2005 Freestar Dimensions

Specifications

DIMENSIONS AND CAPACITIES	
Length	201.0
Width	76.6
Height	68.8
Wheelbase	120.8
Track, f/r	64.3/62.8
Fuel capacity (gal)	26.0
Oil capacity (qt)	5.5
Coolant capacity (qt)	14.8 w/out aux AC; 15.9 w/aux AC

INTERIOR	
SAE passenger volume	206.8
Cargo volume (cu ft)	
Behind 3rd row	31.5
Behind 2nd row	70.4
Behind 1st row	130.6
Headroom	
1st	38.9
2nd	40.1
3rd	38.2
Legroom	
1st	40.7
2nd	38.0
3rd	34.1
Hip room	
1st	58.4
2nd	66.4
3rd	48.1
Shoulder room	
1st	61.0
2nd	63.5
3rd	50.9

POWERTRAIN	
Engine Type	
3.9L	V-6, iron block, aluminum heads
4.2L	V-6, iron block, aluminum heads
Bore x stroke	
3.9L	3.81 x 3.39
4.2L	3.81 x 3.74
Displacement	
3.9L	232 cu in, 3802 cc
4.2L	256 cu in, 4195 cc
Compression Ratio	
3.9L	9.3:1
4.2L	9.3:1
Fuel Injection	
3.9L	Sequential multi-port electronic
4.2L	Sequential multi-port electronic
Valvetrain	
3.9L	OHV, 2 valves/cylinder
4.2L	OHV, 2 valves/cylinder
Power (estimated)	
3.9L	193 hp @ 4750 rpm
4.2L	201 hp @ 4250 rpm
Torque (estimated)	
3.9L	240 lb-ft @ 3750 rpm
4.2L	263 lb-ft @ 3650 rpm
Transmission	4-speed, automatic overdrive
Final drive ratio	
3.9L	3.54:1
4.2L	3.54:1
Gear Ratios	
I	2.77:1
II	1.56:1
III	1.00:1
IV	0.70:1

SUSPENSION	
Front	MacPherson strut with stabilizer bar
Rear	twist beam

STEERING	
Type	Power rack-and-pinion
Overall ratio	16.8:1
Turning circle, curb-to-curb	40.0 ft

BRAKES	
Front	11.5-in vented disc
Rear	12.2-in vented disc
Assist type	vacuum, ABS

WHEELS AND TIRES	
Base wheel and tire	Steel with cover, P225/60R16
Largest wheel and tire available	17-in aluminum, P235/55R17

WEIGHTS	
Base curb weight (lbs)	4275
Max towing capacity, properly equipped (lbs)	3500

All Dimensions are in inches unless otherwise noted.