

For Release April 7, 2009

2009 Nissan NISMO 370Z Specifications

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

Mechanical

Engine	
Name	VQ37VHR
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum / Aluminum
Displacement (liters)	3.7
Horsepower	350 @ 7,400 RPM
Torque (lb-ft)	276 @ 5,200 RPM
Bore & stroke (mm)	95.5 x 86.0
Compression ratio	11:1
Maximum engine speed	7,500 rpm
Induction system	Sequential multi-port electronic fuel injection
Valvetrain	4 valves per cylinder; Continuously Variable Valve Event and Lift Control System (VVEL)
Engine mounts	Side: 2 solid; rear: 1 liquid-filled; front: 1 electronically controlled liquid-filled
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system w/ 3-way catalyst
Emissions certification level	50 state: LEV2-ULEV (Cal), Tier2 (B5)(Fed)
Exhaust	NISMO-tuned dual exhaust with H-pipe configuration and polished tips
Engine cover	Red

Electrical

Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.6kW reduction
Alternator	150 Amp.
Battery	62Ah@20h capacity

Transmission and Drive System	
Drive configuration	Mid-mounted front-engine / rear-wheel drive
Transmission type	6-speed manual
	S
Gear ratio	M/T
1 st	3.794
2 nd	2.324
3 rd	1.624
4 th	1.271
5 th	1.000
6 th	0.794
Reverse	3.446
Final drive ratio	3.692
Drive shaft	Carbon Fiber Composite
SynchroRev Match (SRM)	S
Viscous Limited-Slip Differential (VLSD)	S

Brakes	
<i>Front</i>	S
Vented disc	
Rotor size diameter and thickness - (in.) 14.0 x 1.3	
<i>Rear</i>	S
Vented disc	
Rotor size diameter and thickness - (in.) 13.8 x 0.8	
Caliper type / material	S Fixed 4-piston front, 2-piston rear / aluminum
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

Steering	
Type	Power rack-and-pinion
Vehicle speed variable assist	S
Fixed ratio	13.5:1
Turns (lock-to-lock)	2.7
Turning diameter (ft.) (curb-to-curb)	34.1
Steering wheel	3-spoke, smooth leather-wrapped w/manual tilt
Steering wheel controls	Cruise control, audio

Suspension	
Front	Double wishbone aluminum suspension
Subframe construction	High vacuum diecast aluminum alloy
Stabilizer bar	NISMO-tuned
Shock absorbers	NISMO-tuned (silver)
Springs	NISMO-tuned (red)
Strut tower brace	NISMO
Rear	Independent multi-link aluminum suspension
Subframe construction	Steel
Stabilizer bar	NISMO-tuned
Shock absorbers	NISMO-tuned (silver)
Springs	NISMO-tuned (red)

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant high-strength steel
Hood, doors, rear hatch	Aluminum
Vibration dampers (2)	S (front and rear)

Exterior

Body	
Aerodynamic body design	
Body-color front bumper w/integrated front chin spoiler	S
Rear diffuser	S
Unique body-color NISMO rear spoiler	S
Unique NISMO side sills	S

Wheels & Tires	
Wheels	
RAYS super lightweight forged alloy, NISMO-branded F: 19x9.5 inches R: 19x10.5 inches	S
Tires	
Yokohama ADVAN Sport	S
F: P245/40R19, R: P285/35R19, Y-rated	S
Spare wheel/tire Aluminum-alloy, T145/70D18	S

Lights		
Headlights	Bi-functional xenon HID	S
Height adjustment (manual)		S
Taillights	LED	S

Interior

Seating		
Capacity		2 passengers
Seat Materials	2-tone cloth seats	S
	NISMO logo, red stitching	S
Seat Type	Sport bucket	S
	Height-adjustable head restraints	S
Driver Seat	8-way (manual)	S
Passenger Seat	4-way (manual)	S

Audio		
Head unit and speakers		
2-DIN AM/FM/CD w/ 4 speakers		S
Steering-wheel audio controls with illumination		S
Auxiliary audio input jack		S

Instrumentation		
Meters/Gauges		S
Speedometer		
Tachometer – NISMO		
Coolant temperature		
Fuel level		
LCD dual trip odometer		
LCD drive computer		
3-pod gauges (digital clock, engine oil temperature, voltmeter)		S
Indicators		
Clock		S
Low Tire Pressure		S
M/T shift up timing indicator (light)		S
Cruise Control		S
VDC off		S

Convenience Features		
Cruise control (ASCD)		S
Power windows – driver and passenger one-touch up/down		S
Power door locks with auto locking feature		S
Nissan Intelligent Key™		S
Cupholders – 4		S
12-volt outlets – 2		S
Passenger assist grip		S
Sunvisors w/ vanity mirrors and lamps		S
Lockable glove compartment		S
Storage box behind passenger seat		S
Aluminum-trimmed pedals		S

Safety and Security

Safety and Security Systems	
Nissan 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	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
Upper tether anchor	S
Power window lockout button	S
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS)	S

Impact Safety	
Zone Body Construction with front and rear crumple zones Energy-absorbing steering column Slide away brake pedal Break away rear engine mount Hood buckling creases and safety stops	S

Dimensions

Exterior (inches)		
Wheelbase		100.4
Overall length		174.3
Overall width		72.6
Overall height		51.8
Coefficient of drag (Cd)		0.30
Coefficient of lift (front)		0.0
Coefficient of lift (rear)		0.0
Track width	Front	61.2
	Rear	62.2

Interior (inches)	
Head room	38.2
Leg room	42.9
Hip room	54.6
Shoulder room	54.4

Weights		
Curb (pounds)	Front	1,758
	Rear	1,542
	Total	3,300
Weight distribution (%) Front/Rear		53/47
GVWR		3,968

Capacities	
Fuel tank (gallons)	19.0
Engine oil (quarts)	5.2
Engine coolant w/ reservoir (quarts)	9.1 MT/9.0 AT

Volume (cubic feet)	
Passenger compartment	51.6
Cargo	6.9
Total	58.5

EPA Fuel Economy <i>(Actual mileage may vary)</i>		
City	MT	18
Highway	MT	26
Classification		Passenger Car