

2011 **F-SERIES SUPER DUTY**

CLASS A MOTORHOME CHASSIS



America's #1 Selling Class A Motorhome Chassis

Offering New and Best-In-Class Features for 2011



252-inch wheelbase

Best-In-Class 252-Inch Wheelbase

A 252-inch wheelbase offering, 10-inches longer than our competition offers, is available on 24,000 and 26,000 lbs. GVWR Ford Class A Motorhome Chassis. Your motorhome builder now has even more flexibility to incorporate the features you want in your luxurious motorhome.



Instrument Cluster With Added Information

The instrument cluster for the 2011 Ford Class A Motorhome Chassis has been redesigned to provide drivers with added vehicle operating information. In addition to traditional vehicle indicators such as RPM and MPH, drivers can now monitor Distance-To-Empty (DTE), average fuel economy, outside temperature, and system check (including brake fluid and fuel levels, engine and transmission temperatures, and oil pressure).

Ford V10 Engine Emblem

Class A Motorhomes built on Ford Chassis display an attractive badge to signify that the motorhome is powered by the Best-In-Class 362 horsepower/457 lbs.-ft. torque Ford V10 gas engine.



High Capacity 175-Amp Alternator

All 2011 Ford Class A Motorhome Chassis are equipped with a high capacity alternator. Designed to specifically handle the large electrical demands of modern motorhomes, this robust alternator complements the large, 78-amp hr., 750-CCA battery in the Ford chassis.



Front Axle Capacity Increased 500 Lbs. On Selected GVWR Chassis

The front axle capacity has been increased by 500 lbs. from 7,500 lbs to 8,000 lbs. on 16,000-18,000-20,500 and 22,000 lbs. GVWR chassis. The larger capacity allows motorhome manufacturers to add desired equipment and permits customers to better utilize of the front storage compartments for carrying extra cargo.

Revised Rear Axle Ratios

For 2011, the rear axle ratio on the 16,000 and 18,000 lbs. GVWR chassis has been revised to 4.88:1. This new ratio provides improved throttle response and fuel economy.



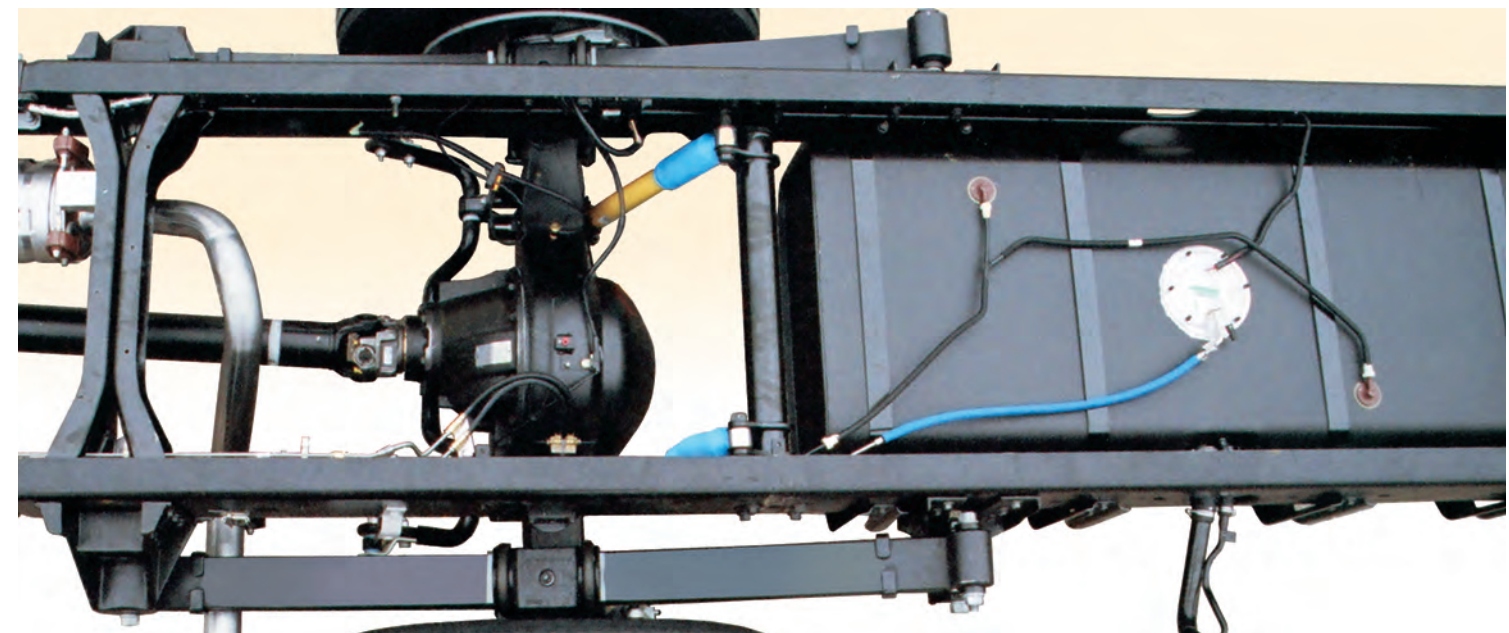
Suspension Design Features Result In Excellent Ride, Weight Distribution And Throttle Response

For 2011, suspension components are designed to optimize the ride and provide enhanced weight distribution (loading) characteristics on all GVWR chassis. The 6 different GVWR's that Ford offers, are separated into 3 different suspension "families."

- 16,000 – 18,000 lbs. GVWR
- 20,500 – 22,000 lbs. GVWR
- 24,000 – 26,000 lbs. GVWR

Each of these "families" use suspension components tuned to closely match the GVWR of the chassis in order to optimize ride and handling.

Front and rear shock absorbers, rear spring rates, stabilizer bar, links, bushings and new progressive jounce bumpers provide improved steering and handling performance.



New 80-Gallon Capacity Fuel Tank

The 2011 Ford Class A Chassis now features an 80-gallon (302-liter) capacity fuel tank for increased driving range. Integrated into the tank is a new fuel pump that includes a long-life fuel filter. This eliminates one item, and its associated expense, from the normal maintenance schedule.

Front And Rear 4-Wheel Anti-lock Disc Brakes

All Ford Motorhome Chassis are equipped with a 4-wheel Anti-lock Disc Brake System (ABS) to provide steady, reliable braking performance. Parking brake service includes both a mechanical "lock-up" of the transmission when the PRNDL indicator is in the 'P' position, as well as a pedal type actuation of a drum type, transmission mounted driveline brake.

Integrated Rear Suspension System Provides Excellent Ride And Handling

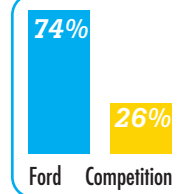
Ford offers (4) rear axle models from an 11,000 lbs. capacity up to the Best-In-Class 17,500 lbs. capacity Dana 17060S. These heavy duty type rear axles feature synthetic, "lubed for life" lubrication and are complemented by fully integrated rear suspension packages including: 4-inch wide, 64-inch long tapered-leaf springs; premium, gas-pressurized Bilstein® shock absorbers, a robust stabilizer bar and either 19.5 or 22.5-inch tires. The result is excellent ride and handling combined with big load carrying capability.

Ford Chassis Backed By Outstanding Customer Service And Support

The Ford Class A Motorhome Chassis can be serviced by over 1,300 Ford dealerships across the U.S. and Canada. A 24-hour, seven-days-a-week Hotline is available to both motorhome owners and RV dealers. In addition, a 5-years or 60,000 miles Roadside Assistance† Program is available to help customers. (See the rear cover of this brochure for more details.)

Best-In-Class 26,000 Lbs. GVWR And 30,000 Lbs. GCWR

The Ford Class A Motorhome Chassis is available in a choice of (6) GVWR capacities from 16,000 lbs. up to the Best-In-Class 26,000 lbs. GVWR. This wide selection of chassis allows motorhome manufacturers to more closely match their motorhome body to the required chassis carrying capacity. In addition, Ford 24,000 and 26,000 lbs. GVWR Class A Motorhome Chassis feature a very robust 30,000 lbs. GCWR capacity. Ford also provides maximum towing capability up to 10,000 lbs., depending on the chassis selected.



More Buyers Choose Ford Than Any Other Class A Gas Motorhome Chassis

The Ford F53 Class A Gas Motorhome continues to be the overwhelming choice of today's value-conscious buyer. Based on recent data, 74 percent of buyers selected a motorhome built on the Ford chassis.

TorqShift® 5-Speed Automatic Overdrive Transmission

Originally designed for service in exceptionally tough commercial truck duty cycles, the TorqShift® transmission features a rugged torque converter and large capacity fluid pump for optimized cooling and durability. A 0.71 overdrive fifth gear ratio enhances overall vehicle efficiency. A special Low Viscosity (Mercon LV) transmission fluid further enhances vehicle operating efficiency and contributes to fuel economy.

Tow/Haul Mode

The unique Ford Tow/Haul Mode delays transmission upshifts to help reduce the frequency of gear hunting, especially during uphill climbs. Tow/Haul also provides engine braking in all forward gears when the transmission is in the 'D' (Overdrive) position. The braking from the engine is designed to help slow the vehicle and assist drivers in controlling the vehicle while descending grades.

Best-In-Class Horsepower And Torque

The powerful 6.8L, 3-Valve Triton® V10 gas engine delivers a Best-In-Class 362 horsepower and 457 lbs.-ft. of torque. A combination of advanced design and technology results in responsive power, performance and economy. The Ford 6.8L Triton® V10 engine also features a unique fail-safe cooling system and 100,000 mile tune-up interval.†††

Ford 6.8L V10 Available With CNG/LPG Engine Prep Package**

The 6.8L V10 Gas engine will be available with a CNG/LPG Engine Prep Package. The engine will include premium component valves, valves seats and sparkplugs. The Package will require additional equipment and a certified calibration reflash from an external, aftermarket supplier.

Front Track Bar

The unique to Ford, heavy-duty front track bar is Standard on all Class A Motorhome Chassis and Optional on the 16,000 lbs. GVWR Chassis. The track bar contributes to enhanced steering as well as ride and handling characteristics for the vehicle.

Robust Steering And 50° Wheel Cut

The Ford Steering System features heavy duty type steering gear, large linkage and pitman arms for outstanding handling characteristics. Maneuverability and parking are enhanced by a 50-degree wheel cut capability†† and a large, 17.5-inch steering wheel.

Sturdy Front Suspension System

The Ford chassis is equipped with either a 8,000 lbs. or 9,000 lbs. capacity monobeam front axle. The front suspension system also includes 63-inch long taper-leaf springs, premium gas-pressurized Bilstein® shock absorbers, a sturdy stabilizer bar and a heavy duty front track bar.

Wide Selection Of Wheelbase Offerings

The Ford Class A Chassis is available in (7) wheelbase length selections from 158 inches to the Best-In-Class 252-inch model. The multiple choices allow motorhome manufacturers to more closely match their floor plan designs to the correct chassis wheelbase.

High-Capacity Electrical Components

The standard, high-capacity 175-amp alternator is the largest in its class and is complemented by a heavy-duty 78-amp hr., 750-CCA battery.

Premium Bilstein® Front And Rear Shock Absorbers

All Ford Class A Motorhome Chassis are equipped with premium Bilstein® front and rear shock absorbers to provide smooth ride characteristics. Road jolts and shocks are reduced even further by the addition of front and rear variable-rate jounce bumpers.

Ford 22,000, 24,000 and 26,000 Lbs. GVWR Chassis Feature Polished Aluminum Wheels

2011 Ford 22,000, 24,000 and 26,000 lbs. GVWR chassis are equipped with polished aluminum wheels. These wheels are not only very attractive, but also virtually maintenance-free and can be cleaned with soap and water.



* Based on 2009 CYTD motorhome registrations. Source: Statistical Surveys, Inc.

† 5-years or 60,000 miles, whichever occurs first. See your Ford dealer for details


†† 42-degrees with 22,000 lbs. GVWR chassis equipped with 22.5-inch tires and wheels.

††† Under normal driving conditions with routine fluid and filter change.

• Late Availability.



Specifications

A side profile of a truck chassis, showing the engine, transmission, and wheels. The chassis is black and features a long wheelbase. The engine is located at the front, and the transmission is visible behind it. The chassis is supported by two wheels with black tires and silver rims. The background is a solid light blue color.

18,000 LBS. GVWR MODEL

TIRES/WHEELS (Size)	19.5"
Tires	(6) Continental 225/70R 19.5F (12PR) Highway Metric Radial Tubeless
Wheels	(6) 19.5" x 6.0", 10-Hole Steel Disc
Spare Wheel & Tire	(1) Optional

**** 175-amp output based on cold performance at 80° F. Actual output is temperature and application dependent.**



2011 Chassis Specifications



20,500 LBS. GVWR MODEL

CHASSIS RATINGS

GAWR - Front (lbs.)	7,000 (Standard); 7,500 (Optional)
GAWR - Rear (lbs.)	13,500
GVWR (lbs.)	20,500
GCWR (lbs.)	26,000
Wheelbases (in.)	208, 228
Curb Weight (lbs.) (208" WB)	6,263
Max. Trailer Capacity (lbs.)*	5,500
Trailer Wiring Package	Class II - IV System
Max. Payload (lbs.) (208" WB)	14,237

ENGINE, GASOLINE

Displacement	6.8L Triton® (415 CID) V10 3-Valve
Fuel Injection	Sequential Electronic Fuel Injection (SEFI)
Horsepower (SAE Net)	362 @ 4,750 RPM
Torque (lbs.-ft. SAE Net)	457 @ 3,250 RPM

TRANSMISSION

Identification	TorqShift® Automatic Overdrive
Number of Speeds	5
1st Gear Ratio	3.11
OD Gear Ratio	0.71
Tow/Haul Mode	Yes

AXLE, FRONT

Weight Rating (lbs.)	8,000
Type	Monobeam
Front Tread (in.)	81.4
Wheel Cut	50 Degrees

AXLE, REAR

Weight Rating (lbs.)	Dana S110
Type	Full-Float
Ratio (to 1)	5.38
U-Joints	1480
Rear Tread (in.)	73.3

FRAME

Frame Constant Section	Single Channel, Ladder Type
Yield Strength (psi)	9.16 x 3.0 x 0.25
	36,000

ELECTRICAL

Alternator Output	175-amp** / 2,360 watt
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Cluster Message Center Features	MPH, RPM, Engine Hour Meter, Average Fuel Economy, Distance-to-Empty, Outside Temperature, System Check (Brake & Fuel Fluid Levels, Engine & Trans. Temperature, Oil Pressure)
Daytime Running Lights	Optional

BRAKES, SERVICE

Hydraulic Brake Assist	Power
Rotor Size - Front/Rear (dia.)	HydroMax - 21.1:1 Ratio
Calipers	15.55" / 15.55"
ABS	2-Piston
	4-wheel, 4-channel, Anti-lock Brake System

BRAKES, PARKING

Transmission Actuation	Ford design includes mechanical "lock-up" of the transmission when in park position.
Pedal Actuation	Drum type, transmission mounted driveline with single stroke pedal. Hand release of brake.

FUEL TANK

Capacity	80 Gallon (302L)
Location	Aft-of-Rear Axle
Filler Location	Left hand side fuel fill

SPRINGS, FRONT

Capacity (lbs.)	Tapered, Multi-Leaf
Length (in.)	7,000 (Standard); 7,500 (Optional)
Shock Absorbers	63.0
Stabilizer Bar	Gas-Pressurized, Bilstein® - 1.63" dia.
Jounce Bumpers	Front
HD Front Track Bar	Variable Rate, Front
	Yes

SPRINGS, REAR

Capacity (lbs.)	Tapered, Multi-Leaf
Length (in.)	13,500
Shock Absorbers	64.0
Stabilizer Bar	Gas-Pressurized, Bilstein® - 1.63" dia.
	Rear

STEERING

Make/Model	Power
Turning Dia. (ft.) (Curb-to-Curb)	TRW TAS 40 Gear (Includes Cooler)
Speed Control	56.1 (208" Wheelbase)
Steering Wheel	Standard
	17.5" Black Vinyl, Tilt/Speed Control

TIRES/WHEELS (Size)

Tires	19.5"
Wheels	(6) Goodyear 245/70R 19.5F (12PR) Highway Metric Radial Tubeless
Spare Wheel & Tire	(6) 19.5" x 6.75", 10-Hole Steel Disc
	(1) Optional

22,000 LBS. GVWR MODEL

CHASSIS RATINGS

GAWR - Front (lbs.)	8,000
GAWR - Rear (lbs.)	15,000
GVWR (lbs.)	22,000
GCWR (lbs.)	26,000
Wheelbases (in.)	208, 228, 242
Curb Weight (lbs.) (208" WB)	6,506
Max. Trailer Capacity (lbs.)*	4,000
Trailer Wiring Package	Class II - IV System
Max. Payload (lbs.) (208" WB)	15,494

ENGINE, GASOLINE

Displacement	6.8L Triton® (415 CID) V10 3-Valve
Fuel Injection	Sequential Electronic Fuel Injection (SEFI)
Horsepower (SAE Net)	362 @ 4,750 RPM
Torque (lbs.-ft. SAE Net)	457 @ 3,250 RPM

TRANSMISSION

Identification	TorqShift® Automatic Overdrive
Number of Speeds	5
1st Gear Ratio	3.11
OD Gear Ratio	0.71
Tow/Haul Mode	Yes

AXLE, FRONT

Weight Rating (lbs.)	8,000
Type	Monobeam
Front Tread (in.)	79.8
Wheel Cut	50 Degrees-19.5" Wheels/42 Degrees-22.5" Wheels

AXLE, REAR

Weight Rating (lbs.)	Dana S130
Type	15,000
Ratio (to 1)	Full-Float
U-Joints	5.38
Rear Tread (in.)	1480
	73.3

FRAME

Frame Constant Section	Single Channel, Ladder Type
Yield Strength (psi)	9.16 x 3.0 x 0.25
	36,000

ELECTRICAL

Alternator Output	175-amp** / 2,360 watt
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Cluster Message Center Features	MPH, RPM, Engine Hour Meter, Average Fuel Economy, Distance-to-Empty, Outside Temperature, System Check (Brake & Fuel Fluid Levels, Engine & Trans. Temperature, Oil Pressure)
Daytime Running Lights	Optional

BRAKES, SERVICE

Hydraulic Brake Assist	Power
Rotor Size - Front/Rear (dia.)	HydroMax - 21.1:1 Ratio
Calipers	15.55" / 15.55"
ABS	2-Piston
	4-wheel, 4-channel, Anti-lock Brake System

BRAKES, PARKING

Transmission Actuation	Ford design includes mechanical "lock-up" of the transmission when in park position.
Pedal Actuation	Drum type, transmission mounted driveline with single stroke pedal. Hand release of brake.

FUEL TANK

Capacity	80 Gallon (302L)
Location	Aft-of-Rear Axle
Filler Location	Left hand side fuel fill

SPRINGS, FRONT

Capacity (lbs.)	Tapered, Multi-Leaf
Length (in.)	8,000
Shock Absorbers	63.0
Stabilizer Bar	Gas-Pressurized, Bilstein® - 1.63" dia.
Jounce Bumpers	Front
HD Front Track Bar	Variable Rate, Front
	Yes

SPRINGS, REAR

Capacity (lbs.)	Tapered, Multi-Leaf
Length (in.)	15,000
Shock Absorbers	64.0
Stabilizer Bar	Gas-Pressurized, Bilstein® - 1.63" dia.
	Rear

STEERING

Make/Model	Power
Turning Dia. (ft.) (Curb-to-Curb)	TRW TAS 40 Gear (Includes Cooler)
Speed Control	56.1 (208" Wheelbase) w/19.5" Wheels
Steering Wheel	Standard
	17.5" Black Vinyl, Tilt/Speed Control

TIRES/WHEELS (Size)

Tires	19.5" or 22.5"
Wheels	(6) Michelin 235/80R 22.5G XRV (14PR) (Standard)
	(6) Goodyear 245/70R 19.5F (12PR) (Optional)
	Highway Metric Radial Tubeless
	(6) 22.5" x 7.5", 8-Hole Disc Polished Aluminum
	Front and Rear (with Steel Inner Rear) (Standard)
	(6) 19.5" x 6.75" 10-Hole Steel Disc (Optional)
Spare Wheel & Tire	(1) Optional with 19.5" Wheels

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

** 175-amp output based on cold performance at 80° F. Actual output is temperature and application dependent.

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** 175-amp output based on cold performance at 80° F. Actual output is temperature and application dependent.



Specifications



26,000 LBS. GVWR MODEL

ELECTRICAL	
Alternator Output	175-amp** / 2,360 watt
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Cluster Message Center Features	MPH, RPM, Engine Hour Meter, Average Fuel Economy, Distance-to-Empty, Outside Temperature, System Check (Brake & Fuel Fluid Levels, Engine & Trans. Temperature, Oil Pressure)
Daytime Running Lights	Optional

TIRES/WHEELS (Size)	22.5"
Tires	(6) Michelin 255/80R 22.5G XRV (14PR) Highway Metric Radial Tubeless
Wheels	(6) 22.5" x 7.5", 8-Hole Disc Polished Aluminum Front and Rear (with Steel Inner Rear) (Standard)
Spare Wheel & Tire	Not Available

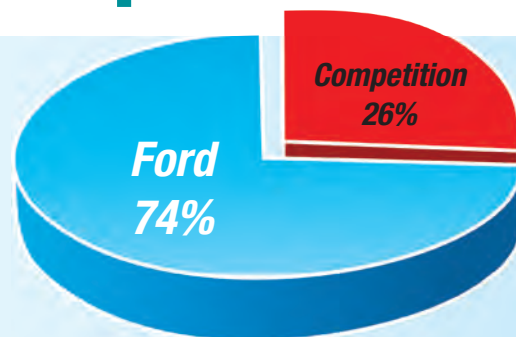
ELECTRICAL	
Alternator Output	175-amp** / 2,360 watt
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Cluster Message Center Features	MPH, RPM, Engine Hour Meter, Average Fuel Economy, Distance-to-Empty, Outside Temperature, System Check (Brake & Fuel Fluid Levels, Engine & Trans. Temperature, Oil Pressure)
Daytime Running Lights	Optional



Sales Leadership

More Buyers Choose Ford Than Any Other Gas Motorhome Chassis*

Best-In-Class horsepower and torque, premium features and components, plus after-the-sale service support have made Ford the chassis of choice for today's Class A gas engine motorhome buyer. Based on recent data, 74 percent of buyers selected a motorhome built on the Ford chassis.



Class A Gas Motorhome Chassis Sales

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.

5-Years or 60,000 Miles 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 (No Charge with Ford)
- Jump Start For A Dead Battery (No Charge with Ford)
- Gasoline, If Out of Fuel (No Charge with Ford)
- Vehicle Lock-Out Service (No Charge with Ford)
- Towing To The Closest Dealer (No Charge with Ford)

In-Dealership Service Support

- Over 1,300 Ford dealerships in the U.S. and Canada provide motorhome support.
- 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 Bumper-to-Bumper limited warranty for 3 years or 36,000 miles and a Powertrain limited warranty for 5 years or 60,000 miles, whichever occurs first. Parts of the vehicle manufactured and covered 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.

* Based on 2009 CYTD motorhome registrations. Source: Statistical Surveys, Inc.

** 5-years or 60,000 miles, whichever occurs first. See your Ford dealer for details.

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

M 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.



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.

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