

For Immediate Release

2004 Nissan Maxima Specifications

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

Mechanical

Engine	
Name	VQ35
Cam design	DOHC
Orientation	Transverse
Cylinders / configuration	60° V6
Block / head composition	Aluminum / aluminum
Displacement (liters)	3.5L
Displacement (cubic inches)	214.0
Horsepower	265 @ 5,800 rpm
Torque (lb/ft)	255 @ 4,400 rpm
Bore & stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.3
Spark plugs	Double-tipped platinum
Maximum engine speed	6,600 rpm
Induction system	Sequential multi-point electronic fuel injection
Valvetrain	4 valves per cylinder; with CVTCS
Engine mounts (4 mounts per vehicle)	A/T M/T
	2 electronically controlled, 1 liquid filled, 1 rubber 2 liquid filled, 2 rubber
Recommended fuel	Premium unleaded
Emissions system	Closed loop alpha control, ECCS
Emission certification level	50 states (LEV)
Exhaust	Type Configuration
	High capacity muffler Dual mufflers with dual tailpipes

Electrical

Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.4 kW
Alternator	110 Amp.
Battery	12V-55Ah (5HR)

Transmission and Drive System		3.5 SE	3.5 SL
Drive configuration		Front engine / front-wheel drive	
Transmission type	6-speed manual	O	-
	5-speed automatic with manual shift mode & gated shifter	S	S
Transmission Control	Automatic	Electronic	
Vehicle Dynamic Control (VDC) with Traction Control System (TCS) (A/T only)		O	
Gear ratio		<u>6 M/T</u>	<u>5 A/T</u>
	1 st	3.153	4.657
	2 nd	1.944	3.032
	3 rd	1.392	1.982
	4 th	1.055	1.341
	5 th	0.809	1.018
	6 th	0.630	-
	Reverse	3.002	5.114
Final drive ratio		4.133	2.440
Helical limited-slip differential (LSD) (M/T only)		O	-

Brakes		
Front	Type	Vented disc
	Rotor size diameter and thickness (in.)	12.60 x 1.10
Rear	Type	Solid disc
	Rotor size diameter and thickness (in.)	11.50 x 0.35
Brake Assist (BA)		S
Brake control		Power-assisted (vacuum)
Electronic Brake force Distribution (EBD)		S
Anti-lock Braking System (ABS)		S
	Number of wheels	4
	Number of channels	4
	Number of sensors	4
Parking brake		Hand-operated center console

Steering	
Type	Power rack-and-pinion
Power assisted	Engine-speed-sensitive
Overall ratio (:1)	16.2
Turns (lock-to-lock)	
17-inch tires / 18-inch tires	2.6/2.6
Turning diameter (ft.)	
17-inch tires / 18-inch tires	40.0/40.0

Suspension		3.5 SE	3.5 SL
Front		Independent strut w/ coil springs 22.2 mm diameter	
Stabilizer bar			
Rear		Multi-link independent suspension 26.5 mm diameter	
Stabilizer bar			
Suspension tuning	Performance	S	-
	Luxury	-	S

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

Exterior

Wheels & Tires		3.5 SE	3.5 SL
Wheels			
Aluminum-alloy		S	
Aluminum-alloy (7-spoke) 7JJ x 17		-	S
Aluminum-alloy (6-spoke) 7.5JJ x 18		S	-
Tires			
All-season			
All-season - P225/55R17 H-rated		-	S
All-season - P245/45R18 V-rated		S	-
Spare tire			
Temporary T145/80R(D)17 (alloy)		S	
Full-size 17-inch or 18-inch		O	
Location		Trunk	

Lights		3.5 SE	3.5 SL
Headlights			
Type	Halogen	S	-
Operation		Auto on/off	
Cornering lamps		S	
Fog lights		S	
Center high mount stop light rear parcel shelf		S	

Interior

Seating		3.5 SE	3.5 SL
Capacity		5 passenger	
Materials			
Luxury seat cloth		S	-
Leather appointments		O	S
Front seats			
Bucket			
Heated		O	S
8-way power driver seat		S	
Manual lumbar		S	
Power lumbar		O	
Passenger seat			
4-way manual		S	-
4-way power		O	S

Head restraint / headrest	Active
Memory system	O
Auto entry / exit	O (A/T only)
Seat back pockets Dual	S
Rear seats	
3-passenger 60/40 split fold-down	S
2-passenger	O
Head restraint/headrest	Height adjustable

Audio	3.5 SE	3.5 SL
Head unit and speakers		
AM/FM/cassette/CD w/ 8 speakers	S	-
320-watt Bose® audio system with AM/FM/cassette/CD6 w/ 8 speakers	O	S
Speed sensitive volume control	O	S
Radio Data System (RDS)	O	S
Satellite radio pre-wiring		S
Compass In mirror	O	S
Navigation system DVD-based with 7-inch color display		O
Audio antenna In glass		S

Instrumentation		
Meters/Gauges		
Speedometer Analog		S
Tachometer Analog		S
Coolant temperature Analog		S
Fuel level Analog		S
Trip odometer Dual		S
Digital clock Digital		S

Interior Trim	3.5 SE	3.5 SL
Roof trim	Molded tricot	
Wood-tone accents	-	S
Metallic-tone accents	S	-
Door trim Style	Fully molded	
Upper insert suede cloth		S
Door armrests Front and rear with grip		S
Door pockets Front		S
Sun visor with illuminated vanity mirror, extender and sub visor		
Driver		S
Passenger		S
Shift knob Leather-wrapped		S

Convenience Features	
Cruise control	S
Power windows	S
Power door locks	S
Remote keyless entry system	S
Remote release	
Trunk (electric)	S
Fuel filler door (electric)	S
Height adjustable center console lid	S
Cup holders in armrest with lid	S
Front cup holders	S
HomeLink® Universal Transceiver (UGDO)	S
Trip computer 6.3-inch segment display	S
Rear sunshade with dual (front and rear) power control	O
Driver/ passenger window one-touch auto up/down	S
Center console with armrest with dual storage boxes with phone storage	S
Rear armrest with lid and cup holders	S
Rear center console with cup holders, 12V outlet and storage	O
Glove box lockable	S
Inside rear view mirror	Auto-dimming
Sunglass holder box	S

Safety and Security

Passenger Restraint Systems	3.5 SE	3.5 SL
Air bags (SRS)		
Driver (dual-stage with seat belt sensors)	S	
Passenger (dual-stage with seat belt sensors)	S	
Front-seat side-impact	S	
Side-impact curtain front and rear outboard passengers	S	
Active head restraints (front)	S	
Outboard seat belts		
Front	S	
Rear	S	
Adjustable front shoulder belt anchors	S	
Inboard rear seat belts	S	
Child seat upper tether anchor	S	
Power window lockout button	S	
LATCH system	S	
Child safety rear door locks	S	

Passive Safety	
Energy-absorbing steering column	S
Zone Body with front and rear crushable zones, occupant zone	S
Hood buckling creases and safety stops	S
Body side reinforcements	S
Shift interlock system	S

Security	
Tamper proof door lock key cylinder	S
Steering wheel locks when key is removed	S
Vehicle security system	S
Immobilizer	S

Dimensions

Exterior (inches)			
Wheelbase			111.2
Overall length			193.5
Overall width			71.7
Overall height			58.3
Tread width			
Front	17-inch		61.4
	18-inch		61.0
Rear	17-inch		61.6
	18-inch		61.2
Minimum ground clearance	18-inch		5.5
Coefficient of drag (Cd)			
With spoiler (SE only)			0.28
Without spoiler			0.30
Step-in height			
Front			14.9
Rear			15.1
Angle of approach (degrees)			17.1
Angle of departure (degrees)			19.4

Interior (inches)		Front	Back
Head room	without sunroof	40.1	37.3
Leg room		43.9	36.5
Hip room	5-passenger	53.5	54.8
Shoulder room		57.9	56.5
Cargo dimensions	(L x W x H)	43.3 x 63.3 x 20.7	

Capacities	
Fuel tank (gallons)	20.0
Engine oil (quarts)	4.4
Engine coolant (quarts)	8.8
Maximum towing capacity (pounds)	
Trailer	1,000
Tongue	100

Weights		3.5 SE	3.5 SL
Curb (pounds)	Front 6M/T	2,084	-
	Front 5A/T	2,123	2,126
	Rear 6M/T	1,352	-
	Rear 5A/T	1,350	1,366
	Total 6M/T	3,436	-
	Total 5A/T	3,473	3,492
Weight distribution (%)		61/39	
GVWR (pounds)		4,546	

Volume (cubic feet)	
Passenger compartment	103.6
Cargo	15.5
Total	119.1

EPA Fuel Economy <i>(Actual mileage may vary)</i>		3.5 SE	3.5 SL
City	(M/T / A/T)	20 / 20	20 (A/T only)
Highway	(M/T / A/T)	29 / 28	27 (A/T only)
Classification		Mid-size	

Options	
Premium Audio Package: 320 watt Bose® audio w/ AM/FM/cassette/CD6, 8 speakers, RDS, and speed sensitive volume control	SE
Sensory Package: includes Premium Audio Package contents as well as leather-appointed seats, 4-way power passenger seat, heated front seats, heated mirrors and compass in rearview mirror	SE
SE Driver Preferred Package: includes Sensory Package contents as well as rear spoiler, xenon headlights, driver memory system: memory steering wheel, o/s mirror and drivers seat positioning, power tilt/telescopic steering wheel, electric folding o/s mirrors, driver seat power lumbar support, power entry/exit seat and heated steering wheel	SE
SL Driver Preferred Package: includes Sensory Package contents as well as driver memory system: memory steering wheel, o/s mirror and drivers seat positioning, power tilt/telescopic steering wheel, electric folding o/s mirrors, driver seat power lumbar support, power entry/exit seat and heated steering wheel	SL

Elite Package: includes Driver Preferred Package contents as well as 2-passenger rear seating, rear center console, auto up/down rear windows, rear power sunshade w/ front and rear controls, heated rear seats and rear 12V power point	SE & SL
Power Glass Sunroof: replaces SkyView™	SE & SL
Navigation Package	SE & SL
Vehicle Dynamic Control with Traction Control and full-size spare w/ alloy wheel	SE & SL (automatic only)
Traction Control System (TCS)	SE & SL