

# 1989 FORD CHASSIS-CAB





## F-SERIES

**F**ord incomplete vehicles are offered in three configurations: (1) E-350 and F-Super Duty Stripped Chassis (2) F-350 and F-Super Duty Chassis-Cabs and (3) E-350 Cutaway Vans.

Ford has significantly expanded its stripped chassis line for 1989 with the addition of 16,000-pound GVWR F-Super Duty chassis models for commercial and motorhome applications.

#### NEW FOR 1989: F-SUPER DUTY COMMERCIAL AND MOTORHOME STRIPPED CHASSIS MODELS

The Commercial Chassis is powered by the standard 7.3L diesel combined with a close-ratio 5-speed manual over-

drive transmission. Four-wheel disc brakes make it ideal for multi-stop delivery applications.

The F-Super Duty Motorhome (late availability) provides outstanding ride and handling for Class "A" Motorhome applications. It's powered by the 7.5L V-8 EFI engine combined with the 4-speed, automatic overdrive transmission.

#### F-SUPER DUTY CHASSIS-CAB

The F-Super Duty, with a 14,500-lb. GVWR, is the workhorse in the F-Series lineup. Designed to fill the gap between the F-350 and Ford's medium-duty trucks, the F-Super Duty is powered by the 7.5L V-8 with a 7.3L diesel option. GCWR's for towing applications go up to an

impressive 26,000 pounds with the 7.5 engine and 17,000 pounds with the diesel.

The beefy F-Super Duty chassis-cab is available in two wheelbases (137 and 161 inches) and features a maximum 9,250-pound payload; an 11,000-pound rear axle; a standard 5-speed manual overdrive transmission (with optional 4-speed automatic overdrive†) plus four-wheel power disc brakes.

#### F-SERIES SUSPENSIONS

Suspensions are built to handle tough work. Twin-I-Beam front axles on F-Series 2WD (except F-Super Duty) have GAWR's up to 4,200 pounds. Caster and camber are adjustable for precise alignment.

Rugged monobeam front axles on 4WD and F-Super Duty 2WD trucks carry up to 5,000-pound GAWR's.

#### FUEL-INJECTED POWERPLANTS

Multiple-port electronically controlled fuel injection (EFI) is standard on all F-Series gasoline engines from the 4.9L in-line six cylinder and the 5.8L V-8, up to the 7.5L V-8. If you need diesel muscle, select the biggest with most horsepower engine offered in its class — the 7.3L V-8.

#### AMBULANCE PREP PACKAGES\*

**F-350:** ☐ 2WD/4WD (DRW) Chassis-Cabs ☐ 11,000-lb. GVWR ☐ 4,200-lb. front GAWR 2WD/4,600-lb. front GAWR 4WD ☐ 137"/161" WB ☐ Requires 7.3L Diesel ☐ 165 amp. alternator ☐ Super cool radiator ☐ Auxiliary transmission oil cooler ☐ Air conditioning ☐ Handling Package ☐ Auxiliary fuel tank  
**F-Super Duty:** ☐ 14,500-pound GVWR ☐ 5,000-pound monobeam front axle ☐ 137"/161" WB ☐ Requires 7.3L Diesel ☐ 5.13 axle ratio ☐ 165 amp. alternator ☐ Auxiliary transmission cooler ☐ Auxiliary fuel tank ☐ Super cooling

†Late availability. Automatic (C-6) transmission will be used prior to availability.

\*Ford vehicles are suitable for producing ambulances only if equipped with the Ford Ambulance Prep Package. Use of any other vehicle for ambulance manufacture will void the Ford warranty.

**F-Super Duty 4x2 Dual Rear Wheel** with a utility stake bed shown in Colonial White.



## F-SERIES SPECIFICATIONS F-SERIES DIMENSIONS



**F-Series Chassis-Cabs** are available in two trim levels, XL and Custom. The speed control/tilt steering wheel, shown here with Custom trim, is a popular option.



**Chassis-Cab interior** bench seat with Custom trim.

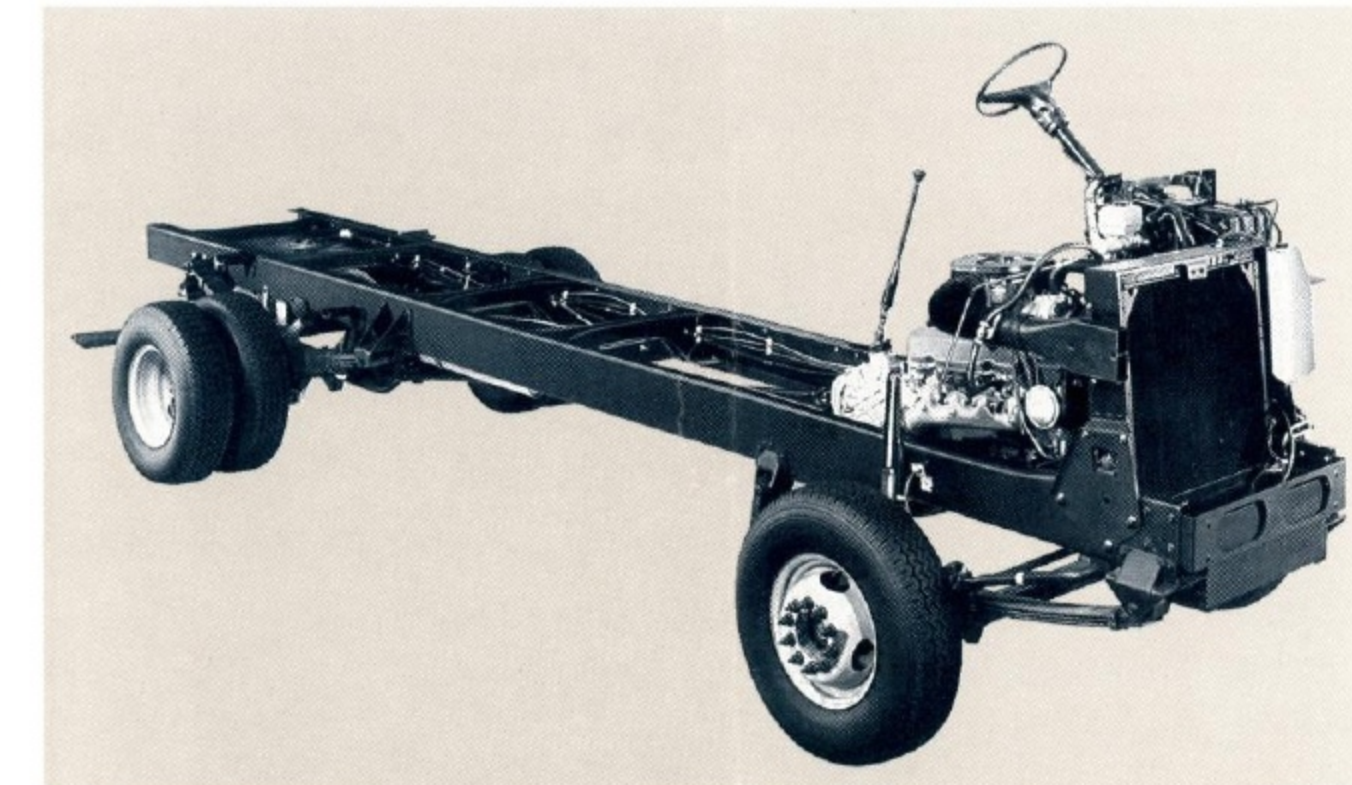
Some equipment shown or described in this catalog is available at extra cost or through retail organizations and establishments not connected with Ford Motor Company.

#### F-SERIES SPECIFICATIONS

	F-350 4x2 SRW	F-350 4x2 DRW	F-350 4x4 SRW	F-350 4x4 DRW	F-Super Duty 4x2 DRW	Commercial Stripped 4x2 DRW	Motorhome Stripped 4x2 DRW
Wheelbase (in.)	133	137 161	133	137/161	137/161	158	178/208
GVWR (lb.)	Std. 8,800 Opt. —	10,000 10,000 11,000 11,000	8,800	11,000	14,500	16,000	16,000
Payload (lb.)	Std. 4,985 Opt. —	5,855 5,755 6,730 6,630	4,245	6,100/5,970	9,250/9,165	10,530	10,490/10,380
Axles (lb.)	Front 4,200 Rear 6,250	4,200 8,250 4,200 8,250	5,000	5,000	5,000	6,000	6,000
Springs (combined rating @ ground)	Front 2,915 Rear 7,589	3,215 3,215 8,358 8,358	3,400	4,100	5,000	6,000	6,000
Shock absorbers	Twin-tube gas-pressurized						
Engines	Std. 4.9L EFI I-6 (1) Opt. 5.8L EFI V-8 7.3L V-8 Diesel 7.5L EFI V-8	4.9L EFI I-6 (1) 5.8L EFI V-8 7.3L V-8 Diesel 7.5L EFI V-8	7.5L EFI V-8 7.3L V-8 Diesel	7.5L EFI V-8 7.3L V-8 Diesel	7.5L EFI V-8 7.3L V-8 Diesel	7.3L V-8 Diesel	7.5L EFI V-8
Transmissions	Std. — Opt. —	5-speed manual overdrive Automatic overdrive (6)					Automatic overdrive
Fuel tank (gal.)	Std. — Opt. —	19 (single tank) 20 with 7.3L diesel 38 (dual tanks) 39 with 7.3L diesel (5)					40 75
Steering and brakes	Std. —	Power-assisted					—
Electrical, Battery (amp-hr.)(2)	Std. 72 Opt. 84, Dual 84 (3)	84, Dual 84 (3)	84, Dual 84 (3)	84, Dual 84 (3)	Dual 84 (3)	Dual 84	72
Alternator (amp.)	Std. 60(4) Opt. —	60(4)	75(4)	75(4)	75(4)	100	100
Tires (min. rate)	Std. Four LT235/85R-16E All-season Opt. Optional tires in sizes to match Payload/GVWR requirements. Use adequate tires for loads and type of service. Consult your Ford Dealer.	Six LT215/85R-16D All-season	Four LT235/85R-16E All-season	Six LT235/85R-16E All-season			
Wheels (min. rate)	Std. —	8-hole disc, 16x6K					10-hole disc, 16x6K

Note: Load rating represents maximum allowable weight of people, cargo and body equipment, and is reduced by weight of optional equipment.

(1) Not available in California. (2) Maintenance-free battery. (3) Dual 84 amp-hr. batteries available and included with 7.3L V-8 Diesel only. (4) 70 amp. included with 7.3L V-8 Diesel. 75 amp. with all other engines. (5) With 133 WB dual tank capacity is 37.2/38.2 gals. (6) Late availability.



**F-Super Duty Stripped Chassis**, with a 16,000 GVWR are available in Commercial and Motorhome models (Commercial model shown).

#### F-SERIES DIMENSIONS

Series	Wheelbase	Overall Length	Cab-Rear Axle Length	Rear Axle-Frame Length	Frame Height (Empty/Loaded)	Axle Height (Loaded)	Tread Width (Front/Rear)	Cab Height (1) (Empty)
F-350 4x2 Single Rear Wheels	133"	203.9"	56.2"	40.5"	26.6/20.4"	8.17"	65.7/64.3"	74.3"
F-350 4x2 Dual Rear Wheels	137"	205.8"	60.0"	38.5"	24.5/20.8"	7.54"	65.7/67.1"	73.5"
F-350 4x4 Single Rear Wheels	161"	238.8"	84.0"	47.5"	24.4/20.7"	7.54"	65.7/67.1"	73.2"
F-350 4x4 Dual Rear Wheels	133"	203.9"	56.2"	40.5"	30.7/24.2"	8.17"	67.9/64.3"	78.7"
F-350 4x4 Dual Rear Wheels	137"	205.8"	60.0"	38.5"	28.9/25.1"	8.17"	67.9/67.1"	78.0"
F-350 4x4 Dual Rear Wheels	161"	238.8"	84.0"	47.5"	28.9/25.1"	8.17"	67.9/67.1"	78.0"
F-Super Duty Dual Rear Wheels	137"	205.8"	60.0"	38.5"	31.65/29.7"	7.61"	67.0/69.7"	77.5"
F-Super Duty Commercial Stripped Chassis	161"	238.8"	84.0"	47.5"	31.65/29.7"	7.61"	67.0/69.7"	77.5"
F-Super Duty Motorhome Stripped Chassis	158"	263.3"	—	70.0"	33.4/26.4"	7.2"	71.7/71.7"	—
F-Super Duty Motorhome Stripped Chassis	178"	317.7"	—	105.8"	—	7.2"	71.7/71.7"	—
F-Super Duty Motorhome Stripped Chassis	208"	347.7"	—	105.8"	—	7.2"	71.7/71.7"	—

(1) Height represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.



ECONOLINE

Econoline Cutaways give you the front end sheet metal and interior compartment of the Econoline Van. They're the only cutaways on the market with body-on-frame construction plus Twin-I-Beam independent front suspension.

ECONOLINE FOR WORK OR RECREATION

Ford offers two regular production Dual Rear Wheel models: the Commercial Cutaway for business applications, and the RV Cutaway for recreational use.

ECONOLINE STRIPPED CHASSIS MODELS

The Econoline Stripped Chassis comes without the body, dri-

ver's compartment and front end sheet metal — allowing you to add the aftermarket body of your choice.

The Commercial Stripped Chassis is offered in Single or Dual Rear Wheels. A 3.4L Turbo Diesel engine is available in the Commercial Chassis on a Special Order basis for 1989. RV Stripped Chassis Special Order models are Dual Rear Wheel.

FOUR TOUGH POWERPLANTS

The three gasoline engines offered within the Econoline Series — the 4.9L, 5.8L and 7.5L — all feature multiple-port electronically controlled fuel injection. The benefit: precise fuel metering for good fuel economy, enhanced overall response plus easy start up in extreme temperatures.



Econoline RV Cutaway features dual rear wheels and a payload capacity up to 6,270 pounds (11,000-lb. GVWR).

The 7.3L diesel is the biggest and most powerful engine in its class.

SCHOOL BUS BODY BUILDER PREP PACKAGE

The School Bus Prep Package, available on the E-350 138-inch WB Commercial Cutaway and E-350 Econoline Vans, includes: Comfort Ride Suspension (Vans) □ Heavy-duty front springs □ Banded front door main glass □ Dual electric horns □ Swing-out rear door glass (Vans) □ RH seat delete. Bus conversions designed to meet NEA standards can be built by various manufacturers to your own specs.

NEW FOR 1989: ELECTRONICALLY CONTROLLED AUTOMATIC TRANSMISSION (E40D)†

The 4-speed E40D is designed to achieve improved performance and "shift feel" over vacuum-controlled transmissions. The E40D features a dash-mounted Overdrive Cancel Switch to cancel upshift to overdrive gear at the driver's discretion — a real plus in heavy-duty applications.

†Late availability. Automatic (C-6) transmission will be used prior to availability.

ECONOLINE SPECIFICATIONS  
ECONOLINE DIMENSIONS

Available on the E-350 Cargo and Super Vans and on E-350 Commercial and RV Cutaways, the Econoline Heavy-Duty Service Package includes: Super engine cooling □ Auxiliary transmission oil cooler □ Dual electric horns □ Front stabilizer bar (Vans) □ Heavy-duty front springs □ 100-amp. alternator □ Additional battery tray (gas engines) □ Comfort Ride Suspension (Van/RV Cutaway)

ECONOLINE E-350 AMBULANCE PREP PACKAGE\*

**RV Cutaway:** 10,500/11,000-lb. GVW □ 4,200-lb. front GAWR □ 138"/158"/176" WB □ Requires 7.3L (D) with automatic transmission — only powertrain available □ 4.10 limited-slip rear axle □ 165 amp. alternator □ Aux. trans. oil cooler □ Front A/C □ Handling Package □ Front stabilizer bar □ Dual electric horns  
**Vans:** 9,500/9,000-lb. GVWR □ 4,200-lb. front GAWR □ 138" WB □ Requires 7.3L (D) and automatic transmission — only powertrain available □ 4.10 limited-slip rear axle □ 165 amp. alternator □ Aux. trans. oil cooler □ Front A/C □ Dual electric horns □ Handling Package □ Swing-out recreational mirrors □ Fixed/tinted side/rear cargo door glass

ECONOLINE SPECIFICATIONS

Series	Cutaway		Stripped Chassis	
	Commercial E-350 DRW	RV E-350 DRW	Commercial E-350 SRW/DRW	RV E-350 DRW (2)
GVWR Range (lb.)	10,300-10,700 10,800 (2)	10,500-11,000	9,400-10,000	11,500
Payload Range (lb.)	5,845/6,210	5,875/6,270	5,860/6,210	7,475
Axles (lb.)	Front	4,200	4,200	4,200
	Rear	7,400	6,340 (SRW) 7,800 (DRW)	8,000
Springs — Minimum (combined rating @ ground)	Front	2,950	3,250	4,200
	Rear	7,780	7,480	7,800
Steering and Brakes	Power	Power	Power	Power
Electrical, Batteries (amp-hr.)	Std.	71	71	71
	Opt.	81, Dual 83 (diesel)(3)	81, Dual 83 (diesel)(3)	—
Alternators (amp.)	Std.	60 (min.)	60 (min.)	100
	Opt.	100(4)	100(4)	—
Engines	Std.	5.8L EFI V-8	5.8L EFI V-8	4.9L EFI I-6(1)
	Opt.	7.3L V-8 Diesel, 7.5L EFI V-8	7.3L V-8 Diesel, 7.5L EFI V-8	7.5L EFI V-8, 3.4L Diesel 5.8L EFI V-8, (2)(8)
Transmissions	Std.	Automatic (C6)(7)	Automatic (C6)(7)	5-speed manual O.D.
	Opt.	Automatic O.D. (E40D)(5)(6)(9)	Automatic O.D. (E40D)(5)(6)(9)	Automatic (C6)
Fuel Tank (gal.)	Std.	36.0	36.0	36.0
	Opt.	—	—	—
Tires (min. rate)	Std.	LT215/85R-16D	LT215/85R-16D	LT215/85R-16D
	Opt.	Optional tire sizes available to match Payload/GVWR requirements. Use adequate tires for loads and type of service. Consult your Ford Dealer.		
Wheels (number) Type/Rim Size	Six 8-hole disc 16x6K		Four 8-hole disc 16x6K w/SRW; Six w/DRW	Six 8-hole disc 16x6K

Note: Load rating represents maximum allowable weight of people, cargo and body equipment, and is reduced by weight of optional equipment.  
(1) Not available in California. (2) Available through Dealer Special Order (DSO). (3) Standard and available with 7.3L diesel only. (4) Included with Heavy-Duty Service Package. (5) Late availability. (6) 4-speed Auto O.D. (E40D) available standard with 7.3L diesel. (7) Automatic (C-6) Standard w/7.3L diesel only until 4-speed auto O.D. (E40D) is available. (8) Available w/5-speed manual O.D. (close-ratio) transmission only. (9) Late availability.

ECONOLINE DIMENSIONS

Series	Wheelbase	Overall Length	Rear Wheels	Axle Height Loaded	Frame Height		Cab Height	
					Empty	Loaded	Empty	Loaded
E-350 Commercial Cutaway	138"	232.4"	Dual	7.4"	26.5"	22.3"	79.0"	76.0"
	158"	252.4"	Dual	7.4"	27.2"	21.7"	79.1"	75.7"
	176"(1)	251.5"	Dual	7.4"	25.7"	22.2"	82.1"	80.0"
E-350 RV Cutaway	138"	232.4"	Dual	7.4"	30.8"	26.0"	83.3"	80.0"
	158"	252.4"	Dual	7.4"	30.7"	26.0"	82.9"	79.9"
	176"	251.5"	Dual	7.4"	30.8"	26.0"	83.3"	79.9"
E-350 Commercial Stripped Chassis	138"	233.8"	Single	8.5"	26.1"	23.0"	77.3"	74.2"
	158"	253.8"	Single	8.5"	26.1"	23.0"	77.3"	74.2"
	158"	253.8"	Dual	7.4"	25.5"	22.4"	76.7"	73.6"
	158"(2)	253.8"	Dual	7.4"	25.5"	22.4"	76.7"	73.6"

(1) Special Order. (2) RV Stripped Chassis, Special Order.

□ Comfort Ride Suspension Package (Package NA with HD Service Package) □ Special Vehicle labels □ Mid-ship fuel tank shield assembly

\*Ford vehicles are suitable for producing ambulances only if equipped with the Ford Ambulance Prep Package. Use of any other vehicle for ambulance manufacture will void the Ford warranty.



E-350 Ambulance Prep Package, with ambulance body.



# OWNER INFORMATION

**F**ord's powertrain warranty covers all 1989 cars and light trucks for 6 years or 60,000 miles, whichever comes first. This limited warranty covers major powertrain components. Certain restrictions and deductible apply. Ask your dealer for a copy.

## 6-YEAR/100,000-MILE CORROSION PROTECTION

Corrosion warranty coverage for body panel rust-through is 6 years or 100,000 miles, whichever comes first. See your Ford Dealer for details and a copy of this limited warranty.

Participating Ford Dealers are now offering the Lifetime Service Guarantee, which guarantees their customer-paid work on your Ford vehicle for as long as you own it. This means that the covered repair is paid for once — and never again. If it ever has to be fixed again, the repairing dealer will fix it free. Free parts. Free labor. Even if the vehicle is kept a lifetime. It doesn't matter where it was purchased, or whether it was new or used; the work is still covered by the repairing dealer.

Ask to see this limited warranty when you visit your participating Ford Dealer.

### **Ford-paid repair programs after the warranty period**

Sometimes Ford offers adjustment programs to pay all or part of the cost of certain repairs. These programs are intended to assist owners and are in addition to the warranty or to required recalls.

### **Technical Service Bulletins**

All vehicles need repairs during their lifetime. Sometimes Ford issues technical service bulletins (TSBs) and easy-to-read explanations describing unusual engine or transmission conditions which may lead to costly repairs, the recommended repairs, and new repair procedures. Often a repair now can prevent a more serious repair later.

### **For more information...**

Ask Ford Motor Company or your Ford or Lincoln-Mercury, Scorpio, XR4Ti Dealer about Ford's paid repair programs and/or TSBs relating to your vehicle.

To get copies of materials for your vehicle or the vehicle of interest to you: Call Ford toll-free at 1-800-241-3673. Alaska/Hawaii call 1-800-241-3711 and in Georgia call 1-800-282-0959.

Or write Ford at:

Ford Customer Information System  
Post Office Box 95427  
Atlanta, Georgia 30347

We'll need your name and address; year, make, model and vehicle identification number, as well as engine size.

### **Important Information**

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.

*Federal highway regulations such as those issued by the National 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 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 the required equipment. Your Ford Dealer has information about the availability of many items of equipment which can be ordered for the vehicle.*

*Specifications, illustrations and descriptive materials herein were 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 specification and materials, equipment and design without notice and without incurring obligation. All options or accessories illustrated 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 for verification of specifications contained herein, see your Ford Dealer.*

