

For Immediate Release

2007 Nissan 350Z Coupe 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 w/ CVTCS & Molybdenum coated pistons |
| 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 & 81.4 |
| Compression ratio (:1) | 10.6 |
| Maximum engine speed | 7,500 rpm |
| Induction system | Sequential multi-point electronic fuel injection |
| Valvetrain | 4 valves per cylinder |
| Engine mounts | 2 liquid; 1 rubber |
| Recommended fuel | Premium unleaded |
| Emissions system | Closed loop feedback system w/ 3-way catalyst |
| Emissions certification level | LEV2 |
| Exhaust | Dual (single each side), unique exhaust for NISMO model |

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

| Transmission and Drive System | | |
|--|---|---|
| Drive configuration | Mid-mounted front-engine / rear-wheel drive | |
| Transmission type | 6-speed manual | Std. (Base, Enth, Touring 6MT, G. Touring, NISMO) |
| | 5-speed auto w/ manual mode | Std. (Touring 5AT), Opt. (Enth, G. Touring) |
| 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 |
| Drive shaft | Carbon Fiber Reinforced Plastic (CFRP) | |
| Viscous Limited-Slip Differential (VLSD) | Std. on all models but Base | |
| Vehicle Dynamic Control (VDC) | Std. on G. Touring and Touring 6MT models | |
| Traction Control System (TCS) | Std. on all models but Base | |

| Brakes | Base | Enth | Tour | Grand Tour | NISMO |
|---|--|------------------------|-------------|---|--------------|
| Front | Vented disc | Single caliper pistons | | Brembo [®] , 4 caliper pistons | |
| | Rotor size diameter and thickness (in.) | 12.6 x 1.1 | | 12.8 x 1.2 | |
| Rear | Vented disc | Single caliper pistons | | Brembo [®] , 2 caliper pistons | |
| | 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 Braking 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 design w/ 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 |
| Integrated strut brace | S |
| Stabilizer bar | S |
| Sport tuning | S on NISMO |

| Body / Chassis | |
|-----------------------------|---|
| Type | Unibody |
| Materials (primary) | Corrosion-resistant and high-strength steel |
| Hood | Aluminum |
| Rear hatch | Steel |
| Chassis weld reinforcements | S on NISMO |
| Body Dampers | Front & rear S on NISMO |

Exterior

| Wheels & Tires | Base | Enth | Tour | G. Tour | NISMO |
|---|-------------|-------------|-------------|----------------|--------------|
| Wheels | | | | | |
| Aluminum-alloy Fr: 18"x8" Rr: 18"x8.5" | | S | | | - |
| RAYS Forged Alloy (5-spoke) Fr 18"x 9" Rr: 19"x10" | | - | | S | - |
| RAYS Forged Alloy (Gunmetal Grey) Fr 18"x 9" Rr: 19"x10" | | | - | | S |
| Tires | | | | | |
| Bridgestone Potenza RE050A | | S | | | S |
| Fr: 225/45R18 91W Rr: 245/45R18 96W | | S | | | - |
| Fr: 245/40R18 93W Rr: 265/35R19 94W | | - | | | S |
| Spare tire | | | | | |
| Temporary (steel) 17x4T | | | S | | |
| T155/80D17 | | | S | | |
| Location | | | Trunk | | |
| Tire Pressure Monitoring System (TPMS) | | | S | | |

| Lights | Base | Enth | Tour | G. Tour | NISMO |
|---------------|--------------|-------------|-------------|----------------|--------------|
| Headlights | Bi-xenon HID | | S | | |
| Taillights | LED | | S | | |

Interior

| Seating | Base | Enth | Tour | G. Tour | NISMO |
|---|----------|------|------|---------|-------|
| Capacity | 2-Seater | | | | |
| Seat Materials | S | - | - | - | - |
| Sport cloth | - | - | S | - | - |
| Perforated Leather-appointed | - | - | - | - | S |
| Two-tone sport cloth | - | - | - | - | S |
| Seat Type | Bucket | | | | |
| Passenger side seat back pocket | S | | | | |
| Heated | - | - | S | - | - |
| Driver Seat | S | - | - | - | S |
| 8-way (Manual) | - | - | S | - | - |
| 8-way (Power/Manual) | - | - | S | - | - |
| Passenger Seat | S | - | - | - | S |
| 4-way (Manual) | - | - | S | - | - |
| 4-way (Power/Manual) | - | - | S | - | - |
| Fall-down function (to allow access to behind-seat glove compartment) | S | - | S | - | S |

| Audio | Base | Enth | Tour | G. Tour | NISMO |
|--|------|------|------|---------|-------|
| Head unit and speakers | | | | | |
| 160W AM/FM/CD w/ 6 speakers | S | - | - | - | S |
| Illuminated Steering wheel audio controls | - | - | S | | |
| DVD Navigation System | - | - | O | - | - |
| 240W Bose® 6CD 6 speakers + subwoofer, In-dash/AM/FM, satellite radio capability, Radio Data System (RDS), mp3 CD capability | - | - | S | - | - |

| Instrumentation | Base | Enth | Tour | G. Tour | NISMO |
|---------------------------------------|-------------------------|------|------|---------|-------|
| Meters/Gauges | S | | | | |
| Speedometer | | | | | |
| Tachometer | | | | | |
| Coolant temperature | | | | | |
| Fuel level | | | | | |
| LCD dual trip odometer | | | | | |
| NISMO combination meters | - | | | | S |
| 3-bay gauges | S | | | | |
| Trip computer | | | | | |
| Tire pressure monitor | | | | | |
| Oil pressure gauge | | | | | |
| Voltmeter | | | | | |
| Indicators | S | | | | |
| Clock | | | | | |
| M/T shift up timing indicator (light) | When equipped with 6MT | | | | |
| A/T indicator | When equipped with 5AT | | | | |
| Cruise Control | N/A with Base model | | | | |
| TCS off | Enth, Tour 5AT | | | | |
| VDC off | Touring 6MT, G. Touring | | | | |

Dimensions

| Exterior (inches) | | Base | Enth | Tour | G. Tour | NISMO |
|----------------------------------|-------|------|------|-------|---------|-------|
| Wheelbase | | | | 104.3 | | |
| Overall length | | | | 169.8 | | |
| Overall width | | | | 71.5 | | |
| Overall height | | | | 52.1 | | |
| Track width | Front | | | 60.5 | | |
| | Rear | | | 60.6 | 60.9 | |
| Coefficient of drag (Cd) (front) | | | | 0.30 | 0.29 | TBD |

| Interior (inches) | | | |
|-------------------|------------|----------------|--|
| Head room | | 38.2 | |
| Leg room | | 42.6 | |
| Hip room | | 53.2 | |
| Shoulder room | | 53.6 | |
| Cargo volume | SAE rating | 6.8 cubic feet | |

| Weights | | Base | Enth | Tour | G. Tour | NISMO |
|------------------------------------|----|-------|-------|-------|---------|-------|
| Curb (pounds) | MT | 3,339 | 3,346 | 3,400 | 3,404 | 3,352 |
| | AT | - | 3,344 | 3,380 | 3,391 | - |
| Weight distribution (%) Front/Rear | | | | 53/47 | | |
| GVWR | | | | 3,919 | | |

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

| Volume (cubic feet) | | | |
|-----------------------|--|------|--|
| Passenger compartment | | 50.5 | |
| Cargo | | 6.8 | |
| Total | | 57.3 | |

| EPA Fuel Economy (Actual mileage may vary) | | |
|---|-------|------------|
| City | MT/AT | 20/19 |
| Highway | MT/AT | 27/26 |
| Classification | | Two Seater |

| Options | | | |
|---|--|--|--|
| DVD-Based Navigation System | | Available on Touring, Grand Touring | |
| Driver & passenger side-impact supplemental airbags and curtain airbags | | Available on all models; standard on NISMO | |
| Satellite radio (XM [®] or Sirius [™] providers) | | Available on Touring, Grand Touring | |

- S** - Standard
- O** - Optional
- P** - Package