

2012 Nissan 370Z Coupe 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)
Oil cooler	S
Engine mounts	Front: 2 electronically controlled liquid-filled; Rear: 1 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	Single muffler with Y-type dual exhaust outlets (w/ finishers)

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
	7-speed auto w/ manual mode and paddle shifters	O
Gear ratio	<u>M/T</u>	<u>A/T</u>
1 st	3.794	4.923
2 nd	2.324	3.193
3 rd	1.624	2.042
4 th	1.271	1.411
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	370Z	370Z Touring
<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.) 12.6 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 control	Power-assisted (vacuum)	
Anti-lock Braking System (ABS) Number of wheels/channels/sensors	S 4/4/4	
Brake Assist (BA)	S	
Electronic Brake force Distribution (EBD)	S	

Steering	
Type	Power rack-and-pinion
Vehicle speed variable assist	S
Fixed ratio	13.5:1 (13.7:1 - opt)
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 High vacuum diecast aluminum alloy
Subframe construction	S
Stabilizer bar	Twin tube
Shock absorbers	
Rear	Independent multi-link aluminum suspension
Subframe construction	Steel
Stabilizer bar	S
Shock absorbers	Twin tube

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

Exterior

Wheels & Tires	370 Z	370 Touring
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
	Automatic on/off	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-way power, 4-way manual)	-	S
	Adjustable lumbar support	-	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 (XM® subscription required, sold separately)		-	S
Hard Drive navigation system with XM NavTraffic® with Real-Time Traffic Information, XM NavWeather™ (XM® subscription required, sold separately), Bluetooth® Streaming Audio, Zagat Survey® information, and automatic phonebook download (select phones), USB connectivity and iPod® connection, DVD video playback		-	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 Speedometer Tachometer Coolant temperature Fuel level LCD dual trip odometer LCD drive computer	S
3-pod gauges (digital clock, engine oil temperature, voltmeter)	S
Indicators Clock Low Tire Pressure M/T shift up timing indicator (light) A/T indicator Cruise Control VDC off	S S When equipped with 6MT When equipped with 7AT S S
Full-color LCD 7-inch monitor	O (Touring)

Convenience Features	370Z	370Z Touring
Cruise control (ASCD)		S
Power windows –one-touch up/down		S
Power door locks with auto locking feature		S
Nissan Intelligent Key®		S
Cupholders – 3		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
Heated outside mirrors		S
In-cabin microfilter		S
Hatch release		S
Auto-dimming inside rearview mirror	-	S
HomeLink® Universal Transceiver (UGDO)	-	S
Aluminum trimmed pedals	-	S
Rear cargo cover	-	S
RearView Monitor w/ optional Navigation	-	O

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 air bags	S
Active Head Restraints	S
Outboard seat belts, front	3-point (ALR/ELR for pass., ELR for driver)
Seatbelts with pre-tensioners and load limiters	S
Upper tether anchor	S

Safety Features	
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 Body side reinforcements Aluminum side-door guard beams Shift interlock (AT)/clutch interlock (MT) Power window lockout button Vehicle Dynamic Control (VDC) Traction Control System (TCS) Tire Pressure Monitoring System (TPMS)	S

Security	
Nissan Vehicle Immobilizer System Vehicle Security System (VSS)	S

Dimensions

Exterior (inches)	
Wheelbase	100.4
Overall length	167.2
Overall width	72.6
Overall height	51.8
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/19-inch wheels) 61.0/60.6 Rear (18-inch/19-inch wheels) 62.8/61.6

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

Weights		370Z		370Z Touring	
Curb (pounds)	Front	MT 1,744	AT TBD	MT 1,764	AT TBD
	Rear	1,501	TBD	1,527	TBD
	Total	3,245	3,283	3,291	3,329
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 <i>(Actual mileage may vary)</i>		
City	MT/AT	18/19
Highway	MT/AT	26/26
Classification	Passenger Car	

Options	370Z	370Z Touring
Nissan Navigation System: Hard drive-based navigation system with 7.0-inch VGA touch-sensitive display, XM NavTraffic [®] with Real-Time Traffic Information, XM NavWeather [™] (XM [®] subscription required, sold separately), Bluetooth [®] Streaming Audio, USB connectivity, iPod [®] connection; RearView Monitor	-	0
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)	0	0

S – Standard

0 – Optional