

2020 FORD COMMERCIAL VEHICLES

# SCHOOL BUS AND MULTI-FUNCTION SCHOOL ACTIVITY BUS FORD CHASSIS APPLICATIONS



- 2021 E-350 SUPER DUTY® CUTAWAY CHASSIS
- 2021 E-450 SUPER DUTY CUTAWAY CHASSIS

- 2020 TRANSIT 250 CUTAWAY CHASSIS
- 2020 TRANSIT 350 CUTAWAY CHASSIS
- 2020 TRANSIT 350 HD CUTAWAY CHASSIS

Vehicles shown with aftermarket equipment.  
2019 E-Series and 2015 Transit shown.



**COMMERCIAL  
VEHICLES**

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# PREP PACKAGES

## TYPE A SCHOOL BUS/MULTI-FUNCTION SCHOOL ACTIVITY BUS



TRANSIT CUTAWAY CHASSIS			Front GAWR (lbs.)	Max. GVWR (lbs.)
250	SRW	138"/156" WB	4,130	9,070
350	SRW	138"/156" WB	4,130	9,500
350 HD	DRW	138"/156" WB	4,630	10,360/11,000

E-SERIES CUTAWAY CHASSIS		Front GAWR (lbs.)	Max. GVWR (lbs.)	Availability
E-350 138" WB, 7.3L	SRW	4,200	10,050	47S/47J
E-350 138" WB, 7.3L	DRW	4,600	11,500	47S/47J
E-350 158" WB, 7.3L	DRW	5,000	12,500	47S/47J
E-450 158" WB, 7.3L	DRW	4,600	14,000	47S/47J
E-450 158" WB, 7.3L	DRW	4,600	14,200	47S/47J
E-450 158" WB, 7.3L	DRW	5,000	14,500	47S/47J

### TRANSIT SCHOOL BUS PREP PACKAGE (47C)

**AVAILABILITY:**

- Cutaway
- Fleet only

**NOT AVAILABLE WITH:**

- Extended Length Configurations

**INCLUDES:**

- Safety Glass (65B)
- Front License Plate Bracket (153)
- Right Hand Door Delete (60X)
- Dual AGM Batteries (63E)
- Separate Stop Turn Tail Lamp – LED Enabled (43Q)
- Auxiliary Fuse Panel with High Spec Interface Connector (87E)
- Dual-Note Horn (85D)

Note: Requires Passenger Seat Delete (21J) and School Bus Yellow (BY) Paint

### TRANSIT MULTI-FUNCTIONAL SCHOOL ACTIVITY BUS (MFSAB) PREP PACKAGE (47Q)

**AVAILABILITY:**

- Cutaway
- Fleet only

**NOT AVAILABLE WITH:**

- Extended Length Configurations

**INCLUDES:**

- Safety Glass (65B)
- Front License Plate Bracket (153)
- Right Hand Door Delete (60X)
- Dual AGM Batteries (63E)
- Separate Stop Turn Tail Lamp – LED Enabled (43Q)
- Auxiliary Fuse Panel with High Spec Interface Connector (87E)
- Dual-Note Horn (85D)

Note: Requires Passenger Seat Delete (21J) and Oxford White (YZ) Paint

### E-SERIES SCHOOL BUS PREP PACKAGE (47S)

- Designed specifically for school bus manufacturers

### E-SERIES MULTI-FUNCTION SCHOOL ACTIVITY BUS (MFSAB) PREP PACKAGE (47J)

- Designed specifically for MFSAB manufacturers

**INCLUDES:**

- Banded front door glass (tinted)
- High-back driver seat only (21B)
- Frame pucks (isolators) (559)
- 40-gallon fuel tank (657)
- School Bus Yellow (B1) - Required on School Bus, not available on MFSAB

**DELETES:**

- RH seat, seat pedestal and attaching hardware
- RH seat safety belt system
- RH B-pillar trim and scuff plate
- Passenger side airbag (RH front)
- Front headliner

**NOT AVAILABLE WITH:**

- Interior Upgrade Package (18C)
- Trailer Tow Package (534)
- Std. pattern spacers (557)
- Alt. lateral spacers (554)
- CNG/LPG Gaseous Engine Prep Package (981)

**AVAILABLE OPTIONS:**

- Extra Heavy Duty 240-amp alternator (630)
- Dual 240-amp/157-amp alternators (63N)

# SPECIFICATIONS

## TYPE A SCHOOL BUS/MULTI-FUNCTION SCHOOL ACTIVITY BUS

ITEM	TRANSIT CUTAWAY CHASSIS w/47C/47Q	E-350 CUTAWAY CHASSIS w/47S/47J	E-450 CUTAWAY CHASSIS w/47S/47J
<b>WHEELBASE (in.)</b>	138/156	138/158	158
<b>GVW RATINGS (lbs.)</b>	9,070 (250 SRW Cutaway) 9,500 (350 SRW Cutaway) 9,950/10,360 (350 HD/DRW Cutaway) 11,000 (350 HD/DRW Cutaway)	10,050 w/7.3L SRW 138" 11,500 w/7.3L DRW 138" 12,500 w/7.3L DRW 158"	14,000 w/7.3L DRW 14,200 w/7.3L DRW 14,500 w/7.3L DRW
<b>MAX. FRONT GAWR (lbs.)</b>	4,130	4,200 (SRW)/5,000** (DRW)	5,000**
<b>AXLE, FRONT (lbs.)</b>	Independent MacPherson Strut	5,000 Twin-I-Beam IFS	5,000 Twin-I-Beam IFS
<b>AXLE, REAR (lbs.)</b>	5,515-7,275	7,800 (SRW); 8,500 (DRW) Dana Full Floating	9,600 Dana Full Floating
<b>AXLE RATIO</b>	4.10 (3.5L PFDi V6) 3.73 Std/3.31 Opt (3.5L EcoBoost® V6) 3.73 (2.0L EcoBlue® Bi-Turbo I4 Diesel)	4.56 (7.3L Economy (Opt.)/7.3L Premium (Std.)) 4.10 (7.3L Economy (Std.)/7.3L Premium (Opt.))	4.56 (Std.); 4.56 LS (Opt.)
<b>BRAKES, SERVICE</b>	Power, Self Adjusting Vacuum Assist Four Wheel Disc with Four Wheel Anti-Lock	Power, Self Adjusting, Vacuum-Boost (SRW); Hydro-Boost (DRW) Four Wheel Disc with Four Wheel Anti-Lock	Power, Self Adjusting, Hydro-Boost Four Wheel Disc with Four Wheel Anti-Lock
<b>BRAKE, PARKING</b>	Rear Brake, Integrated Caliper, Hand Operated	Rear Axle Mounted Drum-In-Hat Type, Foot Operated	Rear Axle Mounted Drum-In-Hat Type, Foot Operated
<b>ELECTRICAL - ALTERNATOR*</b>	250-Amp (Gas) 240-Amp (Diesel)	210-Amp Heavy Duty (Std.) 240-Amp Extra Heavy Duty (630) Dual 240-Amp/157-Amp Alternators (63N)	210-Amp Heavy Duty (Std.) 240-Amp Extra Heavy Duty (630) Dual 240-Amp/157-Amp Alternators (63N)
<b>- BATTERY</b>	70-Amp Hr, 610-CCA (Gas) 70-Amp Hr, 760-CCA (Diesel)	12-Volt, 750-CCA/78-AH (Std.) Dual 12-Volt, 750-CCA/78-AH (634) (Opt.)	12-Volt, 750-CCA/78-AH (Std.) Dual 12-Volt, 750-CCA/78-AH (634) (Opt.)
<b>ENGINE/HP/TORQUE</b>	<b>3.5L PFDi V6</b> 275 HP @ 6,000 RPM 262 lb.-ft. @ 3,750 RPM <b>3.5L EcoBoost® V6</b> 306 HP @ TBD RPM 400 lb.-ft. @ TBD RPM	7.3L PFI V8 7.3L Premium Rated (Std.) 7.3L Economy Rated (Opt.)	7.3L PFI V8 7.3L Premium Rated (Std.) 7.3L Economy Rated (Opt.)
<b>FRAME</b>	Unibody	Single Channel 36,000 PSI 5.73 Cu.-In. Section Modulus	Single Channel 36,000 PSI 6.4 Cu.-In. Section Modulus
<b>FUEL TANK</b>	25-Gallon (95L) Mid-ship Mounted	40-Gallon (140L) Aft-of-Axle (Std.)	40-Gallon (140L) Aft-of-Axle (Std.)
<b>SHOCK ABSORBERS</b>	Heavy Duty	1.38" HD Gas-Type, Front and Rear	1.38" HD Gas-Type, Front and Rear
<b>SPRINGS - MAX. CAPACITY</b>			
<b>- FRONT (lbs.)</b>	4,130 MacPherson Strut	5,000 Coil Type	5,000 Coil Type
<b>- REAR (lbs.)</b>	6,000 (SRW); 7,275 (DRW) Leaf	7,310 (SRW); 8,500 (DRW) Multi-Leaf	9,600 Multi-Leaf
<b>(SINGLE STAGE)</b>			
<b>STABILIZER BAR, FRONT</b>	Yes	1.00" (SRW); 0.91 (DRW) Diameter	0.91" Diameter
<b>STABILIZER BAR, REAR</b>	No	1.125" (DRW) Diameter	1.125" Diameter
<b>STEERING</b>	Hydraulic Rack-and-Pinion	HD Power	HD Power
<b>TIRES</b>	235/65R16C BSW (SRW); 195/75R16C BSW (DRW)	LT245/75R16E BSW (SRW) LT225/75R16E BSW (DRW) (4) 16 x 7", Gray (Std.), White (Opt.) SRW 16 x 6", White 4 Hand Hole DRW	LT225/75R16E (DRW)
<b>WHEELS, 8-HOLE DISC</b>	16" Steel	16 x 6", White 4 Hand Hole DRW	16 x 6", White 4 Hand Hole
<b>TRANSMISSION</b>	10-Speed Automatic Overdrive With SelectShift®	6-Speed Automatic Overdrive With SelectShift In-Tank Oil Cooler (Std.) Tow/Haul Mode (Std.) Aux. Transmission Oil Cooler (Std.)	6-Speed Automatic Overdrive With SelectShift In-Tank Oil Cooler (Std.) Tow/Haul Mode (Std.) Aux. Transmission Oil Cooler (Std.)

SRW - Single Rear Wheel DRW - Dual Rear Wheel

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

\*\*A lower FGAWR Rating is available.



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.

# CUSTOMER SUPPORT

## ROADSIDE ASSISTANCE

This 24-hour, seven-days-a-week service is a standard feature on all E-Series Cutaway Chassis. By dialing 1-800-241-3673, the caller has access to:

- **Warranty Towing** (No Charge with Ford)
- **Non-warranty Towing** (No Charge with Ford)
- **Collision Towing** (No Charge with Ford)
- **Battery Jump-start** (No Charge with Ford)
- **Fuel Delivery, if out of fuel** (No Charge with Ford)
- **Lockout Assistance** (No Charge with Ford)
- **Flat Tire Change (requires customer to have usable spare tire)** (No Charge with Ford)
- **Winch Out** (No Charge with Ford)

Coverage Period: 5 years/60,000 miles, whichever occurs first.

## IN-DEALERSHIP SERVICE SUPPORT

- **Over 3,500 Ford dealerships in the U.S. and Canada are available to provide service support**
- **In-dealership certified service technicians are backed by computerized diagnostics and national hotline support**
- **Dealers provide verification of available owner notification and recall information affecting Ford Commercial Chassis**

## WARRANTY INFORMATION\*

- **E-Series and Transit Cutaway Chassis have 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 vehicle. It states the vehicle owner's rights and responsibilities, and should be read carefully**
- **Corrosion Protection – Sheet metal manufactured and installed by Ford is protected against rust through (perforation) for 5 years/unlimited miles. See your dealer for limited warranty details**

\*See seller for limited warranty details.

## SCHOOL BUS AND MULTI-FUNCTION SCHOOL ACTIVITY BUS MODIFIERS

Ford interfaces with the following Qualified Vehicle Modifier program participants listed below. Each offers a unique lineup of bodies to build on the E-Series Cutaway Chassis with either the Ford School Bus Prep Package (47S) or the Multi-Function School Activity Bus (MFSAB) Prep Package (47J). It is anticipated that the Ford Transit Cutaway will also be popular with users desiring a smaller and more efficient School Bus/Multi-Function School Activity Bus.

- **Collins Bus Corp. (REV) (800) 533-1850**
- **Micro Bird by Girardin (819) 477-8222**
- **Thomas Built Bus (336) 889-4871**
- **Starcraft Bus (Forest River) (800) 348-7440**



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