

For Immediate Release

2010 Nissan Altima Coupe Specifications

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

Mechanical

Engine	2.5 S	3.5 SR
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	2 fluid-filled, 2 solid w/ anti-torque rod	2 solid, 2 solid w/ anti- torque rod, 2 electronically-controlled
Recommended fuel	Regular unleaded	
Emissions system	Oxygen sensor, catalyzer	
Emission certification level	Tier2 Bin5 (FED), LEV2-SULEV (CAL)	Tier2, Bin5 (FED), LEV2-ULEV (CAL)
Exhaust outlets	Dual 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

2.5 S

3.5 SR

3.5 SR

	6MT	CVT	6MT	CVT	
Drive configuration	Front-engine / front-wheel drive				
Transmission type	S	-	S	-	
Continuously Variable Transmission (CVT)	-	S	-	S	
2-wheel limited slip (ABLS)	-		S		
Gear ratio	MT 4-cyl.	CVT 4-cyl.	MT V6	CVT V6	
	1 st	3.500	2.349	3.153	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	0.809	
	6 th	0.673	0.394	0.630	0.439
Reverse	3.374	1.750	3.002	1.766	
Final drive ratio (:1)	3.812	5.122	4.133	5.173	

Brakes		
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
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 brake on center console

Steering		2.5 S	3.5 SR
Type		Power rack-and-pinion	
Power-assisted		Vehicle-speed-sensitive 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	S
Manual tilt and telescope		S	
Cruise control switches		S	
Audio switches		O	
Bluetooth switches		O	

Suspension		
Front		Independent strut w/ coil springs
	Stabilizer bar	S (23 mm 2.5 S, 24.2 mm 3.5 SR)
Rear		Multi-link independent suspension
	Stabilizer bar	S (17.3 mm 2.5 S, 18.3 mm 3.5 SR)

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

Exterior

Wheels & Tires		2.5 S	3.5 SR
Wheels			
17 x 7.5JJ painted aluminum-alloy		S	-
18 x 8.0JJ painted aluminum-alloy		-	S
Tires			
Size	P215/55R17	S	-
	P235/45R18	-	S
Brand/Model		Continental ContiProContact	Michelin
Temporary spare tire		T135/90D16	
Location		Trunk	

Lights		2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Headlights					
Type	Halogen Xenon	S -	S O	- S	S O
Auto on/off			O		S
Fog lights		-	O		S
Center high-mounted stop light				S	

Interior

Seating		2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Capacity		5 passenger			
Materials	Cloth	S			
	Perforated leather appointments	-	O	S	O
Front seats	Type	Bucket			
Heated		-	O	S	O
Driver seat	6-way manual 8-way power Manual lumbar	S O O			- S S
Passenger seat	4-way manual	S			
Rear seats	Type	3-across bench			
Fold-down with lock		S			

Audio	2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Head unit and speakers				
AM/FM/CD w/ 6 speakers	S		-	S
Bose® with AM/FM/AUX, 7 speakers	-	0	S	0
MP3/WMA Compatibility	-	0	S	0
Speed-sensitive audio volume control	-	0	S	0
4.3-inch color display	-	0	S	0
USB port with iPod®Connectivity	-	0	S	0
Radio Data System (RDS)	-	0	S	0
9.3GB Music Box hard drive for digital music storage and playback	-	0	-	0
XM® Satellite Radio	-	0	S	0

Instrumentation	
Meters/gauges – Fine Vision illumination Speedometer Tachometer Coolant temperature Fuel level w/ fuel door opener direction	S

Comfort & Convenience Features	2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Power windows Driver auto up/down w/auto reverse Passenger auto up/down w/auto reverse			S	
Power door locks w/auto locking system	0			S
Remote keyless entry system Trunk opener Key fob-operated window auto up/down			S S S	
Interior releases – trunk (power) and fuel filler door (cable)			S	
Covered storage box			S	
Center console w/sliding armrest and CD storage			S	
Cupholders	2 front, 2 rear			
Bottle holders	2 in doors			
Glove compartment with valet switch, lock	S			
Dual Zone Automatic Temperature Control	-	0	S	0
Premium interior finishers	0			
Power sliding glass moonroof	-	0	S	
Bluetooth® Hands-free Phone System	-	0	S	0
Nissan Hard Drive Navigation System w/6.5-inch color monitor	-	0	-	0
RearView Monitor	-	0	S	0
Nissan Intelligent Key™	S			
HomeLink® Universal Transceiver	-	0	S	0

Comfort & Convenience Features (cont.)	2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Bluetooth® Streaming Audio	-	0	-	0
DVD player	-	0	-	0
Heated sideview mirrors	-		S	
Sideview mirrors w/integrated turn signals	-	0	S	
Mood lighting	-	0	S	0
Compass	-	0	S	0
Wood-tone finishers (Blonde interior)	0		S	
Metallic-texture finishers (Charcoal interior)	-	0	S	0

Safety and Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors		S
Front seat-mounted side impact supplemental air bags		S
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection		S
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
LATCH System		S
Front seat Active Head Restraints		

Child Safety		
Child seat upper tether anchors		3
Power window lockout button		S
LATCH System		
Emergency inside trunk release		

Safety Structure		
Energy-absorbing steering column Front and rear crumple zones Hood buckling creases and safety stops Rear crumple zones Knee bolsters Slide-away brake pedal assembly Break-away rear engine mount High-strength side door guard beams Body side reinforcements		S

Active Safety		
Anti-lock Braking System (ABS) Vehicle Dynamic Control (VDC) Traction Control System (TCS) Tire Pressure Monitoring System (TPMS)		S

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

Exterior (inches)	
Wheelbase	105.3
Overall length	180.9
Overall width	70.7
Overall height	55.9
Track width	Front/rear 61.0/61.2
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 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
Curb (pounds)					
Front		1,861	1,910	2,034	2,085
Rear		1,219	1,215	1,260	1,247
Total		3,080	3,125	3,294	3,332
Weight distribution (%)	Front/Rear	61/39		63/37	
GVWR (pounds)		4,295		4,586	

Volume (cubic feet)	
Passenger compartment	89.3
Cargo	8.2
Total	97.5

EPA Fuel Economy <i>(Actual mileage may vary)</i>	2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
City	23	23	18	20
Highway	31	32	27	27
Classification	Subcompact			

Options	2.5 S 6MT	2.5 S CVT	3.5 SR 6MT	3.5 SR CVT
2.5 S Convenience Package: 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; wood grain trim finishers for Blonde interior	O	O	-	-
2.5 S Premium Package: Dual Zone Automatic Temperature Control; power sliding tinted glass moonroof w/ tilt and sunshade and one-touch operation with auto-reverse feature; Bose® AM/FM audio system with 7 speakers; 4.3-inch color display; RearView Monitor; Bluetooth® Hands-free Phone System; USB port with iPod® connectivity; XM® Satellite Radio; MP3/WMA CD-ROM playback compatibility; Radio Data System (RDS); speed-sensitive auto volume; sideview mirrors with integrated turn signal; manual-folding sideview mirrors	-	O	-	-
Leather Package: Leather-appointed seats; heated driver and front-passenger seats; leather-wrapped gearshift knob; High Intensity Discharge (HID) xenon headlights; HomeLink® Universal Transceiver; compass; mood lighting; metallic-texture finishers (Charcoal interior)	-	O	S	O
3.5 SR Premium Package: Dual-Zone Automatic Temperature Control; Bose® AM/FM audio system with 7 speakers; 4.3-inch color display; RearView Monitor; Bluetooth® Hands-free Phone System; USB port with iPod® connectivity; XM® Satellite Radio; MP3/WMA CD-ROM playback compatibility; Radio Data System (RDS); speed-sensitive auto volume	-	-	S	O
Technology Package: Nissan Hard Drive Navigation System w/ 6.5-inch VGA color monitor; 9.3GB Music Box hard drive for digital music and playback; XM NavTraffic® and NavWeather®; DVD player; Bluetooth® Streaming Audio; steering wheel navigation system controls; VTR jack	-	O	-	O

S – Standard

O – Optional