

For Immediate Release

2009 Nissan 350Z Roadster Specifications

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

Mechanical

| Engine | |
|--------------------------------------|---|
| Name | VQ35HR |
| Cam design | DOHC |
| Orientation | Longitudinal |
| Cylinders / configuration | V6 CVTCS |
| Block / head composition | Aluminum/Aluminum |
| Displacement (liters) | 3.5L |
| Horsepower | 306 @ 6,800 RPM |
| Torque lb-ft | 268 lb-ft @ 4,800 RPM |
| Bore & stroke (mm) | 95.5 x 81.4 |
| Compression ratio (:1) | 10.6 |
| Maximum engine speed | 7,500 RPM |
| Induction system | Sequential multi-port electronic fuel injection |
| Valvetrain | 4 valves per cylinder, CVTCS |
| Engine cover | Standard |
| Engine mounts (3 mounts per vehicle) | 2 liquid filled; 1 rubber |
| Recommended fuel | Premium unleaded |
| Emissions system | Closed loop feedback system w/ 3-way catalyst |
| Emission certification level | LEV2 |
| Exhaust | Dual (single each side) |

Electrical

| | |
|-----------------|--|
| Ignition system | Electronic, Nissan Direct Ignition System (NDIS) |
| Starter | 1.4KW Reduction |
| Alternator | 110 Amp. |
| Battery | 80D23L 12 Volt |

| Transmission and Drive System | | Enthusiast | Touring | Grand Touring |
|--|--|---|---------|---------------|
| Drive configuration | | Mid-mounted front engine / rear-wheel drive | | |
| Transmission | | 6-speed manual 5-speed auto w/ manual mode | | |
| | | S O | | |
| Gear ratio | | <u>M/T</u> <u>A/T</u> | | |
| 1 st | | 3.794 3.842 | | |
| 2 nd | | 2.324 2.353 | | |
| 3 rd | | 1.624 1.529 | | |
| 4 th | | 1.271 1.000 | | |
| 5 th | | 1.000 0.839 | | |
| 6 th | | 0.794 - | | |
| Reverse | | 3.446 2.764 | | |
| Final drive ratio | | 3.538 3.357 | | |
| Driveshaft | | Carbon Fiber Reinforced Plastic (CFRP) | | |
| Vehicle Dynamic Control (VDC) | | - S | | |
| Viscous Limited-Slip Differential (VLSD) | | S | | |
| Traction Control System (TCS) | | S | | |

| Brakes | | Enthusiast | Touring | GT |
|---|---|--|---------|------------------------|
| Front | Type | Vented disc | | Brembo® vented disc |
| | Rotor size diameter and thickness (in.) | 12.6 x 1.1 | | 12.8 x 1.2 |
| Rear | Type | Vented disc | | Brembo® vented disc |
| | Rotor size diameter and thickness (in.) | 12.1 x 0.6 | | 12.7 x 0.9 |
| 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 | | |
| Parking brake | | Hand-operated on left side of center console | | |

| Steering | |
|------------------------|---|
| Type | Vehicle speed-sensitive power rack-and-pinion |
| Overall ratio | 15.9 |
| Turns (lock to lock) | 2.6 |
| Turning diameter (ft.) | 35.4 |
| Steering wheel | 3-spoke leather-wrapped with ASCD, audio switches, air bag, manual tilt |

| Suspension | |
|-----------------------|--|
| Front | Independent multi-link aluminum suspension |
| Front strut tower bar | S |
| Stabilizer bar | S |
| Rear | Independent multi-link aluminum suspension |
| Stabilizer bar | S |

| Body / Chassis | |
|-----------------------|---|
| Type | Unibody |
| Materials (primary) | Corrosion-resistant and high-strength steel |
| Hood | Aluminum |
| Rear hatch (trunk) | Plastic |

Exterior

| Wheels & Tires | |
|--|---|
| Wheels | F: 18x8 inches, R: 18x8.5 inches |
| | Aluminum-alloy, painted finish |
| Tires | F: 225/45R18, R: 245/45R18 |
| | Bridgestone Potenza RE050A |
| | Speed rating |
| Spare tire | Aluminum wheel with T155/80D17 tire, located in trunk |
| Tire Pressure Monitoring System (TPMS) | S |

| Lights | |
|---------------|--------------------------------|
| Headlights | High Intensity Discharge (HID) |
| Taillights | LED |

| Convertible Top | |
|--|---|
| Power Operated Soft Top with glass rear window and defroster | S |
| Lightweight power tonneau cover | |
| Three-lock, single latch system | |

Interior

| Seating | Enthusiast | Touring | Grand Touring |
|--|--------------|---------|---------------|
| Capacity | 2 passengers | | |
| Type | Bucket | | |
| Sport seat cloth | S | | - |
| Perforated leather-appointed seats | - | | S |
| Heated seats | - | | S |
| Driver seat 8-way (4 power, 4 manual) | | S | |
| Passenger seat 4-way power | | S | |
| Passenger seat fall-down function (to allow access to behind-seat glove compartment) | | S | |
| Seat back pocket (passenger seat) | | S | |

| Audio/Navi | Enthusiast | Touring | Grand Touring |
|--|------------|---------|---------------|
| Head unit and speakers | | | |
| 2-DIN AM/FM/CD with 6 speakers | S | | - |
| 240W Bose® audio with 6CD in-dash/AM/FM/CD, 6 speakers + subwoofer | - | | S |
| MP3 CD capability | | S | |
| Radio Data System (RDS) | - | | S |
| DVD navigation system | - | | O |
| Steering-wheel audio controls with illumination | | S | |

| Instrumentation | Enthusiast | Touring | Grand Touring |
|---------------------------------------|------------|---------|-------------------------|
| Meters/gauges | | | |
| Speedometer | | S | |
| Tachometer | | S | |
| Coolant temperature | | S | |
| Fuel level | | S | |
| LCD dual trip odometer | | S | |
| 3-bay gauges | | | |
| Trip computer | | S | |
| Oil pressure gauge | | S | |
| Voltmeter | | S | |
| Indicators | | | |
| Clock | | S | |
| Tire Pressure Monitoring System | | S | |
| M/T shift up timing indicator (light) | | | When equipped with 6 MT |
| A/T indicator | | | When equipped with 5 AT |
| Cruise control | | S | |
| Overdrive off | | | When equipped with 5 AT |
| TCS off | | S | |

| Convenience Features | |
|--|---|
| Cruise control (ASCD) | S |
| Power windows – driver and passenger one-touch up/down | S |
| Power door locks | S |
| Remote Keyless Entry system | S |
| Cupholders – 5 | S |
| 12-volt outlets – 2 | S |
| Passenger assist grip | S |
| Sunvisors w/ vanity mirrors and lamps | S |
| 2 rear upper storage boxes (1 with navi) | S |
| Lockable glove box behind passenger seat | S |
| Inside rear view mirror – auto-dimming | S |
| HomeLink® Universal Transceiver (UGDO) | S |
| Passenger Storage Net | S |
| Card holder | S |

Safety and Security

| Passenger Restraint System | |
|--|---|
| Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors | S |
| Front seat-mounted side impact supplemental air bags | S |
| Outboard seat belts, front | 3-point (ALR/ELR for passenger, ELR for driver) |
| Seatbelts with pretensioners and load limiters | S |
| Power window lockout button | S |

| Impact Safety | |
|--|---|
| Zone Body Construction with front and rear crushable zones Energy-absorbing steering column Slide away brake pedal Breakaway carbon composite driveshaft Hood buckling creases and safety stops Body side reinforcements Shift interlock system AT Clutch interlock system MT | S |

| Security | |
|--|---|
| Steering wheel locks when key is removed | S |
| Vehicle security system | S |
| Nissan Vehicle Immobilizer System | S |

Dimensions

| Exterior (inches) | | |
|--------------------------|-------|-------|
| Wheelbase | | 104.3 |
| Overall length | | 169.8 |
| Overall width | | 71.5 |
| Overall height | | 52.5 |
| Track width | Front | 60.5 |
| | Rear | 60.6 |
| Coefficient of drag (Cd) | | 0.34 |

| Interior (inches) | |
|-------------------|------|
| Head room | 39.2 |
| Leg room | 42.6 |
| Hip room | 53.2 |
| Shoulder room | 53.6 |

| Weights | | Enthusiast | Touring | Grand Touring |
|------------------------------------|----|------------|---------|---------------|
| Curb (pounds) | MT | 3,575 | 3,595 | 3,596 |
| | AT | 3,596 | 3,615 | 3,616 |
| Weight distribution (%) Front/rear | | 53/47 | | |
| GVWR | | 4,133 | | |

| Capacities | |
|--------------------------------------|------|
| Fuel tank (gallons) | 20.0 |
| Engine oil (quarts) | 5.3 |
| Engine coolant w/ reservoir (quarts) | 9.0 |

| Volume (cubic feet) | |
|-----------------------|------|
| Passenger compartment | 51.8 |
| Cargo | 4.1 |
| Total | 55.9 |

| EPA Fuel Economy (Actual mileage may vary) | | |
|---|-------|----------|
| City | MT/AT | 17/17 |
| Highway | MT/AT | 24/23 |
| Classification | | 2-Seater |

| Options | Enthusiast | Touring | Grand Touring |
|-----------------------------|------------|---------|---------------|
| DVD-based Navigation System | - | 0 | |
| Grey Convertible Top | - | 0 | - |

S – Standard
O – Option
P – Package