

For Immediate Release

2010 Nissan Armada Specifications

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

Mechanical

Engine	
Name	Endurance 5.6 V8
Type	VK56DE
Cam design	DOHC
Orientation	Longitudinally mounted
Cylinders / configuration	V8
Block / head composition	Aluminum / aluminum
Displacement (liters)	5.6 liters
Horsepower	317 hp @ 5,200 RPM
Torque (lb-ft)	385 lb-ft torque @ 3,400 RPM
Bore & stroke (mm)	98 x 92
Compression ratio	9.8:1
Maximum engine speed	6,000 rpm
Induction system	Naturally aspirated
Valvetrain	32 valve; silent chain, single-stage
Engine mounts	Standard (non fluid-filled)
Recommended fuel	Regular unleaded
Flexible Fuel Capability (up to 85% ethanol, 15% gasoline)	O
Emissions system	Oxygen sensor with catalyzer
Emission certification level	50 state: LEV2-LEV (Cal), Tier2 (B5)(Fed)
Exhaust	Single exit / main & secondary mufflers

Electrical	
Ignition system	Electronic
Starter	12 volt
Alternator	130 Amps
Battery	650 Cold Cranking Amps (CCA)
Trailer towing: 7 pin trailer harness plug 7 pin trailer harness plug with connector	S S (O on SE 4x2)

Transmission and Drive System		
Drive configuration	2WD and 4WD	
Transmission type	5-speed automatic with overdrive	
Gear ratio (:1)	<u>2WD</u>	<u>4WD</u>
1 st	3.827	3.827
2 nd	2.368	2.368
3 rd	1.520	1.520
4 th	1.000	1.000
5 th	0.834	0.834
Reverse	2.613	2.613
Final drive ratio (:1) – SE	2.937	2.937
Final drive ratio (:1) – Titanium/Platinum	3.357	3.357
Transfer Case / Crawl Ratios	<u>4WD</u>	<u>Tow (H/L)</u>
Axle	2.937	3.357
4WD High	1.000	1.000
4WD Low	-	2.596
Crawl ratio: 1 st	11.240	12.85/33.35
Crawl ratio: 2 nd	6.955	7.95/20.64
Crawl ratio: reverse	2.04	2.33/6.05
2- or 4-wheel limited-slip (ABLS)	S	
Vehicle Dynamic Control (VDC)	S	

Brakes	
Front Type	Vented disc
Rotor size diameter and thickness (in.)	13.8 x 1.2
Rear Type	Solid disc
Rotor size diameter and thickness (in.)	12.6 x 0.6
Brake Assist (BA)	S
Electronic Brake force Distribution (EBD)	S
ABS (4-wheel, 4-channel, 4-sensor)	S
G-sensor	4WD
Parking brake	Foot pedal

Steering	
Type	Power rack-and-pinion
Power assisted	Engine-speed-sensitive
Overall ratio (:1)	20
Turns (lock-to-lock)	3.6
Turning diameter (in feet)	40.8
Steering wheel	3-spoke leather wrapped w/ cruise control and audio switches (heated steering wheel standard on Platinum)

Suspension	
Front Stabilizer bar	Double-wishbone 23 mm diameter
Rear Stabilizer bar Automatic self-leveling	Double-wishbone independent 22.2 mm diameter Standard on Titanium and Platinum
Shock absorbers	KYB (twin-tube)

Body / Chassis	
Type	Body-on-frame (fully boxed ladder-type)
Materials (primary)	Corrosion-resistant and high strength steel

Exterior

Wheels & Tires	SE	Titanium	Platinum
Wheels			
8JJx18-inch aluminum-alloy, painted finish	S	-	-
8JJx20-inch aluminum-alloy, machined finish	-	S	-
8JJx20-inch aluminum-alloy, chrome clad	-	-	S
P265/70R18 BSW Conti-Trac SUV tires	S	-	-
P275/60R20 BSW Michelin SUV tires	-	S	S
Spare tire (full-size)	S (behind rear axle)		
Tire Pressure Monitor System (TPMS) Warning lamp (direct sensor-type) 4-wheel independent monitoring	S - -	S - -	S S S

Lights	SE	Titanium	Platinum
Headlights			
Type	Halogen		
Auto on/off	S		
Fog lights (in front fascia)	O 4x2, S 4x4	S	
Center high mount stop light	S		
Mirror-mounted turn signals	-		S

Exterior Features	SE	Titanium	Platinum
Body color grille	S	-	
Chrome grille	-	S	
2-piece body color side molding w/chrome inserts	-	S	
Chrome roof rack with cross bars	-	S	
Chrome tail pipe finisher	-	S	

Seating	SE	Titanium	Platinum
Capacity (Standard / Optional): SE/Titanium - standard 2 nd row bench. Platinum - optional 2 nd row bucket seats	8	8	8/7
Materials Luxury seat cloth Leather appointments w/accent stitching	S -	- S	- S
Front Seats Bucket seats w/integrated armrests (non-ratchet) Driver's side manual lumbar Driver's side 8-way power Driver's side 2-driver memory/auto entry/exit Passenger side 4-way manual Passenger side 4-way power Passenger side fold flat w/tray table Heated Platinum logo (embroidered) Active Head Restraints	S S S S - S - S - - S S	S S S S - - S - - - S S	S S S S S - S - - S S S
2 nd Row Rear Seats Split bench 2 captain's chairs w/armrests Split bench Recline Tip-up device for 3 rd row ingress/egress Flat folding Head restraint: RH & LH (cap'n chairs)* Head restraint: LH, RH, CTR (bench seat)*	S - S S S S - S*	S - S S S S - S*	S O S S S S S* S*
* When equipped with the applicable seat type			
3 rd Row Rear Seats 60/40 split 3 rd Row Bench Seat Power folding Flat folding into floor	S S 4x4, O 4x2 S	S S S	S S S

Audio	SE	Titanium	Platinum
Head unit and speakers AM/FM/MP3/CD6 with mid-switches, 8 speakers	S 4x2	-	-
Bose® audio system with AM/FM/MP3/CD6, 11 speakers and subwoofer	O 4x2, S 4x4	S	-
Bose® audio system with Music Box Hard Drive, AM/FM/MP3/CD6 with 11 speakers and subwoofer; dual media, amplifier and XM® Satellite Radio	-	-	S

Audio (cont.)	SE	Titanium	Platinum
MP3/WMA playback, radio A-B-C preset, speed-sensitive volume control	S		
XM [®] Satellite Radio (XM [®] subscription required, sold separately)	O 4x2, S 4x4	S	S
Steering wheel & rear audio controls	S		
In-glass audio & diversity antennas	S		
Body color satellite radio antenna	O 4x2, S 4x4	S	S
Nissan Navigation System with XM NavTraffic [®] with real-time traffic information (XM [®] subscription required, sold separately)	-	-	S
DVD Entertainment System - 1 display screen in overhead console, 2 sets of wireless headphones, video port on DVD unit in console, 8-inch screen, remote controller	-	O	S

Instrumentation	SE	Titanium	Platinum
Meters/Gauges	S		
Speedometer	Analog		
Tachometer	Analog		
Oil pressure	Analog		
Oil temperature	Analog		
Volts			
Tire pressure warning			
Shift position indicator			
Digital clock	Digital		
4WD indicator / warning	(4x4 only)		
Auto trans fluid temp	S		
Tire pressure display (included w/ navi)	-	-	S

Convenience Features	SE	Titanium	Platinum
Bluetooth® Hands-free Phone System	O 4x2, S 4x4	S	S
Cruise control		S	
Dual-zone Automatic Temperature Control		S	
Illuminated key ring		S	
Power driver/passenger windows with front one-touch auto up/down (w/auto reverse)		S	
Heated outside mirrors		S	
Chrome outside mirrors w/anti-glare coating		S	
Power folding chrome mirrors w/power adjust, auto dim (driver's side only), puddle lamps and integrated turn signal	-	-	S
Power door locks w/ illuminated switches and anti-lockout system w/auto door lock speed-sensing function		S	
Overhead Console Without sunroof: map lamps/sunglass holder/storage bins/compass/outside temp./UGDO With sunroof: map lights lamps/sunglass holder/ storage bins/compass/outside temp./UGDO 2 nd & 3 rd row console		S S S	
Remote keyless entry system Operates power liftgate		S	
	-	-	S
Cup holders Front 4 on center console Bottle holder: 2 on door panel trim 2 nd Row 2 on back of front center console 2 on center armrest or RR center console Bottle holder: 2 on door panel trim 3 rd Row 2 on luggage trim		S S S S S S	
Inside rearview mirror auto dimming		S	
Driver/passenger sun visors with illuminated vanity mirror, extender and sun visor		S	
Nissan Intelligent Key™ with Twist Start	-	S	S
RearView Monitor	O 4x2, S 4x4	S	S
HomeLink® Universal Transceiver	-	S	S
Power-adjustable foot pedals w/out memory w/ memory		S	
	-	-	S
12V Power point: Front: I/P mounted (2) 2 nd Row: Rear of front center console Cargo area: luggage trim panel		S S S	

Power rear quarter flip-out glass	-	-	S
Front sonar system	-	-	S
Footwell lamps	-	S	S

Safety and Security

Safety and Security Systems			
Air bags (SRS)		S	
Driver/ Passenger – w/ Advanced Air Bag System (AABS)			
Driver and passenger front seat-mounted side-impact air bags		S	
Roof-mounted curtain air bags for side-impact and rollover head protection-outboard 1 st , 2 nd , 3 rd row coverage		S	
Front seat Active Head Restraints		S	
Child seat upper tether anchor		S	
Seat Belts			
Front Row			
3-point ALR/ELR and dual pretensioners w/ load limiters		S	
2 nd Row & 3 rd Row			
3-point RH, LH, CTR with A/ELR, LATCH and upper tether anchor		S	
LATCH system		S	
Power window lockout button			
Child safety rear door locks			

Passive Safety			
Zone Body construction with front and rear crumple zones		S	
Body side reinforcements			
Energy absorbing steering column			
Hood buckling creases			
Knee bolsters			
Shift interlock system			

Security			
Steering wheel locks when key is removed		S	
Vehicle Security System (VSS)			
Immobilizer (NATS)			

Dimensions

Exterior (inches)	SE	Titanium	Platinum
Wheelbase		123.2	
Overall length		207.7	
Overall width		79.3	
Overall height (2WD/4WD) with roof rack		77.2 / 78.0	
Tread width			
Front		67.5	
Rear		67.5	
Minimum ground clearance (without skid plate)		9.8 - 4x2 10.4 - 4x4	
Step-in height			
Front		20.9 - 4x2	
Rear		21.5 - 4x4	
Angle of approach (degrees) w/o chin spoiler		24.7 - 4x2, 26.2 - 4x4	
Angle of departure (degrees)		21.8 - 4x2, 22.7 - 4x4	
Ramp over angle (degrees) w/o fuel tank skid plate		9.3 - 4x2, 9.6 - 4x4	

Interior (inches)	Front	2 nd Row	3 rd Row
Head room without sunroof	41.0	40.0	35.9
Shoulder room	65.1	64.5	63.7
Hip room	61.4	60.8	48.8
Leg room	41.8	41.9	32.2
Cargo volume (cu. ft.)			
Behind 3 rd row		20.0	
With 2 nd row folded		56.7	
2 nd & 3 rd rows folded		97.1	

Weights		SE	Titanium	Platinum
Curb (pounds)	4x2	5,372	5,558	5,558
	4x4	5,661	5,841	5,841
Weight distribution (%)	4x2	51/49	50/50	50/50
	4x4	52/48	52/48	52/48
GVWR (pounds)		7,100	7,150	7,300

Capacities			
Fuel tank (gallons)			28.0
Engine oil (quarts)			6.5
Engine coolant (quarts)			12.3
Maximum towing capacity (pounds) (when properly equipped)			
Trailer		9,100 (4x2)	9,000 (4x4)
Tongue		910 (w/tow)	900 (w/tow)

EPA Estimated Fuel Economy		
City / Highway - gasoline		12/18
City / Highway - FFV		9/13
Classification		Full-size SUV

Options	SE	Titanium	Platinum
Driver Package: Bluetooth® Hands-free Phone System; fog lights; RearView Monitor, premium Bose® audio system with 11 speakers, steering wheel controls, midswitches, and rear audio controller w/ transmitter, XM® Satellite Radio (XM® subscription required, sold separately); power-operated 3 rd row 60/40-split folding seat	O 4x2, S 4x4	S	S
SE Tow Package: receiver hitch, lower final gear ratio (3.357), additional 7-pin wiring harness plug, trailer brake pre-wiring on I/P, A/T temp gauge, heavy duty battery and rear suspension levelizer	O 4x2, S 4x4	S	S
2nd Row Captain Chairs: 2 nd row captain chairs and removable center console	-	-	O
Moonroof Package: power tilt and glide moonroof	-	O	S
Family Entertainment System (FES) Package: Family entertainment system with 8-inch rear display, video port in center console, DVD changer, remote controller and two wireless headphones	-	O	S