

SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ Full-size van, passenger and cargo, cab/chassis
 Assembly Plant _____ Dusseldorf, Germany; Gaffney, South Carolina (Cargo Van only)

ENGINE: 2.7-LITER, I-5 TURBODIESEL

Type and Description _____ Inline five-cyl. turbodiesel with intercooler
 Displacement _____ 164 cu. in. (2687 cu. cm)
 Bore x Stroke _____ 3.46 x 3.48 (87.9 x 88.4)
 Valve System _____ DOHC, 20 valves,
 Fuel Injection _____ Common rail injection with valve-covered injection nozzles
 Construction _____ Cast-iron block and heads
 Compression Ratio _____ 18:1
 Power (SAE net) _____ 154 bhp (115 kW) @ 3800 rpm (57.3 bhp/L)
 Torque (SAE net) _____ 243 lb.-ft. (330 N•m) @ 1600-2400 rpm
 Max. Engine Speed _____ 4150 rpm
 Fuel Requirement _____ Diesel fuel (No. 2 or No. 1: ASTM D275 No. 2-D or No. 1-D)
 Oil Capacity _____ 9.5 qt. (9L)
 Coolant Capacity _____ 2.7 qt. (2.6L)
 Emission Controls _____ Oxygen sensor, catalytic converter
 Max. Gross Trailer Weight _____ 5,000 lbs.
 Estimated Fuel Economy _____ 22 mpg average

ELECTRICAL SYSTEM

Alternator _____ 90-amp; optional 115- and 150-amp
 Auxiliary Battery _____ Available option with disconnect relay
 Battery _____ 12 volt/110-ah
 Radio _____ AM/FM radio with cassette (two speakers), optional single CD player

AUTOMATIC TRANSMISSION

Description _____ Electronically controlled five-speed overdrive
 Gear Ratios
 1st _____ 3.595
 2nd _____ 2.186
 3rd _____ 1.405
 4th _____ 1
 5th _____ 0.831
 Axle Ratio _____ Standard—3.72, Optional—4.11
 Final Drive _____ 3.09 with 3.72 axle, 3.42 with 4.11 axle

continued

SPECIFICATIONS

DIMENSIONS AND CAPACITIES(a)

Passenger Van

	2500		2500 High Roof		
Wheelbase	118	140	118	140	158
Track, Front	65.0	65.0	65.0	65.0	65.0
Track, Rear	64.8	64.8	64.8	64.8	64.8
Overall Length	197	225	197	225	263
Overall Width	76.1	76.1	76.1	76.1	76.1
Overall Height	93.1	94.7	102	103.6	103.6
Rear Load Height	26	28	26	28	28
Ground Clearance					
Front axle	8.3	9.1	8.3	9.1	9.1
Rear axle	7.4	8.3	7.4	8.3	8.3
Width of Rear Door Opening	61.4	61.4	61.4	61.4	61.4
Width of Sliding Door Opening	41.1	41.1	41.1	41.1	41.1
Approach Angle	22	26	22	26	26
Ramp Breakover Angle	15	16	15	16	15
Departure Angle	21	14	21	21	14
Drag Coefficient	0.34	0.34	0.36	0.36	0.36
Fuel Tank Capacity (gal./L)	26.4/100	26.4/100	26.4/100	26.4/100	26.4/100
Cargo Capacity	247 cu. ft.	321 cu. ft.	286 cu. ft.	367 cu. ft.	473 cu. ft.
Payload Capacity (lbs./kg)	3681/1670	3221/1460	3626/1645	3154/1431	2846/1291

(a) All dimensions measured on base model at curb weight with standard tires.

continued

SPECIFICATIONS

DIMENSIONS AND CAPACITIES(a) (CONTINUED)

Cargo Van

	2500		2500 High Roof			3500		3500 High Roof	
Wheelbase	118	140	118	140	158	140	140	158	
Track, Front	65.0	65.0	65.0	65.0	65.0	64.8	64.8	64.8	
Track, Rear	64.8	64.8	64.8	64.2	64.2	61.1	61.1	61.1	
Overall Length	197	225	197	225	263	225	225	263	
Overall Width	76.1	76.1	76.1	76.1	76.1	78.3	78.3	78.3	
Overall Height	93.1	94.7	102	103.6	103.6	94.5	103.3	102.7	
Rear Load Height	26	28	26	28	28	28	28	27	
Ground Clearance									
Front axle	8.3	8.3	8.3	9.1	9.1	7.7	7.7	7.7	
Rear axle	7.4	7.4	7.4	8.3	8.3	6.8	6.8	6.8	
Rear Door Width	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
Width of Sliding									
Door Opening	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	
Approach Angle	22	26	22	26	26	22	22	22	
Ramp Breakover Angle	15	13	15	16	15	14	14	13	
Departure Angle	21	21	21	21	14	18	18	12	
Drag Coefficient	0.34	0.34	0.36	0.36	0.36	0.34	0.36	0.36	
Fuel Tank Capacity									
(gal./L)	26.4/100	26.4/100	26.4/100	26.4/100	26.4/100	26.4/100	26.4/100	26.4/100	
Cargo Capacity	247 cu. ft.	321 cu. ft.	286 cu. ft.	367 cu. ft.	473 cu. ft.	321 cu. ft.	367 cu. ft.	473 cu. ft.	
Payload Capacity									
(lbs./kg)	4142/1879	3800/1724	4098/1859	3745/1699	3474/15761	5086/2307	5031/2282		
4766/2162									

Cab/Chassis

	2500		3500	
Wheelbase	140	158	140	158
Track, Front	65.0	65.0	64.8	64.8
Track, Rear	64.2	64.2	61.1	61.1
Overall Length	218	248	231	264
Overall Width	75.7	75.7	78.3	78.3
Overall Height	88.0	88.0	87.0	87.0
Ground Clearance				
Front axle	9.1	9.1	7.7	7.7
Rear axle	8.3	8.3	6.8	6.8
Rear Door Width	61.4	61.4	61.4	61.4
Approach Angle	29	29	24	24
Ramp Breakover Angle	13	13	14	13
Departure Angle	30	23	13	11
Drag Coefficient	0.34	0.34	0.34	0.34
Fuel Tank Capacity (gal./L)	26.4/100	26.4/100	26.4/100	26.4/100

(a) All dimensions are in inches (millimeters) unless otherwise noted.

(b) Weight of body reduces available payload.

continued

SPECIFICATIONS

DIMENSIONS AND CAPACITIES (CONTINUED)

CARGO

	118	140	158
Max. Width Inside _____	61.4 (1560)	61.4 (1560)	61.4 (1560)
		2500: 50 (1270)	3500: 40.2 (1021)
Width Between Wheelhouses _____	50 (1270)	2500: 50 (1270)	3500: 40.2 (1021)
Height—Max. inside _____	59.8 (1519);	59.8 (1519);	59.8 (1519);
	High Roof 73 (1854)	High Roof 73 (1854)	High Roof 73 (1854)
Interior Length _____	99 (2515)	128.6 (3266)	165.9 (4214)
Cargo Capacity _____	247 cu. ft. (7.22 cu. m)	321 cu. ft. (9.39 cu. m)	473 cu. ft. (13.84 cu. m)

ACCOMMODATIONS

	118	140	158
Seating Capacity, F/R _____	2/3/3	2/3/2/3;	2/3/2/3;
		Cargo & Cab/Chassis 2/—	Cargo & Cab/Chassis 2/—

BODY AND CHASSIS

Layout _____ Longitudinal front engine, rear-wheel drive
 Construction _____ Unibody construction

SUSPENSION

Front _____ Independent suspension. Wishbone and shock absorber with strut, transverse leaf spring, and stabilizer bar (stabilizer bar for 8,550 lb. GVWR only)
 Rear _____ Rigid axle, longitudinal parabolic spring with stabilizer bar

STEERING

Type _____ Power-assisted rack and pinion servo steering
 Turning Radius _____ 118 in.—36.7 ft.; 140 in.—42.0 ft.; 158 in.—47.0 ft.

TIRES(a)

Size and Type _____ 8,550 lb. GVWR: 225/70R15 (118" wheelbase); 225/75R16 (140" & 158" wheelbase)
 9,990 lb. GVWR: 195/70R15

(a) See also Tires under Feature Availability.

continued

SPECIFICATIONS

WHEELS(a)

Type and Material _____ Stamped-steel

Size _____ 8,550 lb. GVWR: 6J x 15 (118" wheelbase); 6J x 16 (140" & 158" wheelbase)
9,990 lb. GVWR: 5J x 15

Brakes _____ Brake booster, dual hydraulic circuit brake with four-wheel anti-lock system.
Internally ventilated discs on the front axle, solid discs on rear axle

Electronic Brake Distribution (EBV)

Front

Size and type _____ 2500 models: 10.7 x 3 (272 x 76);
3500 models 11.22 x 3 (285 x 76) vented disc, with ABS
All models: Electronic brake distribution (EBV)

Rear

Size and type _____ 2500 models: 10.7 x 3.74 (272 x 95);
3500 models 11.22 x 3.74 (285 x 95) solid disc with ABS
All models: Electronic brake distribution (EBV)

Power Assist Type _____ Brake booster, dual hydraulic circuit

Stability enhancements _____ All models: Electronic Brake Distribution (EBV), Acceleration Skid Control (ASR)
2500 models: Electronic Stability Program (ESP)

(a) See also Wheels under Feature Availability.

FEATURE AVAILABILITY

	Passenger Van	Cargo Van	Cab/ Chassis
EXTERIOR			
Colors—Amber Red Metallic, Arctic White, Black Blue, Black Gray, Brilliant Blue, Brilliant Silver Metallic, Calcite Yellow, Carbon Black Metallic, Flame Red, Hyacinth Blue, Jasper Blue Metallic, Jet Black, Orchid Green, Piedmont Red, Silver Gray, Steel Blue and Stone Gray _____	O	O	O
Defroster—Rear window, electric _____	S	O	—
Doors			
Sliding passenger side, dual rear-hinged _____	S	S	—
Sliding left side _____	—	O	—
Fascias _____			
Front _____	S	S	S
Rear gray with step pad _____	O	O	—
Front with chrome trim _____	O	O	O
Fog Lamps _____	O	O	O
Headlamps—Halogen _____	S	S	S
Hydraulic Jack _____	S	S	S
Mirrors			
Dual outside power heated _____	S	O	O
Dual outside, manual _____	—	S	S
Dual outside, parabolic _____	O	O	O
Mud Flaps _____			
Front and rear _____	S	S	S
Front only _____	—	—	S
Step—Rear, wide metal _____	O	O	—
Sun Roof—Manual, tilting _____	O	O	O
Tire Carrier—Under slung _____	S	S	S
Windshield Wipers—Variable intermittent _____	S	S	S

Legend: S = Standard O = Optional P = Available In Group O/P = Item is a free-standing option and also included in a group — = Not Available

continued

FEATURE AVAILABILITY

	Passenger Van	Cargo Van	Cab/Chassis
INTERIOR			
Air Conditioning—Automatic controls _____	S	S	S
Ash Trays			
Front and rear _____	S	—	—
Front only _____	—	S	S
Armrests			
Driver and front passenger _____	S	S	S
Rear seats, outboard positions _____	O	—	—
Assist Handle—Passenger _____	O	O	O
Defroster—Rear window, electric _____	S	O	—
Dome Lamp _____	S	S	S
Glove Box _____	S	S	S
Instrument Cluster—Analog speedometer, odometer, trip odometer, tachometer, clock, external temperature voltmeter, oil pressure, coolant temperature and fuel gauge _____	S	S	S
Lighter—Cigar _____	S	S	S
Lighting			
Cargo compartment, sides _____	—	S	—
Dome lamp _____	S	S	S
Front reading _____	O	—	O
Locks—Power _____	O	O	O
Mirror—Manual day/night rearview _____	S	O	O
Power Outlet—Auxiliary 12-volt (two) in-dash _____	S	S	S
Radio			
Antenna—Mast _____	S	S	S
AM/FM stereo with cassette, two speakers _____	S	S	S
Single CD player _____	O	O	O
Seats			
Split bench second-, third- and rear-row; cloth bucket seats, driver and passenger _____	S	S	S
Luxury driver and passenger seats _____	O	O	O
Heated front _____	O	O	O
Lumbar support—Manual, driver and front passenger _____	O	O	O
Steering Wheel—Four-spoke _____	S	S	S
Storage Bin—Adjacent to front passenger seat _____	S	S	S
Sun Visors—Vinyl-covered _____	S	S	S
Outside Temperature Gauge _____	S	S	S
Trim Colors/Accents—Gray _____	S	S	S
Warning System—Headlight on, driver's seat belt only _____	S	S	S
Low Wash Indicator _____	O	O	O
Windows			
Power, driver and passenger _____	O	O	O
Fixed in roof (two on 158-inch WB model) _____	—	O	—

continued

FEATURE AVAILABILITY

	Passenger Van	Cargo Van	Cab/ Chassis
POWERTRAIN AND CHASSIS			
Engine—2.7-liter, inline five-cyl. Direct injection turbodiesel _____	S	S	S
Transmission—Five-speed automatic transmission _____	S	S	S
Brakes—Four-wheel, anti-lock disc with electronic brake distribution _____	S	S	S
Maintenance Computer—ASSYST _____	O	O	O
Transmission Oil Cooler _____	S	S	S
Speed Control _____	O	O	O
Steering—Power-assisted rack and pinion servo _____	S	S	S
Suspension—Independent front suspension with wishbone and shock absorber with strut, transverse mono-leaf spring, and stabilizer bar (stabilizer bar for 8,550 lb. GVWR only). Rear longitudinal parabolic leaf spring with stabilizer bar (2500 and 3500 Models) _____	S	S	S
Tires—8,550 lb. GVWR: 225/70R15 BSW all-season radials (118" wheelbase); 225/75R16 BSW all-season radials (140" & 158" wheelbase) 9,990 lb. GVWR: 195/70R15 BSW all-season radial _____	S	S	S
Wheels—8,550 lb. GVWR: 15" x 6" steel (118" wheelbase); 16" x 6" steel (140" & 158" wheelbase); 9,990 lb. GVWR: 15" x 5" steel _____	S	S	S
Dual Rear Wheels (3500 Cargo Van & Cab/Chassis) _____	—	S	S
SAFETY AND SECURITY			
Alarm, Rear _____	O	O	O
Center-High Mounted Stop Lamp (CHMSL) _____	S	S	—
Daytime Running Lamps _____	O	O	O
Keyless Entry System—Remote, includes door lock and unlock _____	O	O	O
Restraint Systems			
Air bags(a) Driver and front passenger _____	S	S	S
Front: Three-point belts with pretensioner _____	S	S	S
Rear: Three-point belts _____	S	S	—
Security—Anti-Theft Alarm (must have Power Convenience Group) _____	O	O	O
Warning Chime—Headlamps-on, driver's seat belt _____	S	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.

continued

FEATURE AVAILABILITY

	Passenger Van	Cargo Van	Cab/Chassis
EQUIPMENT GROUPS			
Accessory Group—Includes front reading lamps and front passenger assist handle _____	0	0	0
Auxiliary Front Heating Group—Includes auxiliary front heater and timer _____	0	0	
Cargo Group I—(Van) Includes cargo partition, full-height washable cargo wall panels and rear grab handles _____	—	0	—
Cargo Group II—(Van) Includes cargo partition, full-height laminated wood cargo wall panels and rear grab handles _____	—	0	—
Cargo Group III—(Van) Includes cargo partition, half-height laminated wood cargo wall panels and rear grab handles _____	—	0	—
Comfort Seating Group—(Van) Includes luxury driver and passenger bucket seats, manual lumbar support _____	—	0	0
Cooling Group—(Wagon) Rear heavy-duty air conditioning and 150-amp alternator _____	0	—	—
Maintenance Group—Includes low washer warning lamp, Maintenance Monitoring System, air filter restriction indicator (ASSYST) _____	0	0	0
Power Convenience Group—(Wagon) Includes remote keyless entry, power door locks, power windows _____	0	—	—
Power Convenience Group—(Van) Includes remote keyless entry, power door locks, power windows and power heated mirrors _____	—	0	0
Trailer Tow Group—Includes 5,000-lb. rated hitch and wiring harness _____	0	0	0
Window Group I—(Van) Includes rear windows with defroster, day/night rearview mirror _____	—	0	—
Window Group II—(Van) Includes rear windows with defroster, day/night rearview mirror, window in right sliding door _____	—	0	—
Window Group III—(Van) Includes rear windows with defroster, day/night rearview mirror, right sliding door window, left side front window _____	—	0	—
Window Group IV—(Van) Includes rear windows with defroster, day/night rearview mirror, right sliding door window, left side front, center and rear windows, right center and rear windows _____	—	0	—

continued