

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	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)

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 5-speed auto w/ manual mode	Std. (Base, Enth, Touring 6MT, G. Touring) 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
Front	Vented disc	Single caliper pistons		Brembo [®] , 4 caliper pistons	
	Rotor size diameter and thickness (in.)	12.6 x 1.1		12.7 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

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

Exterior

Wheels & Tires	Base	Enth	Tour 5AT	Tour 6MT	G. Tour
Wheels					
Aluminum-alloy FR: 18"x8" RR: 18"x8.5"			S		-
RAYS Forged Alloy (5-spoke) 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 T155/80D17 Location			S S Trunk		
Tire Pressure Monitoring System (TPMS)			S		

Lights	Base	Enth	Tour 5AT	Tour 6MT	G. Tour
Headlights Bi-xenon HID			S		
Taillights LED			S		

Interior

Seating	Base	Enth	Tour 5AT	Tour 6MT	G. Tour
Capacity	2-Seater				
Seat Materials Sport Cloth Seats Perforated Leather-appointed seats	S -			- S	
Seat Type Bucket Passenger side seat back pocket Heated			S S		S
Driver Seat 8-way (Manual) 8-way (Power/Manual)	S -			- S	
Passenger Seat 4-way (Manual) 4-way (Power/Manual) Fall-down function (to allow access to behind-seat glove compartment)	S - S			- S S	

Audio	Base	Enth	Tour 5AT	Tour 6MT	G. Tour
Head unit and speakers					
160W AM/FM/CD w/ 6 speakers		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	
Meters/Gauges Speedometer Tachometer Coolant temperature Fuel level LCD dual trip odometer	S
3-bay gauges Trip computer Tire pressure monitor Oil pressure gauge Voltmeter	S
Indicators Clock M/T shift up timing indicator (light) A/T indicator Cruise Control TCS off VDC off	S When equipped with 6MT When equipped with 5AT N/A with Base model Enth, Tour 5AT Touring 6MT and G. Touring

Convenience Features	
Cruise control (ASCD)	S (except Base)
Power windows – driver and passenger one-touch up/down	S
Power door locks	S
Remote keyless entry system	S
Cupholders – 5 total	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 sub-trunk behind passenger seat	S
Storage Net	S
Inside rear view mirror – auto-dimming	S (N/A on Base model)
HomeLink® Universal Transceiver (UGDO)	S (N/A on Base model)

Safety and Security

Passenger Restraint Systems		
Advanced Air Bag System (AABS) Driver and Passenger (dual-stage with seat belt sensors) SRS driver and passenger side & curtain air bags		S
		O
Outboard seat belts, front	3-point	(ALR/ELR for passenger, ELR for driver)
Seatbelts with pretensioners & load limiters		S
Tether anchorage (child safety)		S
Power window lockout button		S

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

Security	
Steering wheel locks when key is removed Vehicle Security System Nissan Vehicle Immobilizer System	S

Dimensions

Exterior (inches)	
Wheelbase	104.3
Overall length	169.8
Overall width	71.5
Overall height	52.1
Coefficient of drag (Cd) (front)	0.30 (0.29 G. Tour model)

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 5AT	Tour 6MT	G. Tour
Curb (pounds)	MT AT	3,339 -	3,346 3,344	- 3,380	3,400 -	3,404 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 <i>(Actual mileage may vary)</i>		
City	MT/AT	20/219
Highway	MT/AT	27/26
Classification		Two Seater

Options	
DVD-Based Navigation System	Available on Touring 5A/T, Touring 6M/T, Grand Touring models
Driver & passenger side-impact supplemental airbags and curtain airbags	Available on all models
Satellite radio (XM [®] or Sirius [™] providers)	Available on Touring and Grand Touring models

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