

**For Immediate Release**

## **2008 Nissan 350Z Coupe Specifications**

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

### ***Mechanical***

<b>Engine</b>	<b>Base/Enthusiast/Touring/Grand Touring</b>	<b>NISMO</b>
Name	VQ35HR	
Cam design	DOHC	
Orientation	Longitudinal	
Cylinders / configuration	V6	
Block / head composition	Aluminum/ aluminum	
Displacement	3.5L	
Horsepower	306 @ 6,800 RPM	
Torque (lb-ft)	268 @ 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; CVTCS	
Engine mounts	2 liquid filled; 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)	NISMO brand/tuned

### **Electrical**

Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.4KW reduction
Alternator	110 Amp.
Battery	80D23L 12 Volt

<b>Transmission and Drive System</b>		
Drive configuration	Mid-mounted front-engine / rear-wheel drive	
Transmission type	S	
6-speed manual	O (Enth, Touring, GT)	
5-speed auto w/ manual mode		
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
Drive shaft	Carbon Fiber Reinforced Plastic (CFRP)	
Viscous Limited-Slip Differential (VLSD)	S (all models except Base)	
Vehicle Dynamic Control (VDC)	S (GT, Touring 6MT models only)	
Traction Control System (TCS)	S (all models except Base)	

<b>Brakes</b>		<b>Base</b>	<b>Enth</b>	<b>Tour</b>	<b>GT</b>	<b>NISMO</b>
Front	Type	Vented disc			Brembo <sup>®</sup> , vented disc	
Rotor size diameter and thickness (in.)		12.6 x 1.1			12.8 x 1.2	
Rear	Type	Vented disc			Brembo <sup>®</sup> , 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				

<b>Steering</b>	
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 w/ air bag, manual tilt
Steering wheel controls - ASCD, audio	S (all models except Base)
Steering wheel controls -Bluetooth <sup>®</sup>	S (Touring, GT)

<b>Suspension</b>	
Front Front strut tower bar Stabilizer bar NISMO tuning	Independent multi-link aluminum suspension S S S, NISMO
Rear Integrated strut brace Stabilizer bar NISMO tuning	Independent multi-link aluminum suspension S S S, NISMO model

<b>Body / Chassis</b>	
Type	Unibody
Materials (primary)	Corrosion-resistant and high-strength steel
Hood	Aluminum
Rear hatch	Steel
Chassis weld reinforcements and body dampers	S, NISMO model

### **Exterior**

<b>Wheels &amp; Tires</b>	<b>Base</b>	<b>Enth</b>	<b>Tour</b>	<b>GT</b>	<b>NISMO</b>
<b>Wheels</b>					
Aluminum-alloy, painted finish F: 18x8 inches R: 18x8.5 inches		S			-
RAYS forged alloy, gunmetal gray F: 18x9 inches R: 19x10 inches		-			S
RAYS forged alloy F 18x9 inches R: 19x10 inches		-		S	-
<b>Tires</b>					
Bridgestone Potenza RE050A F: 225/45R18, R: 245/45R18 F: 245/40R18, R: 265/35R19		S			-
Spare tire	Steel wheel with T155/80D17 tire, located in trunk				
Tire Pressure Monitoring System (TPMS)	S				

<b>Lights</b>	<b>Base</b>	<b>Enth</b>	<b>Tour</b>	<b>GT</b>	<b>NISMO</b>
Headlights Bi-xenon HID			S		
Taillights LED			S		

<b>NISMO Body kit</b>	<b>Base</b>	<b>Enth</b>	<b>Tour</b>	<b>GT</b>	<b>NISMO</b>
Two-tone front and rear bumpers			-		S
Front chin spoiler			-		S
Rear diffuser			-		S
Body-color rear spoiler			-		S

## Interior

Seating		Base	Enth	Tour	GT	NISMO
Capacity		2 passengers				
Seat Materials	Sport Cloth Seats	S		-		
	Perforated Leather - appointed	-		S		-
	Two-tone cloth (unique bolster design)			-		S
Seat Type	Bucket	S				
	Height-adjustable head restraints	S				
	Heated	-		S		-
Driver Seat	8-way (manual)	S		-		S
	8-way (4 power, 4 manual)	-		S		-
Passenger Seat	4-way (manual)	S		-		S
	4-way (2 power, 2 manual)	-		S		-

Audio/Navi		Base	Enth	Tour	GT	NISMO
Head unit and speakers						
160W AM/FM/CD w/ 6 speakers		S		-		S
240W Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + subwoofer, Mp3 capability, Radio Data System (RDS), Bose® AudioPilot™ noise compensation, XM satellite radio		-		S		-
DVD navigation system		-		O		-
Steering-wheel audio controls with illumination		S (all except Base)				

Instrumentation		Base	Enth	Tour	GT	NISMO
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				
		S				
Indicators	Clock	S				
	Tire Pressure Monitoring System	S				
	M/T shift up timing indicator (light)	When equipped with 6MT				
	A/T indicator	When equipped with 5AT				
	Cruise Control	N/A with Base model				
	TCS off	Enth, Tour 5AT				
	VDC off	Touring 6MT and G. Touring				
Unique Combi Meter w/ white face and NISMO illuminated logo		-				S

<b>Convenience Features</b>	
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 – 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 sub-trunk behind passenger seat	S
Storage Net	S
Inside rear view mirror – auto-dimming	S (manual on Base)
HomeLink® Universal Transceiver (UGDO)	S (except Base)
Card holder	S

### **Safety and Security**

<b>Passenger Restraint Systems</b>	<b>Base</b>	<b>Enth</b>	<b>Tour</b>	<b>GT</b>	<b>NISMO</b>
Advanced Air Bag System (AABS)	Driver and front passenger air bags with dual-stage inflation, seat belt sensors and occupant classification sensor				
Driver and front passenger side-impact and roof-mounted curtain side-impact airbags		O			S
Active Head Restraints			S		
Outboard seat belts, front	3-point (ALR/ELR for passenger, ELR for driver)				
Seatbelts with pre-tensioners and load limiters			S		
Tether anchorage			S		
Power window lockout button			S		

<b>Impact Safety</b>	
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	

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

## Dimensions

Exterior (inches)		Base	Enth	Tour	GT	NISMO
Wheelbase				104.3		
Overall length			169.8			173.6
Overall width				71.5		
Overall height				52.1		
Coefficient of drag (Cd) (front)				0.30 (0.29 GT, NISMO 0.31)		
Track width	Front (18-inch wheels)			60.5		
	Rear (18-inch/19-inch wheels)			60.6/60.9		

Interior (inches)		Base	Enth	Tour	GT	NISMO
Head room				38.2		
Leg room				42.6		
Hip room				53.2		
Shoulder room				53.6		

Weights		Base	Enth	Tour	GT	NISMO
Curb (pounds)	MT	3,320	3,327	3,376	3,381	3,353
	AT	-	3,364	3,396	3,398	-
Weight distribution (%)	Front/Rear			53/47		
GVWR				3,919		

Capacities		Base	Enth	Tour	GT	NISMO
Fuel tank (gallons)				20.0		
Engine oil (quarts)				5.3		
Engine coolant w/ reservoir (quarts)				9.0		

Volume (cubic feet)		Base	Enth	Tour	GT	NISMO
Passenger compartment				50.5		
Cargo				6.8		
Total				57.3		

EPA Fuel Economy		Base	Enth	Tour	GT	NISMO
<i>(Actual mileage may vary)</i>						
City	MT/AT			18/17		
Highway	MT/AT			25/24		
Classification				Two-Seater		

Options		Base	Enth	Tour	GT	NISMO
DVD-Based Navigation System				Available on Touring and Grand Touring models		
Driver & Passenger Side-impact Supplemental Air Bags				O (standard on NISMO model)		

- S** – Standard
- O** – Optional
- P** – Package