

FORD B-SERIES



1983 FORD B-SERIES CHASSIS

Look to Ford's line of B-Series Chassis to provide economical school bus service. There's a chassis in the size you need, equipped to your exact specifications. The B-Series meets or exceeds National Education Association standards.*

The right size school bus for your needs may be 36 passengers or up to 72 passengers. Ford School Bus Chassis are available in three series that cover this range—B-600, B-700 and new B-7000.

Gas, LP-Gas** or diesel provides the fuel economy tight budgets demand. Lima 6.1L and 7.0L V-8's are modern, energy-efficient gas engines. Special order versions equipped for economical liquid propane gas (LPG) are also available for use in certain areas. The 8.2L "Fuel Pincher" diesel, available in B-600/700, demonstrated a 94% better fuel economy rating in Ford tests than comparably equipped gas-powered trucks in similar applications.† In the new B-7000, the 3208N series diesel is standard.

Tough construction is the backbone of the B-Series Chassis. (A) Ford's full-channel straight-through frames are constructed of up to 110,000 psi hi-tensile steel. Top flanges are rivet-free for easy body installation.†† (B) Standard suspension features long front springs and progressive leaf-type rear springs with rubber bushings, plus shock absorbers front and rear.

Other notable features of the B-Series Chassis: Sturdy steel-reinforced, rust-free fiberglass grille opening panel and front fender with a distinctive ABS-molded grille

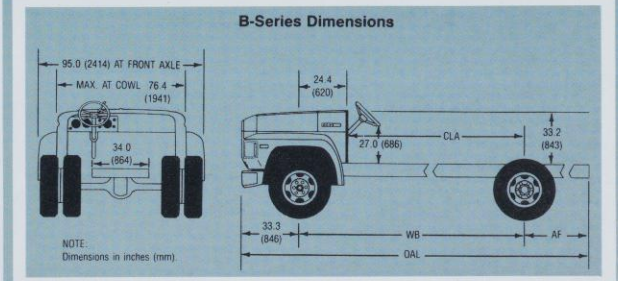
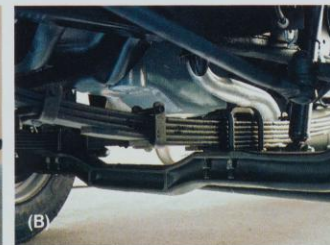
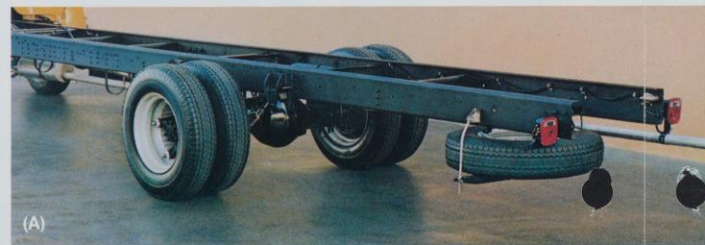
- Wide-track front axles with wheel cuts up to 45 degrees
- Power steering standard
- Power split brake system
- Halogen headlights
- Fan clutch standard with the 7.0L (429) V-8 gas engine and 8.2L (500) V-8 diesel engine, available with the 6.1L (370) gas V-8
- Standard 75-amp. alternator
- 8,000-lb. front axle option on B-600, standard on B-700 and B-7000.

* Optional fender undercoating (dealer-installed) and matching front and rear tires (optional) may be required to meet N.E.A. standards.

** PEO (pre-engineered option)

† Your mileage may vary depending on how you use your vehicle.

†† Tail lamps in photo are owner-installed.



B-Series Chassis Selector

Maximum Number of Passengers*	Chassis Series	WB In.(mm)	CLA In.(mm)	AF In.(mm)	OAL In.(mm)
36	B-600	151(3,840)	126.8(3,220)	104.3(2,649)	288.8(7,335)
48		193(4,900)	168.5(4,280)	111.4(2,830)	337.6(8,576)
54		217(5,510)	192.5(4,890)	129.5(3,289)	379.7(9,645)
60		237(6,020)	212.6(5,400)	132.2(3,358)	402.5(10,224)
60	B-700/7000	237(6,020)	212.6(5,400)	132.2(3,358)	402.5(10,224)
66		256(6,480)	230.7(5,860)	146.4(3,719)	434.8(11,045)
72		276(6,990)†	250.8(6,370)	135.8(3,449)	444.3(11,285)

*Dimensions (in./mm) are for base models w/standard equipment. †75" wb. req. additional min. equip.

**Check with bus body supplier as the capacity may be less due to seat spacing, body length, state requirements, etc.

B-Series Specifications

SERIES		B-600	B-700	B-7000
GVW RATING: lb. (kg)	Max.	25,500(11,566)	27,500(12,474)	27,500(12,474)
CAPACITY (passengers)	Range	36-60	60-72	60-72
AXLE, FRONT: Rating (lb.)	Std.	6,000	8,000	8,000
	Opt.	8,000	9,000	9,000
AXLE, Rear: Rating (lb.)	Std.	15,000	17,500	17,500
	Opt.	13,000, 17,500	17,500, 18,500 (19,000 special order)	17,500, 18,500 (19,000 special order)
BRAKES, SERVICE, Self-adjusting with split hydraulic brake system	Std.	Power-Hydr.	Power-Hydr.	Power-Hydr.
	Opt.	—	Air	Air
BRAKES, PARKING, With Orscheln parking brake lever	Std.	Internal Shoe	Internal Shoe	Internal Shoe
	Opt.	—	Spring-Set w/Air Brakes	Spring-Set w/Air Brakes
ELECTRICAL SYSTEM	Battery	Std. 380 CCA (45 amp-hr.) Opt. 1, 2 or 3 475 CCA (71 amp-hr.)	Std. 380 CCA (45 amp-hr.) Opt. 1, 2 or 3 475 CCA (71 amp-hr.)	Std. Dual 825 CCA (93 amp-hr.) Opt. Three 625 CCA (93 amp-hr.)
	Alternator	Std. 75 amp. Opt. 60, 90, 105, 130 amp.	Std. 75 amp. Opt. 60, 90, 105, 103 amp.	Std. 75 amp. Opt. 60, 90, 105, 130 amp.
ENGINES		Std. 6.1L (370) 2V V-8 Opt. 6.1L (370) 4V V-8 8.2L-N (500) V-8 Diesel††	Std. 6.1L (370) 2V V-8 Opt. 6.1L (370) 4V V-8 7.0L (429) 4V V-8 8.2L-N (500) V-8 Diesel†† 8.2L-T (500) V-8 Diesel††	Std. 3208N Diesel (175 hp) Opt. 3208N Diesel (210 hp) 3208N Diesel (200 hp—Cal.)
CLUTCH (Dia. in.)	Std.	13	13	14
TRANSMISSIONS (Direct)	Std.	4-Spd.	4-Spd.	5-Spd.
	Opt.	4-Spd., 5-Spd., 4-Spd. Auto.	5-Spd., 4-Spd. Auto.	5-Spd., 4-Spd. Auto.
FRAME (Section Modulus)	Std.	7.6 (10.2 w/237" wb.)	10.2 (10.8 w/275" wb.)	10.2 (10.8 w/275" wb.)
SHOCK ABSORBERS	Std.	Front & Rear	Front & Rear	Front & Rear
SPRINGS, FRONT: Capacity @ Grd. (lb.)	Std.	3,425	4,500	4,500
SPRINGS, REAR: Capacity @ Grd. (lb.)	Std.	7,500	9,125	9,125
	Opt.	9,125 (w/15,000 axle) 10,590 (except 13,000 axle)	10,590	10,590
POWER STEERING	Std.	Std.	Std.	Std.
WHEELS	Std.	Cast Spoke	Cast Spoke	Cast Spoke
	Opt.	6- or 10-Hole Disc	6- or 10-Hole Disc	6- or 10-Hole Disc
TIRES: (Tube-Type—Nylon)	Std.	8.25 x 20 10PR	9.00 x 20 10PR	9.00 x 20 10 PR
	Opt.	8.00 x 20 12PR	10.00 x 20 12PR	10.00 x 20 12PR

ADDITIONAL STANDARD EQUIPMENT—Flat-Face Cowl, Chrome Yellow Paint, Emergency Lamp Flasher, Front and Rear Turn Signals, Halogen Headlamps.

ADDITIONAL OPTIONAL EQUIPMENT—Hydraulic Jack, Spare Wheel Carrier, Spare Wheel and Tire, Front Tow Hooks, plus other special options for specific needs. See your dealer for details.

†Tubeless — including radials are available.

††Includes 14" dampened disc ceramic clutch, engine oil cooler and two 475 CCA batteries.

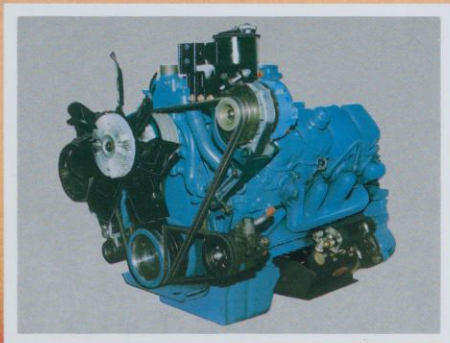
‡Minimum optional tires 7.50 x 20 10PR. Use adequate tires for loads and type of service. Consult your Ford dealer.

Ford School Bus Chassis

"Fuel Pincher" Diesel

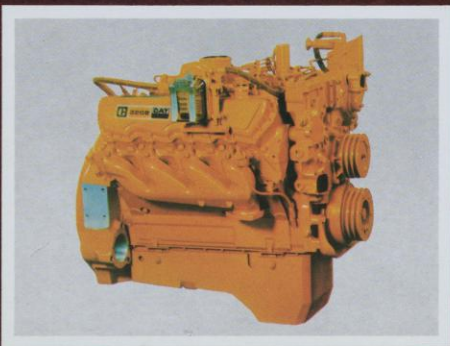
The modern 8.2L Detroit Diesel engine can provide up to double the mileage of a gas-powered engine, according to Ford tests.* The "Fuel Pincher" diesel, practical in many school bus applications, is available in naturally aspirated and turbocharged versions.

*Your mileage may vary depending on how you use your vehicle.



3208 Series Diesel

The Caterpillar 3208N diesel is standard in the new B-7000 series. It's designed for simplified operation, has high torque rise for excellent performance. The 3208N is available in 175, 200 (Calif.) and 210 horsepower ratings.



Ford Econolines For School Buses

Ford E-350 Econoline Super Vans (Cargo or Window) are available with a School Bus Body Builder Preparation Package that includes: 60-amp. alternator, 68 amp-hr. battery, Soft Ride springs, courtesy light door switches, rear door latch/lock, banded and tinted main front door glass. Bright 9" x 6" (229 mm x 152 mm) western swing-out mirrors are required.

School Bus Body Builder Preparation Packages of varying content are also available on Ford E-350 Commercial Cutaway Chassis.

Bus conversions can be completed by various manufacturers to meet your school's requirements.



Specifications, descriptions and illustrative material contained herein were as accurate as known at the time this publication was approved for printing. Ford Division reserves the right to discontinue models or options at any time or change specifications and materials, equipment or design without notice and without incurring obligation. All options and accessories illustrated or referred to as optional or available are at extra cost. Some options are required in combination with other options. For the price of the model with the equipment you desire or verification of specifications contained herein, see your Ford Dealer.

Federal regulations such as those issued by the National Highway Traffic Safety Administration, the Environmental Protection Agency or the Federal Highway Administration or issued pursuant to the Occupational Safety and Health Act (OSHA), and/or state and local laws and regulations, may require additional equipment for the particular use you intend for the vehicle. It is the buyer's responsibility to determine the applicability of such laws and regulations to the buyer's intended use for the vehicle, and to arrange for the installation of required equipment. Your Ford Dealer has information about the availability of many items of equipment which can be ordered for the vehicle.

Many of the items shown on vehicles in this publication are available through retail organizations and establishments not connected with Ford Motor Company. Availability, price, quality and durability of these items rest solely with the respective manufacturers and their sales organizations, and Ford assumes no responsibility for their use.

Get It Together... Buckle Up.

FORD B-SERIES

TRUCK OPERATIONS

