2006 Five Hundred Technical Specifications

BODY	
Construction	Steel unibody
Final Assembly Location	Chicago Assembly Plant
POWERTRAIN AND CHASSIS	
ENGINE	
Type	3.0-liter V-6
Configuration	Aluminum block and heads
Intake Manifold	Composite integrated air-fuel module
Exhaust Manifolds	Cast iron
Valvetrain	DOHC, 4 valves per cylinder
Ignition	Coil on plug
Bore x stroke	3.5 x 3.1 in. / 88.9 x 78.7 mm
Displacement	181 cu. in. / 2,967 cc
Compression ratio	10.0:1
Horsepower	203 @ 5,750 rpm
Horsepower per liter	67.7
Torque	207 lbs.-ft. @ 4,500 rpm
Recommended fuel	87 octane unleaded
Fuel capacity	20 gallons
Fuel Injection	Sequential multi-port fuel injection
Oil Capacity	6 quarts with filter
Recommended Oil	
DRIVETRAIN	
Layout	Front-wheel drive and All-Wheel drive
TRANSMISSION	
Standard	6-speed automatic overdrive
Gear Ratios	
1st	4.15:1
2nd	2.37:1
3rd	1.56:1
4th	1.16:1
5th	0.86:1
6th	0.69:1
Reverse	3:39:1
Final Drive	3.46:1
Optional	Continuously variable transmission
Ratio range	2.46-0.41:1
Final drive ratio	
FWD	4.98:1
AWD	5:19:1
SUSPENSION	
Front	Independent, MacPherson strut, rearward-facing lower L-arms and stabilizer bar
Rear	Independent, multilink coil over shock and stabilizer bar
STEERING	
Type	Power rack and pinion
Ratio	15.8:1
Turning circle curb-to-curb	39.7 ft
BRAKES	
Type	Four wheel power disc brakes with standard 4-sensor, 4-channel anti lock braking system (ABS) and electronic brakeforce distribution (EBD)
Front	12-in ventilated, dual-piston aluminum calipers
Rear	11.5-in ventilated
Power assist	Vacuum, ABS and EBD
WHEELS AND TIRES	
SE	17-in, seven-spoke painted aluminum, P215/60R17
SEL	17-in, seven-spoke bright aluminum, P215/60R17
Largest (Limited)	18-in, eight-spoke bright aluminum, P225/55R18
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	112.9
Overall length	200.7
Overall width	74.5
Overall height	60.1
Track width, front/rear	64.6 / 65.0
INTERIOR	
Seating capacity	5 passenger
Headroom	
Front row	39.4
Second row	38.6
Legroom	
Front row	41.2
Second row	41.9
Shoulder room	
Front row	57.8
Second row	57.6
Hip room	
Front row	53.7
Second row	53.6
H-point height	
Front row	22.7
WEIGHTS AND CAPACITIES (pounds unless otherwise noted)	
SAE passenger volume	108.3 cu. ft.
Cargo Volume	21.2 cu. ft.
Maximum towing capacity (properly equipped)	1,000

Base curb weight	
FWD	3,649
AWD, CVT	3,825
Power-to-weight ratio (lbs/hp)	
FWD	17.98
AWD, CVT	18.84
WARRANTY INFORMATION	
Warranty	3-year, 36,000-mile bumper-to-bumper

These are preliminary specifications subject to change.