

1981 FORD



C-SERIES



**FORD! BEST-SELLING
BIG TRUCKS.**

FORD! AMERICA'S BEST-SELLING MEDIUM AND HEAVY TRUCKS!*

Popular C-Series tilt cab trucks . . . they're important reasons for Ford's continued sales leadership in the overall medium-duty and heavy-duty truck market combined.

And for '81, Ford offers the newest and lowest priced diesel in C-Series trucks—the Detroit Diesel 8.2L Fuel Pincher V-8. And it's priced to be affordable even for low mileage usage. Fuel Pincher diesel parts and service are available nationally through a network of selected Ford Dealers. In addition, the proven and popular Caterpillar 3208 Series diesels, Ford Lima V-8 and Super Duty V-8 gas engines round out your fuel-efficient engine choices.

Ford C-Series is a tough breed of low-cab tilt. Cab-over-engine design allows an extra roomy cab with a short 82.5-in. (86.6-in. with DDA 8.2L diesel and 90.8-in. with Caterpillar diesel) bumper-to-back-of-cab (BBC). You get spacious interior comfort, while the short BBC allows larger loads and longer bodies or trailers within the same overall length as long conventionals.

Set-back front axle permits up to 1,000 lb. more payload on the front axle than is possible with most conventionals. And the entire cab tilts forward for easy service accessibility.

For '81, popular Ford CT-800 tandems feature the DDA 8.2L diesel as standard.

Also, this diesel is now available in the C-800 along with the new 18,500 lb. Spicer two-speed rear axle.

*Best sellers for 22 straight years in the over 14,000 lb. GVWR range, based on R.L. Polk & Co. registrations.

Fuel-efficient options.

To help cope with today's rising fuel costs, Ford has concentrated on fuel-efficient design. Features like the modern Lima V-8 gas engines, DDA 8.2L Fuel Pincher V-8 and Caterpillar 3208 Series diesels. The C-Series fresh-air intake system—which supplies cool, dense outside air for efficient engine operation. In addition, you have a choice of fuel-efficient options like:

overdrive or automatic transmissions and steel-belted radial tires to match your requirements.

New diesels.

The modern 8.2L Detroit Diesel powered truck is the newest and lowest priced diesel C-Series Ford offers. They're now affordable for many low mileage applications. And they're easy to drive—beginning with simple key-starting. Transmissions include automatics. Diesel is available in naturally aspirated or turbocharged versions.

Substantially better fuel economy.

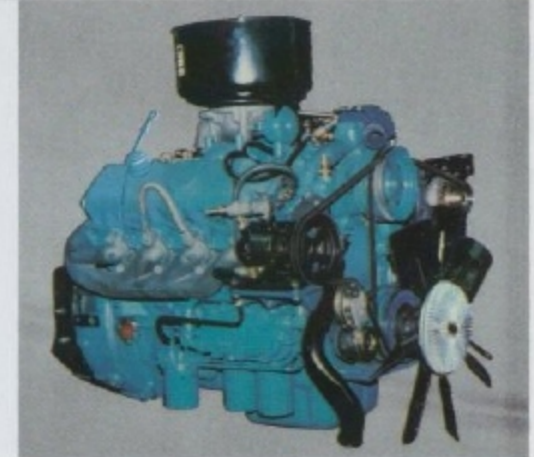
In Ford fuel economy tests, the DDA 8.2L Fuel Pincher diesel demonstrated 94% better fuel economy than comparably equipped gas-powered trucks in similar

DIESEL

applications. Your improvement will vary depending on how you use your truck.

Additional fuel savings at idle.

The 8.2L "Fuel Pincher" shares the traditional idling efficiency of diesel engines, which normally use only one-third the fuel while idling as comparable gas engines.



DDA 8.2L Fuel Pincher Diesel

Helping to make fuel go farther for America.



FORD! BEST-SELLING BIG TRUCKS.

ROOM WITH A VIEW, COMFORT AND CONVENIENCE.

When it comes to driver/passenger room, the Ford C-Series tilt is one big cab. Large door openings and convenient inboard steps make getting in and out easy. The spacious and comfortable cab has ample room for three husky people on the full-width seat.

Deep wraparound tinted windshields and side ventilator wing windows provide an expansive glass area. Two-speed electric windshield wipers are standard. And the optional dual parallel-action two-speed electric windshield wipers clear a large parallelogram area.

1. Easy-to-read instrumentation.

The Custom Cab has an attractive instrument cluster with bright trim, and convenient operating controls. Handy Orscheln parking brake lever is standard with hydraulic brakes on all C-Series. Optional tachometer is shown.

2. Custom Cab.

The Ford Custom Cab provides numerous comfort and appearance features. The full-width seat is upholstered

in breathable knitted vinyl. On all 900, 7000, 8000 and sleeper cabs, the standard heavy-duty black vinyl trim is retained. Also included are a fold-down driver's armrest, bright trimmed instrument cluster and bright windshield moldings.

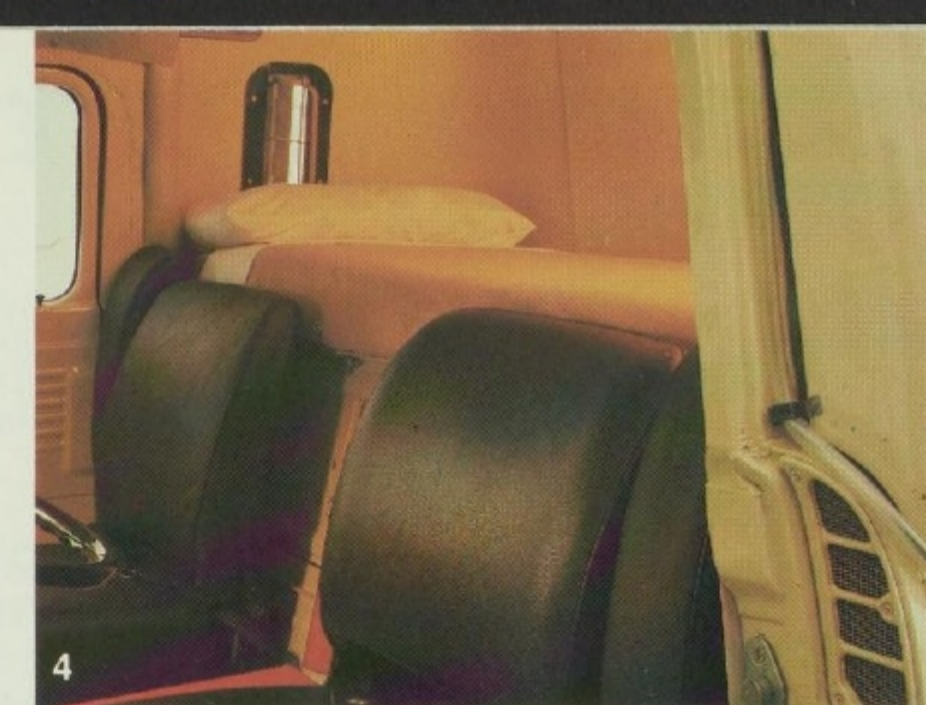
3. Standard Cab.

The Standard Cab on C-600 through C-800 has a foam-padded full-width seat trimmed in black vinyl. On the C-900, 7000 and 8000 Series, the foam-padded seat has heavy-duty black vinyl trim (optional C-600 through C-800). Standard features include: pushbutton door locks, reversible key locks, fresh air heater/defroster and removable instrument cluster.

4. Ford C-Series sleeper compartment.

The sleeper compartment provides riding comfort and is of lightweight fiberglass construction. A relaxing foam rubber mattress is included in the sleeper. And a two-way salem vent at each end of the compartment provides ventilation. L-S Unison driver's and matching companion seats shown are available on all models.

The Ford sleeper compartment is available in all 700 and larger series—including diesels. It's the only diesel/sleeper cab combination available in this type of low-tilt cab.



**FORD! BEST-SELLING
BIG TRUCKS.**

YOUR CHOICE OF FORD TOUGH TRUCKS.

Popular C-Series tilts are available in a broad range of quality-built models to match Ford's kind of truck toughness to your job.

Eight basic series.

To match your job requirements, Ford tilt cabs offer a wide range of wheelbases for up to 27-ft. bodies.

Tough diesel tandems.

Both Ford CT-Series tandems are now diesel powered. The DDA 8.2L turbocharged V-8 is standard in 800 Series. While the Caterpillar 3208 Series is offered in the CT-8000's.

Ford CT-Series have double-channel frames standard. Triple-channel frames are optional to match your loads. Heavy-duty 18,000-lb. front axle is available for big front loads.

Tough single-rear-axle trucks—gas or diesel!

Popular Ford Lima V-8 and Super Duty V-8 gas engines, or DDA 8.2L Fuel Pinchers and Caterpillar 3208 Series diesels are available in single-rear-axle series as shown in the specification charts below. And for '81, Spicer 2-speed rear axles are available in 17,500-lb. and 18,500-lb. rated capacities.



Deep-dip Electrocoat primer helps protect the cab against rust and corrosion. Cabs are fully immersed, and a high voltage charge bonds the primer to the metal. Stepwells are galvanized for added protection.

FORD C-SERIES OPTIONS INCLUDE:

- L-S Unison driver's and passenger seats (3)
- Armrests (right and/or left* with bench seat) (3)
- Padded instrument panel
- AM radio with traveler's advisory feature
- Sleeper cab with foam mattress
- Parallel-action windshield wipers
- All tinted glass (tinted windshield standard)
- Chrome front bumper
- Chrome grille (Special Order)
- Automatic transmission—4- or 5-speed (4)
- Brush-type grille guard (5)
- Alternators—60 or 70 amp. or Leece Neville 105 amp.
- Battery† gas engines: std. one 45 amp-hr. (380 CCA), 63 amp-hr. (535 CCA) with 900
- Opt. one 63 amp-hr. (535 CCA), or two 63 amp-hr. (535 CCA) with 900 Series
- Batteries,† diesels: std. two 63 amp-hr. (535 CCA) with 8.2L
- Opt. three 63 amp-hr. (535 CCA)—standard with 7000 and 8000 Series

- Ether cold starting aid (less canister) for diesels
 - Fuel pump, electric (gas engines)
 - Engine block heater
 - Extra cooling radiator
 - Fuel tanks (LH and/or RH): 50-gal. steel D-tank, 75-gal. steel D-tank
 - Front tow hooks
 - Silicone hose package (C-7000 and C-8000)
 - Stemco wet-type wheel seals
 - Tachometer, electric (gas or DDA 8.2L engines)
 - Tractor package with trailer air and electrical line connections
- Ask your Ford Dealer about additional optional equipment available on all Ford Trucks.

*Standard on Custom Cab.
†Both standard and optional batteries are maintenance-free.

SERIES		Single-Axle (Gasoline- or Diesel-Powered)				Single-Axle (Diesel)	
		C-600	C-700	C-800	C-900*	C-7000	C-8000
GVW RATING lb.	Max.	24,000 (10,886 kg)	27,500 (12,474 kg)	34,000 (15,422 kg)	39,000 (17,690 kg)	27,500 (12,474 kg)	39,000 (17,690 kg)
GCW RATING lb.	Max.	42,000 (19,051 kg)	50,000 (22,680 kg)	55,000 (24,948 kg)	60,000 (27,216 kg)	50,000 (22,680 kg)	50,000 (22,680 kg)
AXLE, FRONT Rating (lb.)	Std.	7,000	7,000	9,000	9,000	7,000	9,000
	Opt.	—	9,000	12,000	12,000, 16,000	9,000	12,000, 16,000
AXLE, REAR Rating (lb.)	Std.	15,000	17,500	18,500	18,500	17,500	18,500 (2-Spd.)
	Opt.	17,500	18,500	22,000	22,000, 23,000	18,500	18,500, 22,000, 23,000
BRAKES, SERVICE Split system	Std.	Vac.-Hyd.	Vac.-Hyd.	Vac.-Hyd.	Vac.-Hyd.	Vac.-Hyd.	Air
	Opt.	HD Vac.-Hyd. Rear, Air	HD Vac.-Hyd. Rear, Air	HD Vac.-Hyd. Rear, Air	HD Vac.-Hyd. Rear, Air	HD Vac.-Hyd. Rear, Air	—
ENGINE	Std.	6.1L (370) 2V V-8	6.1L (370) 4V V-8	6.1L (370) 4V V-8	7.8L (477) SD V-8	Cat. 3208—175-hp	Cat. 3208—175-hp**
	Opt.	6.1L (370) 4V V-8 8.2L N diesel	6.1L (370) 2V V-8 7.0L (429) 4V V-8 8.2L N & T diesel	7.0L (429) 4V V-8 8.2L N & T diesel	8.8L (534) SD V-8	—	Cat. 3208—200-hp** 210-hp**
CLUTCH (Dia. in.)	Std.	13—1-Plate††	13—1-Plate††	13—1-Plate††	13—2-Plate	14—1-Plate	14—1-Plate
TRANSMISSIONS See transmission chart							
SPRINGS, FRONT Capacity @ Grd. (lb.)	Std.	3,500	3,500	4,500	4,500	3,500	4,500
	Opt.	4,500	4,500, 6,000	4,500, 6,000	4,500, 6,000	4,500	4,500, 6,000
SPRINGS, REAR Capacity @ Grd. (lb.)	Std.	8,740	8,740	8,740	8,740	8,740	8,740
	Opt.	11,100	11,100	11,100	11,100, 11,690	11,100	11,100, 11,690
POWER STEERING	Std.	Std.	Std.	Std.	Std.	Std.	Std.
WHEELS**	Std.	Cast Spoke	Cast Spoke	Cast Spoke	Cast Spoke	Cast Spoke	Cast Spoke
	Opt.	6-Hole Disc	6- or 10-Hole Disc	10-Hole Disc	10-Hole Disc	6- or 10-Hole Disc	10-Hole Disc
TIRES (Tube-type)—Maximum‡	Std.	8.25x20 10PR	8.25x20 10PR	9.00x20 10PR	9.00x20 10PR	8.25x20 10PR	9.00x20 10PR
	Opt.	9.00x20 12PR*	10.00x20 12PR*	11.00x22 14PR*	11.00x22 14PR*	10.00x20 12PR*	11.00x22 14PR*

Tandem-Axle (Diesel)	
CT-8000	CT-800
56,000 (25,401 kg)	52,000 (23,587 kg)
50,000 (22,680 kg)	60,000 (27,216 kg)
12,000	12,000
16,000, 18,000	16,000, 18,000
34,000	34,000
38,000	—
Air	Air
—	—
Cat. 3208—175-hp**	8.2L T diesel
Cat. 3208—200-hp** 210-hp**	—
14—1-Plate	14—1-Plate*
See transmission chart	
6,000	6,000
—	—
17,000	17,000
—	—
Std.	Std.
Cast Spoke	Cast Spoke
10-Hole Disc	10-Hole Disc
9.00x20 10PR††	9.00x20 10PR††
11.00x22 14PR*	11.00x22 14PR*

NOTE: Use adequate tires for loads and type of service.
*13"–2-plate clutch is included with Clark 390V, 397V and all Spicer transmissions.
††10.00x20 12PR standard on front axle.
**N.A. in Calif.
‡Flotation tires available on tandem models, and C-900 available front axle only. Consult your Ford Dealer.
**Includes 13"–2-plate clutch.
*Equivalent tubeless and tubeless radial tires are available.

Transmission Availability

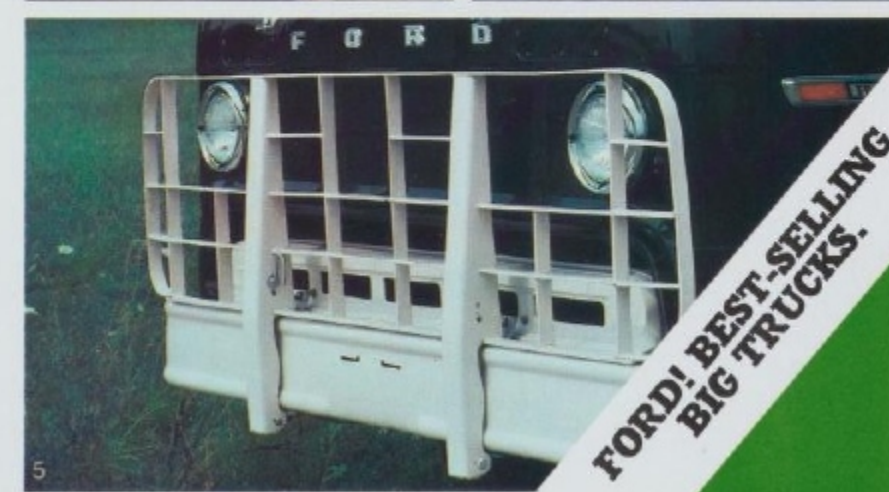
TYPE	SERIES	C-600	C-700	C-7000	C-800	C-8000	C-900	CT-800	CT-8000
4-Spd. Direct	New Process 435	S	S	—	—	—	—	—	—
5-Spd. Direct*	Clark 282 V	0	0	—	0	—	—	—	—
	Clark 285 V	0	0	—	0	—	—	—	—
	Clark 282 VHD	0	0	—	0	—	—	—	—
	Clark 285 VHS	0	0	—	0	—	—	—	—
	Clark 390 V	—	0	0	0	0	0	0	0
	Clark 397 V	—	0	0	0	0	0	0	0
	Spicer 5052A	0	0	S	0	S	S	S	S
Spicer 5252A	0	0	0	0	0	0	0	0	
Spicer 6052A	—	—	0	0	0	0	—	0	
Spicer 6052C	—	—	0	0	0	0	—	0	
5-Spd. Overdrive	Clark 280 VO	0	0	—	0	—	—	—	—
10-Spd. Direct	Fuller RT 6610	—	—	0	0	0	0	0	
4-Spd. Auto.	Allison AT-545	0	0	—	0	—	—	—	
	Allison MT-643	—	0	—	—	—	0	—	
5-Spd. Auto.	Allison MT-653	—	—	—	0	—	0	0	

Note: Some transmissions are not available with various engine choices. S—Standard O—Optional *5-spd. trans. avail. with wide or close ratio. See your Ford Dealer for complete powertrain information.

C-Series Wheelbase and CA's (cab-to-axle)

WB in./mm.	99/2,515	111/2,819	123/3,123	135/3,427	147/3,731	159/4,035	171/4,339	183/4,643	195/4,947
CA in./mm	72/1,829*	84/2,134*	96/2,439*	108/2,743*	120/3,047*	132/3,351*	144/3,655*	156/3,959*	168/4,263*
C-600	X	X	—	—	—	—	—	—	—
C-700	X	X	—	—	—	—	—	—	—
C-7000	X*	X*	—	—	—	—	—	—	—
C-800	X	X	—	—	—	—	—	—	—
C-8000	X*	X*	—	—	—	—	—	—	—
C-900	X	X	—	—	—	—	—	—	—
CT-800	X	X	—	—	—	—	—	—	—
CT-8000†	X*	X*	—	—	—	—	—	—	—

*CA is 8-in. (203 mm) less on 7000 and 8000 Series.
†CA is 4.4" (112 mm) less on vehicles with DDA 8.2L engines.
Other wheelbases available on Special Order include 175 in. (4,445 mm), 181 in. (4,597 mm), 187 in. (4,750 mm), 194 in. (4,928 mm), 210 in. (5,334 mm), 220 in. (5,588 mm).



FORD! BEST-SELLING BIG TRUCKS.

FORD C-SERIES TILT CAB SERVICE ACCESSIBILITY

The cab tilts 45° exposing the engine, clutch, transmission and accessories for convenient service or repairs. To add engine coolant or oil, it is not even necessary to tilt the cab. The handy access panel behind the passenger seat permits reaching filler caps.



Buy or lease a tough Ford Truck—a great choice either way!

Ford means business in big trucks.

Ford's commitment to trucks extends through the nationwide network of more than 5,500 truck dealers including 990 franchised for 8.2L DDA mid-range diesel service with over 270 dealers who specialize in heavy-duty trucks. They're backed by a modern computer system linked to 21 Parts Distribution Centers that handle a full line of quality Motorcraft and Ford parts.

Of course, the job is the final truck test. Talk to people who own today's Fords. Then talk to your Ford Dealer.

Truck financing can be arranged with terms tailored to your needs: seasonal, farm, skip payment and descending duration plans.

Motorcraft



...FOR SURE

Replacement Parts

Be sure to specify genuine Ford-approved Motorcraft parts from your Ford Dealer.

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 of 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.

FORD TRUCKS

FORD DIVISION

