

For Immediate Release

2012 Nissan 370Z Roadster 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	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	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		370Z	370Z Touring
Drive configuration		Mid-mounted front-engine / rear-wheel drive	
Transmission type	6-speed manual	-	S
	7-speed auto w/ manual mode and paddle shifters	S	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>		S	
Vented disc			
Rotor size diameter and thickness - (in.) 12.6 x 1.10			
<i>Rear</i>		S	
Vented disc			
Rotor size diameter and thickness - (in.) 12.6 x 0.63			
<i>Front</i>		-	O
Vented disc			
Rotor size diameter and thickness - (in.) 14.0 x 1.3			
<i>Rear</i>		-	O
Vented disc			
Rotor size diameter and thickness - (in.) 13.8 x 0.8			
Caliper type / material		S Floating / cast iron	
		O (Touring only) 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		S	

(EBD)	
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Steering

Type	Power rack-and-pinion
Vehicle speed variable assist	S
Fixed ratio	13.5:1(18-inch), 13:7:1(19-inch)
Turns (lock-to-lock)	2.7 (18-inch wheels)/2.6 (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	Twin tube
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, trunk lid	Aluminum

Exterior

Convertible Top

Cloth power-folding roof with fabric inner liner	S
Single action operation with automatic roof lock	S
Glass rear window w/electric rear window defroster	S
Wind deflector (fixed glass)	S
Top operation via Nissan Intelligent Key® (pushing button on door handle) or center console-mounted switch	S

Lights

Headlights	Bi-functional xenon HID	S
Height adjustment (manual)		S
Automatic on/off		S
Taillights	LED	S

Wheels & Tires	370Z	370Z Touring
Wheels		
Aluminum-alloy F: 18x8 inches R: 18x9 inches	S	
RAYS light weight forged alloy F: 19x9 inches R: 19x10 inches	-	O
Tires		
Bridgestone Potenza RE050A F: P225/50R18, R: P245/45R18	S	
Bridgestone Potenza RE050A F: P245/40R19, R: P275/35R19	-	O
Spare wheel/tire Steel, T145/80D17 Aluminum-alloy, T145/70D18	S O	

Interior

Seating	370Z	370Z Touring
Capacity	2 passengers	
Seat Materials Black woven "carbon" cloth seats	S	-
Heated and cooling ventilated leather-appointed	-	S
Seat Type Sport bucket	S	
Height-adjustable head restraints	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	-
Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + 2 subwoofers, MP3 capability, Radio Data System (RDS), XM® Satellite Radio (XM® subscription required, sold separately)	-	S
HDD navigation system with XM NavTraffic® with Real-Time Traffic Information, XM NavWeather® (XM® subscription required, sold separately), Bluetooth® Streaming Audio and USB connectivity	-	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

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 – 3	S
12-volt outlets – 2	S
Passenger assist grip	S
Sunvisors w/ vanity mirrors	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)

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 door-mounted curtain side-impact supplemental air bags	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
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 Aluminum side-door guard beams	S

Dimensions

Exterior (inches)	
Wheelbase	100.4
Overall length	167.2
Overall width	72.8
Overall height	52.2
Coefficient of drag (Cd) (front)	0.33, 0.34 w/Sport Pkg.
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	38.7
Leg room	42.9
Hip room	54.6
Shoulder room	54.4

Weights		370Z	370Z Touring
Curb (pounds)	MT	-	3,479
	AT	3,459	3,501
Weight distribution (%) Front/Rear (static w/o passengers)		54/46	
GVWR		4,112	

Capacities	
Fuel tank (gallons)	19.0
Engine oil (quarts)	4.9
Engine coolant w/ reservoir (quarts)	8.6 MT/8.5 AT

Volume (cubic feet)	
Passenger compartment	52.3
Cargo	4.2
Total	56.5

EPA Fuel Economy <i>(Actual mileage may vary)</i>		
City	MT/AT	18
Highway	MT/AT	25
Classification	Passenger Car	

Options	370Z	370Z Touring
Nissan Navigation System: Hard drive-based touch screen navigation system with XM NavTraffic® with Real-Time Traffic Information (XM® subscription required, sold separately), Bluetooth® Streaming Audio, DVD playback, RearView Monitor and USB connectivity	-	0
Sport Package: Viscous LSD, 19-inch RAYS forged wheels with 19-inch tires, Nissan Sport Brakes, SynchroRev Match® (MT only)	-	0
Spare Tire	0	0

S - Standard

0 - Optional