

For Immediate Release

2008 Nissan Altima Coupe Specifications

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

Mechanical

Engine	2.5 S	3.5 SE
Name	QR25DE	VQ35DE
Cam design	DOHC	
Orientation	Transverse	
Cylinders / configuration	I4	V6
Block / head composition	Aluminum/aluminum	
Displacement (liters)	2.5	3.5
Horsepower/PZEV	175 (FED) @ 5,600 RPM, 170 (CAL) @ 5,600 RPM	270 @ 6,000 RPM
Torque (lb-ft)	180 (FED) @ 3,900 RPM, 175 (CAL) @ 3,900 RPM	258 @ 4,400 RPM
Bore & stroke (mm)	89.0 x 100.0	95.5 x 81.4
Compression ratio (: 1)	9.6	10.3
Maximum engine speed	6,200 RPM	6,600 RPM
Induction system	Sequential multi-point electronic fuel injection	
Valvetrain	4 valves per cylinder; CVTCS	
Engine cover	S	
Engine mounts (4 mounts per vehicle)	2 fluid filled, 2 solid w/ anti-torque rod	2 solid, 2 solid w/ anti- torque rod, 2 electronically-controlled
Recommended fuel	Regular unleaded	Premium unleaded
Emissions system	Oxygen sensor, catalyzer	
Emission certification level	Tier2 Bin5 (FED), LEV2-SULEV (CAL)	Tier2, Bin5 (FED)
Exhaust	Dual exhaust	

Electrical

Ignition system	Electronic (direct ignition)
Starter	1.7 kW (1.4 kW for V6 6MT)
Alternator	110 amp (I4); 130 (V6)
Battery	12V

Transmission and Drive System		2.5 S		3.5 SE	
Drive configuration		Front-engine / front-wheel drive			
Transmission type		6-speed manual		S	
Continuously Variable Transmission (CVT)				O	
Traction Control System (TCS)		-		S	
Vehicle Dynamic Control (VDC)		-		O	
2-wheel limited slip (ABLS)		-		w/ VDC system	
Gear ratio		M/T 4-cyl.	M/T V6	CVT 4-cyl.	CVT V6
1 st		3.500	3.153	2.349	2.371
2 nd		1.950	1.950	↓	↓
3 rd		1.392	1.392		
4 th		1.055	1.055		
5 th		0.809	0.809		
6 th		0.673	0.630	0.394	0.439
Reverse		3.374	3.002	1.784	1.766
Final drive ratio (:1)		3.612	4.133	5.798	5.173

Brakes		2.5 S		3.5 SE	
Standard					
Front	Type	Vented disc			
Rotor size diameter and thickness (in.)		11.7 x 1.02			
Rear	Type	Self-adjusting, solid disc			
Rotor size diameter and thickness (in.)		11.5 x .35			
Brake control		Vacuum power-assisted			
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 brake on center console			

Steering		2.5 S		3.5 SE	
Type		Power rack-and-pinion			
Power assisted		Vehicle-speed variable assist			
Overall ratio (:1)		16.2			
Turns (lock-to-lock)		2.83		2.73	
Turning diameter (ft.)		34.7		36.1	
Steering Wheel		4-spoke Urethane		S	
		4-spoke Leather-wrapped		O	
Cruise control switches		S			
Audio switches		O		S	
Bluetooth switches		O			

Suspension	
Front Stabilizer bar	Independent strut w/ coil springs S
Rear Stabilizer bar	Multi-link independent suspension S

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

Exterior

Wheels & Tires		2.5 S	3.5 SE
Wheels			
Steel with bolt-on cover		S	-
Aluminum-alloy		O	S
7.0JJ x 16		S	-
7.5JJ x 17		-	S
Tires			
Size	P215/60R16	S	-
	P215/55R17	-	S
Temporary spare tire	w/o VDC	T135/70D16	T135/70D16
	w/ VDC	-	T135/90D16
Location		Trunk	

Lights		2.5 S	3.5 SE
Headlights			
Type	Halogen	S	S
	Xenon	-	O
Auto on/off		O	S
Fog lights		O	S
Center high mount stop light		S	

Interior

Seating		2.5 S	3.5 SE
Capacity		5 passenger	
Materials			
Cloth		S	
Leather appointments		O	
Front seats	Type	Bucket	
Heated		O	
Driver seat	6-way manual	S	-
	8-way power	O	S
	Manual lumbar	O	S
Passenger seat	4-way manual	S	
Rear seats	Type	3-across bench	
60/40 split fold-down with lock		S	

Audio		2.5 S	3.5 SE
Head unit and speakers			
AM/FM/CD w/ 6 speakers			S
Bose® with AM/FM/CD6, 9 speakers			O
MP3/WMA Compatibility			O
Speed sensitive audio volume control			O
Radio Data System (RDS)			O
Satellite radio	XM		O

Instrumentation			
Meters/gauges			S
Speedometer – fine vision			
Tachometer – fine vision			
Coolant temperature			
Fuel level w/ fuel door opener direction			

Comfort & Convenience Features		2.5 S	3.5 SE
Power windows			
Driver Auto up/down w/auto reverse			S
Passenger Auto up/down w/auto reverse		O	S
Power door locks			S
Remote keyless entry system			S
Trunk opener			S
Key Fob Operated Window Auto up/down		O	S
Interior releases – trunk (power) and fuel filler door (cable)			S
Covered storage box			S
Center console w/ armrest, phone and CD storage			S
Cup holders		2 front, 2 rear	
Bottle Holders		2 in doors	
Glove box with valet switch and lock			S
HomeLink® Universal Transceiver			O

Safety and Security

Passenger Restraint Systems		2.5 S	3.5 SE
Driver and front passenger air bags (SRS)		S, w/ Advanced Air bag System (AABS), dual-stage inflation, seat belt sensors, occupant classification sensor	
Outboard seat belts	Front Rear	3-point (ALR/ELR for passenger, ELR for driver) 3-point ALR/ELR	
Inboard seat belts, rear		3-point ALR/ELR	
Seatbelt pretensioners and load limiters		Front	
Power window lockout button		S	
LATCH system			
Front seat Active Head Restraints			
Emergency inside trunk release			

Passive Safety	
Energy-absorbing steering column Front and rear crumple zones Hood buckling creases and safety stops Rear crumple zones Knee bolsters High-strength side door guard beams Body side reinforcements Shift interlock system	S

Security	2.5 S	3.5 SE
Locking steering wheel (when I-key not present) Immobilizer Vehicle Security System Tamper resistant door lock key cylinder		S

Exterior (inches)	
Wheelbase	105.3
Overall length	182.5
Overall width	70.7
Overall height	55.3
Track width	
Front	60.9
Rear	60.8
Trunk liftover height	26.2
Coefficient of drag (Cd)	0.32

Dimensions

Interior (inches)	Front	Back
Head room (w/o moonroof, w/moonroof)	39.7, 37.2	35.6, 35.6
Leg room	42.5	34.4
Hip room	54.2	47.6
Shoulder room	53.9	52.4

Weights		2.5 S	3.5 SE
Curb (pounds)			
Front	M/T	1,844	1,998
	CVT	1,892	2,066
Rear	M/T	1,208	1,207
	CVT	1,203	1,205
Total	M/T	3,052	3,205
	CVT	3,095	3,271
Weight distribution (%)	Front/Rear	61/39	63/37
GVWR (pounds)		4,431	4,583

Volume (cubic feet)	
Passenger compartment	89.7
Cargo	7.4
Total	97.2

EPA Fuel Economy <i>(Actual mileage may vary)</i>		2.5 S	3.5 SE
City	M/T	23	19
	CVT	23	19
Highway	M/T	32	27
	CVT	31	26
Classification		Subcompact	

Options	2.5 S	3.5 SE
Convenience Package: 16" alloy wheels; 8-way power driver's seat with manual lumbar adjustment; auto on/off headlights; dual illuminated vanity mirrors w/ extensions; leather-wrapped steering wheel; steering wheel-mounted audio controls; auto up/down passenger window; auto window down function on keyfob; door key cylinder window up/down; trunk side net; wood trim finishers for Blonde interior	0	-
2.5 S Premium Package: Contents of Convenience Package plus Leather-wrapped shifter knob; leather-appointed seats and door trim; heated front seats; Bose® 9-speaker audio system; MP3/WMA compatibility; XM™ satellite radio; Radio Data System (RDS); speed-sensitive volume; dual-zone automatic temperature control; auto-dimming inside rearview mirror; HomeLink® Universal Transceiver; compass; power sliding glass moonroof w/ tilt and sunshade; upper-grade interior finishers (wood for Blonde, metallic for Charcoal); Bluetooth® hands-free phone system; illuminated console lighting	0	-
3.5 SE Premium Package: Leather-wrapped shifter knob; leather-appointed seats and door trim; High Intensity Discharge Xenon headlights; heated front seats; Bose® 9-speaker audio system; MP3/WMA compatibility; XM™ satellite radio; Radio Data System (RDS); speed-sensitive volume; dual-zone automatic temperature control; auto-dimming inside rearview mirror; HomeLink® Universal Transceiver; compass; upper-grade interior finishers (wood for Blonde, metallic for Charcoal); Bluetooth® hands-free phone system; illuminated console lighting	-	0

Options, cont.	2.5 S	3.5 SE
Technology Package: Nissan Navigation System w/ 6.5" color monitor; XM NavTraffic with steering wheel-mounted navigation controls; RearView monitor	O	
Moonroof Package: Power-sliding glass moonroof w/ tilt and sunshade	O	S
Fog Lights	O	S
Vehicle Dynamic Control (VDC): w/ Traction Control System (TCS)	-	O

S – Standard

O – Optional

P - Package