

## PRELIMINARY TECHNICAL SPECIFICATIONS

### Dodge Nitro (Outside North America)

*The information shown is based on data available at the time of publication (September 15, 2006) and is subject to change without notice. Specifications are valid for Europe and may vary in other markets.*

#### **General Information**

Body Style	Four-door sport-utility
Assembly Plant	Toledo North Assembly Plant, Ohio (USA)

#### **Engines**

##### **3.7-litre V-6 Petrol Engine**

Availability	Standard on Nitro SE and SXT
Type and Description	90-degree V-6, liquid-cooled with balance shaft
Displacement	3.7 litres (3700cc / 225.8 cu. in.)
Bore x Stroke	93mm x 90.8mm (3.66 in. x 2.31 in.)
Compression Ratio	9.6:1
Maximum Power (estimated)	157 kW (213 hp DIN) @ 5200 rpm
Maximum Torque (estimated)	319 Nm (235 lb.-ft.) @ 4000 rpm
Emission Class	Euro 4

##### **4.0-litre V-6 Petrol Engine**

Availability	Standard on Nitro R/T
Type and Description	60-degree bank angle, liquid-cooled, with three-plenum intake manifold, electronically controlled manifold tuning valve and short-runner valves
Displacement	4.0 litres (3952cc / 241.2 cu. in.)
Bore x Stroke	96mm x 91mm (3.78 in. x 3.58 in.)
Compression Ratio	10.3:1
Maximum Power (estimated)	194 kW (263 hp DIN) @ 6000 rpm
Maximum Torque (estimated)	359 Nm (265 lb.-ft.) @ 4200 rpm
Emission Class	Euro 4

##### **2.8-litre Turbo Diesel Engine**

Availability	Optional on Nitro SE, SXT and R/T
Type and Description	Common-rail diesel, four-cylinder, in-line, turbocharged
Displacement	2.8 litres (2766cc / 169 cu. in.)
Bore x Stroke	94mm x 100mm (3.7 in. x 3.94 in.)
Compression Ratio	17.5:1
Maximum Power (estimated)	134 kW (182 hp DIN) @ 3800 rpm
Maximum Torque (estimated)	460 Nm (340 lb.-ft.) @ 1800 rpm
Emission Class	Euro 4

## **Transmissions**

### **Four-speed Automatic**

Availability	Standard with 3.7-litre V-6 petrol engine
Description	42RLE: Four-speed, overdrive, adaptive electronic control, electronically controlled converter clutch

### **Five-speed Automatic**

Availability	Standard with 4.0-litre V-6 petrol engine, optional with 2.8-litre turbo diesel engine
Description	A 580: Five-speed, overdrive, adaptive electronic control, Electronic Range Select (ERS) and electronically modulated torque converter clutch

### **Six-speed Manual**

Availability	Standard with 2.8-litre turbo diesel engine
Description	NSG 370: Six-speed, overdrive, synchronised in all forward gears and reverse, multi-rail shift system with top-mounted shift lever

## **Drivetrains**

### **Part-time 4x4 System**

Availability	Standard with 3.7-litre V-6 petrol and 2.8-litre turbo diesel engines
Type	MP 143 GII: Single-speed, part-time
Operating Ranges	2WD, 4WD part-time, electronically shifted
Torque Split	50/50 per cent front/rear

### **Full-time 4x4 System**

Availability	Standard with 4.0-litre V-6 petrol engine
Type	MP 140 GII: Single-speed, full-time
Operating Range	4WD full-time
Centre Differential Type	Planetary
Torque Split	48/52 per cent front/rear

### **Chassis and Running Gear**

Front Suspension	Upper and lower "A" arms, coil springs, low-pressure gas-charged shock absorbers, stabiliser bar
Rear Suspension	Live axle, upper and lower trailing arms, track bar, coil springs, low-pressure gas-charged shock absorbers, stabiliser bar
Steering Type	Power rack-and-pinion
Wheels and Tyres (standard fit)	SE: 16 in. x 7 in. painted steel wheels with P235/70R17 all-season tyres SXT: 17 in. x 7 in. painted cast aluminium wheels with P235/65R17 all-season tyres R/T: 20 in. x 7.5 in. platinum-finish cast aluminium wheels with P245/50R20 all-season tyres
Brakes	Four-wheel disc brakes with ABS

### **Dimensions and Accommodations**

*Dimensions are in millimetres (inches) unless otherwise noted.*

Overall Length	4584 (180.5)
Overall Width	1857 (73.1) without mirrors
Overall Height	1775 (69.9)
Wheelbase	2763 (108.8)
Track, Front	1549 (61)
Track, Rear	1549 (61)
Seating Capacity	Two front, three rear
Cargo Compartment Volume	909 litres (32.1 cu. ft.), SAE standard – estimated

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