What's New Book
2017 MY

"Go Further"
Commercial Vehicle
Special Vehicle Engineering
January 2017
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2017 MY Ford Truck “What’s New Book”

The purpose of this book is to provide some advance insight into 2017 model year Ford Truck product features that may assist final stage manufacturers and vehicle alteration companies in preparing their production process. This book is for reference only, reflecting information available as of September 2017 and is subject to change without notice. It should be used in conjunction with other related Ford publications listed below. Methods to obtain these and other useful publications are described further in this manual.

FOR ADDITIONAL INFORMATION VISIT:
Truck Body Builder Advisory Service Website
(www.fleet.ford.com/truckbbas)

Hot Off The Press: Lists links to latest up-to-date publications available to body builders
Body Builder Layout Book: Provides access to Body Builders Layout Book
Quality Program Guidelines: Lists links to Ford Truck Quality Program Guidelines for final stage manufacturers and vehicle alterers
Incomplete Vehicle Manuals: Lists links to model years 1997–2017 IVM’s
Support Contacts: Lists frequently requested phone and fax numbers
Other: Links and Frequently Asked Questions (FAQ)
Body Builder Quality Programs

Responsible for qualifying the engineering process control capability of final stage manufacturers under these Ford Truck Quality Programs:

The following organizations are established to provide technical assistance to vehicle modifiers of Ford Truck chassis. They are part of the Special Vehicle engineering Department within Commercial Vehicle engineering.

TRUCK BODY BUILDER ADVISORY SERVICE (BBAS)
- Provides technical assistance for truck body builders
- Phone: (877) 840 4338
- Web-Site: http://www.fleet.ford.com/truckbbas
- Email: bbasqa@ford.com

Qualified Vehicle Modifier Program (QVM)

Responsible for assessing the engineering process control capability of the final stage manufacturers under these Ford QVM Programs

- Ambulance
- Motorhome & Transit Bus
- Conversions
- Adaptive Mobility
- Ship Thru
- Alternative Fuels
- School Bus

Assembly Plant Job #1 Timing

<table>
<thead>
<tr>
<th>Model Year - Vehicles</th>
<th>Assembly Plant</th>
<th>Job #1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017 MY E-Series</td>
<td>Ohio Assembly Plant (OHAP)</td>
<td>April 2016</td>
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<td>2017 MY Transit Connect</td>
<td>Valencia Plant, Spain</td>
<td>May 2017</td>
</tr>
<tr>
<td>2017 MY Transit</td>
<td>Kansas City Assembly Plant</td>
<td>August 2016</td>
</tr>
<tr>
<td>2017 MY F-Series Super Duty</td>
<td>KTP &amp; OHAP</td>
<td>May 2016</td>
</tr>
<tr>
<td>2017 MY Medium Truck F-650/ F-750</td>
<td>Ohio Assembly Plant</td>
<td>April 2016</td>
</tr>
<tr>
<td>2017 MY Stripped Chassis</td>
<td>Detroit Chassis Plant</td>
<td>June 2016</td>
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A true American Icon the 2017 MY Ford E-Series E-350/ E-450 Cutaway and Stripped Chassis models over 10,000 GVWR continue to be built on the proven strengths as the leader in sales, safety and customer loyalty. This rugged icon with heavy-duty ladder-frame van chassis, shares many parts with the F-Series pickup trucks and will continue to be built at the Avon Lake, Ohio Assembly Plant.

**Major Product Highlights**

- **5.4L gas engine w/ 5R110 Trans.**
  - 5.4L gas engine was discontinued on all models (1st Qtr. 2016)

- **6.2L SOHC V8 gas engine w/ 6R140 Trans.**
  - New 6.2L gas engine with 6R140 trans. replaces the 5.4L 2V V8 engine (Job #2)

- **Extra Heavy Duty Alternator**
  - Alternator — extra-heavy-duty 240-amp for the 6.2L FFV V8

- **Rear View Camera Kit**
  - Rear View Camera Prep Kit (Cutaway Only): Includes the loose camera mounting bracket and jumper. Video monitor installed and is prewired to accept kit
2017 MY E-Series (E-350/ E-450)
PRODUCT HIGHLIGHTS

• 5.4L gas engine with 5R trans. was discontinued on all models (1st Qtr. 2016)

• New 6.2L SOHC V8 gas engine with 6R140 trans.
  ➢ 331 HP @ 5500 RPM
  ➢ 356 Ft. Lbs. Torques @ 4000 RPM

• Proven durability for heavy duty applications

• Used on F-Series Super Duty pickups and F-350 chassis cabs since 2011 MY

• Significant performance upgrade from previous 5.4L V8 engine

• Broad flat torque curve for enhanced performance

• Higher engine speed capability for increased horsepower

• Available on E-350/E-450 cutaway and stripped chassis models. Capable to 14,000 lbs. GVWR

<table>
<thead>
<tr>
<th>Model</th>
<th>Engine</th>
<th>SRW/DRW</th>
<th>Availability</th>
<th>Rear Axle Ratio</th>
<th>GVWR (lbs.)</th>
<th>MAX GCWR (lbs.)</th>
<th>Max Frontal Area (ft²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-350</td>
<td>6.2L</td>
<td>SRW</td>
<td>Cutaway</td>
<td>4.10/4.56</td>
<td>10,050</td>
<td>13,000</td>
<td>72</td>
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<tr>
<td>E-350</td>
<td>6.2L</td>
<td>DRW</td>
<td>Cutaway/Stripped Chassis</td>
<td>4.10</td>
<td>11,500, 12,500</td>
<td>13,000</td>
<td>72</td>
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<tr>
<td>E-350</td>
<td>6.2L</td>
<td>DRW</td>
<td>Cutaway/Stripped Chassis</td>
<td>4.56</td>
<td>11,500, 12,500</td>
<td>17,000</td>
<td>72</td>
</tr>
<tr>
<td>E-450</td>
<td>6.2L</td>
<td>DRW</td>
<td>Cutaway/Stripped Chassis</td>
<td>4.56</td>
<td>14,000</td>
<td>18,000</td>
<td>72</td>
</tr>
</tbody>
</table>

• 6.8L SEFI V10 engine and 6-speed TorqShift automatic transmission is standard
2017 MY E-Series (E-350/ E-450)
PRODUCT HIGHLIGHTS

Frontal Area:  Max Cutaway & Stripped Chassis

<table>
<thead>
<tr>
<th>Model</th>
<th>Engine</th>
<th>Availability</th>
<th>Rear Axle Ratio</th>
<th>Optional/ Standard</th>
<th>Max Frontal Area (ft²)</th>
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</thead>
<tbody>
<tr>
<td>E-350</td>
<td>6.8L</td>
<td>Cutaway/ Stripped Chassis</td>
<td>4.56</td>
<td>STANDARD</td>
<td>72</td>
</tr>
<tr>
<td>E-350</td>
<td>6.8L</td>
<td>Cutaway/ Stripped Chassis</td>
<td>4.56</td>
<td>15D</td>
<td>82 w/ Upfitter</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Second Unit Body</td>
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<td></td>
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<td></td>
<td>Radii Restrictions</td>
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<tr>
<td>E-350</td>
<td>6.8L</td>
<td>Cutaway/ Stripped Chassis/ Except</td>
<td>4.10</td>
<td>47R</td>
<td>64 ¾</td>
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<tr>
<td></td>
<td></td>
<td>Motorhome</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-450</td>
<td>6.8L</td>
<td>Cutaway/ Stripped Chassis</td>
<td>4.56</td>
<td>Standard</td>
<td>No Restrictions</td>
</tr>
</tbody>
</table>

Note: Frontal area /max finished curb weight information displayed on VECI label

- E-350 Cutaway/Stripped Chassis have 4.56 rear axle ratio standard
- Frontal area /max finished curb weight information is displayed on VECI label
- Optional 14,200 lbs. GVWR with 4600 lbs. max front GAWR for E350 Stripped Chassis and Cutaway models
- 4,600 lbs. front GAWR helps with some upfit weight distributions and the ability to ensure front end alignment compatibility
- 5,000 lbs. max front GAWR and 14,500 lbs. rating is STANDARD (carry over 2016 MY)

New E-450 14,200 lbs. GVWR
2017 MY E-Series (E-350/ E-450)
PRODUCT HIGHLIGHTS

Rear View Camera Prep Kit (*CUTAWAY ONLY*)
- Includes the loose camera, mounting bracket and wire jumper harness. Electro-chromic rear view mirror with camera display already installed (*Sales Code 43C*)

Optional E-350 3.5” Dia. DRIVELINE
- 158” wheelbase only (*Sales Code 43D*) for stretched wheelbase on upfits for Motorhome and Shuttle Bus prep packages. Can be used with 3.5” Dia. Torsional Damper. (*1st Qtr. 2017 CY*)

Sealed Beam Headlamps: Deleted from all Stripped Chassis models

Incomplete Vehicle Manual (IVM)
- Refer to the IVM for additional information URL: www.fleet.ford.com/truckbbas
2017 MY E-Series (E-350/ E-450)
PRODUCT HIGHLIGHTS

Coolant:

- OHAP transition to OAT Coolant during July, 2017 plant shutdown  (OAT = Orange; GO5 = Gold)

- Heater hoses was switched to OAT compatible material (thiuram free) in April, 2017  (prior to Job 1) for 2017 MY

- Please see QVM bulletin Q-247R1
  Ford Motor Company production of E-Series Cut-away and Stripped-Chassis vehicles will be changing its current engine coolant formulation from G05 to OAT starting Mid-2017MY (07/11/16*).

Units built after July 2016 will have OAT coolant (ORANGE color); those built before will have G05 (GOLD color). A few units that started production the week of 6/27 and were past the coolant fill may have G05 coolant (for these transition builds) please check coolant color.

Ford recommends that the builders review with their suppliers the coolant containing components that they add or install for compatibility with the new coolant.

NOTE: OAT and G05 coolants CANNOT be mixed

The new coolant formulation will be the same as that used on all other North American manufactured vehicles.

The Owner’s Guide will specify this new coolant as follows:

- Ford part name or equivalent: Motorcraft Orange Antifreeze/Coolant Predilute
- Ford part number: VC-3DIL-B (US), CVC-3DIL-B (Canada)

For reference, a commonly recognized industry equivalent coolant is GMC Dex-Cool
2017 MY Transit Connect
MAJOR PRODUCT HIGHLIGHTS

OVERVIEW
The 2017 MY Ford Transit Connect Passenger Wagon and Van is not only for medium size commercial use it also appeals to families who are looking for a small size van that can accommodate 5 or 7 passengers with some surprising amenities such as an LCD screen, navigation, modern MP3 players, USB, AUX, Bluetooth, iPod connection, dual zone climate control, blind spot monitoring, parking sensors, rearview camera, as well as air bags and seat belts.

Major Product Highlights

2.5L Duratec® DOHC I-4 engine
Premium Packages
6-Way power Driver Seat – Std XLT Wagon
Blind Spot Info System (BLIS®)
Flexible Fuel Vehicle (FFV) system
Second Row Fold Flat Bucket Seats

2.5L Duratec® DOHC I-4 engine is standard and the 1.6L EcoBoost® I-4 gas engine is no longer available
Available on Titanium and XLT Wagon
Available in Charcoal Black and Medium Stone Cloth
BLIS w/ Cross-Traffic Alert available on Titanium and XLT Wagon
Standard on 2.5L engine shipped to Federal Emissions States or Cross Border States Dealers
Standard on Titanium and Optional on XLT LWB Wagon

“Go Further”

Transit Connect Wagon

Transit Connect Cargo Van
2017 MY Transit Connect
MAJOR PRODUCT HIGHLIGHTS

- Moved to a single engine line-up: 2.5L Duratec® DOHC I-4 engine is standard (1.6L EcoBoost® I-4 gas engine (option 99X) is no longer available
- Two new premium packages for Titanium and XLT
- Reverse sensing system, cruise control and rear-window defroster is standard on XL wagon
- Roof rails (61B) are standard on XLT and Titanium wagon and optional on XL wagon and all vans
- Roof rack including crossbars (61X) is optional on all vans and wagons
- All-weather floor mats (16V & 164) optional with vinyl floor cover on XLT

- SYNC® 3 replaces MyFord Touch (58Y) is standard on Titanium wagon, and optional on XLT van / wagon
- TIRE REPAIR KIT (51B) is optional on all vans and wagons (in place of the spare wheel)
2017 MY Transit Connect
MAJOR PRODUCT HIGHLIGHTS

Passenger Convenience

- Power Running Board (Closed)
- Wider Running Board (Fixed)
2017 MY NA Transit
MAJOR PRODUCT HIGHLIGHTS

OVERVIEW

The 2017 MY Transit passenger Wagon and Van continues to redefine the commercial van with a high level of efficiency, dependability and functionality. The Transit is designed to reduce fuel consumption, maintenance costs and maintain its value for customers and a nationwide service network offers convenient access to maintenance and repair facilities. Factory built cargo capacity behind the last row of seats inside a 15-passenger Transit Passenger Wagon EL – 100.5 cu. ft. Greatest maximum cargo capacity in a gas-powered Van - 487.3 cu. ft. Maximum gas torque rating of 400 lb.-ft. when equipped with the available 3.5L EcoBoost V6 engine. The interior height of 81.5” on High-roof Passenger Wagons.

Major Product Highlights

- 3.2L I5 Diesel Engine: Available on 350 Transit E-LWB Cargo Van @ 9250 lbs. GVWR
- 3.7L Ti-VCT Gas Engine: Available on all models
- Optional Dual Sliding side Cargo Doors: Available on Medium and High Roof Cargo Vans
- Stationary Elevated Idle Control (SEIC): Available on all powertrain offerings
- 138” Wheelbase: 138” Wheelbase available 9500 lbs. GVWR on Chassis Cab & Cutaway
- Rearview Camera with Mirror Display: Optional on Cutaway and Chassis Cab
- Heavy-Duty Alternator Option: Optional on Wagon (Diesel 210A & Gas 250A)
Model Lineup: Transit 350 SRW regular wheelbase (RWB) available for Van, Cutaway and Chassis Cab

Upfitter Switches: High Capacity upfitter switches with High Spec Interface Connector (67C) optional on all models

Flexibility Seating:
- Seat pack 21N optional on Van, Cutaway and Chassis Cab
- Seat pack 21P optional on Van, Passenger Wagon XL, Cutaway and Chassis Cab
- Seat packs 21Q and 21R optional on Van, Passenger Wagon XLT, Cutaway and Chassis Cab

Chassis Cab
- Heated front seats added to Van, Cutaway and Chassis Cab (21H)

Interior –12-volt rear powerpoint now standard on Van
- Audio input jack removed from Audio Packs 21 (58X) and 22 (58Y)
- Cargo area LED compartment lighting now standard on Van
- Carpeted cargo floor mat (85B) deleted

Center Console Delete (67E): optional on all Fleet models (not available with Trailer Brake Controller [67D], high-capacity upfitter switches [59C] or Audio Pack 28 [584])
- Manual windows and locks (90A) changed to manual locks only
- Rear view mirror (90B) optional on Cutaway (not available with rear view camera [61C] when ordered with Audio Pack 16 [58S], Audio Pack 17 [58T] or Audio Pack 18 [58U])

Side Curtain Air Bag Standard
- Standard on Vans, Cutaways, Chassis Cab (delete option late availability on some Cutaway/ Chassis Cab models

Rearview Camera
- Rearview camera with Mirror Display optional on Cutaway and Chassis Cab
2017 MY Transit
MAJOR PRODUCT HIGHLIGHTS

Exterior:
• Fixed rear door glass options 17C and 17E deleted
• Power running board (68L) optional on Van and Passenger Wagon (not available with dual sliding cargo doors; requires lane-keeping alert with Driver Alert System [41C])
• Rear bumper - black, molded-in-color without integral step (43E) optional on Van and Passenger Wagon models (low roof only)
• Roof marker lamp delete (18A) optional on Cutaway. Requires upfitters to cover holes in roof
• Separate stop turn taillamp – LED enabled (43Q) optional on Cutaway and Chassis Cab (included in Ambulance Prep Package-Cutaway [47F], School Bus Prep Package [47C] and Multi-Function School Activity Bus Prep Package [47Q])
• Wheel arch moldings (15C) optional on all models
• Windows all-around (17H, 17J and 17K) availability removed from Van

Driver Assistance Technologies: –Side-wind stabilization standard on all models

Package
• Auxiliary Heater Prep Package (62A) optional on Van, Passenger Wagon and Cutaway (not available with 57G)

Wheels:
• 16" easy-to-clean styled aluminum wheels (64S) optional on all SRW models with 8600 lbs. and 9000 lbs. GVWR only (includes locking lug nuts)
### Roll Stability Control Maximum CGv

<table>
<thead>
<tr>
<th>Vehicle Type &amp; Chassis</th>
<th>Rear Axle</th>
<th>Wheelbase mm [inches]</th>
<th>Max CGv mm [inches]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Van*</td>
<td>SRW</td>
<td>3300 [130]</td>
<td>925 [36.4]</td>
</tr>
<tr>
<td></td>
<td>SRW</td>
<td>3750 [148]</td>
<td>1016 [40.0]</td>
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<tr>
<td></td>
<td>DRW</td>
<td>3750 [148]</td>
<td>1067 [42.0]</td>
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<tr>
<td>Wagon</td>
<td>SRW</td>
<td>3300 [130]</td>
<td>953 [37.5]</td>
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<td></td>
<td>SRW</td>
<td>3750 [148]</td>
<td>1016 [40.0]</td>
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<tr>
<td>Chassis Cab &amp; Cutaway</td>
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<td>3500 [138]</td>
<td>925 [36.4]</td>
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<td></td>
<td>SRW</td>
<td>3952 [156]</td>
<td>990 [39.0]</td>
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<td></td>
<td>DRW</td>
<td>3952 [156]</td>
<td>1024 [40.3]</td>
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<tr>
<td></td>
<td>DRW</td>
<td>4521 [178]</td>
<td>1067 [42.0]</td>
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</tbody>
</table>

* Includes Extended Length (EL) body
The all-new 2017 MY Super Duty Pickup is the toughest, smartest and most capable Super Duty ever. First-in-class high-strength, military-grade, aluminum-alloy truck body and box resist rust and offer improved dent-and-ding resistance. All-new fully boxed frame is the strongest Super Duty Pickup frame ever. Over 12 million cumulative miles of Built Ford Tough testing help ensure the truck is designed to meet the most demanding customer requirements. Several class-exclusive features help owners improve and enhance their comfort, productivity and towing confidence. Up to seven available cameras, including a 360-degree camera with split-view display. A powertrain lineup designed to deliver more combined horsepower and torque than ever Increased towing and payload capacities, including the highest-ever 5th-wheel/ gooseneck towing, conventional towing and payload capabilities of any Super Duty.

**Major Product Highlights**

- Increased GAWR: Increased front gross axle weight rating (FGAWR) 7500 lbs.
- New Longer Wheelbase: New longer wheelbases increase cab space and maintain back of cab to centerline of rear axle dimensions
- Frame Offerings: New extended overhang frame offerings
- PTO Enabled Trans.: Available on F350 w/ 6 speed trans (Not Available on F250 with 6 speed (Sales code 62R)
- Roll Stability Control: Added 4-Channel ABS Brakes with Roll Stability Control as Standard on all DRW vehicles
Performance / Handling

- Upgraded 6.7L Power Stroke V8 diesel engine with B20 biodiesel capability and driver-controlled engine exhaust brake with Auto setting

- 6.2L FFV V8 gas engine with available CNG/Propane Gaseous Engine Prep Package

- 6.8L V10 gas engine with CNG/Propane Gaseous Engine Prep Package Standard

- 6-speed TorqShift automatic transmission

- New larger braking system for F-450 and F-550

- Dual batteries now available on 6.2L FFV V8 gas engine

- Upgraded driveline improvements supports the highest-ever Super Duty maximum GCWR 41,800 lbs. on pickups and 40,000 lbs. GCWR on Chassis Cab

- Upsized rotors, calipers, master cylinder for improved braking performance standard on all F450/ F-550 Chassis Cab models

- Standard Aux fuel ports on all chassis cab models

Safety/Security

- Available inflatable outboard rear safety belts on all Crew Cab models

- Tire Pressure Monitoring System (TPMS) now standard on F-350 DRW models

- Available trailer Tire Pressure Monitoring System (TPMS)

Seating

- New seat designs with new materials and colors

Interior
2017 MY F-Series Super Duty
MAJOR PRODUCT HIGHLIGHTS

Interior
• 8” LCD productivity screen in the instrument cluster

• 110-volt AC power outlets with a combined maximum output of 400 watts

• New instrument panel with dual glove box and center console with sliding cupholders and expansive storage

• Enhanced upfitter switches relocated to the overhead console; now includes 6 switches with more total amps

• Second-row flat load floor with lockable storage standard on Crew Cab models
Larger cabs with new 170-degree doors on SuperCab models

• Added Configurable switches located in position 1 & 2 that can be changed to always hot

Technologies
• SYNC and available SYNC 3

Exterior
• Available LED side-mirror spotlights

Safety and Security
• AdvanceTrac with RSC (Roll Stability Control) and trailer sway control now standard on all models

• Individual Tire Pressure Monitoring System (TPMS) standard on F-350 DRW models

• Inflatable outboard rear safety belts on Crew Cab models
Comfort/Convenience

- 7 cameras, including:
  - 360-degree camera with split-view display (4 cameras)
  - Center high-mounted stop lamp (CHMSL) camera
  - Customer-placed trailer camera
  - Forward-facing camera as part of lane-keeping alert
  - Trailer Reverse Guidance

- Up to two 110-volt AC power outlets with a combined maximum output of 400 watts
- Adaptive cruise control and forward collision warning with brake support
- Automatic high-beam headlamps with rain-sensing wipers
- BLIS (Blind Spot Information System) with cross-traffic alert and trailer coverage
- BoxLink™ with four premium locking cleats
- Enhanced upfitter switches relocated to the overhead console; now include 6 switches with more total amps
- Extended running boards that offer easier access to the bed
- Instrument panel with dual glove compartment and center console with sliding cup-holders and expansive storage
- Intelligent Access with push-button start
- Larger cabs with new 170-degree doors on SuperCab models (limited on pickup box delete Chassis Cab). See QVM Bulletin Q-254
- Lane-keeping alert
- LED box lighting and tailgate
- LED side-mirror spotlights
- LED security approach lamps
- LED tail lamps
### MAJOR PRODUCT HIGHLIGHTS

**FUEL FILL KIT**

<table>
<thead>
<tr>
<th>Chassis Diesel Midship Tank</th>
<th>Engineering Part Number</th>
<th>Service Part Number</th>
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<tbody>
<tr>
<td>Chassis Diesel Midship Tank</td>
<td>HCS4-98149-AA</td>
<td>HCSZ-09149-A</td>
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<tr>
<td>Chassis Gasoline Midship Tank</td>
<td>HCS4-98149-BB</td>
<td>HCSZ-98149-8</td>
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<tr>
<td>Chassis Diesel Aft-of-Axle Tank</td>
<td>HCS4-98149-CA</td>
<td>HCSZ-98149-C</td>
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<td>HCS4-98149-DB</td>
<td>HCSZ-98149-D</td>
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<td>Pickup Box-Delete Diesel</td>
<td>HCS4-98149-EA</td>
<td>HCSZ-98149-E</td>
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<tr>
<td>Pickup Box-Delete Gasoline</td>
<td>HCS4-98149-FB</td>
<td>HCSZ-98149-F</td>
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**REVISED EMISSIONS FRONTAL AREA DIMENSIONS**

<table>
<thead>
<tr>
<th>Engine/ Package</th>
<th>Max GVWR</th>
<th>Max Finished Curb Weight</th>
<th>Max frontal Area</th>
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<tbody>
<tr>
<td>6.2L Pickup Box Delete &lt; 10K</td>
<td>10K</td>
<td>9,500 lbs.</td>
<td>55 sq. ft.</td>
</tr>
<tr>
<td>6.2L Pickup Box Delete &gt; 10K</td>
<td>14K</td>
<td>10,500 lbs.</td>
<td>55 sq. ft.</td>
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<tr>
<td>6.2L Pickup Box Delete &lt; 10K</td>
<td>10K</td>
<td>9,500 lbs.</td>
<td>72 sq. ft.</td>
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<tr>
<td>6.2L Pickup Box Delete &gt; 10K</td>
<td>14K</td>
<td>10,500 lbs.</td>
<td>72 sq. ft.</td>
</tr>
<tr>
<td>6.7L Pickup Box Delete &lt; 10K</td>
<td>10K</td>
<td>9,500 lbs.</td>
<td>50 sq. ft.</td>
</tr>
<tr>
<td>6.7L Pickup Box Delete &gt; 10K</td>
<td>13K</td>
<td>10,500 lbs.</td>
<td>50 sq. ft.</td>
</tr>
</tbody>
</table>

**REVISED ALTERNATOR SIZING**

<table>
<thead>
<tr>
<th>Engine/ Alternator Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.2L available with 157 AH, 200 AH or 240 AH</td>
</tr>
<tr>
<td>6.8L standard with 200 AH</td>
</tr>
<tr>
<td>6.7L available with 175 AH, 220 AH, Dual 157/175 AH, Dual 157/220 AH</td>
</tr>
</tbody>
</table>
MAJOR PRODUCT HIGHLIGHTS

CAN INTERFACE MODULE (SALES CODE 18A):

- 9 digital programmable inputs (configure as active high or active low through the GUI) and 1 digital input (always active low)
- 8 High Speed CAN Side & 7 Low Side CAN Driver outputs
- Includes a Graphic User Interface program downloadable from our site and used to develop their program and download the program to the module
## New Wheel Base Lengths

### Pickups

<table>
<thead>
<tr>
<th>Chassis Cabs</th>
<th>Cab</th>
<th>CA’</th>
<th>16MY</th>
<th>17MY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg</td>
<td>60&quot;</td>
<td>140.8&quot;</td>
<td>145.3&quot;</td>
<td></td>
</tr>
<tr>
<td>Reg</td>
<td>84&quot;</td>
<td>164.8&quot;</td>
<td>169.3&quot;</td>
<td></td>
</tr>
<tr>
<td>Reg</td>
<td>108&quot;</td>
<td>188.8&quot;</td>
<td>193.3&quot;</td>
<td></td>
</tr>
<tr>
<td>Reg</td>
<td>120&quot;</td>
<td>200.8&quot;</td>
<td>205.3&quot;</td>
<td></td>
</tr>
<tr>
<td>Super</td>
<td>60&quot;</td>
<td>161.8&quot;</td>
<td>167.9&quot;</td>
<td></td>
</tr>
<tr>
<td>Super</td>
<td>84&quot;</td>
<td>185.8&quot;</td>
<td>191.9&quot;</td>
<td></td>
</tr>
<tr>
<td>Crew</td>
<td>60&quot;</td>
<td>176.2&quot;</td>
<td>179.8&quot;</td>
<td></td>
</tr>
<tr>
<td>Crew</td>
<td>84&quot;</td>
<td>200.2&quot;</td>
<td>203.8&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PICKUP FRAME IS CARRY-OVER WIDTH
BUT TOP SURFACE OF THE FRAME HAS ONE CENTRAL KICK UP OVER AXLE VS. 4 UNIQUE HEIGHTS
# 2017 MY F-Series Super Duty

## MAJOR PRODUCT HIGHLIGHTS

### New Wheel Base Lengths

<table>
<thead>
<tr>
<th>Cab</th>
<th>CA</th>
<th>16MY</th>
<th>17MY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg</td>
<td>56&quot; CA (8' Box)</td>
<td>137&quot;</td>
<td>141.6&quot;</td>
</tr>
<tr>
<td>Super</td>
<td>40&quot; CA (6 3/4' Box)</td>
<td>141.8&quot;</td>
<td>148.0&quot;</td>
</tr>
<tr>
<td>Super</td>
<td>56&quot; CA (8' Box)</td>
<td>158&quot;</td>
<td>164.2&quot;</td>
</tr>
<tr>
<td>Crew</td>
<td>40&quot; CA (6 3/4' Box)</td>
<td>156.2&quot;</td>
<td>159.8&quot;</td>
</tr>
<tr>
<td>Crew</td>
<td>56&quot; CA (8' Box)</td>
<td>172.4&quot;</td>
<td>176.0&quot;</td>
</tr>
</tbody>
</table>

---

**Chassis Cabs**

**Chassis Cabs**

**Sect A**

**Sect B**

**Sect C**
2017 MY F-Series Super Duty
MAJOR PRODUCT HIGHLIGHTS

Comfort/Convenience: Cont.
• Next-generation tailgate step
• Power-deployable running boards
• Quad-beam LED headlamps with configurable daytime running lamps
• Remote tailgate release with power lock
• Standard second-row flat load floor with new lockable storage on Crew Cab models
• SYNC and SYNC GEN 3
• Twin-panel moonroof on Crew Cab models

Design/Styling
• All-new exterior design with key appearance distinction between each of the 5 models
• All-new interior with advanced technology, durable materials and smart storage space
• Ambient interior lighting

Quality/Reliability/Durability
• High-strength, military-grade, aluminum alloy truck body and box
• All-new fully boxed frame that’s the strongest Super Duty Pickup frame ever
• 12 million cumulative miles of Built Ford Tough testing
All New High Strength Military Grade Aluminum Body & Box

- High-strength, military-grade, aluminum alloy truck body and box resist rust and provide improved dent-and-ding resistance

- Aluminum is naturally resistant to rust and forms a protective layer of oxidation when it corrodes — this means no rust-through perforation or “red rust” like steel

- Together, the strategic use of high-strength steel and high-strength aluminum alloy helps to reduce weight by up to 350 lbs. – Weight savings reinvested where it counts for improved capability

- Upgraded driveline and suspension components (axle, transfer case and drive shaft) help to manage the increased towing and carrying capabilities

Attaching accessories to Aluminum Panels and Structures

- Protecting against Galvanic Corrosion
- Paint, Isolator and Fastener recommendations
- Fastener coatings to avoid using with Aluminum
- Electrical Grounding
The 2017 MY Ford F53 Motorhome and F59 Step Van Stripped Chassis continue to be the hardest working Stripped Chassis with the F59 being the highest-capacity Stripped Chassis in the Ford Stripped Chassis line up available in eight (8) wheelbases and three (3) GVWR capacities 16,000, 19,500, 22,000 lbs. that are designed for bodies from 13 ft up to 24 ft. The Built Ford Tough Stripped Chassis is suitable for multiple vocations: Plumbing, Utilities, Beverage, Parcel Delivery, Construction, Carpet Delivery, and more.

**Major Product Highlights**

- **White Wheels**: White wheels are available as a RPO (previously only available through VSO)
- **AC Compressor**: A/C compressor standard with a full oil charge
- **Power Distribution Box (PDB)**: Enhanced Power Distribution Box Sealing to improve corrosion protection
2017 MY F59 Stripped Chassis
Galvanized Frames

- Expanding availability of galvanized frame option
- Now available on 178" wheelbase at 22,000 lbs.
- Included on the parcel delivery package only

### Galvanized Frames

<table>
<thead>
<tr>
<th>MY</th>
<th>W/B</th>
<th>GVWR (LBS.)</th>
<th>STD./ OPT.</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>168&quot;</td>
<td>19,500</td>
<td>Std.</td>
<td>Parcel Delivery Package Only</td>
</tr>
<tr>
<td>2016</td>
<td>208&quot;</td>
<td>19,500/22,000</td>
<td>Opt.</td>
<td>All (Included w/ PDP)</td>
</tr>
<tr>
<td>2017</td>
<td>178&quot;</td>
<td>22,000</td>
<td>Std.</td>
<td>Parcel Delivery Package Only</td>
</tr>
</tbody>
</table>

Motorhome (F53)

“Go Further”

Parcel Delivery Truck
OVERVIEW

The 2017 MY Ford F-650/ F-750 Medium Truck sets a new high standard for commercial vehicle as the toughest, most work ready and best value Ford has ever offered. Built by Ford in Ohio, the manufacturing heartland of America The Super Duty Chassis Cabs F-650/F-750 are designed to provide commercial customers with exceptional value and ease of upfit. Wide selection of models including dedicated F-650/F-750 Tractors cover a broad spectrum of Class 6 and 7 vocations. Frame and suspension with clean cab-to-axle choices for easy, cost-efficient upfitting. Proven Ford 6.7L Power Stroke V8 turbo diesel engine offers three levels of horsepower and torque. 6.8L V10 gasoline engine provides great power and performance w/ standard TorqShift heavy-duty 6-speed automatic transmission is Ford-designed.

Major Product Highlights

| New Package | Added Beverage Delivery Package |
| New Incremental Frame | Reintroducing the 16.98 SM, 120 Kpsi frame rail |
| New Capability | 8,500 lb. front axle with 19.5 wheels and air brakes with 6.7L Diesel engine only |
**Benefits:**
- Ford engineered and manufactured
- Leverage Ford Dealer / Service Network
- Adopt Super Duty features & refinements
- Eight models including dedicated Tractor model
- Ford 6.7L Power Stroke Diesel engine
- Ford 6.8L segment-exclusive gas powertrain
- Regular, Super Cab & Crew Cab
- New F-750 gas model
- Upfitter friendly
- Automotive Quiet

**New Capability:**
- 8,500 lb. front axle with 19.5 wheels and air brakes with 6.7L Diesel engine only
- Standard battery charge protect on all 6.8L Gas engines
- Optional manual regen initiation (to clean 6.7L Diesel engine (Selective Catalyst Reduction particulate filter))
- Transmission Mounted PTO Capability (QVM Bulletin Q-248R1)

<table>
<thead>
<tr>
<th>Engine</th>
<th>Max. Load at Transmission PTO Gear, Stationary</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.7L Diesel</td>
<td>300ft-lbs</td>
</tr>
<tr>
<td>6.8L Gasoline</td>
<td>250ft-lbs</td>
</tr>
</tbody>
</table>
2017 MY F-650/ F-750
PRODUCT HIGHLIGHTS

New Incremental Frame
New incremental frame allows for sufficient single-channel strength for many vocational upfits, eliminating the need to add an inner channel re-enforcement

- Reintroducing the 16.98 SM, 120 Kpsi frame rail
- Available for F-750 models
- RBM value ~2,037,000
- Dimensions 10.25” x 3.61” x .375”
- Allows for sufficient single-channel strength for many vocational upfits, eliminating the need to add an inner channel re-enforcement

• Super Duty Chassis Cab F-650/F-750 align with the interior comfort found in F-Series Super Duty F-250 through F-550 trucks as well as share “Built Ford Tough” exterior features

• Cab interior offers several seat options and an available 110-volt/150-watt AC power outlet

• A wide range of seating choices provides customers with the flexibility to choose the seat and seating configuration they want

• Available Ford Telematics™ powered by Telogis® turns Super Duty Chassis Cabs F-650/F-750 into an efficient mobile office
The 2017 MY F150 is the revolutionary truck your customers will depend on to get the job done. Designed from the ground up to be durable, capable and easy to use that delivers an impressive combination of power, capability and efficiency — from advanced materials that enhance durability to breakthrough pickup box innovations and state-of-art, purpose-built technologies makes the F-150 the smartest F-150 ever built. The F-150 changes the game for light-duty pickup towing with the Pro Trailer Backup Assist feature. High-strength, military-grade, aluminum alloy body and box, and fully boxed high-strength steel frame ensure the F-150 “Built Ford Tough” reputation for quality, durability and strength.

**Major Product Highlights:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco Boost Engines</td>
<td>2.7 L Eco Boost V6.and Second-generation 3.5L EcoBoost V6 engines, both with Auto Start-Stop Technology</td>
</tr>
<tr>
<td>New 10 speed Trans</td>
<td>All new 10-speed automatic transmission with tow/haul mode standard with 3.5L EcoBoost V6 engine</td>
</tr>
<tr>
<td>Blind Spot Information System)</td>
<td>BLIS with cross-traffic alert now includes trailer coverage</td>
</tr>
<tr>
<td>SYNC GEN 3</td>
<td>SYNC Connect powered by FordPass</td>
</tr>
</tbody>
</table>
2017 MY F-150
MAJOR PRODUCT HIGHLIGHTS

Performance/Handling
- 2.7 L Eco Boost V6 and Second-generation 3.5L EcoBoost V6 engines, both with Auto Start-Stop Technology

- All new 10-speed automatic transmission with tow/haul mode standard with 3.5L EcoBoost V6 engine

- Increased horsepower and torque on the new, second-generation 3.5L EcoBoost V6 engine

Comfort/Convenience
- BLIS (Blind Spot Information System) with cross-traffic alert now includes trailer coverage (BLIS sensor in taillamp)

- SYNC Connect powered by FordPass

Design/Styling
- STX Appearance Package available on XL
Powertrain/ Functional
• 3.5L Ti-VCT V6 w/ active upper grille shutter system
• 5.0L Ti-VCT V8 engines; w/ upper and lower shutters
• 2.7L and 3.5L EcoBoost V6 w/ upper and lower shutters
• Battery — maintenance-free 70-AH (610 CCA), 80-AH (730 CCA)
• Brakes — 4-wheel disc with Anti-Lock Braking System (ABS)
• Fail-Safe Engine Cooling System
• Frame — fully boxed, high-strength steel
• Fuel tank 23-gallon
• Hill start assist
  ➢ Electric (w/ 3.5L Ti-VCT V6 or 2.7L EcoBoost V6 engine)
  ➢ Mechanical (w/ 5.0L Ti-VCT V8 or 3.5L EcoBoost V6 engine)
• Shock absorbers — gas, heavy-duty, outboard-mounted (front/rear)
• Springs, front — coil
• Springs, rear — leaf, 2-stage variable rate
• Stabilizer bar — front
• Steering — electric power-assisted (EPAS) with pull-drift compensation
• Suspension, front — independent
• Tires
  ➢ 245/70R17 BSW all-season (4x2)
  ➢ 265/70R17 OWL all-terrain (4x4)
Powertrain/ Functional: Cont.
• Trailer sway control

• Trailer towing — 4-pin wiring and ball mounting provisions in rear bumper

Transmission
• 6-speed automatic with SelectShift capability and tow/haul mode (std. with 3.5L Ti-VCT V6, 2.7L EcoBoost V6 and 5.0L Ti-VCT V8 engines)

• 10-speed automatic with SelectShift capability, tow/haul mode and Progressive Range Select (std. with 3.5L EcoBoost V6 engine)
IMPORTANT PHONE NUMBERS AND WEB SITES
INTENDED FOR GENERAL USERS & CUSTOMERS OF COMPLETED VEHICLES

Ford Customer Assistance:
- Customer Assistance Center: (800) 392 3673
- Roadside Assistance Center: (800) 241 3673
- Web Site: https://www.fleet.ford.com/truckbbas

Ford RV - Customer Assistance Center:
- To locate the nearest RV service center: (800) 444 3311

INTENDED FOR FINAL STAGE MANUFACTURERS & VEHICLE MODIFIERS

Ford Truck Body Builders Advisory Services (BBAS) – including F53 Class “A” Motorhome Chassis and F59 Commercial stripped chassis
- Truck: (877) 840 4338
- Web Site: www.fleet.ford.com/truckbbas
- Information requests should be submitted through the web site (Contact Us….. (Drop Down Menu)
- Email Address: bbasqa@ford.com

List of Ford Pool Accounts and Qualified Vehicle Modifiers:
- www.fleet.ford.com/truckbbas
  - Other
  - QVM Participants or www.fleet.ford.com
  - Showroom Then: Select the desired vehicle type (Ambulance, Motorhome, etc.)
  - Choose a chassis type (if required)
  - Modifier Links Qualified Vehicle Modifiers

Ford Alternative fuels Information:
- Vehicle models available, list of authorized Ford dealers and Leaf & Road Newsletter. 1 (800) 34FLEET Select #5
- Alternate fuel Broacher available on the following Web-site Web-Site: https://www.fleet.ford.com/truckbbas

Ford Component Sales:
- Office (313) 390 0694 and Fax: 313 390 1581

Vehicle Special Order, VSO Fleet Sales:
- 1 (800) 34FLEET Select #4
Ford Truck Body Builders Layout Book:

Incomplete Vehicle Manuals:
Access at www.fleet.ford.com/truckbbas under “Publications”.

Ford Recreation Vehicle and Trailer Towing Book
The Book covers cars and light trucks, and includes trailer and camper weight ratings and the list of vehicles suitable for flat towing. A copy can be obtained by contacting the Ford RV Information Service at (800) 245 7343, leave name and shipping address, or Fax to (248) 936 3300. This Book can also be accessed via the web at www.fleet.ford.com/truckbbas under “Publications”.

Service Publications:
The “Ford Technical Publications Catalog” lists the service publications available, and includes pricing, an order form, and a mailer. Contact Helm, Inc. at (800) 782 4356. Some Service Publications are also available online at www.motorcraft.com. See Quality Vehicle Bulletin Q-118 on the BBAS website for additional information. Useful publications include “Truck Wiring Diagrams” and the “Service Specifications” book.

Body Builder Quality Bulletins:
Body Builder Quality Bulletins provide key information to assist body builders in interfacing with a Ford chassis. Access the bulletins via the web at www.fleet.ford.com/truckbbas under “Bulletins”.

Ford Truck Quality Program Guidelines (QVM):
This manual provides guidelines for final stage manufacturer modifying Ford products. It also includes an introduction to process controls, quality controls, customer support and management practices. Access the guidelines via the web at www.fleet.ford.com/truckbbas under “Publications”.

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