		2-Seater

Options	Enthusiast	Touring	Grand Touring
DVD-based Navigation System	-	0	
Grey Convertible Top	-	0	-

**S** – Standard  
**O** – Option  
**P** – Package