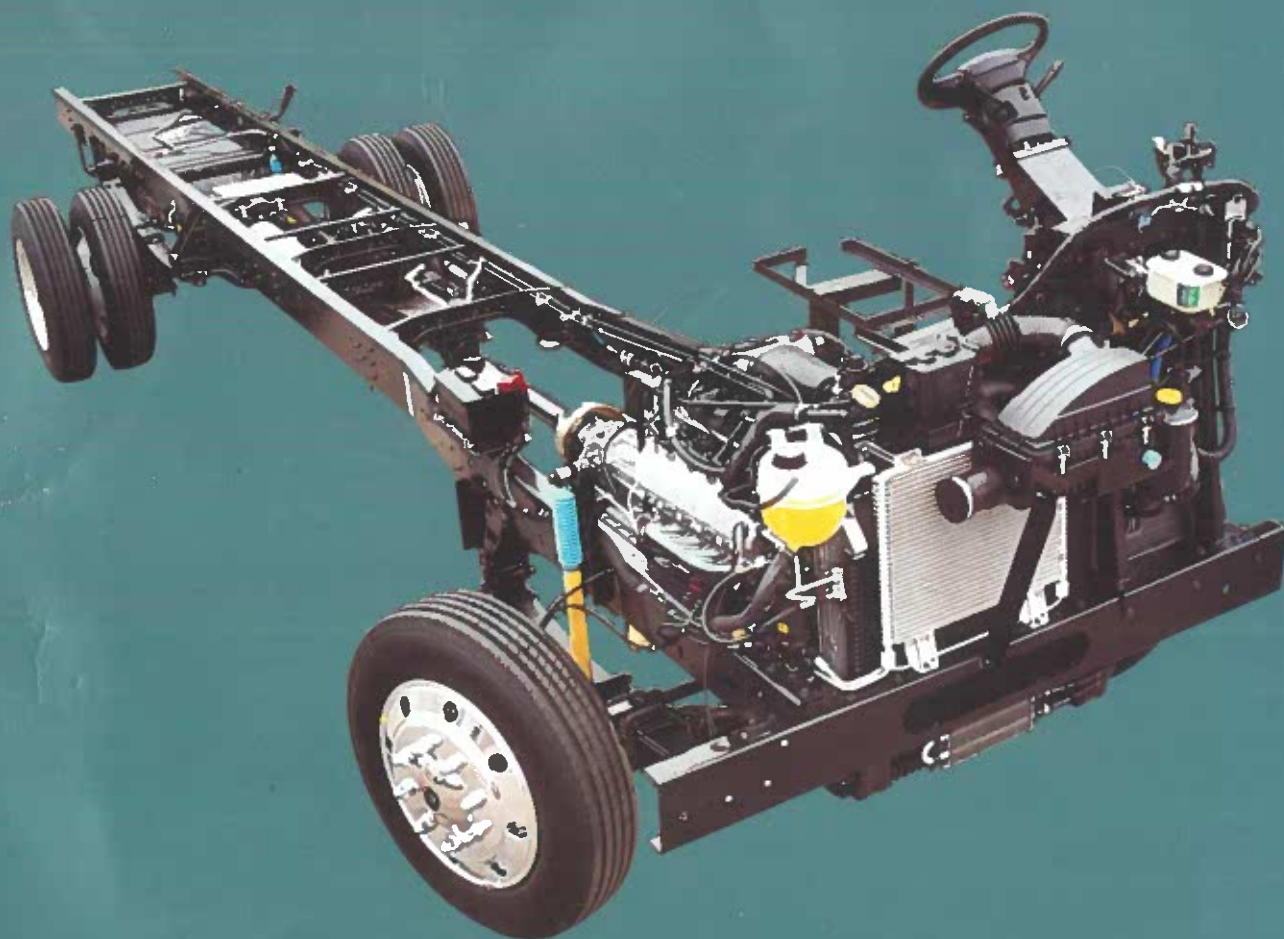




2006

f-series super duty
class A motorhome chassis



IS YOUR RV BUILT FORD TOUGH?



Ford 2006⁺ series super duty

class A motorhome chassis

What's New

For 2006 Ford has added several new performance and ride enhancing product innovations:

- **New 6.8L 3-Valve V10 Gasoline Engine** – produces more horsepower and torque than any other engine in its class. The new 3-valve induction design results in improved performance levels in horsepower, torque, acceleration and fuel efficiency. Producing a power-packed 362 horsepower and 457 lb.-ft of torque, the new 3-valve V10 is an ideal match for Ford-based motorhomes.
- **New TorqShift™ 5-Speed Automatic Overdrive Transmission with Tow/Haul Mode** – incorporates electronically controlled shifting for improved performance and fuel economy. The selectable Tow/Haul Mode controls upshifts to eliminate unwanted gear searching when the motorhome encounters steep grades. As an added benefit it helps control vehicle speed when descending hills.
- **Heavy Duty Front Track Bar** – is now standard on all 18,000, 20,500 and 22,000 lb. GVWR Ford Class A motorhome chassis. It is also available as an option on 15,700 lb. GVWR models. The track bar, in combination with other Ford suspension components, helps to control motorhome "pitch" and "sway" to provide smoother ride characteristics for both drivers and passengers alike.
- **New Electronic Throttle Control** – works in unison with new 3-valve engine to deliver responsive power and acceleration.
- **New Air Cleaner Box and Horizontally Mounted Air Intake** – includes a new, larger high mounted, horizontal air intake "Snorkel" tube. The new air cleaner box and large diameter intake allow free "breathing" of air for excellent power and performance.
- **New 19.5" Wheels** – now include 10 lug nut mounting.
- **New Transmission Oil Temperature Gauge** – is now located in instrument cluster to allow at-a-glance monitoring of transmission operating temperatures.
- **Charge Indicator Light** – replaces voltmeter.



10 Good Reasons to Choose Ford:



Ford combines a wide array of individual features and components to produce a motorhome chassis with excellent ride and handling characteristics.

2

26,000 Lb. Gross Combined Weight Rating (GCWR) – Allows up to a maximum of 10,300 lbs. of towing capacity, a real benefit for RVers who want to pull a boat or a second vehicle.

3

New 6.8L V10 3-Valve Triton™ Engine – Delivers 362 horsepower and 457 lbs.-ft. of torque. Advanced design and technology results in power, performance and economy. The 6.8L Triton™ V10 platform continues to be a durable, proven performer in Class A Motorhomes. The engine also includes a fail-safe cooling system and 100,000 mile tune-up interval*.

* - under normal driving conditions with routine fluid/filter changes.

4

New TorqShift™ 5-Speed Automatic Overdrive Transmission with Tow/Haul Mode – Offers a combination of convenience, durability and efficiency.

5

Driver Oriented Braking Characteristics – Large diameter master cylinder and high boost ratios provide smooth pedal feel and performance.

6

Up to 81.8 Inch Front Tread Width (w/19.5 x 6.0 Wheels) – Contributes to handling control while driving. Provides added stability to accommodate wide-body and slide-out type motorhomes.



1

Choice of Four Gross Vehicle Weight Ratings – 15,700 / 18,000 / 20,500 / 22,000 Lbs. – Permits motorhome chassis weight carrying capacity and handling characteristics to be matched to the size of the motorhome.

10

11,000 Lb., (w 15,700 or 18,000 Lb. GVWR) 13,500 Lb. (w/20,500 Lb. GVWR) or 14,500 Lb. (w/22,000 Lb. GVWR) Rear Axle with Premium Bilstein® Shock Absorbers – Complements 4 inch wide, 64 inch long tapered-leaf springs, gas pressurized, premium Bilstein® shock absorbers and a robust stabilizer bar to provide excellent ride and load-carrying capability.

9

Front and Rear Disc, 4-Wheel Anti-Lock Brakes – A standard feature on the Ford Super Duty Motorhome Chassis –provide steady, consistent braking performance.

8

Choice of 19.5" or 22.5" Tires and Wheels – Both tire and wheel sizes are designed to maximize road contact for excellent traction and road feel. Tire and wheel size are designed to be compatible with, and optimize the performance of other chassis component systems such as brakes, steering and axles.

7

7,500 Lb. Front Axle, Heavy Duty Front Track Bar and Premium Bilstein® Shock Absorbers – Sturdy monobeam axle design, 4-inch wide, 63 inch long taper-leaf springs, gas pressurized, premium Bilstein® shock absorbers, robust stabilizer bar and heavy duty front Track Bar combine to provide excellent ride and handling characteristics.



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features

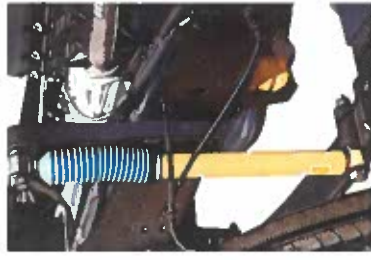
It's all about Ride and Handling



Full Length Steel Frame And 75 Gallon Fuel Tank

The Ford Chassis features a full length, full channel rugged, tough frame that extends all the way to the end of the chassis resulting in a stable foundation for motorhomes with large bodies and multiple slide-outs.

The 75 gallon fuel tank is packaged low between the frame rails to provide a low center-of-gravity for improved vehicle handling and enhanced "sway" control characteristics.



Premium Bilstein® Shocks

All Ford Motorhome Chassis are equipped with premium Bilstein® front and rear shock absorbers to help smooth-out road bumps and potholes. They are complemented by new, variable-rate jounce bumpers that help to reduce road shocks even further.



Smooth Riding Suspensions

The Ford front and rear suspension systems feature long, wide springs which are designed with optimal camber and improved deflection rates to provide exceptional ride characteristics.



New Power-Packed, 3-Valve Engine

The 6.8L V10 3-Valve Triton™ Engine delivers a powerful 362 horsepower and 457 lbs.-ft. of torque. The 6.8L Triton™ V10 continues to be a durable, proven performer in Class A Motorhomes. The engine also includes a fail-safe cooling system and 100,000 mile tune-up interval.*

* - under normal driving conditions with routine fluid/filter changes.



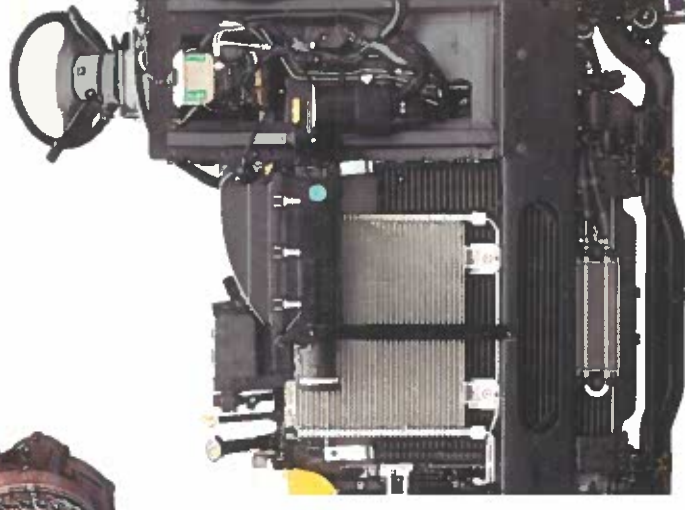
New TorqShift™ 5-Speed Automatic Overdrive Transmission with Tow/Haul Mode

TorqShift uses direct electronic shift control in unison with the powertrain control module to precisely manage power delivery in any driving circumstance. The selectable Tow/Haul Mode helps reduce gear hunting, improves power delivery and uses engine braking to help control vehicle speed when descending hills.



Extra Cooling Capacity

Larger radiator provides increased coolant capacity for engine temperature control. Increased capacity transmission oil cooler provides optimum cooling for new TorqShift™ transmission.



Front Track Bar*

Heavy duty, front track bar and large diameter, front and rear stabilizer bars combine to help control fore and aft pitch as well as lateral roll.

* - optional on 15,700 lb. GVWR chassis



Robust Steering System

The Ford Steering System features heavy duty steering gear housing and large, robust linkage and pitman arms for outstanding handling characteristics. Handling is further enhanced by an adjustable steering wheel/column with horn ring and stalk-mounted controls.

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Ford 2006†series super duty



ITEM	15,700 LBS. GVWR	18,000 LBS. GVWR	20,500 LBS. GVWR	22,000 LBS. GVWR	FEATURE
GCW Rating (lbs.) (Gross Combined Weight Rating)	26,000				Ford GCW Rating results in up to 10,300 lbs. of towing capacity.
GAWR, Front (lbs.)	6,000	7,000	7,000	7,500	(Gross Axle Weight Rating)
GAWR, Rear (lbs.)	11,000	11,000	13,500	14,500	(Gross Axle Weight Rating)
Wheelbases (in.)	178, 190	178, 190, 208, 228	208, 228	208, 228	Choice of wheelbases can accommodate most Class A motorhomes.
Axle, Front (lbs.) Type	7,500 Monobeam				Ford standard front axle features forged steel, Monobeam design.
Axle, Rear (lbs.)	11,000 Dana 80 Full-Float 5.38:1 1480	11,000 Dana 80 Full-Float 5.38:1 1480	13,500 Dana 135 Full-Float 5.38:1 1480	14,500 Dana 145 Full-Float 5.38:1 1480	Ford offers three rear axle choices to provide up to an extra 3,500 lbs. of capacity.
Ratio U-Joints	5.38:1 1480	5.38:1 1480	5.38:1 1480	5.38:1 1480	
Brakes, Service	Power, Hydraulic w/4-wheel, 3-Channel Anti-Lock Braking System Front – Disc (15.55" Dia) Rear – Disc (15.55" Dia) HydroBoost 8.19:1 Ratio	Power, Hydraulic w/4-wheel, 4-Channel Anti-Lock Braking System Front – Disc (15.55" Dia) Rear – Disc (15.55" Dia) HydroMax 21.1:1 Ratio	Power, Hydraulic w/4-wheel, 4-Channel Anti-Lock Braking System Front – Disc (15.55" Dia) Rear – Disc (15.55" Dia) HydroMax 21.1:1 Ratio		Ford Chassis features 4-wheel, Anti-Lock Braking System (ABS) and Four Wheel Disc Brakes.
Brake, Parking Transmission Actuation Pedal Actuation	Ford design includes mechanical "lock-up" of the transmission when in park position. Drum type, transmission mounted driveline with single stroke pedal. Hand release of brake.				Ford system provides mechanical lock-up of transmission when vehicle is in "park" position. Supplemented by braking of the transmission mounted, driveline. Parking brake actuation results in smooth, convenient operation and does not require hydraulic assistance to release.
Electrical Alternator Battery	130 Amp.† / 1,950 Watt 12 Volt – 750 CCA (78 Amp.-Hr.) Maintenance-Free				Ford alternator and battery produce capacity to satisfy motorhome power requirements.
Engine, Gasoline Displacement Fuel Injection Horsepower (SAE Net) Torque (Lbs.-Ft. SAE Net)	6.8L Triton™ (415 CID) V10 3-Valve Sequential Electronic Fuel Injection (SEFI) 362 @ 4750 RPM 457 @ 3250 RPM				6.8L V10 delivers proven power, performance and economy.
Frame Type Yield Strength (PSI) Section Modulus (in. ³) Section (Web) Height (in.)	Single Channel, Ladder Type 36,000 9.46 9.16				Ford frame has large 9.46 inches cubed Section Modulus, for excellent strength and rigidity characteristics.

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† – 130 amp output based on cold performance at 80° F. Actual output is temperature and application dependent.

class A motorhome chassis



specifications

ITEM	15,700 LBS. GVWR	18,000 LBS. GVWR	20,500 LBS. GVWR	22,000 LBS. GVWR	FEATURE
Fuel Tank Location	75.0 Gallon (284L) Aft-Of-Rear-Axle Left hand Side Fuel Fill				75 gallon fuel capacity provides convenience of an extended cruising range.
Springs, Front Capacity (lbs.) Length (in.) Shock Absorbers Dia. (in.) Stabilizer Bar	Tapered, Multi-Leaf 7,000 63.0 Gas-Pressurized Bilstein® 1.63 Front	Tapered, Multi-Leaf 7,000 63.0 Gas-Pressurized Bilstein® 1.63 Front	Tapered, Multi-Leaf 7,000 63.0 Gas-Pressurized Bilstein® 1.63 Front	Tapered, Multi-Leaf 7,500 63.0 Gas-Pressurized Bilstein® 1.63 Front	Ford standard front springs feature Multi-Leaf tapered design for optimized ride characteristics. Shock absorbers are premium Bilstein® and stabilizer bar is 1.50 inches in diameter.
Jounce Bumpers HD Track Bar	Variable Rate,Front Front (Opt.)	Variable Rate,Front Front (Std.)	Variable Rate,Front Front (Std.)	Variable Rate, Front (Std.)	Variable rate front jounce bumpers and heavy duty front track bar help control fore and aft pitch and lateral roll.
Front Tread (in.)	81.8	81.4	81.4	79.8	Wide, front tread width is designed to provide good handling characteristics and enhanced stability with wide-body and slide-out equipment.
Springs, Rear Capacity (lbs.) Length (in.) Shock Absorbers Dia. (in.) Stabilizer Bar	Tapered, Multi-Leaf 11,000 64.0 Gas-Pressurized Bilstein® 1.63 Rear	Tapered, Multi-Leaf 11,000 64.0 Gas-Pressurized Bilstein® 1.63 Rear	Tapered, Multi-Leaf 13,500 64.0 Gas-Pressurized Bilstein® 1.63 Rear	Tapered, Multi-Leaf 14,500 64.0 Gas-Pressurized Bilstein® 1.63 Rear	Rear spring capacities are available to accommodate a variety of motorhome body and weight requirements. Shock absorbers are premium Bilstein® and stabilizer bar is 1.40 inches in diameter.
Rear Tread (in.)	74.0	73.3			Wide rear tread width provides enhanced handling.
Steering	Power, TRW TAS 40 Gear (includes cooler) 52.8 (178" Wheelbase) Standard Standard	Power, TRW TAS 40 Gear (includes cooler) 61.6 (208" Wheelbase) Standard Standard			Ford turning angle results in small turning diameters to aid maneuverability.
Trailer Towing Capacities▲ Wiring Package	10,300 lbs. Class II-IV System	8,000 lbs Class II-IV System	5,500 lbs. Class II-IV System	4,000 lbs. Class II-IV System	Ford Class A chassis features Class II-IV Wiring System including electric brake wiring.
Transmission	TorqShift™ 5-Speed Automatic Overdrive with Tow/Haul Mode Overdrive (0.71 Ratio)				Ford features a driver-controlled Tow/Haul button mounted on the end of the shift lever.
Tires	(6) 225/70R 19.5-F (12 ply) Highway Metric Radial Tubeless (7) 10-Hole Disc, 19.5" x 6.0" Steel	(6) 245/70R 19.5-F (12 ply) Highway Metric Radial Tubeless (7) 10-Hole Disc, 19.5" x 6.75" Steel	(6) 245/70R 19.5-F (12 ply) Highway Metric Radial Tubeless (7) 10-Hole Disc, 19.5" x 6.75" Steel	(6) 235/80R 22.56 XRV (14 ply) Highway Metric Radial Tubeless (6) 8-Hole Disc, 22.5" x 7.5" Polished Alum. Front and Rear (with Steel Inner Rear)	Ford F-Series Super Duty motorhome chassis features wide, low-profile, 19.5 inch and 22.5 inch metric radial tires.
Wheels					Ford uses 10-bolt lug nut pattern on 19.5 inch wheels, and an 8-bolt lug nut pattern on 22.5 inch wheels.

▲ Consult the current Ford Recreation Vehicle Trailer Towing Guide for additional information.



service & support



Motorhome Customer Assistance Center

This 24 hour, seven-days-a-week Hotline was designed to serve both motorhome owners and RV dealers. By dialing 1-800-444-3311, the caller has access to:

- The nearest appropriate service location.
- Assistance in scheduling a service appointment.
- Service Assistance for motorhome customers and RV dealers in resolving Ford chassis-related concerns.

Roadside Assistance*

This 24 hour, seven-days-a-week Hotline is a standard feature on all Ford Motorhome Chassis. By dialing 1-800-444-3311, Ford Motorhome Chassis Customers also have access to:

- Flat Tire Changes
- Jump Start For A Dead Battery
- Gasoline, If Out of Fuel
- Vehicle Lock-Out Service
- Towing

In-Dealership Service Support

- Over 500 Ford dealerships in the U.S. and Canada.
- Certified service technicians backed by computerized diagnostics and national technical hotline support.
- Verification of available owner notification and recall information affecting motorhomes.

Important Warranty Information

The Ford Motorhome Chassis has a limited warranty for 36 months or 36,000 miles, whichever occurs first. Parts of the vehicle manufactured by Ford Motor Company are listed in the Warranty Information Booklet† that comes with the recreation vehicle. It states the RV owner's rights and responsibilities, and should be read carefully.

* - 36 Months/36,000 Miles. See your Ford Dealer for details.

† - See your Ford Dealer for a copy of the limited warranty.



Ford Division
Recreation & Commercial Vehicle Sales

Illustrations and information presented herein were correct when approved for printing. Ford Motor Company reserves the right to discontinue or change at any time the specifications or designs without incurring obligations. Some features shown or described are optional at extra cost. Some options are required in combination with other options. Consult your Ford Dealer for the latest, most complete information on models, features, prices and availability.



Metric conversion - To obtain information in kilograms, multiply the pounds by .45; to obtain information in kilometers, multiply the miles by 1.6; to obtain information in centimeters, multiply the inches by 2.54.