

FORD COMMERCIAL VEHICLES

2022 E-SERIES CUTAWAY

CLASS C MOTORHOME CHASSIS

2021 TRANSIT 350 CUTAWAY

CLASS C MOTORHOME CHASSIS

2021 TRANSIT 350 CARGO VAN

CLASS B MOTORHOME CHASSIS



2021 E Series Model Shown.



2016 Transit Cutaway model shown.

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



**COMMERCIAL
VEHICLES**

FORDUPFITS.COM

TRANSIT CARGO VAN AND CUTAWAY CHASSIS

TRANSIT CARGO VAN

- 3 body lengths
- 3 roof heights
- Up to 487.3 cubic feet of cargo (behind first row)
- Up to 5,110 pounds of cargo

TRANSIT CUTAWAY

- 3 wheelbases
- Up to 6,400 pounds payload capacity

Provides a great foundation for a small Class C motorhome!

RANGE OF WEIGHT RATINGS

CARGO VAN

- Transit 350/350HD Cargo Van Gross Vehicle Weight Rating (GVWR) from 9,070 lbs. to 11,000 lbs.
- Gross Combined Weight Rating (GCWR) up to 13,000 lbs.

CUTAWAY

- GVWR from 9,070 lbs. to 11,000 lbs.
- GCWR up to 15,000 lbs.

ENGINE AND POWER OPTIONS

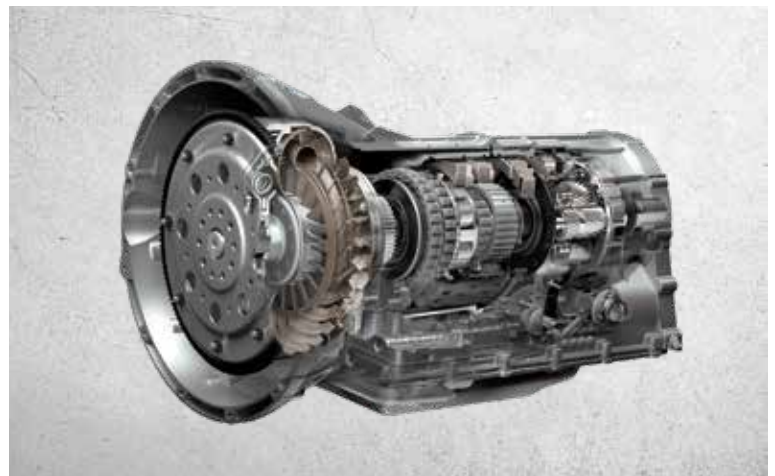
- 3.5L PFDi V6*
 - 275 HP @ 6,500 RPM
 - 262 lbs.-ft. @ 3,750 RPM
- Available 3.5L EcoBoost® V6
 - 310 HP @ 5,000 RPM
 - 400 lbs.-ft. @ 2,500 RPM
- Available 3.5L EcoBoost V6 Economy-Rated Engine**
 - Engine ratings to be announced

*Flex-fuel capable

**Will be available on Cutaway and Chassis Cab. Availability date to be announced

TRANSMISSION

- 10-speed Automatic with SelectShift® capability
 - SelectShift provides two modes of operation to choose from: Progressive Range Select lets the driver press the toggle switch on the shift lever to reduce the range of available gears while in drive. Or choose Full Manual function by moving the shift lever into "M" for manual mode and use the same toggle switch to select the gear desired
- Two overdrive gears
- Heavy-Duty Trailer Tow Package is included with RV Prep Package (Cargo Van) and Tow/Haul package is included with Motorhome Prep Package (Cutaway)



TRANSIT CARGO VAN AND CUTAWAY CHASSIS

CARGO VAN AND CUTAWAY CONVENIENCE FEATURES

- **Standard storage:**
 - Top of instrument panel
 - Instrument panel glove box
 - Overhead shelf (Opt.)
- **Available Integrated Trailer Brake Controller**
 - The Trailer Brake Controller is integrated with the anti-lock braking system and synchronizes vehicle and electric trailer brakes for seamless braking even with heavy loads
- **Available user-defined Upfitter Switches (4)**

ENTERTAINMENT/ELECTRONICS OPTIONS

- **Audio Package - AM/FM stereo with 4.0" multi-function display, Bluetooth, and Dual USB ports**
- **Audio Package - SYNC 3® with 4.0" multi-function display, AM/FM stereo, Bluetooth, and Dual USB ports**
- **Audio Package - HD/SiriusXM® capability, SYNC 3 with 4.0" multi-function display, AM/FM stereo, Bluetooth, and Dual USB ports**
- **Audio Package - SYNC 3 with 8.0" colored multi-function touch screen, AM/FM stereo, Bluetooth, audio input jack, and Dual USB ports**
- **Audio Package - HD/SiriusXM® capability, SYNC 3 and a 8.0" colored multi-function touch screen with Navigation, AM/FM stereo, Bluetooth, audio input jack, and Dual USB ports**

MANY SEATING OPTIONS

- Vinyl, Cloth, and Leather
- Manual and power adjust
- Swivel

AVAILABLE XLT CARGO VAN RV PREP PACKAGE (47D) INCLUDES

- Modified Vehicle Wiring System
- Heavy-Duty trailer tow package
- Availability: Cargo Van (Medium/High Roof only)
- And much more

AVAILABLE CUTAWAY MOTORHOME PREP PACKAGE INCLUDES

- Adaptive Cruise Control
 - Tow/Haul mode with trailer wiring provisions
 - SYNC 3 with 4" Screen
 - Modified Vehicle Wiring
 - Trailer wiring provisions
 - Dual AGM Batteries
 - Auxiliary fuse panel
 - Two 4-way manually-adjustable swivel seats
 - Exterior upgrade package
- Options include:**
- 4-way manual swivel Driver and Passenger seats
 - HID Headlamps
 - Upgraded audio package



E-SERIES CLASS C MOTORHOME CUTAWAY CHASSIS

CLASS C MOTORHOME CHASSIS HAS AN OUTSTANDING 14,500 LBS. GVWR AND 22,000 LBS. GCWR

The Ford Class C Motorhome Chassis is available in a choice of GVWR capacities from 10,050 lbs. up to 14,500 lbs. GVWR. This wide selection of chassis allows motorhome manufacturers to more closely match their motorhome body to the required chassis payload capacity. In addition, the Ford 14,500 GVWR chassis features a robust 22,000 lbs. GCWR resulting in a maximum towing capability of over 9,000 lbs.

POWERTRAIN

7.3L PREMIUM AND 7.3L ECONOMY RATED ENGINES

- **350 HP/468 ft.-lbs. of torque (Premium)**
- **300 HP/425 ft.-lbs. of torque (Economy)**
- **Standard higher HP premium rating**
- **Optional lower HP economy rating**
- **Available with CNG/Propane Prep Package***
- **Fail-Safe Cooling**

Mated to the TorqShift® 6-speed automatic overdrive transmission with Tow/Haul Mode and SelectShift™ capability.

- **Two efficient 0.85:1 and 0.67:1 overdrive ratios**
- **Tow/Haul Mode (see below)**
- **SelectShift capability**
- **Standard with Hill Start Assist**

TRANSMISSION

The 6-speed TorqShift transmission features a 36-month/36,000 mile service interval and a selectable Tow/Haul mode.

TOW/HAUL MODE

Tow/Haul helps reduce gear hunting, enhances power delivery and uses engine braking to help control vehicle speed when descending hills. The driver does not have to be towing to use and appreciate Tow/Haul. 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. Also 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. Pressing and releasing the brake pedal again will cause the transmission to downshift one gear each time until the vehicle is in first gear. Brake heating and wear are greatly reduced and the driver will have increased confidence the vehicle's brakes will function as desired at the bottom of a long hill!



*Economy rating comes with GVWR and other restrictions.

E-SERIES CLASS C MOTORHOME CUTAWAY CHASSIS

GREAT RIDE, STEERING AND HANDLING

The front and rear suspension systems include robust stabilizer bars to help deliver solid handling. Front and rear shock absorbers are rated to the load range of each model, and tuned to deliver a smooth ride. The steering gear boost-curve enhances road feel and provides excellent steering feedback to the driver.

AFT-OF-AXLE FUEL TANK

- **A 40-gallon aft-of-axle fuel tank is standard on E-350 and available on E-450**
- **A 55-gallon aft-of-axle fuel tank is standard on E-450 and available on E-350 DRW with 158 inch wheelbase**

An Auxiliary Fuel Port, located on the fuel tank, offers entry point access to the fuel tank for specialized gas powered equipment such as a power generator.

MOTORHOME PREP PACKAGE

- **High-Series Exterior Upgrade Package**
- **Power door locks and windows**
- **Manual pedestals**
- **Cruise control**
- **Cloth sun visors**
- **Class I Trailer Tow Prep Package**
- **Tire Pressure Monitoring System (DRW)**

SAFETY FEATURES

- **Standard Traction Control with brakes**
- **Optional Driver Assist Technology package, with the following features:**
 - **Automatic Emergency Braking**
 - **Distance Alert/Indication**
 - **Post Impact Braking**
 - **Adaptive Cruise Control**
 - **Lane Departure Warning**
 - **Driver Alert**
 - **Auto High Beam Control**

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 also 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 coverages.

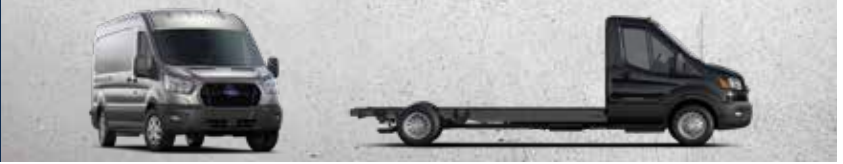


24/7 SERVICE ASSISTANCE
1-800-444-3311

2021 TRANSIT CARGO VAN AND CUTAWAY CHASSIS

2020 chassis model shown.

TRANSIT 350/350HD SPECIFICATIONS (OTHER MODELS AVAILABLE)



ITEM	CARGO VAN	CUTAWAY
CHASSIS (lbs.)		
Max. GAWR - Front	4,630	4,630
Max. GAWR - Rear	6,000 (SRW) / 7,700 (DRW)	5,750 (SRW) / 7,700 (DRW)
Max. GVWR	9,500 (SRW) / 11,000 (DRW)	9,500 (SRW) / 11,000 (DRW)
Max. GCWR	12,600 (SRW) / 13,000 (DRW)	15,000
Wheelbases (in.)	129.9, 147.6	138, 155.7, 178
Curb Weight (SRW)	5,769 (3.5L PFDi) / 5,847 (3.5L EcoBoost®)	4,599 (3.5L PFDi)
Curb Weight (DRW)	5,985 (3.5L PFDi) / 6,065 (3.5L EcoBoost)	4,875 (3.5L PFDi)
Max. Trailer Weight	6,700	7,500
Payload (Max.) (DRW)	4,550 (3.5L PFDi) / 4,870 (3.5L GTDi EcoBoost)	5,230 (3.5L PFDi) / 6,290 (3.5L GTDi EcoBoost)
ENGINE, GASOLINE (Standard)		
Displacement / HP / Torque (lbs.-ft.)	3.5L PFDi V6 / 275 HP @ 6,500 RPM / 262 lbs.-ft. @ 3,750 RPM	3.5L PFDi V6 / 275 HP @ 6,500 RPM / 262 lbs.-ft. @ 3,750 RPM
ENGINE, GASOLINE (Optional)		
Displacement / HP / Torque (lbs.-ft.)	3.5L EcoBoost V6 / 310 HP @ 5,000 RPM / 400 lbs.-ft. @ 2,500 RPM (RWD)	3.5L EcoBoost V6 / 310 HP @ 5,000 RPM / 440 lbs.-ft. @ 2,500 RPM (RWD)
Displacement / HP / Torque (lbs.-ft.)	3.5L EcoBoost V6 / 295 HP @ 5,000 RPM / 375 lbs.-ft. @ 2,500 RPM (AWD)	3.5L EcoBoost V6 / 295 HP @ 5,000 RPM / 375 lbs.-ft. @ 2,500 RPM (AWD)
TRANSMISSION		
Identification	10-speed SelectShift® Automatic Overdrive	10-speed SelectShift Automatic Overdrive
1st Gear Ratio	4.69:1	4.69:1
Tow/Haul Mode	–	Included With Motorhome Prep Package
AXLE, (Front) SUSPENSION (lbs.)		
Weight Rating (lbs.)	4,630	4,630
Type	MacPherson Strut	MacPherson Strut
Track (in.)	68.2 (SRW) / 68.5 (DRW)	68.2 (SRW) / 68.5 (DRW)
AXLE, REAR		
Weight Rating (lbs.)	6,000 (SRW) / 7,700 (DRW)	5,750 (SRW) / 7,700 (DRW)
Ratio (to 1)	3.31 / 3.73 / 4.10	3.31 / 3.73 / 4.10
Rear Track (in.)	68.6 (SRW) / 65.7 (DRW)	68.6 (SRW) / 65.7 (DRW)
ELECTRICAL		
Alternator Output HD	12-Volt System	12-Volt System
Battery	250-Amp (Gas)	250-Amp (Gas)
Wiring, Modified	70-AH, 610-CCA (Std. Gas)	70-AH, 610-CCA (Std. Gas)
	Included With RV Prep Package	Included With Motorhome Prep Package
BRAKES, SERVICE		
Rotor Size - Front/Rear (in.)	Vacuum Boost, Self-Adjusting	Vacuum Boost, Self-Adjusting
ABS	12.1 / 12.1	12.1 / 12.1
	4-wheel Disc With 4-wheel Anti-Lock	4-wheel Disc With 4-wheel Anti-Lock
BRAKES, PARKING		
Transmission Park	Rear Wheel; Hand Actuated	Rear Wheel; Hand Actuated
	Park Pawl Standard	Park Pawl Standard
FUEL TANK		
Capacity	25 Gallon (Std.)/31 Gallon (Opt.)	25 Gallon (Std.)/31 Gallon (Opt.)
Location	Mid-Ship	Mid-Ship
Filler Location	Left Hand Side Fuel Fill	Left Hand Side Fuel Fill
Auxiliary Fuel Port	Standard	Standard
SUSPENSION, FRONT		
Stabilizer Bar	MacPherson Strut Including Coil Spring and Shock	MacPherson Strut Including Coil Spring and Shock
	Standard	Standard
SPRINGS, REAR		
Capacity (lbs.)	Leaf	Leaf
Shock Absorbers	6,000 (SRW) / 7,700 (DRW)	5,750 (SRW) / 7,700 (DRW)
	HD	HD
STEERING		
Turning Diameter (ft.) (Curb-to-Curb)	HD Power	HD Power
Cruise Control	48.0 (SRW) / 47.8 (DRW) (LWB)	45.2/45.0 (138" WB) 50.3/50.1 (156" WB) 56.4 (178" WB)
	Included with XLT	Included With Motorhome Prep Package
TIRES/WHEELS		
Tires	235/65R16C (SRW); 195/75R16C (DRW)	235/65R16C (SRW); 195/75R16C (DRW)
Wheels	16.0" Steel or Forged Aluminum	16.0" Steel or Forged Aluminum
Tire Pressure Monitor System	SRW Only	

2022 E-SERIES CLASS C MOTORHOME CUTAWAY CHASSIS

2020 models shown.

E-350/450 SPECIFICATIONS



ITEM	CUTAWAY	ITEM	CUTAWAY
CHASSIS RATINGS		ELECTRICAL	
Max. GAWR - Front (lbs.)	5,000 (E-350) 5,000 (E-450)	Alternator Output**	12-Volt System Standard 210 Amp Heavy Duty Alternator Optional 240 Amp Extra Heavy-Duty Alternator Optional Dual 240A/157A Alternators
Max. GAWR - Rear (lbs.)	7,800 (SRW), 8,500 (DRW) (E-350) 9,600 (E-450)	Battery	HD 78-AH/750-CCA (Std.) Dual HD 78-AH/750-CCA (Opt.)
Max. GVWR (lbs.)	10,050 SRW w/138" or 158" WB (E-350) 11,500 DRW w/138" WB (E-350) 12,500 DRW w/158" or 176" WB (E-350) 14,000 7.3L ECO, 14,200, 14,500 7.3L Prem, (E-450)	Wiring	Modified Vehicle Wiring Kit
Max. GCWR (lbs.)	18,500 (E-350) 22,000 (E-450)	BRAKES, SERVICE	Power, Self-Adjusting
Wheelbases (in.)	138, 158, 176 (E-350) 158, 176 (E-450)	Hydraulic Brake Assist	Vacuum Boost (SRW E-350) Hydro-Boost (DRW E-350 and E-450)
Curb Weight (lbs. w/Std. Equipment)	4,950 SRW, 5,225 DRW w/138" WB (E-350) 5,012 SRW, 5,287 DRW w/158" WB (E-350) 5,292 DRW w/176" WB (E-350) 5,512 w/158" WB (E-450) 5,519 w/176" WB (E-450)	Rotor Size - Front/Rear (Dia.)	13.58"/13.58"
Max. Trailer Capacity (lbs.)	See your Dealer and RV Manufacturer Info	ABS	4-wheel Disk With 4-wheel Anti-Lock
Trailer Wiring Package	Class I	BRAKES, PARKING	
Payload (lbs. - Max.)	7,330 (E-350), 9,040 (E-450)	Transmission Actuation	Mechanical "lock-up" of the transmission when in park position
ENGINE, GASOLINE (Standard)		Pedal Actuation	Drum-In-Hat type, rear axle mounted, foot operated; push to apply/pull handle to disengage
Displacement	7.3L V8 Push Rod Design	FUEL TANK	
Fuel Injection	Port Fuel Injection	Capacity	40.0 Gallon (151L) (Std. on E-350) 55.0 Gallon (208L) (Opt. w/158" DRW only) (E-350) 55.0 Gallon (208L) (Std. on E-450) 40.0 Gallon (151L) (Opt. on E-450)
Horsepower (SAE Net)	300 @ 3,750 RPM (Econ)/350 @ 3,900 RPM (Prem)	Location	Aft-of-Rear Axle
Torque (lb.-ft.) (SAE Net)	425 @ 3,250 RPM (Econ)/468 @ 3,900 RPM (Prem)	Filler Location	Left Hand Side Fuel Fill
TRANSMISSION	6-SPEED	Fuel Port	Auxiliary (Std.)
Identification	TorqShift® Auto. Overdrive	SPRINGS, FRONT	
Number of Speeds	6	Capacity (lbs.)	4,050 SRW/DRW w/138" WB 7.3L LO (E-350) 4,200 SRW, 4,600 DRW (E-350) 4,600/5,000 (E-450)
1st Gear Ratio	3.97	Spring Type	Coil
OD Gear Ratio (5th)	0.85 & 0.67	Shock Absorbers	1.38" Diameter HD Gas Type
Tow/Haul Mode	Standard	Stabilizer Bar	1.00" Diameter (SRW), 0.905" Diameter (DRW)
AXLE, FRONT (lbs.)		SPRINGS, REAR	Multi-Leaf, Single Stage
Weight Rating (lbs.)	5,000	Capacity (lbs.)	7,310 SRW, 7,800 DRW w/138" WB, 8,500 DRW (E-350) 9,600 (E-450)
Type	Twin I-Beam IFS	Length (in.)	55.0 SRW, 58.5 (DRW E-350); 58.5 (E-450)
Front Track (in.)	69.4	Shock Absorbers	1.38" Diameter HD Gas Type
AXLE, REAR		Stabilizer Bar	None (SRW); 1.125" Diameter (DRW E-350) 1.125 (E-450)
Type	Dana 10.5" – Full-Floating (E-350) Dana 10.75" HD – Full-Floating (E-450)	STEERING	HD Power
Weight Rating (lbs.)	7,800 (138" WB) (E-350) 8,500 (138" DRW, 158" SRW/DRW and 176" DRW) (E-350) 9,600 (E-450)	Turning Diameter (ft.)	48.6 SRW, 48.6 DRW w/138" WB
Ratio (to 1)*	4.56 (Std.), 4.10 LS (Opt.) E-350 4.56 (Std.) E-450	(Curb-to-Curb)	54.8 w/158" WB, 60.3 w/176" WB
U-Joints	4.25" Circular Flange (E-350) 4.75" Circular Flange (E-450)	Cruise Control	Included With Motorhome Prep Package
Rear Track (in.)	72.1 SRW, 75.4 DRW (E-350), 77.7 (E-450)	Steering Wheel	15.5" Black Vinyl, Tilt
FRAME	Single Channel, Ladder Type	TIRES/WHEELS	
Frame Constant Section	7.69 x 3.18 x 0.228 (E-350) 7.69 x 3.18 x 0.248 (E-450)	Tires	(4) LT245/75R16E (SRW) (6) LT225/75R16E (DRW)
Yield Strength (psi)	36,000	Wheels	(4) 16.0x7 Gray (Std.); White (Opt.) (SRW) (6) 16.0x6, White 4 Hand Hole (DRW) (4) 16.0x7 Forged Aluminum (Opt. on DRW, included in MH prep pkg) (SRW)
Section Modulus (in.³)	5.73 (E-350); 6.40 (E-450)	Tire Pressure Monitor System	SRW – Standard (Included in MH prep pkg.)
Section (Web) Height (in.)	7.69 (Max.)	Spare Wheel & Tire	DRW – Optional (Included in MH prep pkg.)

*Both ratios listed are offered in limited slip and open differential variants.

**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)**
- **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 3,100 Ford dealerships in the U.S. and Canada provide Class B and Class C 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.

CORROSION PROTECTION**

Sheet metal manufactured and installed by Ford is protected against rust-through for 5 years with unlimited miles.

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

14,500 lbs. Maximum GVWR, premium features and components, plus after-the-sale service support have made Ford E-Series the chassis of choice for today's Class C motorhome buyer. Based on recent data, over 58 percent of Class C buyers selected a motorhome built on the Ford chassis.†

The Transit 350HD Cargo Van and Cutaway are new to the market. Ford anticipates that the new Transit Cargo Van and Cutaway will be popular with motorhome customers and builders desiring smaller and more efficient Class B and Class C motorhomes.

* 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.



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.



2016 model shown.



2021 model shown.



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



COMMERCIAL
VEHICLE CENTER

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2021-CLASS-C
November 2020



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VEHICLES

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