

LEGEND: S = Standard, O = Optional, P = Package, — = Not available

Complete package information is listed at the end of the Feature Availability section.

NOTE: Information shown is correct at time of publication and is subject to change without notice.

2009 Dodge Nitro

FEATURE AVAILABILITY

	SE	SLT	R/T
EXTERIOR			
Badging			
4x4 (4WD only)	O	O	O
4.0-liter	—	—	S
Nitro	S	S	S
R/T	—	—	S
SLT	—	S	—
Colors			
Brilliant Black Crystal Pearl Coat, Bright Silver Metallic Clear Coat, Deep Water Blue Pearl Coat, Inferno Red Crystal Pearl Coat, Stone White Clear Coat, Sunburst Orange Pearl Coat, Light Graystone Pearl Coat	O	O	O
Fascias—Front and rear			
Body-color	S	S	S
Fender Flares			
Body-color	P	S	S
Fog Lamps	P	S	S
Glass			
Solar Control glass	S	—	—
Sunscreen, deep-tinted	P	S	S
Windshield, tinted	S	S	S
Grille			
Bright	S	S	—
Body-color with chrome billets	—	—	S
Headlamps—Halogen	S	S	S
Mirrors			
Dual, power, foldaway	S	—	—
Dual, power, heated, foldaway	—	S	S
Molding			
Bodyside, body-color	S	S	S
Rear window wiper/washer	S	S	S
Side Roof Rails	S	S	S
Sun Roof—Power	O	O	O
Windshield Wipers—Variable speed intermittent	S	S	S

	SE	SLT	R/T
INTERIOR			
Air Conditioning	S	S	S
Cargo Area			
Lamp	S	S	S
Reversible load floor	S	—	—
LOAD 'N GO™	—	S	S
Tie-down Rail System	—	S	S
Consoles			
Floor	S	S	S
Overhead	—	S	S
Defroster—Rear-window, electric	S	S	S
Door Locks—Speed-sensitive, power	S	S	S
Door Trim Panels			
Base	S	—	—
Premium	—	S	S
Floor Carpet	S	S	S
Floor Mats	S	S	S
Instrument Cluster			
Electronic Vehicle Information Center (EVIC)	—	S	S
Tachometer	S	S	S
Temperature, compass	P	S	S
Interior Colors			
Dark Khaki	O	—	—
Dark Slate Gray	O	—	O
Dark Khaki/Medium Khaki	—	O	—
Dark/Light Slate Gray	—	O	—
Interior Lighting			
Courtesy lamps	S	S	S
Map/dome reading lamps	S	S	S
Illuminated entry	S	S	S
Mirror—Rearview			
Day/night	S	—	—
Auto-dimming	—	S	S
Auto-dimming with microphone (with uconnect phone)	—	P	P
Power Outlets			
12-volt, instrument panel	S	S	S
115-volt	P	S	S
Seats			
Cloth low-back front buckets	S	—	—
Premium cloth buckets with Stain Repel Seat Fabric	—	S	S

	SE	SLT	R/T
Cloth with color-keyed insert (Electric Blue, Inferno Red or Sunburst Orange)	—	—	O
Cloth, two-tone with logo	—	—	P
Front passenger, forward fold flat	S	S	S
Leather-trimmed front buckets (Includes heated front)	—	P	O
Manual seat adjustment	S	—	—
Power six-way adjustable driver's	—	S	S
Rear—60/40 folding split-recline bench	S	S	S
Sound Systems/Navigation/Communication			
AM/FM radio with CD player, MP3	S	S	S
AM/FM radio with six-disc CD/DVD, MP3	—	P	P
AM/FM radio with CD player, MP3, navigation	—	O	O
uconnect phone	P	P	P
SIRIUS Satellite Radio	S	S	S
Four full-range speakers	S	S	S
uconnect gps with 30 gigabyte hard drive, GPS navigation, 6.5-inch color touch-screen display and eight amplified speakers plus subwoofer	—	P	P
Steering wheel-mounted audio controls	—	S	S
Speed Control	O	S	S
Steering Column—Tilt	S	S	S
Steering Wheel			
Leather-wrapped	—	S	S
Sun Visors			
Sliding shaft	S	—	—
With illuminated vanity mirrors	P	S	S
Upholstery, cloth	S	S	S
Windows			
Power with driver one-touch	S	—	—
Power with driver one-touch up and down, passenger one-touch down	—	S	S
POWERTRAIN AND CHASSIS			
Engines			
3.7-liter SOHC V-6 with electronic throttle control	S	S	—
4.0-liter SOHC V-6 with electronic throttle control	—	—	S
Transmissions			
Four-speed automatic	S	S	—
Five-speed automatic	—	—	S
Axles			
Dana 30/186 mm front axle (4WD only)	S	S	S
Corporate 8.25 rear axle	S	S	S
Axle Ratio			
3.73:1	S	S	—

	SE	SLT	R/T
3.55:1 (with five-speed automatic transmission)	—	—	S
Brakes			
Four-wheel Anti-lock Brake System (ABS)	S	S	S
Electronic Stability Program (ESP) with All-speed Traction Control and Brake Assist	S	S	S
Four-wheel-drive Systems (part-time)	O	O	O
Remote Start	—	P	P
Steering—Power, rack and pinion	S	S	S
Suspension			
Front—New short- and long-arm (SLA)	S	S	S
Rear—New five-link	S	S	S
Sport	S	S	
Performance (with 20-inch wheels and tires only)	—	P	S
Tires^(a)			
P225/75R16 BSW all-season	S	—	—
P235/65R17 BSW all-season performance	P	S	—
P235/65R17 OWL performance	O	O	—
P245/50R20 VSB all-season performance	—	O	S
Tires—Spare			
Compact	S	S	S
Full-size	P	P	P
Wheels			
16-inch x 7-inch steel	S	—	—
16-inch x 6.5-inch aluminum	P	—	—
17-inch x 7-inch aluminum	—	S	S
17-inch x 7-inch aluminum polished chrome	—	P	—
20-inch x 7.5-inch aluminum chrome-clad	—	O	S
SAFETY AND SECURITY			
LATCH (Lower Anchors and Tethers for CHildren)	S	S	S
Door Locks			
Speed-sensitive	S	S	S
ParkSense [®] Rear Park Assist System	—	P	P
Remote Keyless Entry	S	S	S
Restraint Systems			
Air bags^(a)			
Advanced multi-stage front	S	S	S
Supplemental side	S	S	S
Three-point seat belts ^(b)	S	S	S
Security Alarm	—	P	P
Sentry Key [®] Engine Immobilizer	S	S	S

	SE	SLT	R/T
Tire Pressure Monitoring			
Warning	S	—	—
Display	—	S	S
(a) Certified to federal regulations that allow less forceful air bags. Always use seat belts. Remember, a back seat is the safest place for children.			
(b) Always sit properly in the seat with the seat belt fastened. Always observe the passenger air bag indicator lamp to determine if the OCS classification is appropriate. Children 12 and under should always be in a back seat correctly using an infant or child restraint system or the seat belt positioned correctly for the child's age and weight.			
EQUIPMENT GROUPS			
uconnect gps —Includes auto-dimming rearview mirror with microphone, SIRIUS Satellite Radio and uconnect phone	—	O	O
Rear DVD Entertainment System —Includes gaming system and wireless headphones	—	O	O
Trailer Tow Group —Includes heavy-duty engine cooling, power steering cooler, Class III receiver hitch, four-pin connector wiring and full-size spare tire	O	O	O
Premium Sound Group —Includes Infinity® speakers and subwoofer, plus 6-disc CD radio	—	O	O
Convenience Group —Includes ParkSense® Rear Park Assist System, Remote Start and uconnect phone	—	O	O
SE Sun and Wheel Group —(which includes sun roof and 17-inch polished chrome wheels)	O	—	—
SLT Sun and Wheel Group —(which includes sun roof, 20-inch chrome clad wheels and performance suspension)	—	O	—

2009 Dodge Nitro

SPECIFICATIONS

All dimensions are in inches (millimeters) at curb weight with standard wheels and tires unless otherwise noted.

GENERAL INFORMATION

Body Style	Sport-utility vehicle
Construction	Steel uniframe
Assembly Plant	Toledo North Assembly Plant, Toledo, Ohio
EPA Vehicle Class	Multi-purpose vehicle

ENGINE: 3.7-LITER SOHC V-6

Availability	Nitro SE and Nitro SLT
Type and Description	90° V-6, liquid-cooled w/balance shaft
Displacement	225.8 cu. in. (3700 cu. cm)
Bore x Stroke	3.66 x 3.57 (93.0 x 90.8)
Valve System	Chain-driven SOHC, 12 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast-iron block and bedplate, aluminum alloy heads, balance shaft
Compression Ratio	9.7:1
Power (SAE net)	210 hp (157 kW) @ 5,200 rpm
Torque (SAE net)	235 lb.-ft. (319 N•m) @ 4,000 rpm
Max. Engine Speed	6,000 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	5.0 qt. (3.7L) SAE 5W/20
Coolant Capacity	14.0 qt. (13.25L)
Emission Controls	Dual, mini-oxidation, three-way catalytic converters, quad heated oxygen sensors, EGR and internal engine features ^(a)
Alternator	160-amp
Battery	600 CCA, maintenance-free
Estimated 2009 EPA Fuel Economy mpg (City/Hwy)	16/22 – 2WD Four-speed Automatic Transmission 15/21 – 4WD Four-speed Automatic Transmission

(a) Meets federal emission BIN5 standard and ULEV II standard for California emission states.

ENGINE: 4.0-LITER SOHC V-6

Availability	Standard on Nitro R/T
Type and Description	60-degree bank angle, liquid-cooled, with three-plenum intake manifold, electronically controlled and short-runner valves
Displacement	241.2 cu. in. (3952 cu. cm)
Bore x Stroke	3.78 x 3.58 (96 x 91)
Valve System	SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multiport, electronic
Construction	Semi-permanent molded aluminum block with cast-in iron liners and cast-aluminum heads

Compression Ratio	10.3:1
Power (SAE net, estimated)	260 hp (194 kW) @ 6,000 rpm
Torque (SAE net, estimated)	265 lb.-ft. (359 N•m) @ 4,200 rpm
Max. Engine Speed	6,000 rpm (electronically limited)
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2—preferred, unleaded regular, 87 octane (R+M)/2—acceptable
Oil Capacity	6 qt. (4.0L) SAE 10W-30 with dry filter
Coolant Capacity	14.3 qt. (13.5L)
Emission Controls	Maniverter three-way catalytic converters, quad-heated oxygen sensors and internal engine feature ^(a)
Alternator	160-amp
Battery	600 CCA, maintenance-free
Estimated 2009 EPA Fuel Economy mpg (City/Hwy)	16/21 – 2WD Five-speed Automatic Transmission 15/20 – 4WD Five-speed Automatic Transmission
(a) Meets 50 State BIN5+ LEVII+ emission standard.	

TRANSMISSION: 42RLE – AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Standard with 3.7-liter SOHC V-6
Description	Adaptive electronic control, electronically modulated torque converter clutch
Gear Ratios	
1 st	2.84
2 nd	1.57
3 rd	1.0
4 th	0.69
Reverse	2.21
Axle Ratio	3.73
Overall Top Gear	2.57

TRANSMISSION: W5A580 – AUTOMATIC FIVE-SPEED OVERDRIVE

Availability	Standard on 4.0-liter SOHC V-6
Description	Adaptive electronic control, electronically modulated torque converter clutch
Gear Ratios	
1 st	3.59
2 nd	2.19
3 rd	1.41
4 th	1.0
5 th	0.83
Reverse	3.16
Axle	3.55 with 4.0-liter SOHC V-6
Overall Top Gear	2.95 with 4.0-liter SOHC V-6

TRANSFER CASE: MP 143 GII SINGLE-SPEED

Availability	Included on 4WD
Type	Part-time, electronically shifted
Operating Ranges	2WD, 4WD lock, electronically controlled
Center Differential Type	None
Torque Split, F/R	50/50

ELECTRICAL SYSTEM

Alternator	160-amp
Battery	600-amp, maintenance-free

DIMENSIONS AND CAPACITIES

Wheelbase	108.8 (2763.0)
Track, Front	61.0 (1549.4)
Track, Rear	61.0 (1549.4)
Overall Length	178.9 (4544.0)
Overall Width	73.1 (1856.9)
Overall Height	69.9 (1775.8)
Approach Angle	25.6°
Breakover Angle	22.0°
Departure Angle	26.7°
Aero CdA	11.6
Aero Cd	0.38
Fuel Tank Capacity	19.5 gal. (73.8L)
Maximum Payload, lbs. (kg), Includes Occupants and Cargo	1,150 (590)
Towing Capacities, lbs. (kg)	
3.7L and 4.0L models without Trailer Tow Group	2,000 (907)
3.7-liter and 4.0-liter engine with Trailer Tow Group	3,500 (1588)
3.7-liter and 4.0-liter engine, with Trailer Tow Group and weight distributing hitch	5,000 (2268)
Weights, curb, base vehicle, lbs. (kg)	
3.7-liter gasoline engine, 2WD	Nitro SE/SLT, automatic transmission—3971 (1801)
3.7-liter gasoline engine, 4WD	Nitro SLT, automatic transmission—4132 (1874)
4.0-liter gasoline engine, 2WD	Nitro R/T, automatic transmission—4029 (1827)
4.0-liter gasoline engine, 4WD	Nitro R/T, automatic transmission—4204 (1906)

ACCOMMODATIONS

Seating Capacity—F/R	2/3
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Front Row

Head Room	40.6 (1032.1)
Head Room with Sun Roof	38.3 (971.9)
Head Room with Open Roof	41.7 (1059.5)
Leg Room	40.8 (1036.4)
Shoulder Room	57.2 (1452.2)
Hip Room	56.8 (1443.9)
Seat Travel	9.0 (229.1)
Recliner Range, degrees	6.6° to 51.6°

Second Row

Head Room	40.8 (1036.5)
Leg Room	37.7 (946.3)
Knee Clearance	2.1 (53.5)
Shoulder Room	56.4 (1433.4)
Hip Room	47.4 (1202.9)

Cargo

Liftover Height	33.3 (847.3)
Minimum Cargo Width at Liftgate Opening	44.0 (1118.5)
Maximum Cargo Width at Liftgate Opening	46.5 (1182.2)
Minimum Cargo Height at Liftgate Opening	32.6 (827.4)
Maximum Cargo Height at Liftgate Opening	33.1 (841.6)
Distance Between Wheelhouse Interior Trim	40.5 (1028.4)

Cargo Volume, cu. ft. (cu m)

Behind Rear Seat	32.1 (0.9)
With Rear Seat Folded	65.2 (1.8)
With Front Passenger and Rear Seats Folded	75.6 (2.1)
SAE Interior Volume, Front	54.8 (1.55)
SAE Interior Volume, Rear	47.7 (2.35)

BODY/CHASSIS

Layout	Longitudinal front engine, rear-wheel drive or four-wheel drive
Construction	Steel unibody

SUSPENSION

Front	Upper and lower "A" arms, coil springs, low-pressure gas-charged shock absorbers, stabilizer bar
Rear	Live axle, upper and lower trailing arms, track bar, coil springs, stabilizer bar, low-pressure gas-charged shock absorbers

STEERING	
Type	Power rack-and-pinion
Overall Ratio	17.36:1
Turning Diameter (curb-to-curb)	36.3 ft. (11.1 m)
Steering Turns (lock-to-lock)	3.42
BRAKES	
Power Assist Type	8 x 9 (204 x 230) tandem-diaphragm vacuum
Four-wheel Anti-lock Brake System (ABS)	Standard
Electronic Stability Program (ESP)	Standard
Parking Brake Type	Rear brake drum-in-hat
Front	
Size and Type	11.9 x 1.1 (302 x 28) vented rotor with 2.6 (66) single-piston floating caliper
Swept Area (total front)	190.8 sq. in. (1231.0 sq. cm)
Rear	
Size and Type	12.44 x 0.47 (316 x 12) solid rotor with 1.9 (48) single-piston floating caliper
Swept Area (total rear)	55.4 sq. in. (357.6 sq. cm)
WHEELS	
Type and Material	Painted steel, Sparkle Silver
Size	16 in. x 7 in.
Availability	Standard Nitro SE
Type and Material	Painted cast-aluminum, Sparkle Silver
Size	16 in. x 6.5 in.
Availability	Optional Nitro SE
Type and Material	Painted cast-aluminum, Sparkle Silver
Size	17 in. x 7 in.
Availability	Standard Nitro SLT, optional Nitro SXT
Type and Material	Polished chrome cast-aluminum
Size	17 in. x 7 in.
Availability	Optional Nitro SLT
Type and Material	Chrome-clad cast-aluminum
Size	20 in. x 7.5 in.
Availability	Standard R/T Nitro, Optional Nitro SLT

TIRES

Size and Type	P225/75R16, all-season, black sidewall (BSW)
Model	Goodyear Wrangler ST
Revs per Mile (km)	715 (443)
Availability	Standard Nitro SE
Size and Type	P235/65R17, vertically serrated band
Model	Goodyear Wrangler HP
Revs per Mile (km)	715 (443)
Availability	Standard Nitro SLT, Optional Nitro SE
Size and Type	P235/65R17, outline white letters (OWL)
Model	Goodyear Performance Wrangler HP
Revs per Mile (km)	721 (447)
Availability	Optional Nitro SLT
Size and Type	P245/50R20, all-season, black sidewall (BSW)
Model	Goodyear Eagle HP
Revs per Mile (km)	700 (434)
Availability	Standard Nitro R/T, Optional Nitro SLT