

## 2012 Nissan 370Z Roadster Specifications

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

### **Mechanical**

<b>Engine</b>	
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)

<b>Electrical</b>	
Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.6KW reduction
Alternator	150 Amp.
Battery	62Ah@20h capacity

<b>Transmission and Drive System</b>		<b>370Z</b>	<b>370Z Touring</b>
Drive configuration		Mid-mounted front-engine / rear-wheel drive	
Transmission type		-	S
6-speed manual			
7-speed auto w/ manual mode and paddle shifters		S	O
Gear ratio		<u>M/T</u>	<u>A/T</u>
1 <sup>st</sup>		3.794	4.923
2 <sup>nd</sup>		2.324	3.193
3 <sup>rd</sup>		1.624	2.042
4 <sup>th</sup>		1.271	1.411
5 <sup>th</sup>		1.000	1.000
6 <sup>th</sup>		0.794	0.862
7 <sup>th</sup>		-	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 <sup>®</sup> (SRM)		-	O (6M/T)
Viscous Limited-Slip Differential (VLSD)		-	O

<b>Brakes</b>		<b>370Z</b>	<b>370 Touring</b>
<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 (EBD)		S	

<b>Steering</b>	
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)

<b>Suspension</b>	
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

<b>Body / Chassis</b>	
Type	Unibody
Materials (primary)	Corrosion-resistant high-strength steel
Hood, doors, trunk lid	Aluminum

## **Exterior**

<b>Convertible Top</b>	
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

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

<b>Wheels &amp; Tires</b>	<b>370Z</b>	<b>370Z Touring</b>
<b>Wheels</b>		
Aluminum-alloy F: 18x8 inches R: 18x9 inches	S	
RAYS light weight forged alloy F: 19x9 inches R: 19x10 inches	-	O
<b>Tires</b>		
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**

<b>Seating</b>	<b>370Z</b>	<b>370Z Touring</b>
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

<b>Audio/Nav</b>	<b>370Z</b>	<b>370Z Touring</b>
<b>Head unit and speakers</b>		
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

<b>Instrumentation</b>	
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

<b>Convenience Features</b>	
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***

<b>Safety and Security Systems</b>	
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

<b>Impact Safety</b>	
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***

<b>Exterior (inches)</b>	
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

<b>Interior (inches)</b>	
Head room	38.7
Leg room	42.9
Hip room	54.6
Shoulder room	54.4

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

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

<b>Volume (cubic feet)</b>	
Passenger compartment	52.3
Cargo	4.2
Total	56.5

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

<b>Options</b>	<b>370Z</b>	<b>370Z Touring</b>
<b>Nissan Navigation System:</b> 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
<b>Sport Package:</b> Viscous LSD, 19-inch RAYS forged wheels with 19-inch tires, Nissan Sport Brakes, SynchroRev Match® (MT only)	-	0
<b>Spare Tire</b>	0	0

**S** – Standard

**0** – Optional