

2021 FORD COMMERCIAL VEHICLES

# F-SERIES SUPER DUTY<sup>®</sup> CLASS A MOTORHOME CHASSIS



Computer-generated images with optional features and/or aftermarket equipment shown throughout.

2019 model shown.



**COMMERCIAL  
VEHICLES**

[FORDUPFITS.COM](http://FORDUPFITS.COM)

# A SOLID FOUNDATION TO BUILD ON

## 6-SPEED AUTOMATIC DOUBLE OVERDRIVE TRANSMISSION

The heavy duty TorqShift® 6-speed automatic transmission features two overdrive ratios (0.67 and 0.85) for improved vehicle performance. Tow/Haul Mode is included to enhance the driver's experience, whether towing or not. Standard features include Hill Start Assist and Neutral Idle.

## TOW/HAUL MODE

The selectable Tow/Haul Mode helps reduce gear hunting and activates engine braking to help control vehicle speed when descending hills. The vehicle does not have to be towing for the driver to use and appreciate the capabilities of Tow/Haul Mode. Select Tow/Haul Mode by pressing the round button at the end of the shift lever whenever the terrain causes the transmission to frequently shift. Select Tow/Haul Mode when descending a hill. To decrease vehicle speed, firmly press on the brake pedal and release. The TorqShift® transmission will downshift one gear, which produces engine braking. Pushing and releasing the brake pedal again will cause the transmission to downshift one gear each time until the vehicle is in first gear.

## WIDE SELECTION OF WHEELBASE OFFERINGS

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

## UP TO 26,000 LBS. GVWR AND 30,000 LBS. GCWR

The Ford Class A Motorhome Chassis is available in a choice of six (6) GVWR capacities from 16,000 lbs. up to 26,000 lbs. 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 features a very robust 30,000 lbs. GCWR capacity.

## 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) with standard traction control to provide steady, reliable braking performance. Parking brake service includes both a mechanical "lock-up" of the rear axle when the PRNDL indicator is in the 'P' position, as well as a pedal type actuation of a drum type, rear axle mounted driveline parking brake. For added peace of mind, Electronic Stability Control is available on all F-53 chassis.

## FRONT SWAY BAR

The unique to Ford, heavy-duty front sway bar is standard on all Class A Motorhome Chassis 18,000 lbs. GVWR and higher, and optional on the 16,000 lbs. GVWR Chassis. The sway bar contributes to enhanced steering as well as ride and handling characteristics for the vehicle.

## PREMIUM FRONT AND REAR SHOCK ABSORBERS

All Ford Class A Motorhome Chassis are equipped with custom tuned Sachs Twin Tube front and rear shock absorbers to help 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 ALCOA® DURABRIGHT™ SEALED FINISH ALUMINUM WHEELS

Ford 22,000, 24,000 and 26,000 lbs. GVWR chassis are equipped with Alcoa DuraBright LvL ONE® wheels, with the exterior facing surface brightened and sealed to ensure a long-lasting finish. These wheels are not only very attractive, but also virtually maintenance-free and can be cleaned with soap and water.

## POWERFUL HORSEPOWER AND TORQUE

The powerful Ford 7.3L V8 engine delivers the horsepower and torque to meet the motorhome operator's needs. This new engine is a ground-up platform and incorporates up-to-date design and technologies that result in responsive power, performance and economy. Also available with a CNG/Propane Gaseous Engine Prep Package.

## ROBUST STEERING AND 50° WHEEL CUT

The Ford Steering System features a heavy duty-type steering gear, and large linkage for outstanding handling characteristics. Maneuverability and parking are enhanced by a 50° wheel cut capability with 19.5" wheels (or 42° with 22.5" wheels) and a large, 17.5" steering wheel.

# CLASS A MOTORHOME CHASSIS



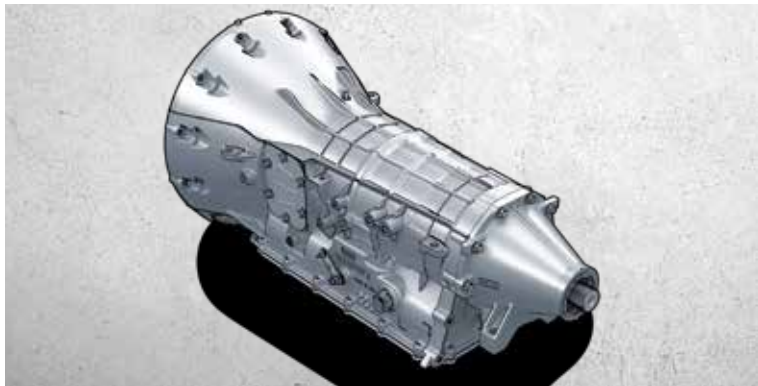
## HIGH-CAPACITY ELECTRICAL COMPONENTS

The standard, high-capacity 210-amp alternator is complemented by a heavy-duty 78-amp hr., 750-CCA battery.



2019 vehicles shown.

# A SOLID FOUNDATION TO BUILD ON



## FORD 7.3L V8 AVAILABLE WITH GASEOUS FUEL PREP PACKAGE

The 7.3L V8 gas engine is available with an optional CNG/Propane Gaseous Fuel Prep Package. The Package includes premium component valves and valve seats, and is required for engine conversions operating on CNG or Propane fuel. The vehicle will also require additional equipment and a certified calibration reflash from an external, Ford-recognized aftermarket supplier.

## FORD 6-SPEED TRANSMISSION

The TorqShift® 6-speed transmission features a rugged torque converter and large capacity fluid pump for optimized cooling and durability. Two overdrive gear ratios are designed to enhance overall vehicle performance. The transmission also includes the unique Ford Tow/Haul Mode which helps delay transmission upshifts reducing the frequency of gear hunting, especially when climbing or descending hills. Transmission properties include Hill Start Assist—which helps prevent vehicle roll-back on inclines; and Neutral Idle, a fuel saving feature, that drops engine idle while stopped and in gear to a lower RPM similar to when the engine is stopped and at idle.

## ANTI-LOCK BRAKE SYSTEM

The Ford Motorhome Chassis are equipped with power hydraulic front and rear anti-lock disc brakes. Positive, reliable braking performance results from these components.

- **Large rotors**
- **Hydraulically-assisted master cylinder**
- **ABS Control Module with standard traction control to help avoid skidding**

## OPTIONAL ELECTRONIC STABILITY CONTROL

The ESC option is a computerized technology that enhances vehicle safety and stability by detecting and reducing loss of traction (skidding). ESC helps minimize loss of control by automatically applying the brakes individually to wheels in either oversteer or understeer situations.



## STRONG, DURABLE FRAME

The frame forms the foundation for the whole motorhome. It must be strong and durable to support the motorhome body, equipment, any slide-outs and cargo.

- **Full-channel, high-tensile steel construction**
- **36,000 PSI steel on 16,000/18,000/20,500/22,000 GVWR models**
- **50,000 PSI steel on 24,000 and 26,000 GVWR models**
- **9.16 inch deep side-rails**

## ENHANCED RIDE CHARACTERISTICS

All Ford Class A Motorhome Chassis are equipped with custom tuned Sachs 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.

Variable-rate jounce bumpers provide exceptional shock reduction when potholes, or other road imperfections are experienced while driving a motorhome. They help to insulate the driver, passengers and contents from road bumps and jolts. Jounce bumpers complement the premium, gas-pressurized shock absorbers, stabilizer bars, and springs to help provide enhanced ride characteristics.

Heavy-duty front and rear stabilizer bars are standard on all Ford Class A motorhome chassis. Also standard equipment is the heavy-duty front sway bar for enhanced ride and handling characteristics (optional on the 16,000 lb. GVWR chassis).



## NO CHARGE CUSTOMER SERVICE

Ford Motorhome Chassis owners can receive 24/7 service assistance by dialing 1-800-444-3311 (see the back cover of this brochure for details). In addition to the 24/7 service assistance, Ford owners are provided Roadside Assistance for 5 years or 60,000 miles, whichever occurs first (see your Ford Dealer for details). These services are provided to the owner at NO CHARGE and are transferable to a new owner as long as the vehicle remains within the time and mileage parameters.

**24/7 SERVICE ASSISTANCE**  
**1-800-444-3311**

# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 16,000 LBS. GVWR MODEL SPECIFICATIONS



2019 model shown.

ITEM	16,000 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
<b>GAWR - Front (lbs.)</b>	6,500
<b>GAWR - Rear (lbs.)</b>	11,000
<b>GVWR (lbs.)</b>	16,000
<b>GCWR (lbs.)</b>	23,000
<b>Wheelbases (in.)</b>	158 / 178 / 190
<b>Curb Weight (lbs.)</b>	6,307 / 6,330 / 6,343
<b>Max. Trailer Capacity (lbs.)</b>	7,000
<b>Trailer Wiring Package</b>	Class II - IV System
<b>Max. Payload (lbs.) (158" WB)</b>	9,690
<b>ENGINE, GASOLINE</b>	
<b>Displacement</b>	7.3L V8 Push Rod Design
<b>Fuel Injection</b>	Port Fuel Injection
<b>Horsepower (SAE Net)</b>	350
<b>Torque (lbs.-ft. SAE Net)</b>	468
<b>TRANSMISSION</b>	
<b>Identification</b>	TorqShift® Automatic Overdrive w/Tow/Haul
<b>Number of Speeds</b>	6
<b>1st Gear Ratio</b>	3.97
<b>OD Gear Ratios</b>	0.67 and 0.85
<b>Tow/Haul Mode</b>	Yes
<b>AXLE, FRONT</b>	
<b>Weight Rating (lbs.)</b>	8,000
<b>Type</b>	Monobeam
<b>Front Tread (in.)</b>	91.6
<b>Wheel Cut</b>	50 Degrees
<b>AXLE, REAR</b>	
	<b>Dana S-110</b>
<b>Weight Rating (lbs.)</b>	11,000
<b>Type</b>	Full-Float
<b>Ratio (to 1)</b>	4.88
<b>U-Joints</b>	1480
<b>Rear Tread (in.) (Center)</b>	74.0
<b>FRAME</b>	
	<b>Single Channel, Ladder Type</b>
<b>Frame Constant Section</b>	9.16 x 3.0 x 0.25
<b>Yield Strength (psi)</b>	36,000
<b>ELECTRICAL</b>	
<b>Alternator Output</b>	210-Amp*/240-Amp (Opt.)
<b>Battery</b>	12 Volt-78 AH / 750 CCA Maintenance-Free
<b>Instrumentation</b>	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center, with Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	16,000 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	
<b>Hydraulic Brake Assist</b>	<b>Power</b> Hydro-Boost - 8.19:1 Ratio
<b>Rotor Size - Front/Rear (dia.)</b>	15.0"/15.0"
<b>Calipers</b>	2-Piston
<b>ABS w/ Std. Traction Control</b>	4-Wheel, 4-Channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
<b>Transmission Actuation</b>	Ford design includes mechanical "lock-up" of the transmission when in park position.
<b>Pedal Actuation</b>	Drum type, rear axle mounted drumline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
<b>Capacity</b>	80 Gallon (302L)
<b>Location</b>	Aft-of-Rear Axle
<b>Filler Location</b>	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	
	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	7,000
<b>Length (in.)</b>	63.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Front / Rear
<b>Jounce Bumpers</b>	Variable Rate, Front
<b>HD Front Track Bar</b>	Optional
<b>SPRINGS, REAR</b>	
	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	11,000
<b>Length (in.)</b>	64.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Rear
<b>STEERING</b>	
<b>Make/Model</b>	<b>Power</b> TRW TAS 40 Gear (Includes Cooler)
<b>Turning Dia. (ft.) (Curb-to-Curb)</b>	49.7 (178" Wheelbase)
<b>Speed Control</b>	Standard
<b>Steering Wheel</b>	17.5" Black Vinyl, Tilt/Telescoping w/ Speed Control
<b>TIRES/WHEELS (Size)</b>	
	<b>19.5"</b>
<b>Tires</b>	(6) 245/70R 19.5G (14PR) Highway Metric Radial Tubeless
<b>Wheels</b>	(6) 19.5" x 6.75", 10-Hole Steel Disc
<b>Spare Wheel &amp; Tire</b>	Optional

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.

# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 18,000 LBS. GVWR MODEL SPECIFICATIONS

2019 model shown.



ITEM	18,000 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
GAWR - Front (lbs.)	7,000
GAWR - Rear (lbs.)	12,000
GVWR (lbs.)	18,000
GCWR (lbs.)	23,000
Wheelbases (in.)	178 / 190 / 208 / 228
Curb Weight (lbs.)	6,362 / 6,403 / 6,464 / 6,532
Max. Trailer Capacity (lbs.)	5,000
Trailer Wiring Package	Class II - IV System
Max. Payload (lbs.) (178" WB)	11,630
<b>ENGINE, GASOLINE</b>	
Displacement	7.3L V8 Push Rod Design
Fuel Injection	Port Fuel Injection
Horsepower (SAE Net)	350
Torque (lbs.-ft. SAE Net)	468
<b>TRANSMISSION</b>	
Identification	TorqShift® Automatic Overdrive w/Tow/Haul
Number of Speeds	6
1st Gear Ratio	3.97
OD Gear Ratios	0.67 and 0.85
Tow/Haul Mode	Yes
<b>AXLE, FRONT</b>	
Weight Rating (lbs.)	8,000
Type	Monobeam
Front Tread (in.)	91.6
Wheel Cut	50 Degrees
<b>AXLE, REAR</b>	
	<b>Dana S-110</b>
Weight Rating (lbs.)	12,000
Type	Full-Float
Ratio (to 1)	4.88
U-Joints	1480
Rear Tread (in.) (Center)	74.0
<b>FRAME</b>	
	<b>Single Channel, Ladder Type</b>
Frame Constant Section	9.16 x 3.0 x 0.25
Yield Strength (psi)	36,000
<b>ELECTRICAL</b>	
Alternator Output	210-Amp*/240-Amp (Opt.)
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Instrumentation	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center with Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	18,000 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	
Hydraulic Brake Assist	Power
Rotor Size - Front/Rear (dia.)	Hydro-Boost - 8.19:1 Ratio
Calipers	15.0"/15.0"
ABS w/ Std. Traction Control	2-Piston
	4-wheel, 4-channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
Transmission Actuation	Ford design includes mechanical "lock-up" of the transmission when in park position.
Pedal Actuation	Drum type, rear axle mounted drumline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
Capacity	80 Gallon (302L)
Location	Aft-of-Rear Axle
Filler Location	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	
	<b>Tapered, Multi-Leaf</b>
Capacity (lbs.)	7,000
Length (in.)	63.0
Shock Absorbers	Gas-Pressurized, Sachs - 2.20" dia.
Stabilizer Bar	Front
Jounce Bumpers	Variable Rate, Front
HD Front Track Bar	Yes
<b>SPRINGS, REAR</b>	
	<b>Tapered, Multi-Leaf</b>
Capacity (lbs.)	12,000
Length (in.)	64.0
Shock Absorbers	Gas-Pressurized, Sachs - 2.20" dia.
Stabilizer Bar	Rear
<b>STEERING</b>	
Make/Model	Power
Turning Dia. (ft.) (Curb-to-Curb)	TRW TAS 40 Gear (Includes Cooler)
Speed Control	49.7 (178" Wheelbase)
Steering Wheel	Standard
	17.5" Black Vinyl, Tilt/Telescoping w/ Speed Control
<b>TIRES/WHEELS (Size)</b>	
	<b>19.5"</b>
Tires	(6) 245/70R 19.5G (14PR) Highway Metric Radial Tubeless
Wheels	(6) 19.5" x 6.75", 10-Hole Steel Disc
Spare Wheel & Tire	Optional

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.

# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 20,500 LBS. GVWR MODEL SPECIFICATIONS



2019 model shown.

ITEM	20,500 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
<b>GAWR - Front (lbs.)</b>	7,000 (Standard); 7,500 (Optional)
<b>GAWR - Rear (lbs.)</b>	13,500
<b>GVWR (lbs.)</b>	20,500
<b>GCWR (lbs.)</b>	26,000
<b>Wheelbases (in.)</b>	208 / 228
<b>Curb Weight (lbs.)</b>	6,530 / 6,598
<b>Max. Trailer Capacity (lbs.)</b>	5,500
<b>Trailer Wiring Package</b>	Class II - IV System
<b>Max. Payload (lbs.) (208" WB)</b>	13,970
<b>ENGINE, GASOLINE</b>	
<b>Displacement</b>	7.3L V8 Push Rod Design
<b>Fuel Injection</b>	Port Fuel Injection
<b>Horsepower (SAE Net)</b>	350
<b>Torque (lbs.-ft. SAE Net)</b>	468
<b>TRANSMISSION</b>	
<b>Identification</b>	TorqShift® Automatic Overdrive w/Tow/Haul
<b>Number of Speeds</b>	6
<b>1st Gear Ratio</b>	3.97
<b>OD Gear Ratios</b>	0.67 and 0.85
<b>Tow/Haul Mode</b>	Yes
<b>AXLE, FRONT</b>	
<b>Weight Rating (lbs.)</b>	8,000
<b>Type</b>	Monobeam
<b>Front Tread (in.)</b>	91.6
<b>Wheel Cut</b>	50 Degrees
<b>AXLE, REAR</b>	<b>Dana S110</b>
<b>Weight Rating (lbs.)</b>	13,500
<b>Type</b>	Full-Float
<b>Ratio (to 1)</b>	5.86
<b>U-Joints</b>	1480
<b>Rear Tread (in.) (Center)</b>	74.0
<b>FRAME</b>	<b>Single Channel, Ladder Type</b>
<b>Frame Constant Section</b>	9.16 x 3.0 x 0.25
<b>Yield Strength (psi)</b>	36,000
<b>ELECTRICAL</b>	
<b>Alternator Output</b>	210-Amp*/240-Amp (Opt.)
<b>Battery</b>	12 Volt-78 AH / 750 CCA Maintenance-Free
<b>Instrumentation</b>	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center with Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	20,500 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	<b>Power</b>
<b>Hydraulic Brake Assist</b>	HydroMax - 21:1:1 Ratio
<b>Rotor Size - Front/Rear (dia.)</b>	15.0"/15.0"
<b>Calipers</b>	2-Piston
<b>ABS w/ Std. Traction Control</b>	4-wheel, 4-channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
<b>Transmission Actuation</b>	Ford design includes mechanical "lock-up" of the transmission when in park position.
<b>Pedal Actuation</b>	Drum type, rear axle mounted driveline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
<b>Capacity</b>	80 Gallon (302L)
<b>Location</b>	Aft-of-Rear Axle
<b>Filler Location</b>	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	7,000 (Standard); 7,500 (Optional)
<b>Length (in.)</b>	63.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Front
<b>Jounce Bumpers</b>	Variable Rate, Front
<b>HD Front Track Bar</b>	Yes
<b>SPRINGS, REAR</b>	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	13,500
<b>Length (in.)</b>	64.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Rear
<b>STEERING</b>	<b>Power</b>
<b>Make/Model</b>	TRW TAS 40 Gear (Includes Cooler)
<b>Turning Dia. (ft.) (Curb-to-Curb)</b>	56.1 (208" Wheelbase)
<b>Speed Control</b>	Standard
<b>Steering Wheel</b>	17.5" Black Vinyl, Tilt/Telescoping w/ Speed Control
<b>TIRES/WHEELS (Size)</b>	<b>19.5"</b>
<b>Tires</b>	(6) 245/70R 19.5G (14PR) Highway Metric Radial Tubeless
<b>Wheels</b>	(6) 19.5" x 6.75", 10-Hole Steel Disc
<b>Spare Wheel &amp; Tire</b>	Optional

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.



# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 22,000 LBS. GVWR MODEL SPECIFICATIONS

2019 model shown.



ITEM	22,000 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
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.)	6,699 / 6,785 / 6,852
Max. Trailer Capacity (lbs.)	4,000
Trailer Wiring Package	Class II - IV System
Max. Payload (lbs.) (208" WB)	15,300
<b>ENGINE, GASOLINE</b>	
Displacement	7.3L V8 Push Rod Design
Fuel Injection	Port Fuel Injection
Horsepower (SAE Net)	350
Torque (lbs.-ft. SAE Net)	468
<b>TRANSMISSION</b>	
Identification	TorqShift® Automatic Overdrive w/Tow/Haul
Number of Speeds	6
1st Gear Ratio	3.97
OD Gear Ratios	0.67 and 0.85
Tow/Haul Mode	Yes
<b>AXLE, FRONT</b>	
Weight Rating (lbs.)	8,000
Type	Monobeam
Front Tread (in.)	90.7
Wheel Cut	50 Degrees-19.5" Wheels/ 42 Degrees-22.5" Wheels
<b>AXLE, REAR</b>	
	<b>Dana S130</b>
Weight Rating (lbs.)	15,000
Type	Full-Float
Ratio (to 1)	5.86
U-Joints	1480
Rear Tread (in.) (Center)	73.3
<b>FRAME</b>	
	<b>Single Channel, Ladder Type</b>
Frame Constant Section	9.16 x 3.0 x 0.25
Yield Strength (psi)	36,000
<b>ELECTRICAL</b>	
Alternator Output	210-Amp*/240-Amp (Opt.)
Battery	12 Volt-78 AH / 750 CCA Maintenance-Free
Instrumentation	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center with Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	22,000 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	
Hydraulic Brake Assist	Power
Rotor Size - Front/Rear (dia.)	HydroMax - 21.1:1 Ratio
Calipers	15.0"/15.0"
ABS w/ Std. Traction Control	2-Piston
	4-wheel, 4-channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
Transmission Actuation	Ford design includes mechanical "lock-up" of the transmission when in park position.
Pedal Actuation	Drum type, rear axle mounted driveline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
Capacity	80 Gallon (302L)
Location	Aft-of-Rear Axle
Filler Location	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	
	<b>Tapered, Multi-Leaf</b>
Capacity (lbs.)	8,000
Length (in.)	63.0
Shock Absorbers	Gas-Pressurized, Sachs - 2.20" dia.
Stabilizer Bar	Front
Jounce Bumpers	Variable Rate, Front
HD Front Track Bar	Yes
<b>SPRINGS, REAR</b>	
	<b>Tapered, Multi-Leaf</b>
Capacity (lbs.)	15,000
Length (in.)	64.0
Shock Absorbers	Gas-Pressurized, Sachs - 2.20" dia.
Stabilizer Bar	Rear
<b>STEERING</b>	
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/Telescoping w/Speed Control
<b>TIRES/WHEELS (Size)</b>	
Tires	<b>19.5" or 22.5" BSW</b>
	(6) 235/80R 22.5G BSW (14PR) (Standard) Highway Tires
	(6) 245/70R 19.5G (14PR) (Optional) All-Season Radial
Wheels	(6) 22.5" x 7.5", 8-Hole Disc sealed bright finish Aluminum Front and Rear (with Steel Inner Rear) (Standard)
	(6) 19.5" x 6.75" 10-Hole Steel Disc (Optional)
Spare Wheel & Tire	Optional with 19.5" Wheels

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.

# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 24,000 LBS. GVWR MODEL SPECIFICATIONS



2019 model shown.

ITEM	24,000 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
<b>GAWR - Front (lbs.)</b>	9,000
<b>GAWR - Rear (lbs.)</b>	15,500
<b>GVWR (lbs.)</b>	24,000
<b>GCWR (lbs.)</b>	30,000
<b>Wheelbases (in.)</b>	228 / 242 / 252
<b>Curb Weight (lbs.)</b>	7,267 / 7,334 / 7,381
<b>Max. Trailer Capacity (lbs.)</b>	6,000
<b>Trailer Wiring Package</b>	Class II - IV System
<b>Max. Payload (lbs.) (228" WB)</b>	16,730
<b>ENGINE, GASOLINE</b>	
<b>Displacement</b>	7.3L V8 Push Rod Design
<b>Fuel Injection</b>	Port Fuel Injection
<b>Horsepower (SAE Net)</b>	350
<b>Torque (lbs.-ft. SAE Net)</b>	468
<b>TRANSMISSION</b>	
<b>Identification</b>	TorqShift® Automatic Overdrive w/Tow/Haul
<b>Number of Speeds</b>	6
<b>1st Gear Ratio</b>	3.97
<b>OD Gear Ratios</b>	0.67 and 0.85
<b>Tow/Haul Mode</b>	Yes
<b>AXLE, FRONT</b>	
<b>Weight Rating (lbs.)</b>	9,000
<b>Type</b>	Monobeam
<b>Front Tread (in.)</b>	92.6
<b>Wheel Cut</b>	50 Degrees
<b>AXLE, REAR</b>	
	<b>Dana S-140</b>
<b>Weight Rating (lbs.)</b>	17,500
<b>Type</b>	Full-Float
<b>Ratio (to 1)</b>	6.14
<b>U-Joints</b>	SPL90
<b>Rear Tread (in.) (Center)</b>	71.9
<b>FRAME</b>	
	<b>Single Channel, Ladder Type</b>
<b>Frame Constant Section</b>	9.16 x 3.0 x 0.25
<b>Yield Strength (psi)</b>	50,000
<b>ELECTRICAL</b>	
<b>Alternator Output</b>	210-Amp*/240-Amp (Opt.)
<b>Battery</b>	12 Volt-78 AH / 750 CCA Maintenance-Free
<b>Instrumentation</b>	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center With Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	24,000 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	
<b>Hydraulic Brake Assist</b>	Power
<b>Rotor Size - Front/Rear (dia.)</b>	HydroMax - 21.1:1 Ratio
<b>Calipers</b>	15.0" / 15.0"
<b>ABS w/ Std. Traction Control</b>	2-Piston
	4-wheel, 4-channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
<b>Transmission Actuation</b>	Ford design includes mechanical "lock-up" of the transmission when in park position.
<b>Pedal Actuation</b>	Drum type, rear axle mounted driveline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
<b>Capacity</b>	80 Gallon (302L)
<b>Location</b>	Aft-of-Rear Axle
<b>Filler Location</b>	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	
	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	9,000
<b>Length (in.)</b>	63.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Front
<b>Jounce Bumpers</b>	Variable Rate, Front
<b>HD Front Track Bar</b>	Yes
<b>SPRINGS, REAR</b>	
	<b>Tapered, Multi-Leaf</b>
<b>Capacity (lbs.)</b>	15,500
<b>Length (in.)</b>	64.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Rear
<b>STEERING</b>	
<b>Make/Model</b>	Power
<b>Turning Dia. (ft.) (Curb-to-Curb)</b>	TRW TAS 55 Gear (Includes Cooler)
<b>Speed Control</b>	60.6 (228" Wheelbase)
<b>Steering Wheel</b>	Standard
	17.5" Black Vinyl, Tilt/Telescoping w/ Speed Control
<b>TIRES/WHEELS (Size)</b>	
	<b>22.5"</b>
<b>Tires</b>	(6) 255/80R 22.5G BSW (14PR) Highway Metric Radial Tubeless
<b>Wheels</b>	(6) 22.5" x 7.5", 8-Hole Disc sealed bright finish Aluminum Front and Rear (with Steel Inner Rear) (Standard)
<b>Spare Wheel &amp; Tire</b>	Not Available

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.

# 2021 F-SERIES SUPER DUTY® CLASS A MOTORHOME CHASSIS

## 26,000 LBS. GVWR MODEL SPECIFICATIONS

2019 model shown.



ITEM	26,000 LBS. GVWR MODEL
<b>CHASSIS RATINGS</b>	
<b>GAWR - Front (lbs.)</b>	9,000
<b>GAWR - Rear (lbs.)</b>	17,500
<b>GVWR (lbs.)</b>	26,000
<b>GCWR (lbs.)</b>	30,000
<b>Wheelbases (in.)</b>	228 / 242 / 252
<b>Curb Weight (lbs.)</b>	7,279 / 7,346 / 7,394
<b>Max. Trailer Capacity (lbs.)</b>	4,000
<b>Trailer Wiring Package</b>	Class II - IV System
<b>Max. Payload (lbs.) (228" WB)</b>	18,720
<b>ENGINE, GASOLINE</b>	
<b>Displacement</b>	7.3L V8 Push Rod Design
<b>Fuel Injection</b>	Port Fuel Injection
<b>Horsepower (SAE Net)</b>	350
<b>Torque (lbs.-ft. SAE Net)</b>	468
<b>TRANSMISSION</b>	
<b>Identification</b>	TorqShift® Automatic Overdrive w/Tow/Haul
<b>Number of Speeds</b>	6
<b>1st Gear Ratio</b>	3.97
<b>OD Gear Ratios</b>	0.67 and 0.85
<b>Tow/Haul Mode</b>	Yes
<b>AXLE, FRONT</b>	
<b>Weight Rating (lbs.)</b>	9,000
<b>Type</b>	Monobeam
<b>Front Tread (in.)</b>	92.6
<b>Wheel Cut</b>	50 Degrees
<b>AXLE, REAR</b>	
<b>Weight Rating (lbs.)</b>	<b>Dana S-140</b> 17,500
<b>Type</b>	Full-Float
<b>Ratio (to 1)</b>	6.14
<b>U-Joints</b>	SPL90
<b>Rear Tread (in.) (Center)</b>	71.9
<b>FRAME</b>	
<b>Frame Constant Section</b>	<b>Single Channel, Ladder Type</b> 9.16 x 3.0 x 0.25
<b>Yield Strength (psi)</b>	50,000
<b>ELECTRICAL</b>	
<b>Alternator Output</b>	210-Amp*/240-Amp (Opt.)
<b>Battery</b>	12 Volt-78 AH / 750 CCA Maintenance-Free
<b>Instrumentation</b>	Speedometer, Odometer, Trip Odometer, Oil Pressure, Coolant Temperature, Fuel Gauge, Transmission Temperature, Indicator Lights & Message Center With Distance-To-Empty and Check Fuel Cap
<b>Configurable Daytime Running Lights Standard</b>	

ITEM	26,000 LBS. GVWR MODEL
<b>BRAKES, SERVICE</b>	
<b>Hydraulic Brake Assist</b>	HydroMax - 21:1:1 Ratio
<b>Rotor Size - Front/Rear (dia.)</b>	15.0" / 15.0"
<b>Calipers</b>	2-Piston
<b>ABS w/ Std. Traction Control</b>	4-wheel, 4-channel, Anti-Lock Brake System
<b>BRAKES, PARKING</b>	
<b>Transmission Actuation</b>	Ford design includes mechanical "lock-up" of the transmission when in park position.
<b>Pedal Actuation</b>	Drum type, rear axle mounted driveline with single stroke pedal actuation. Hand release of brake.
<b>FUEL TANK</b>	
<b>Capacity</b>	80 Gallon (302L)
<b>Location</b>	Aft-of-Rear Axle
<b>Filler Location</b>	Left hand side fuel fill
<b>SPRINGS, FRONT</b>	
<b>Capacity (lbs.)</b>	<b>Tapered, Multi-Leaf</b> 9,000
<b>Length (in.)</b>	63.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Front
<b>Jounce Bumpers</b>	Variable Rate, Front
<b>HD Front Track Bar</b>	Yes
<b>SPRINGS, REAR</b>	
<b>Capacity (lbs.)</b>	<b>Tapered, Multi-Leaf</b> 17,500
<b>Length (in.)</b>	64.0
<b>Shock Absorbers</b>	Gas-Pressurized, Sachs - 2.20" dia.
<b>Stabilizer Bar</b>	Rear
<b>STEERING</b>	
<b>Make/Model</b>	TRW TAS 55 Gear (Includes Cooler)
<b>Turning Dia. (ft.) (Curb-to-Curb)</b>	60.6 (228" Wheelbase)
<b>Speed Control</b>	Standard
<b>Steering Wheel</b>	17.5" Black Vinyl, Tilt/Telescoping w/ Speed Control
<b>TIRES/WHEELS (Size)</b>	
<b>Tires</b>	<b>22.5"</b> (6) 255/80R 22.5G BSW (14PR) Highway Metric Radial Tubeless
<b>Wheels</b>	(6) 22.5" x 7.5", 8-Hole Disc sealed bright finish Aluminum Front and Rear (with Steel Inner Rear) (Standard)
<b>Spare Wheel &amp; Tire</b>	Not Available

\*210-Amp output based on cold performance at 80°F. Actual output is temperature and application dependent.

# CUSTOMER 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 1,900 Ford dealerships in the U.S. and Canada provide Class A motorhome service 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 recreational vehicle. It states the RV owner's rights and responsibilities, and should be read carefully.

## MORE MOTORHOMES ARE BUILT ON FORD CHASSIS THAN ANY OTHER BRAND†

Outstanding 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, over 64 percent of Class A gas engine buyers selected a motorhome built on the Ford Chassis!†

\* 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.

† Based on the third-party 2019CY registration data provided by Statistical Surveys, Inc.

**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.



Commercial Vehicle Sales & Marketing  
North American Fleet, Lease and Remarketing Operations  
Ford Motor Company



COMMERCIAL  
VEHICLE CENTER

Information is provided on an "as is" basis and could include technical, typographical or other errors. Ford makes no warranties, representations, or guarantees of any kind, expressed or implied, including but not limited to, accuracy, currency, or completeness, the information, materials, content, availability, and products. Ford reserves the right to change specifications, pricing and equipment at any time without incurring obligations. Your Ford dealer is the best source of the most up-to-date information on Ford vehicles.



COMMERCIAL  
VEHICLES