

2022 Ford Commercial Vehicles

School Bus and Multi-Function School Activity Bus Ford Chassis Applications



- 2023 E-350 Cutaway Chassis
- 2023 E-450 Cutaway Chassis
- 2022 Transit 250 Cutaway Chassis
- 2022 Transit 350 Cutaway Chassis
- 2022 Transit 350 HD Cutaway Chassis

Computer-generated images with available features and aftermarket equipment shown throughout.



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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"/178" WB	4,130	9,070
350	SRW	138"/156"/178" WB	4,130	9,500
350 HD	DRW	138"/156"/178" 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)
- Modified Vehicle Wiring System (53K)
- 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)
- Modified Vehicle Wiring System (53K)
- 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)
- Rear View Camera Kit (43C)
- 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
WHEELBASE (in.)	138/156/178	138/158	158
GVW RATINGS (lbs.)	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 14,500 w/7.3L DRW
MAX. FRONT GAWR (lbs.)	4,130/4,630	4,200 (SRW)/5,000** (DRW)	5,000**
AXLE, FRONT (lbs.)	Independent MacPherson Strut	5,000 Twin-I-Beam IFS	5,000 Twin-I-Beam IFS
AXLE, REAR (lbs.)	5,515-7,275	7,800 (SRW); 8,500 (DRW) Dana Full Floating	9,600 Dana Full Floating
AXLE RATIO	4.10 (3.5L PFDi V6) 3.73 (Std.); 3.73LS (Opt.) (3.5L EcoBoost® V6)	4.56 4.10	4.56 (Std.); 4.56 LS (Opt.)
BRAKES, SERVICE	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 and Traction Control	Power, Self Adjusting, Hydro-Boost Four Wheel Disc with Four Wheel Anti-Lock and Traction Control
BRAKE, PARKING	Rear Brake, Integrated Caliper, Hand Operated	Rear Axle Mounted Drum-In-Hat Type, Foot Operated	Rear Axle Mounted Drum-In-Hat Type, Foot Operated
ELECTRICAL - ALTERNATOR*	250-Amp	210-Amp Heavy Duty (Std.) 240-Amp Extra Heavy Duty (630) Dual 240-Amp/157-Amp Alternators (63N) 12-Volt, 750-CCA/78-AH (Std.) Dual 12-Volt, 750-CCA/78-AH (634) (Opt.)	210-Amp Heavy Duty (Std.) 240-Amp Extra Heavy Duty (630) Dual 240-Amp/157-Amp Alternators (63N) 12-Volt, 750-CCA/78-AH (Std.) Dual 12-Volt, 750-CCA/78-AH (634) (Opt.)
- BATTERY	70-Amp HR, 610-CCA		
ENGINE/HP/TORQUE	3.5L PFDi V6 275 HP @ 6,250 RPM 260 lbs.-ft. @ 4,000 RPM 3.5L EcoBoost V6 310 HP @ 5,000 RPM 400 lbs.-ft. @ 2,500 RPM 300HP @ 3,750 RPM 425 lbs.-ft. @ 3,250 RPM	7.3L 2V DEVCT NA PFI V8 Gas (Premium) 325 HP @ 3,750 RPM 450 lbs.-ft. @ 3,750 RPM 7.3L 2V DVCT NA PFI V8 Gas (Economy) 300 HP @ 3,750 RPM 425 lbs.-ft. @ 3,250 RPM Flex-Fuel Capability Package Available	7.3L 2V DEVCT NA PFI V8 Gas (Premium) 325 HP @ 3,750 RPM 450 lbs.-ft. @ 3,750 RPM 7.3L 2V DVCT NA PFI V8 Gas (Economy) 300 HP @ 3,750 RPM 425 lbs.-ft. @ 3,250 RPM Flex-Fuel Capability Package Available
FRAME	Unibody	Single Channel 36,000 PSI 5.73 Cu.-In. Section Modulus	Single Channel 36,000 PSI 6.4 Cu.-In. Section Modulus
FUEL TANK	25-Gallon (95L) Mid-ship Mounted	40-Gallon (140L) Aft-of-Axle (Std.)	40-Gallon (140L) Aft-of-Axle (Std.)
SHOCK ABSORBERS	Heavy Duty	1.38" HD Gas-Type, Front and Rear	1.38" HD Gas-Type, Front and Rear
SPRINGS - MAX. CAPACITY			
- FRONT (lbs.)	4,130 MacPherson Strut	5,000 Coil Type	5,000 Coil Type
- REAR (lbs.)	6,000 (SRW); 7,700 (DRW) Leaf	7,310 (SRW); 8,500 (DRW) Multi-Leaf	9,600 Multi-Leaf
(SINGLE STAGE)			
STABILIZER BAR, FRONT	Yes	1.00" (SRW); 0.91 (DRW) Diameter	0.91" Diameter
STABILIZER BAR, REAR	No	1.125" (DRW) Diameter	1.125" Diameter
STEERING	Electric Power-Assisted Rack-and-Pinion	HD Power	HD Power
TIRES	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)
WHEELS, 8-HOLE DISC	16" Steel		16 x 6", White 4 Hand Hole
TRANSMISSION	10-Speed Automatic Overdrive w/SelectShift®	6-Speed Automatic Overdrive w/SelectShift In-Tank Oil Cooler (Std.) Tow/Haul Mode (Std.) Aux. Transmission Oil Cooler (Std.)	6-Speed Automatic Overdrive w/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 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 Transit and E-Series Cutaway Chassis. By dialing 1-800-241-3673, the caller has access to all of the following with no charge from Ford:

- **Warranty Towing**
- **Non-Warranty Towing**
- **Collision Towing**
- **Battery Jump-start**
- **Fuel Delivery, if out of fuel**
- **Lockout Assistance**
- **Flat Tire Change (requires customer to have usable spare tire)**
- **Winch Out**

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 100,000 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**

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

**See your Ford dealer 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). The Ford Transit Cutaway is also 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**
- **Trans Tech Bus (855) 988-2333**



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