

For Immediate Release

2009 Nissan 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	332 @ 7,000 RPM
Torque (lb-ft)	270 @ 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
Exhaust	Single muffler with dual exhaust outlets (w/ finishers)

Electrical	
Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.6KW reduction
Alternator	150 Amp.
Battery	TBD

Transmission and Drive System		
Drive configuration	Mid-mounted front-engine / rear-wheel drive	
Transmission type	6-speed manual	S
	7-speed auto w/ manual mode and paddle shifters	O
Gear ratio	<u>M/T</u>	<u>A/T</u>
1 st	3.794	4.924
2 nd	2.324	3.194
3 rd	1.624	2.043
4 th	1.271	1.412
5 th	1.000	1.000
6 th	0.794	0.862
7 th	-	0.771
Reverse	3.446	3.972
Final drive ratio	3.692	3.357
Drive shaft	Carbon Fiber Composite	
Downshift Rev Matching (DRM)	S (7A/T)	
SynchroRev Match (SRM)	O (6M/T)	
Viscous Limited-Slip Differential (VLSD)	O	

Brakes		
<i>Front</i> Vented disc Rotor size diameter and thickness - (in.) 12.6 x 1.10	S	
<i>Rear</i> Vented disc Rotor size diameter and thickness - (in.) 12.13 x 0.63	S	
<i>Front</i> Vented disc Rotor size diameter and thickness - (in.) 14.0 x 1.26	O	
<i>Rear</i> Vented disc Rotor size diameter and thickness - (in.) 13.8 x 0.79	O	
Caliper type / material	S Floating / cast iron	
	O Fixed 4-piston front, 2-piston rear / aluminum	
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	

Steering	
Type	Power rack-and-pinion
Vehicle speed variable assist	S
Fixed ratio	14.7:1
Turns (lock-to-lock)	2.6 (18-inch wheels)/2.7 (19-inch wheels)
Turning diameter (ft.) (curb-to-curb)	32.8 (18-inch wheels)/34.1 (19-inch wheels)
Steering wheel	3-spoke leather-wrapped w/ air bag, manual tilt
Steering wheel controls	Cruise control; audio
Steering wheel controls -Bluetooth®	S (Touring)

Suspension	
Front	Double wishbone aluminum suspension
Subframe construction	High vacuum diecast aluminum alloy
Stabilizer bar	S
Shock absorbers	S
Rear	Independent multi-link aluminum suspension
Subframe construction	Steel
Shock absorbers	S
Stabilizer bar	S

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant high-strength steel
Hood, doors, rear hatch	Aluminum

Exterior

Wheels & Tires	
Wheels	
Aluminum-alloy F: 18x8 inches R: 18x9 inches	S
RAYS light weight forged alloy F: 19x9 inches R: 19x10 inches	O
Tires	
Yokohama ADVAN Sport F: P225/50R18, R: P245/45R18	S
Bridgestone Potenza RE050A F: P245/40R19, R: P275/35R19	O
Spare wheel/tire Steel, T145/80D17	S
Aluminum-alloy, T145/70D18	O

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

Interior

Seating		370Z	370Z Touring
Capacity		2 passengers	
Seat Materials	Cloth Seats	S	-
	Leather and synthetic suede	-	S
Seat Type	Sport bucket	S	
	Height-adjustable head restraints	S	
	Heated	-	S
Driver Seat	8-way (manual)	S	-
	8-way (4 power, 4 manual)	-	S
Passenger Seat	4-way (manual)	S	-
	4-way power	-	S

Audio/Navi		370Z	370Z Touring
Head unit and speakers			
2-DIN AM/FM/CD w/ 4 speakers		S	-
240W Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + 2 subwoofers, MP3 capability, Radio Data System (RDS), Bose® AudioPilot™ noise compensation, XM® Satellite Radio		-	S
DVD navigation system with XM NavTraffic® with Real-Time Traffic Information and 9.3GB Music Box Hard Drive, Interface System for iPod®		-	O
Steering-wheel audio controls with illumination		S	
Auxiliary audio input jack		S	
Auxiliary audio/video input jacks		-	O
Bluetooth® Hands-free Phone System		-	S
Voice Recognition (VR)		-	O

Instrumentation		
Meters/Gauges		S
Speedometer		
Tachometer		
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)		When equipped with 6MT
A/T indicator		When equipped with 7AT
Cruise Control		S
VDC off		S
Full-color LCD 7-inch monitor		O (Touring)

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
Inside rear view mirror – auto-dimming	S (Touring)
HomeLink® Universal Transceiver (UGDO)	S (Touring)
Aluminum-trimmed pedals	S (Touring)
Rear cargo cover	S (Touring)

Safety and Security

Passenger Restraint 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	S
Energy-absorbing steering column	
Slide away brake pedal	
Break away rear engine mount	
Hood buckling creases and safety stops	
Body side reinforcements	
Shift interlock system AT	
Clutch interlock system MT	

Dimensions

Exterior (inches)		
Wheelbase		100.4
Overall length		167.2
Overall width		72.8
Overall height		51.9
Coefficient of drag (Cd) (front)		0.30, 0.29 w/Sport Pkg.
Coefficient of lift (front)		0.0 (with optional front chin spoiler)
Coefficient of lift (rear)		0.0 (with optional rear spoiler)
Track width	Front (18-inch wheels)	61.0
	Rear (18-inch wheels)	62.8

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

Weights		370Z		37 0Z To uri ng
Curb (pounds)	MT AT	3,232 3,269	3,278 3,314	
Weight distribution (%) Front/Rear		54/46		
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 (Actual mileage may vary)		
City	MT/AT	18
Highway	MT/AT	26
Classification		Passenger Car

Options	
Hard Drive-Based Nissan Navigation System: Touch screen navigation system with XM NavTraffic® with Real-Time Traffic Information, 9.3GB Music Box Hard Drive and Interface System for iPod®	Available on 370Z Touring model
Sport Package: Viscous LSD, 19-inch RAYS forged wheels with 19-inch tires, Nissan Sport Brakes, front chin spoiler, rear spoiler, SynchroRev Match (MT only)	Available on 370Z and 370Z Touring

S – Standard

O – Optional

P - Package

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