

For Immediate Release

2004 Nissan Sentra, Sentra SE-R Specifications

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

Mechanical

Engine		1.8 / 1.8 S	2.5 S/ SE-R / SE-R Spec V
Name		QG18DE	QR25DE
Cam design		DOHC	
Orientation		Transverse	
Cylinders / configuration		I4	
Block / head composition		Cast iron / high-pressure cast aluminum	Cast aluminum / high-pressure cast aluminum
Displacement (liters)		1.8L	2.5L
Horsepower		126 @ 6,000 RPM	165 (175 Spec V) @ 6,000 RPM
Torque (lbs/ft)		129 @ 2,400 RPM	175 (180 Spec V) @ 4,000 RPM
Bore & stroke (mm)		80.0 x 88.0	89.0 x 100.0
Compression ratio (:1)		9.5	
Maximum engine speed		6,400 RPM	6,200 RPM
Induction system		Sequential multi-point electronic fuel injection	
Valvetrain		4 valves per cylinder	
Engine mounts (4 mounts per vehicle)		1 liquid filled	
Recommended fuel		Regular unleaded	Premium unleaded (SE-R Spec-V only)
Emissions system		Closed loop lambda control, w/o EGR	
Emission certification level		ULEV (SULEV if sold with California emissions specifications)	LEV (ULEV if sold with California emissions specifications – SE-R only)
Exhaust	Tailpipe	Single	Dual

Electrical

Starter	1.2 kW	1.4 kW
Alternator	80 Amp.	100 Amp.
Battery	12V-GR21	12V-GR24

Transmission and Drive System		1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Drive configuration		Front-engine / front-wheel drive				
Transmission type	6-speed manual	-	-	-	-	S
	5-speed manual	S	S	-	-	-
	4-speed auto w/ overdrive	O	O	S	-	-
Gear ratio		<u>M/T</u>	<u>A/T</u>	<u>A/T</u>	<u>6M/T</u>	
1 st		3.333	2.861	2.785	3.153	
2 nd		1.955	1.562	1.545	1.944	
3 rd		1.286	1.000	1.000	1.392	
4 th		0.927	0.698	0.694	1.055	
5 th		0.756	-	-	0.809	
6 th		-	-	-	0.673	
Reverse		3.214	2.230	2.272	3.002	
Final drive ratio (:1)		4.176	3.827	4.087	4.133	
Helical limited-slip differential (LSD)		-				S

Brakes			1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Front	Type		Vented disc				
	Rotor size diameter and thickness (in.)						
	10.12" x 0.87"		S	S	-	-	-
	11.02" x 0.87"		-	-	S	S	S
	Brembo 12.01" x 0.87"		-	-	-	-	O
Rear	Type		S	S	-	-	-
	Self-adjusting drum		-	-	S	S	S
	Solid disc						
	Rotor size diameter and thickness (in.)		-	-	S	S	S
	9.13" x 0.28"		-	-	-	-	O
10.94" x 0.35"							
Brake control		Power-assisted					
Anti-lock Braking System (ABS)		-	O	S	O	O	
Number of wheels		-	4				
Number of channels		-	4				
Number of sensors		-	4				
Parking brake		Hand-operated in center console					

Steering		1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Type		Power rack-and-pinion				
Power assisted		S				
Engine speed sensitive		S				
Tilt steering wheel		Manual				
Overall ratio (:1)		17.48			15.8	
Turns (lock-to-lock)		3.01			2.4	
Turning diameter (ft.)		34.7			38.4	

Suspension	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Front	Independent strut w/ coil springs				
Stabilizer bar	-	S			
Rear	Multi-link Beam™ suspension				
Stabilizer bar	S				

Body / Chassis					
Type	Unibody				
Materials (primary)	Corrosion resistant and high-strength steel				

Exterior

Wheels & Tires	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Wheels					
15" steel with cover, 6.0JJ x 15	S	S	-	-	-
15" aluminum-alloy, 6.0JJ x 15	-	-	S	-	-
16" aluminum-alloy, 6.0JJ x 16	-	-	-	S	-
17" aluminum-alloy, 7.0JJ x 17	-	-	-	-	S
Tires					
P195/60HR15 H-rated all-season tires	S	S	S	-	-
P195/55HR16 H-rated all-season tires	-	-	-	S	-
P215/45 ZR17 Z-rated summer tires	-	-	-	-	S
Temporary spare tire in trunk	S				

Lights	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Headlights	Multi-parabola halogen				
Fog lights	-	-	-	S	S
Center high mount stop light	S	S	S	-	-
Rear parcel shelf					
Spoiler					

Additional Exterior Features	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Outside mirrors	S	-	-	-	-
Black dual, manual remote					
Body-color dual, power	-	S	S	S	S
Body-color bumpers and side moldings	S				
Black windshield moldings	S				
2-speed windshield wipers	S	-	-	-	-
Fixed					
Variable intermittent	-	S	S	S	S
Sunroof	-	O	O	O	O
Sport grille	-	-	-	S	S
Spoiler	-	O	O	S	S
Splash guards	Black front and rear				
	O	O	O	-	-

Interior

Seating	1.8	1.8 S	2.5 S	SE-R	SE-R
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Spec V						
Capacity		5 passenger				
Material		Knit cloth				
Front seats	Bucket Sport	S -			- S	
Driver seat	8-way manual 4-way manual	- S	S -			
Passenger seat	4-way manual	S				
Head restraint		Height-adjustable				
Rear seats	Fixed back 60/40 split fold-down Partial fold-down	S - -	- S -	- S -	- S O	S - O
Head restraint		High-back seat type				

Audio	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Head unit and speakers					
AM/FM/CD w/ 4 speakers (100 Watts peak)	O	S	-	-	-
AM/FM/CD w/ 7 speakers (180 Watts peak)	-	O	S	S	S
AM/FM/CD w/ 9 speakers (300 Watts peak)	-	-	-	O	O
Antenna	Type	Fixed			
Satellite radio pre-wiring (late availability)	S				

Instrumentation					
Meters/gauges					
Speedometer	S				
Coolant temperature	S				
Fuel level	S				
Trip Odometer - dual	S				
Trip computer	-		S		

Comfort & Convenience Features	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Automatic Speed Control Device (ASCD)	-	O	S	S	S
Power windows					
Driver-side one-touch auto down	-	S			
Power door locks	-	S			
Remote keyless entry system w/fob trunk opener	-	S			
Remote releases – trunk and fuel filler door	S				
Top-of-dash storage area with lid	-	S			
Center console with lid	S				
Cup holders	Front – dual	S	S		
	Rear	-	S		
12-volt outlets	Front	S	S		
	Center console	-	S		
Assist grips	Front	One			
	Rear	Two			
Comfort & Convenience Features (cont.)	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V

Non-lockable bucket glove box	S	
Battery saver	-	S
Front door pockets	S	
Sun visor		
Driver w/ vanity mirror	-	S
w/ illuminated vanity mirror	-	O
Passenger w/ vanity mirror	S	S
w/ illuminated vanity mirror	-	O
Trunk/ cargo area carpeting	S	
Air conditioning/ heater with manual temp control	O	S
Front window defogger	S	
Rear window defogger with indicator light & timer	S	
Inside rearview mirror Type	Day/night with manual adjust	
Map lights	-	S
Trunk room lamp	S	
Overhead sunglass storage	-	S
Illuminated switches	Driver's auto-down power window switch	

Safety and Security

Passenger Restraint Systems		1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Air bags (supplemental) Driver Passenger Front-seat side						
		S				
		S				
		-	O	S	O	O
Outboard seat belts	Front	3-point ELR (plus ALR for passenger) 3-point ALR/ELR				
	Rear					
Inboard seat belts	Rear	3-point ALR/ELR				
Seatbelt with pretensioners and load limiters; manual height-adjustable shoulder belt anchors		Front				
Power window lockout button		-	S	S	S	S
LATCH system		S				
Child seat upper tether anchor		3 positions (rear parcel shelf) 2 outboard rear seat positions				
Child seat lower rigid bar anchor						
Child safety rear door locks		S				
Emergency inside trunk release		S				

Passive Safety

Energy-absorbing steering column	S
Front crumple zones	S
Hood buckling creases and safety stops	S
Rear crumple zones	S
Body side reinforcements	S
Shift interlock system	S

Security

1.8 1.8 S 2.5 S SE-R SE-R

Spec V					
Steering wheel locks when key is removed	S				
Vehicle Security System	-	-	S	0	0
Immobilizer	-	-	S	0	0

Dimensions

Exterior (inches)		
Wheelbase		99.8
Overall length		177.5
Overall width		67.3
Overall height		55.5
Tread width		
Front	15/16 inch	58.1
	17 inch	57.7
Rear	15/16 inch	57.3
	17 inch	56.9
Minimum ground clearance	15 inch	4.3
	16 inch	4.5
	17 inch	4.5
Coefficient of drag (Cd)		0.335

Interior (inches)	Front	Back
Head room (w/o sunroof)	39.9	37.0
Leg room	41.6	33.7
Hip room	52.1	52.3
Shoulder room	52.5	52.6

Weights		1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Curb (pounds)						
Front	M/T	1,532.9	1,581.2	-	-	1,686.8
	A/T	1,608.1	1,623.5	1,731.9	1,724.5	-
Rear	M/T	980.4	999.8	-	-	1,023.4
	A/T	979.7	1,001.3	1,031.5	1,036.8	-
Total	M/T	2,513.3	2,580.9	-	-	2,710.1
	A/T	2,587.8	2,624.8	2,763.4	2,761.3	-
Weight distribution (%)						
Front/Rear	M/T	61/39	61/39	-	-	62/38
	A/T	62/38	62/38	63/37	62/38	-
GVWR (pounds)	M/T	3,368	3,443	-	-	3,609
	A/T	3,412	3,487	3,610	3,660	-

Capacities	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Fuel tank (gallons)	13.2				
Engine oil (quarts)	3.1		4.1		
Engine coolant (quarts) (M/T / A/T)	7.125/7.0		7.25/7.125		

Volume (cubic feet)	
Passenger compartment	88.5

Cargo	11.6
Total	100.1

EPA Fuel Economy (Actual mileage may vary)		1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
City (M/T / A/T)	1.8L	28 / 28		-	-	-
	2.5L	-		NA/23	-	23/NA
Highway (M/T / A/T)	1.8L	35 / 35		-	-	-
	2.5L	-		NA/28	-	29/NA
Classification		Compact				

Options	1.8	1.8 S	2.5 S	SE-R	SE-R Spec V
Convenience Package: AM/FM/CD with 4 speakers (100 watts) and air conditioning	O	-			
Road Trip Package: cruise control, leather steering wheel, M/T Shift knob, AM/FM/CD with 7 speakers (180 watts)	-	O	-		
Audio Fanatic Package: Rockford Fosgate®-powered amplifier (300 watts) with 9 speakers, partial fold-down rear seat, Vehicle Security System and Immobilizer	-			O	
Power Sunroof: sunroof and dual illuminated visor vanity mirrors	-	O			
Spec V Brake Package: Nissan-Gold painted Brembo 4-piston front calipers, 12" Brembo vented front discs and 10.9" rear discs	-				O
Side air bag and anti-lock braking system	-	O	S	O	
Side air bags	-	O	-		