



| FORD FLEET

PROUD TO SUPPORT THE PEOPLE WHO MAKE OUR WORLD WORK





CONTINUE OUR
COMMITMENT TO
LEAD AND
BE THE MOST
TRUSTED COMPANY

BUILT *Ford* PROUD



FORD TRANSIT
NORTH AMERICA

TRANSIT REMINDER – 20MY CONTENT LAUNCHED IN Q4/2019

Capabilities

- 11K lbs GVWR on CC/CA
- Optional 4600 lbs. Front GAWR (included with AWD)
- Crew Van with Row 2 Triple Seat (MR/HR)

Powertrain and Fuel Economy

- Standard 3.5L PFDI Engine replacing 3.7L PFI
- Standard 10 speed transmission
- Optional AWD on both Gas Engines
- Optional 3.5L EcoBoost® in CC/CA (standard at 11K lbs GVWR)
- Standard Auto Stop-Start on 3.5L EcoBoost®
- Standard Electric Power Steering

Productivity and Other

- Optional Dual Alternator on 3.5L EcoBoost®
- New IP with improved Ergonomics, Storage, Charging Points
- Standard 4" Screen, Optional 8" Screen
- Standard A-pillar Grab Handle
- Standard Embedded Modem and Ford Pass App, with Optional Ford Telematics Services and Wi-Fi hot spot
- Optional Front Swivel Seats



TRANSIT REMINDER – 20MY CONTENT LAUNCHED IN Q4/2019

Standard Driver Assist Technologies

- Automatic Emergency Braking and Pedestrian Detection
 - with Forward Pre-Collision Warning and Post-Impact Braking
- Lane-Keeping Aid
 - with cluster warning, wheel vibration, steering correction
- Auto High-Beam Control
- DRW adds TPMS

Optional Driver Assist Technologies

- BLIS® (Blind Spot Information System) with Trailer Coverage
- Rear Cross Traffic Alert (with BLIS®)
- Adaptive Cruise Control (ACC)
- Enhanced Active Park Assist – parallel and perpendicular
- Split-View Front and Rear 180-Degree Camera



TRANSIT – ADDITIONAL CONTENT IN 2020 CY

- Optional Power Sliding Door
 - Eliminates ergonomic effort for manual open/close
 - Quiet operation – no more slams
 - Driver-controlled access for rear passengers
 - Multiple ways to power open/close – handles, IP push-button, key fob
 - Cargo Van and Passenger Van, MR/HR, LWB/E-LWB
- Low Roof Crew Van
 - 2nd row triple seat, with interior trim and side curtain airbags
- Passenger Van optional Emergency exit window

2020MY TRANSIT LOW ROOF CREW VAN

- Mixed use passenger/cargo/work
- Seats five with interior trim and side curtain airbags



Side View Through Open SLD



Rearview Through Open RCDS

2020MY TRANSIT PASSENGER VAN OPTIONAL EGRESS WINDOW

Provides Additional Emergency
Exits For Customers / Converters
Requiring It



TRANSIT – 21MY CONTENT

Capability

- Added 11K lbs. GVWR option on DRW Van
- Increased DRW max Rear GAWR to 7,700 lbs. on Van, CC/CA (with 11K lbs GVWR)

Cab ergonomic improvements – Walk Back to Cargo Space

- Standard Electronic Park Brake on all Single Rear Wheel, with Auto Hold
- **Standard without Cab Shelf, Optional to add.**
- Optional console with relocated Transmission shifter – Q1/2021
- Optional front seat pack with both armrests deleted

Other content

- Standard LED interior lighting
- Optional 400W inverter available with Dual Alternator (3.5L EcoBoost® only)
- New exterior colors – Avalanche, Abyss Gray and Carbonized Gray

2021MY TRANSIT PARK BRAKE

STANDARD ON ALL SRW

Switches for EPB and
Auto Hold above LH bottle holder



20MY Mechanical Park Brake



21MY Electronic Park Brake
Increased Floor Aisle Width

2020MY TRANSIT CAB SHELF



Standard Without Shelf
Increased Stand-up Space



Optional With Shelf

2021MY TRANSIT OPTIONAL CONSOLE WITH RH SHIFTER



20MY Standard Console & Screen (4")

21MY Optional Console with RH Shifter
Increased Knee/Leg Swing Room



THE **ALL-ELECTRIC** FORD TRANSIT IS COMING



- Revolutionize productivity and minimize total cost of ownership
- Expand your business operations:
 - Indoors, underground and other low ventilation environments
 - Overnight in cities, and other noise-restricted areas



- 22 MY
- Built in USA

ALL-ELECTRIC
CAN GO ANYWHERE

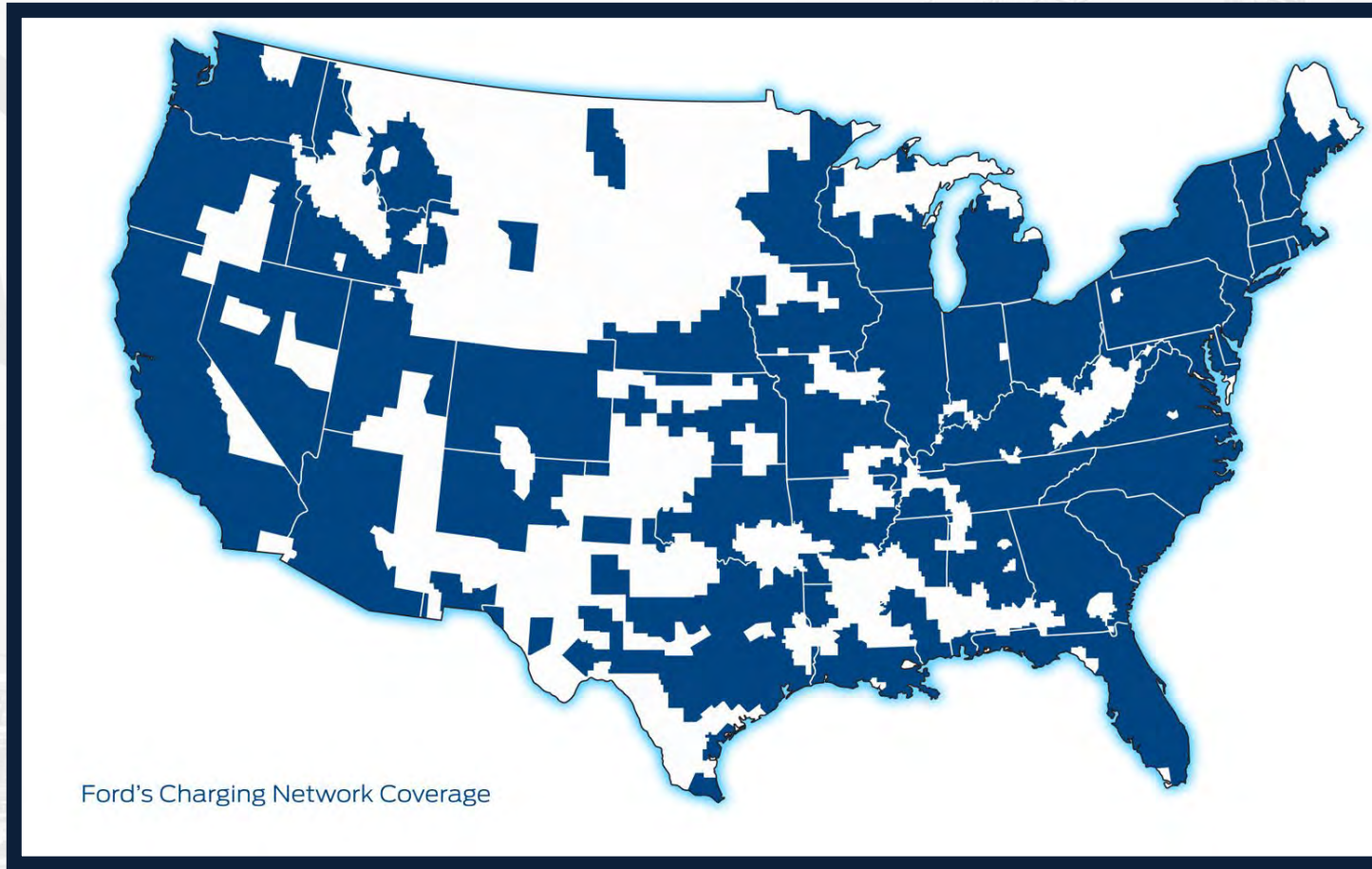
THE ALL-ELECTRIC FORD TRANSIT

CHARGING FORWARD TO GET THE JOB DONE

- Uncompromised cargo capacity, step-in height and configuration choices
 - Cargo van and CC/CA
 - 3 roof heights, 3 body lengths



THE ALL-ELECTRIC FORD TRANSIT



12,500+
CHARGING STATIONS

3,000+
DEALERS

MAXIMUM
UPTIME





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SUPER DUTY, MEDIUM TRUCK, E-SERIES, & F5X STRIPPED CHASSIS

2020MY UPDATE SUPER DUTY

FULL PRODUCTION – NOVEMBER 2019

Gaseous Fuel Prep 7.3L

- Available Q2 2020
- Order Bank Now Open



2020MY UPDATE SUPER DUTY F-600



- Available Q2 2020 – 7.3L
- Order Bank Now Open
- Diesel Available Q3/Q4 2020



2021MY UPDATE MEDIUM DUTY

FULL PRODUCTION – JANUARY 2020

1ST YEAR FOR MY/CY ALIGNMENT

Gaseous Fuel Prep 7.3L

- Available End of Q1 2020
- Order Bank Now Open



2022MY WHAT'S NEW MEDIUM DUTY

OPTIONAL AIR COMPRESSOR ON 7.3L GAS

- Air Brakes
- Air Suspension
- Air Seat
- Air Horn

NOTE

- 7.3L Air Compressor also compatible with GFP and NG conversions
- Bendix Wingman Advanced ADAS available on Air Brake Models



2022MY WHAT'S NEW MEDIUM DUTY

NEW FEATURES

- Back-up alarm will be stand-alone option – no longer tied to tail lamps
- FIRST TIME EVER - Standard Embedded Modem with improved performance, greater capability/bandwidth to support multiple Wi-Fi users
- Michelin XMED tires to replace XMD models
- All Air Brake models will come exclusively with a RNDM column shifter and display
- Carbonized Grey replacing Magnetic



2021MY UPDATE E-SERIES

FULL PRODUCTION – JANUARY 2020

1ST YEAR FOR MY/CY ALIGNMENT

Gaseous Fuel Prep 7.3L

- Available End of Q1 2020
- Order Bank Now Open



2022MY WHAT'S NEW E-SERIES

7.3L GAS FLEX FUEL VEHICLE (FFV)

- E-85 compatible
- Available as a package on both the Economy and Premium ratings



2022MY WHAT'S NEW E-SERIES

NEW FEATURES

- Improved 7" diagonal rear-view camera screen in windshield rear-view mirror assembly
- Revised Shuttle Bus Package to include LH exhaust routing option for 158" WB – Order Bank Q2
- New scalloped engine access cover – affords greater leg/knee room in footwell areas
- FIRST TIME EVER - Standard Embedded Modem with improved performance, greater capability/bandwidth to support multiple Wi-Fi users
- Carbonized Grey replacing Magnetic



F-53 & F-59 STRIPPED CHASSIS



F-53



F-59



2020MY UPDATE F-53 & F-59 STRIPPED CHASSIS

FULL PRODUCTION – JANUARY 2020

Optional Advanced Driver-Assist
Technology Package

Gaseous Fuel Prep 7.3L

- Available End of Q1 2020
- Order Bank Now Open



2021MY WHAT'S NEW F-53 & F-59 STRIPPED CHASSIS

NEW FEATURES

FIRST TIME EVER - Standard Embedded Modem with improved performance, greater capability/bandwidth to support multiple Wi-Fi users





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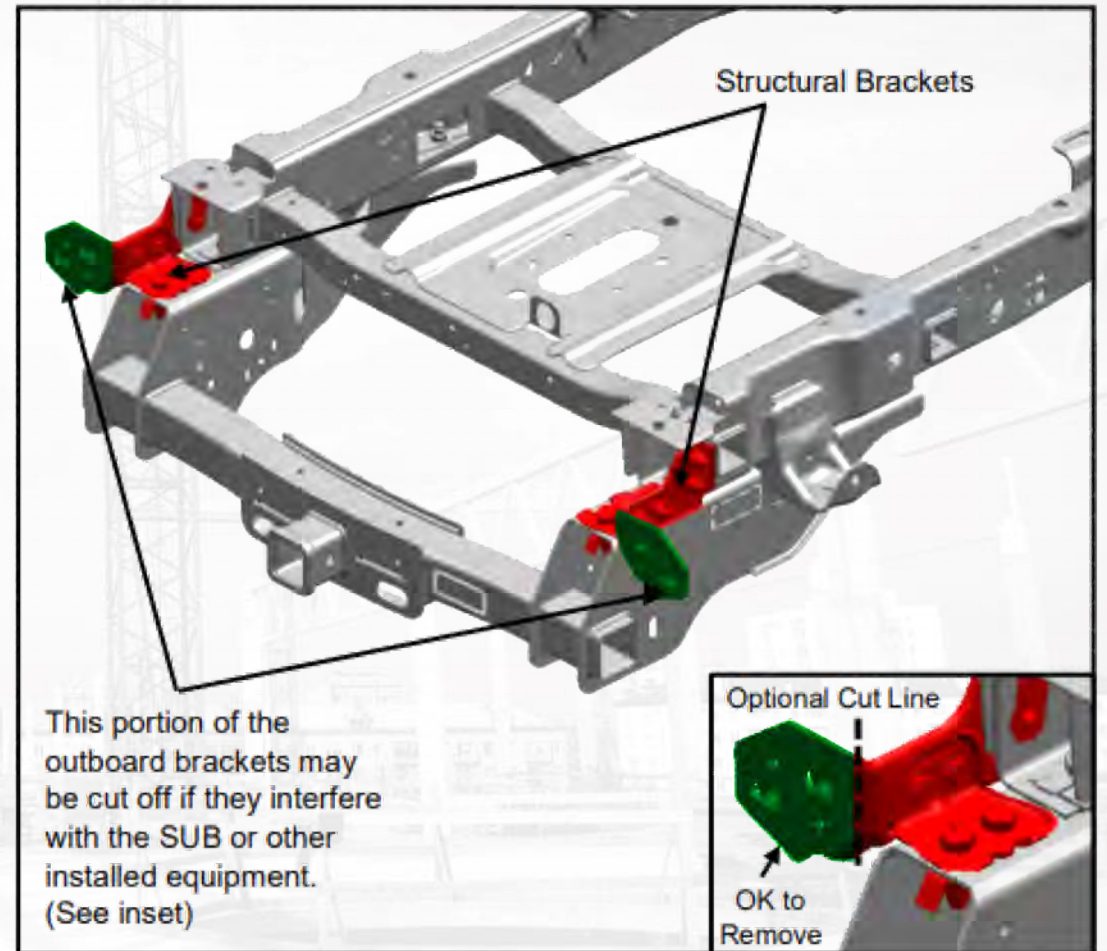
COMMERCIAL VEHICLES SPECIAL VEHICLE ENGINEERING

NEW 2020MY SUPER DUTY

PICKUP BOX AND BUMPER REMOVAL

- To maintain stated towing capacity of vehicle
 - Structural brackets and associated fasteners highlighted in figure 'A' must remain installed on both sides
- Refer to pickup box removal body builder layout book for details

Figure A – Super Duty Structural Brackets



NEW 2020MY

MULTI-FUNCTION ANTENNA RELOCATION KIT (FOR MODEM/GPS/SATELLITE RADIO)

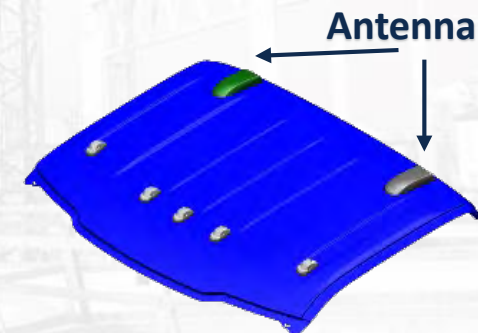
Single-Antenna Kit (PART # JC3Z-18813-A)

- Transit: 2013 - Current
- E-Series/Super Duty: 2013 - 2019

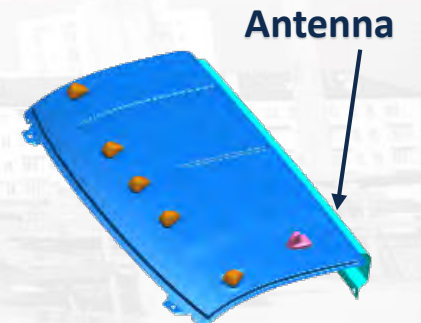
Dual-Antenna Kit (PART # TBD – EST. Q2 2020)

- Super Duty: 2020 - Beyond
- Dual multi-function antenna standard on 2020MY Super-Duty
- Single multi-function antenna standard on 2020MY Transit
- Service kits available through Ford Parts

Note: For 20MY and beyond, all vehicles will be equipped with telematics modems. 22MY Medium Truck & E-Series antenna is internal to the I/P. 21MY F-SD Basic Stripped Chassis antenna will come in dunnage box.



Super Duty 2020MY



Transit 2020MY

NEW 2021MY+ Super Duty

CALIFORNIA GREEN HOUSE GAS (GHG) REGULATION



- State of California limits refrigerant leakage per SAE J2727, per 17 CCR §95663:
 - ✓ 11 g/year or
 - ✓ 1.5% of refrigerant capacity per year (whichever is greater)
- Vehicle will conform to leakage requirement if:
 - 1) No alterations are made to vehicle's air conditioning system as delivered
 - 2) No additional air conditioning systems are added
- If vehicle air condition system is modified in any way or air conditioning systems are added - final-stage manufacturer must ensure complete vehicle complies with requirement in 17 CCR §95663 and report that compliance to California Air Resources Board
- Please reference vehicle's 'Body Builder Layout Book' and Incomplete Vehicle Manuals for refrigerant systems leakage information

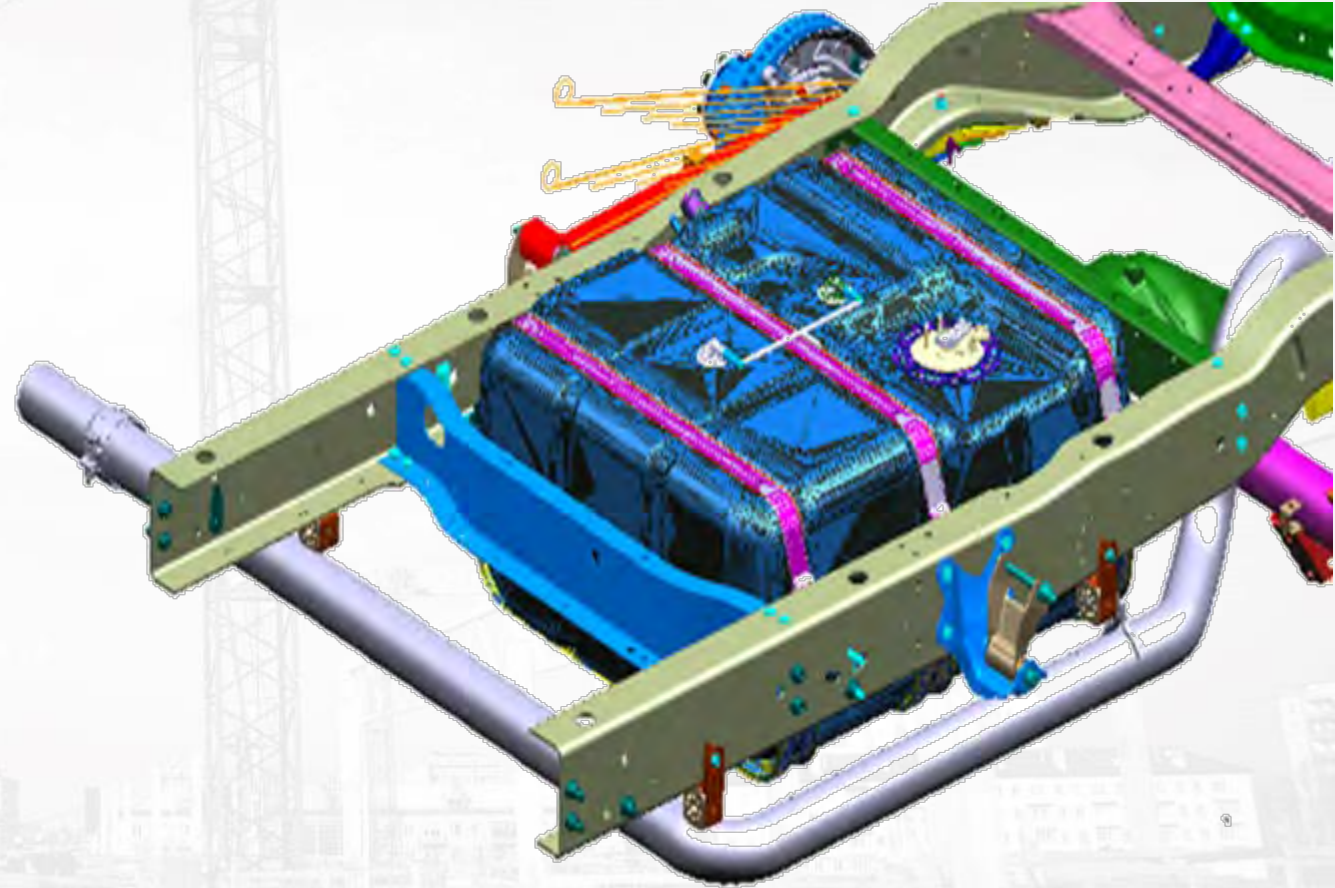
Note: Regulation becomes applicable to 22MY Medium Duty Truck & E-Series. The regulation is linked to 2021 vehicle certification model year, not to VIN model year. 21 VIN MY MD Truck & E-Series have a 2020 vehicle certification model year and are therefore exempt from the new A/C leakage requirement.

NEW 2021MY E-SERIES

LEFT HAND EXHAUST OUTLET OPTION

E-350/450 Cutaway 158" Wheelbase:

- New LH exhaust outlet option
- Available to order – Q2
- Order Guide Option Code – (15K)



NEW ADVANCED DRIVER ASSIST SYSTEMS (ADAS)

E-Series & Medium Duty Truck

Radar Location/Alignment

- Location of Radar is fixed behind the front bumper opening
- Radar should not be moved or adjusted from “as built” location and alignment
- Radar cover cannot be painted, stickered or replaced with aftermarket cover

Camera Location/Alignment

- Location of camera is fixed on the windshield
- Camera should not be moved or adjusted from “as built” location and alignment

Note:

- *ADAS Optional on: Medium Duty Truck, E-Series, Commercial Stripped Chassis, and Super Duty (XL-trim level)*
- *ADAS Standard on: Transit and Super Duty (XLT & above trim levels)*

NEW ADVANCED DRIVER ASSIST SYSTEMS (ADAS)

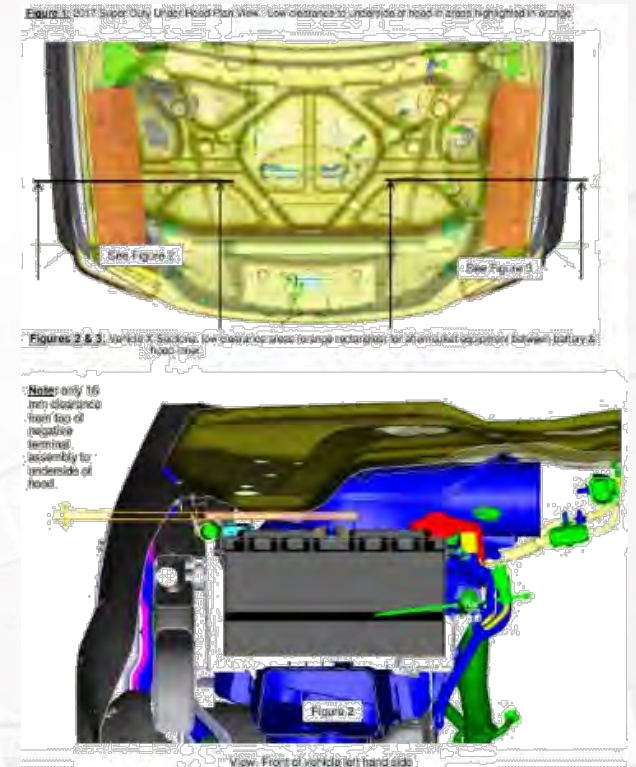
SUMMARY

- Do not relocate camera or radar from factory installed position
- ADAS hardware **cannot** be added to vehicle after dealer delivery
- Exterior mounting components and/or equipment must be installed in such a way such that camera and/or radar ‘field of view’ is not obstructed/interfered
- Recommend not modifying or replacing factory equipped bumper with aftermarket sourced bumpers which may interfere with radar mounting and/or “field of view”
- Do not paint or put stickers over the radar cover or use different cover
- Refer to vehicle line Body Builder Layout Books for details on ADAS
- CAD available showing standard “fields of views” for both radar and camera

NEW SUPER DUTY – UNDER HOOD ELECTRICAL EQUIPMENT MOUNTING (2017 – 2019MY)

SVE BULLETIN Q-277

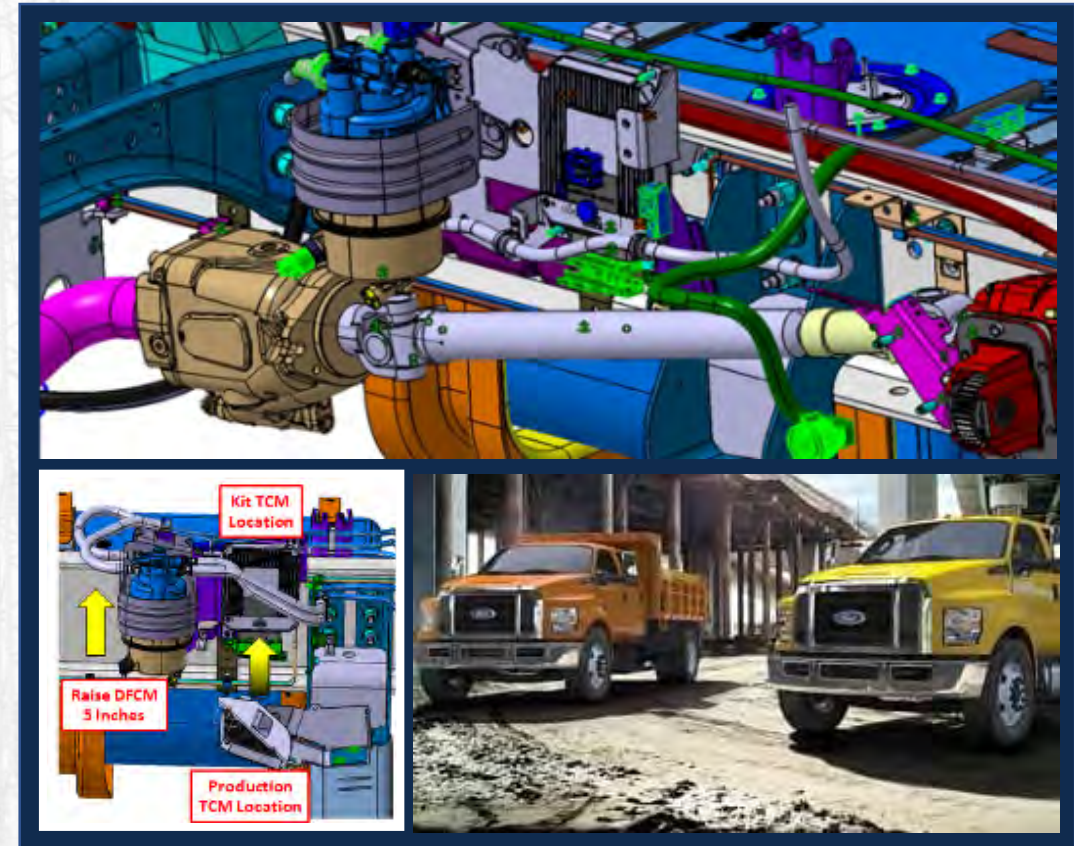
- 2017 Super Duty under hood layout and primary battery location has changed from 2016 and prior models provide guidance on:
 - 1) Recommended placement of electrical equipment being installed in engine compartment
 - 2) Minimum clearance to hood (specifically for battery positive (b+) related components)
- Electrical equipment added to engine compartment during any aftermarket installations/modifications must be positioned to prevent any B+ power from encountering underside of hood when closed
- All B+ related equipment must be placed/routed per recommendations within this Bulletin - adequately retained - shielded/covered and confirmed to have clearance to hood when closed to prevent unintended battery short to ground and damage to vehicle wiring
- For further details please reference SVE Bulletin Q-277



F-650/750 DIESEL FUEL CONDITIONING MODULE (DFCM) RELOCATION KIT

SVE BULLETIN Q287-R1

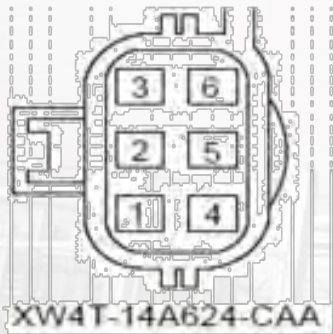
- DFCM and transmission control module (TCM) location can interfere with remote PTO pump mounted on LH frame
- Service kit enables relocation of DFCM and TCM upward out of way
 - Reference for 2016-2019MY regular cab models
- New fuel lines tooled and now available
- Service Kit Part No. JC4Z-9S317-C
 - DFCM/TCM relocation bracket
 - Parking brake/fuel line retention bracket
 - Replacement fuel supply lines
 - Installation instructions
- 2021MY Service Kit will be available Q2 2020
- Reference Body Builder Layout Book for details



NEW SUPER DUTY END OF FRAME WIRING CONNECTORS

SVE BULLETIN Q-298

- Bulletin addresses 2020MY Super Duty vehicles equipped with connectors located at rear end of frame which replaced 'blunt cut' wire harness offered in prior model years
- Information supplied in Bulletin to allow vehicle modifiers/upfitters to purchase associated components to create mating "plug-and-play" harness to suit upfit/modification



Chassis Cab XW4T-14A624-CAA Circuit Info			
Circuit #	Cavity #	Color	Function
CAT06	1	YE	LH TURN/STOP
CAT11	2	BN	TAIL/PARK LAMPS
CAT03	3	GY/BN	REVERSE LAMPS
CAT09	4	GN	RH TURN/STOP
CAT14	5	OG	12V BATTERY PWR
	6		NOT USED



Chassis Cab JU5T-14A624-YA Circuit Info			
Circuit #	Cavity #	Color	Function
CAT19	1	BU	TRAILER BRAKE CONTROL OUT
GD477	2	BU/GY	GROUND

NEW GUIDELINES FOR MODIFYING FORD TRUCK WHEELBASES EQUIPPED WITH ELECTRONIC STABILITY CONTROL (ESC)

SVE Bulletin Q-299R1

MODELS AFFECTED

2017+MY F-Series Super Duty

2021MY E-Series

2021MY Medium Duty Truck

2020MY F-Super Duty Basic
Stripped Chassis

ESC STANDARD FEATURE CONTENT

2017+MY F-Series Super Duty

2021MY E-Series

ESC OPTIONAL FEATURE CONTENT

2021MY Medium Duty Truck

2020MY F-Super Duty Basic
(Stripped) Chassis (F59 / F53)

MODIFICATION OF WHEELBASE CAN AFFECT VEHICLE PERFORMANCE WHICH COULD RESULT IN ABS OR STABILITY CONTROL FAULTS/LIGHTS

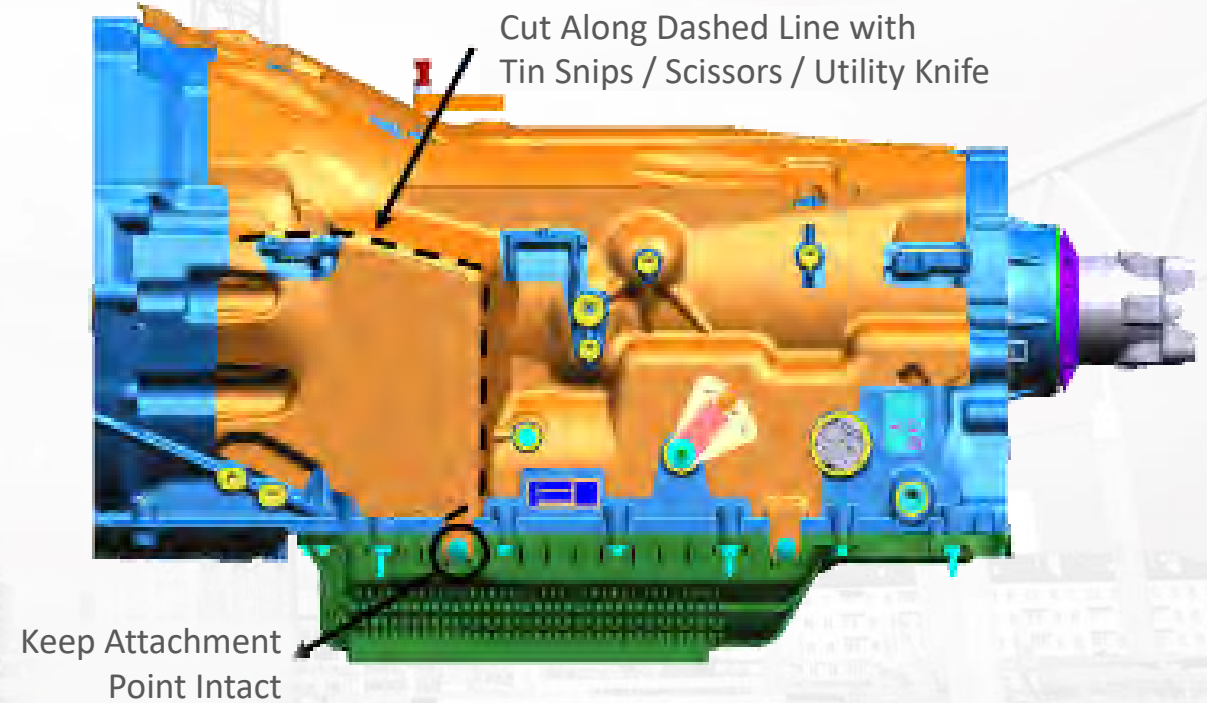
ESC System may also have changed response from production wheelbase configuration, but still provides acceptable driver assistance

Responsibility of alterer or final stage manufacturer to evaluate modified vehicle configurations to ensure that vehicle performance is acceptable to their customer base

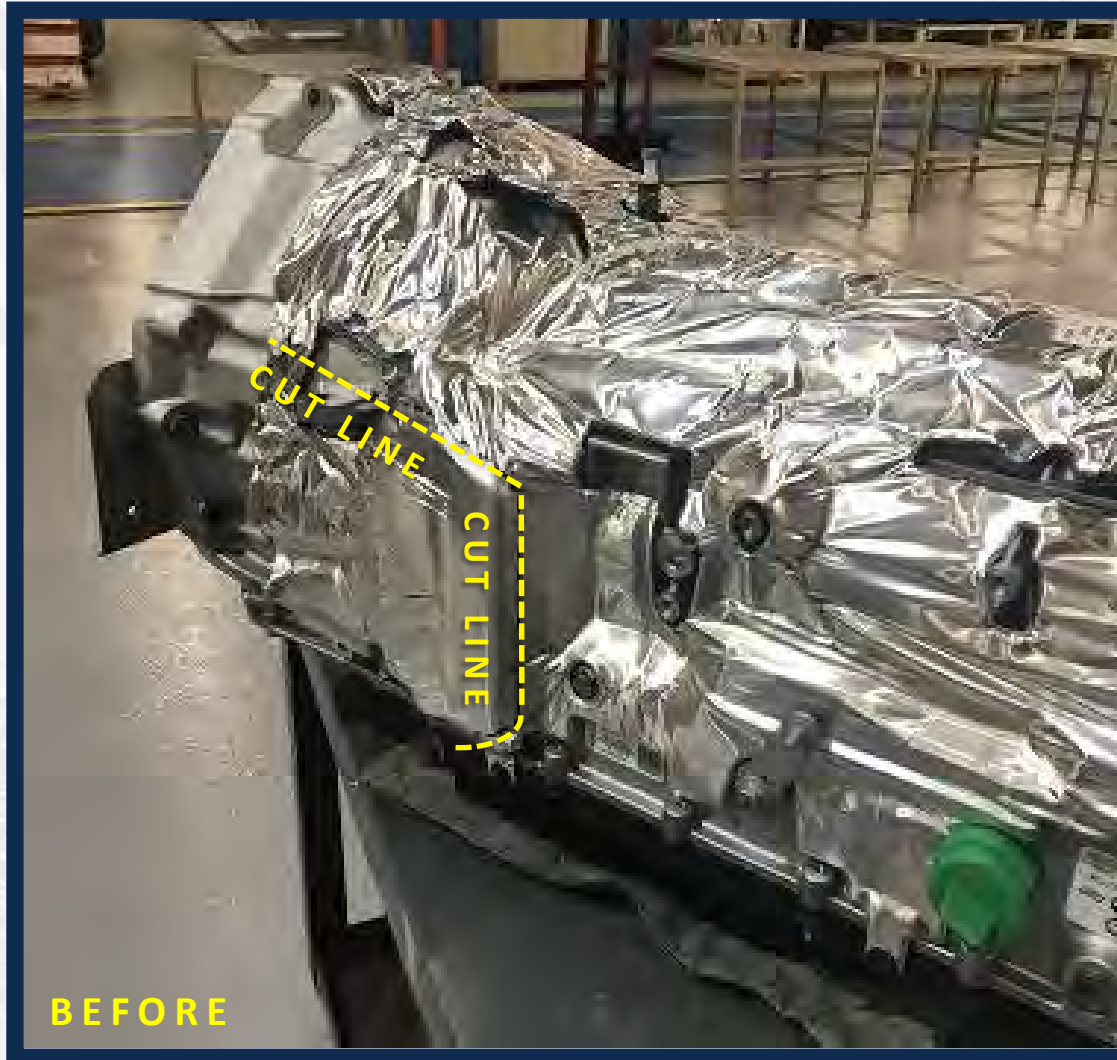
Contact body builder advisory service for assistance and questions

NEW NVH COVER OVER PTO OPENING 10R TRANSMISSION SUPER DUTY CHASSIS CAB (GAS) SVE BULLETIN Q-300

- Bulletin is to address 2020MY Ford Super Duty Chassis Cab equipped with transmission NVH cover which may interfere with PTO installation
- Recommended solution is to cut away a portion of NVH cover to provide clearance for PTO device installation
- Important to cut away portion of NVH cover - shown in images



NEW NVH COVER OVER PTO OPENING 10R TRANSMISSION SUPER DUTY CHASSIS CAB (GAS) SVE BULLETIN Q-300



2021MY E-SERIES LAMP/LIGHTING CIRCUIT ACCESS FOR TURN/STOP FUNCTIONS

SVE BULLETIN Q-301

- For 2021MY E-series, vehicle's rear lamp/lighting circuits for turn/stop functions can be accessed in driver's side b-pillar and at end of frame (LH side)
- Locating connectors C3359 and C434 will allow upfitter /modifier to access turn/stop function circuits

CONNECTOR

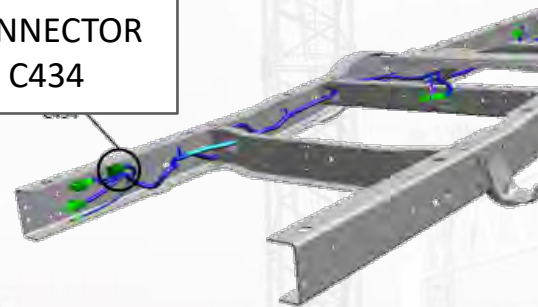
C3359



CONNECTOR C3359

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CONNECTOR C434

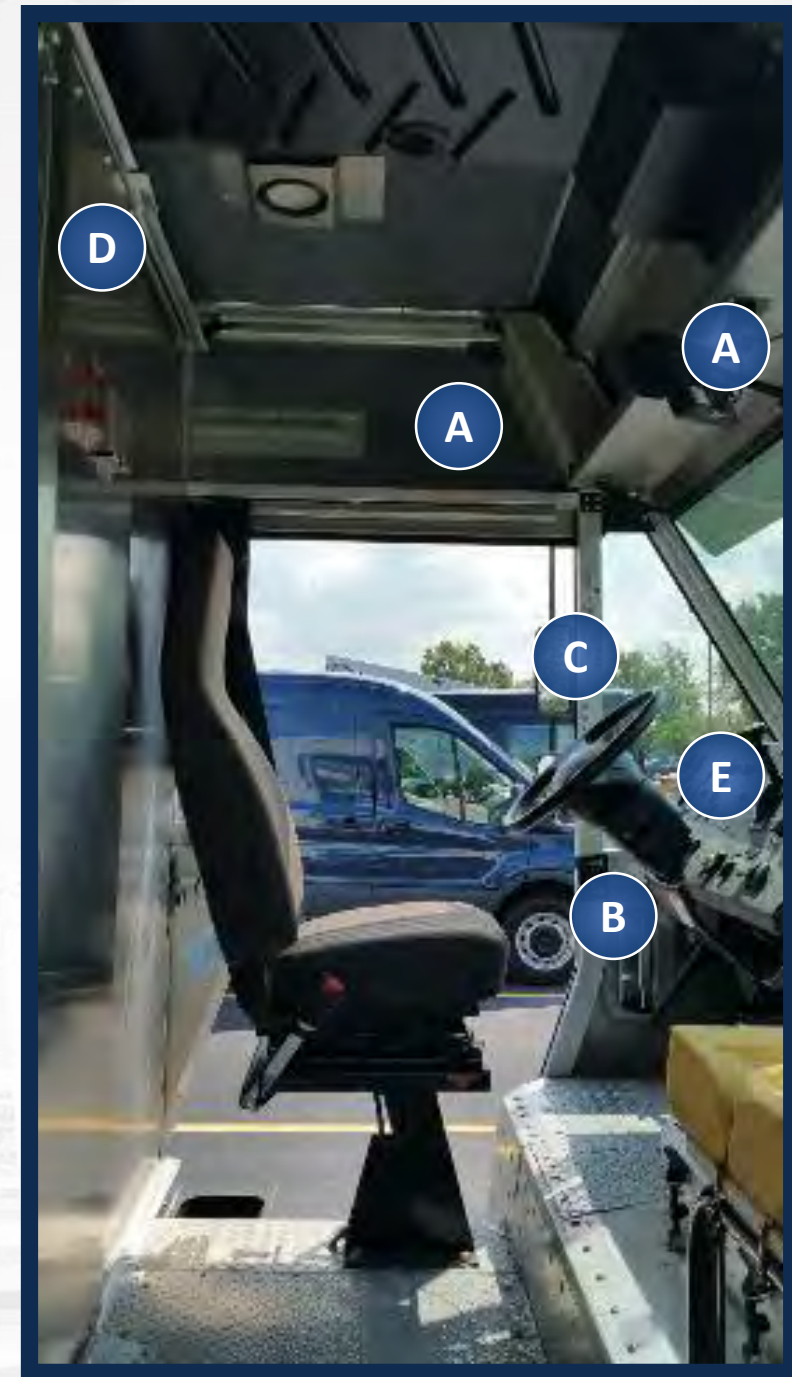


CONNECTOR C434

Pin	Circuit	Gauge	Circuit Function
1	CLF52 (GY/WT)	15	CTRL MOD. DAYTIME RUNNING LIGHT RIGHT
2	CLF52 (VT-WH)	15	CTRL MOD. DAYTIME RUNNING LIGHT RIGHT
3	CLF81 (WH-GN)	15	CTRL MOD. DAYTIME RUNNING LIGHT LEFT
4	CLF51 (GY-BU)	15	CTRL MOD. DAYTIME RUNNING LIGHT LEFT
5	CB895 (BN-BU)	15	FUSE - 55 OR CIRCUIT BREAKER
6	CLS10 (GN-BN)	20	CTRL MOD. REVERSE LEFT OR COMMON
7	CLD477 (BU-BV)	9	GROUND - FRAME REAR LEFT #2
8	CLS05 (BU-GY)	15	CTRL MOD. PARK
9	CLS05 (BU-GY)	15	CTRL MOD. PARK
10	CLF78 (GY-YE)	15	BATT. SAVE/DEMAND LD
11	SE607 (BL-BU)	15	FUSE - 27 OR CIRCUIT BREAKER

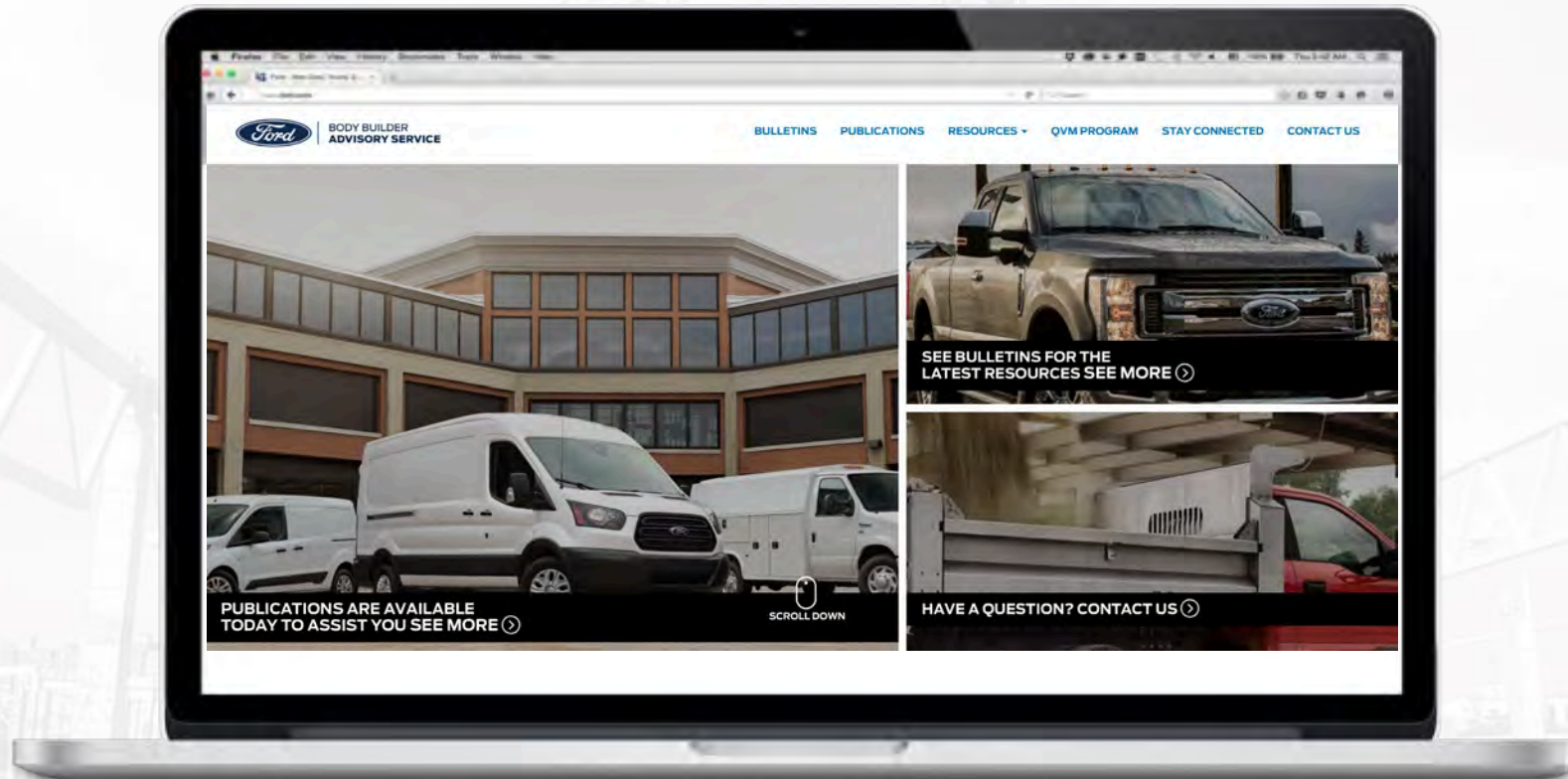
NEW 2020MY F59 STRIPPED CHASSIS SECONDARY AUDIBLE SPEAKER SVE BULLETIN Q-302

- 2020MY and newer F-59 Stripped Chassis ordered with Collision Mitigation and Lane Departure Warning
- Provides a recommended zone of where to mount secondary audible speaker in relation to cab space and driver
- Upfitter has option of mounting secondary audible speaker (provided in dunnage box) in area close to driver so that audible chime can be heard by driver
- Intent is to mount speaker exposed and not underneath dash panel or other components that would inhibit sound from speaker



FORD BODY BUILDER ADVISORY SERVICE (BBAS)

WWW.FORDBBAS.COM



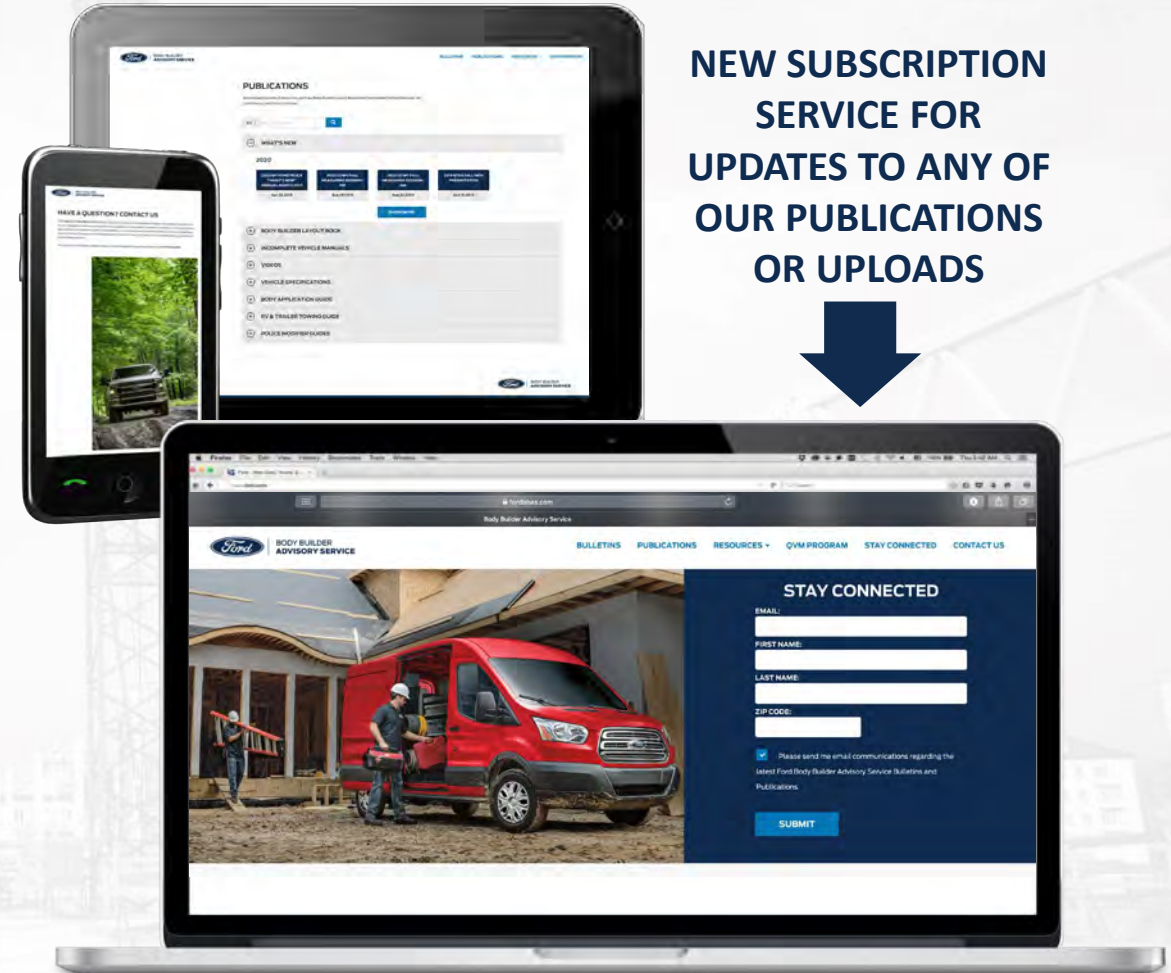
PHONE
1-877-840-4338

WEBSITE
WWW.FORDBBAS.COM

FORD BODY BUILDER ADVISORY SERVICE (BBAS)

WWW.FORDBBAS.COM

- NEW URL (www.fordbbas.com)
- Updated look and feel
- Simplified menu navigation and efficient user experience
- Mobile platform friendly
- Improved “Contact Us” forms:
 - Allowing users to enter specific vehicle information
 - Upload related attachments
 - Separate request forms for questions vs. requests for CAD
 - Review and sign non-disclosure agreement online
 - New subscription service for updates to any of our publications or uploads
 - Improved ticketing system to manage timely responses to questions/requests
- Search and filter functionalities for publications and bulletins




REQUEST THROUGH BBAS WEBSITE

<https://fordbbas.com/contactus>

CAD DATA REQUESTS

- File format - .STP
- New “Syncplicity” file exchange/email link (CD’s no longer used)
- If surface data is all you need – please specify (file size significantly reduced)
- Be specific – a vin or vehicle spec’d out to show buildable combination helps
- Confidentiality Agreement (just read and check box online)



HAVE A QUESTION? CONTACT US

This website is intended to be an advisory service for Commercial Vehicle Body Builders and Upfitters/Modifiers only. It is not intended to address warranty claims, customer questions and/or complaints. If you are a Commercial Vehicle Body Builder, Ford Approved QVM, Police Modifier, or an Upfitter, please use the form below to contact us regarding vehicle Technical Specifications and component CAD data. Please note total and/or complete vehicle CAD data will not be made available.

To speak with a Ford Body Builder Advisory Service Helpdesk Representative, please call 877-840-4336.

SELECT BETWEEN FORM FIELDS BELOW

☒ GENERAL QUESTION ☐ CAD REQUEST

NAME:

POSITION:

COMPANY:

COMPANY PHONE:

COMPANY EMAIL:

PLEASE ENTER A 17-DIGIT VIN NUMBER AND/OR THE REQUIRED VEHICLE INFORMATION FIELDS.

VIN:

MODEL YEAR:

VEHICLE MODEL:

BODY STYLE:

ENGINE:


DRIVE:


REAR WHEELS:

WHEELBASE LENGTH:

QUESTION(S):

UPLOAD ATTACHMENTS:

☐ I'm not a robot 



FORD COMMERCIAL VEHICLES

MEASURING SESSION

- 2020MY F-Series Duty F-600
- 2021MY F-150
 - Planned for Q3 2020
 - Stay tuned for updates via Body Builder Advisory Service Website





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FORD COMMERCIAL SOLUTIONS



| FORD COMMERCIAL SOLUTIONS



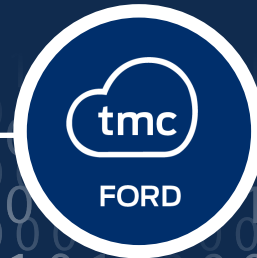
FORD COMMERCIAL SOLUTIONS

VEHICLE DATA HELPS....

Save Time

Save Money

Simplify Your Business





100% CONNECTED

FORD COMMERCIAL SOLUTIONS

TWO PRODUCTS IN MARKET

1

DATA SERVICES

Vehicle Data Pipeline (API) to customers who manage large multi-make fleets (i.e. telematics service providers, fleet management, and rental car companies)

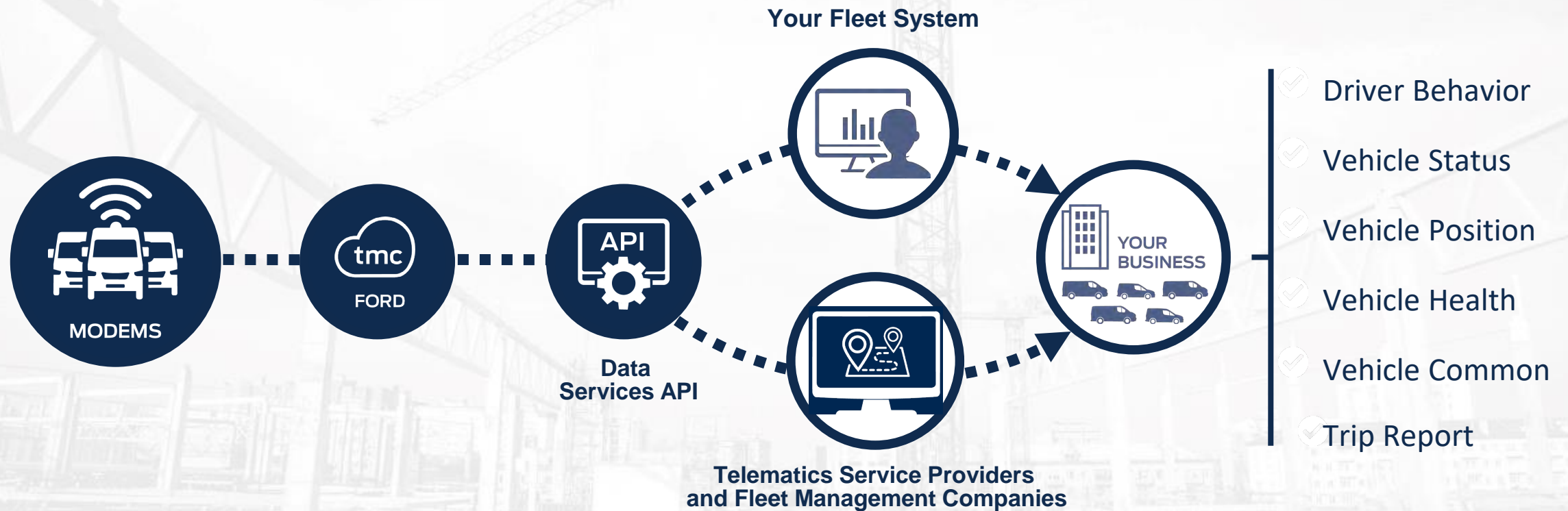
2

FORD TELEMATICS™

Cloud-based Fleet Information Application serving Ford Dominant fleets, providing tools and insights to improve their operational effectiveness

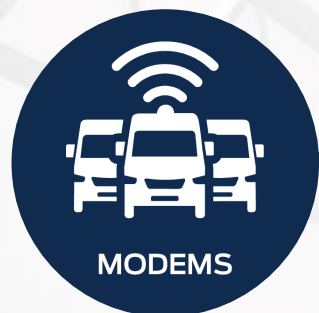
FORD DATA SERVICES™

For large, multi-make fleets and fleet management companies leveraging existing telematics service providers



FORD TELEMATICS™

Developed For Ford Dominant Fleets

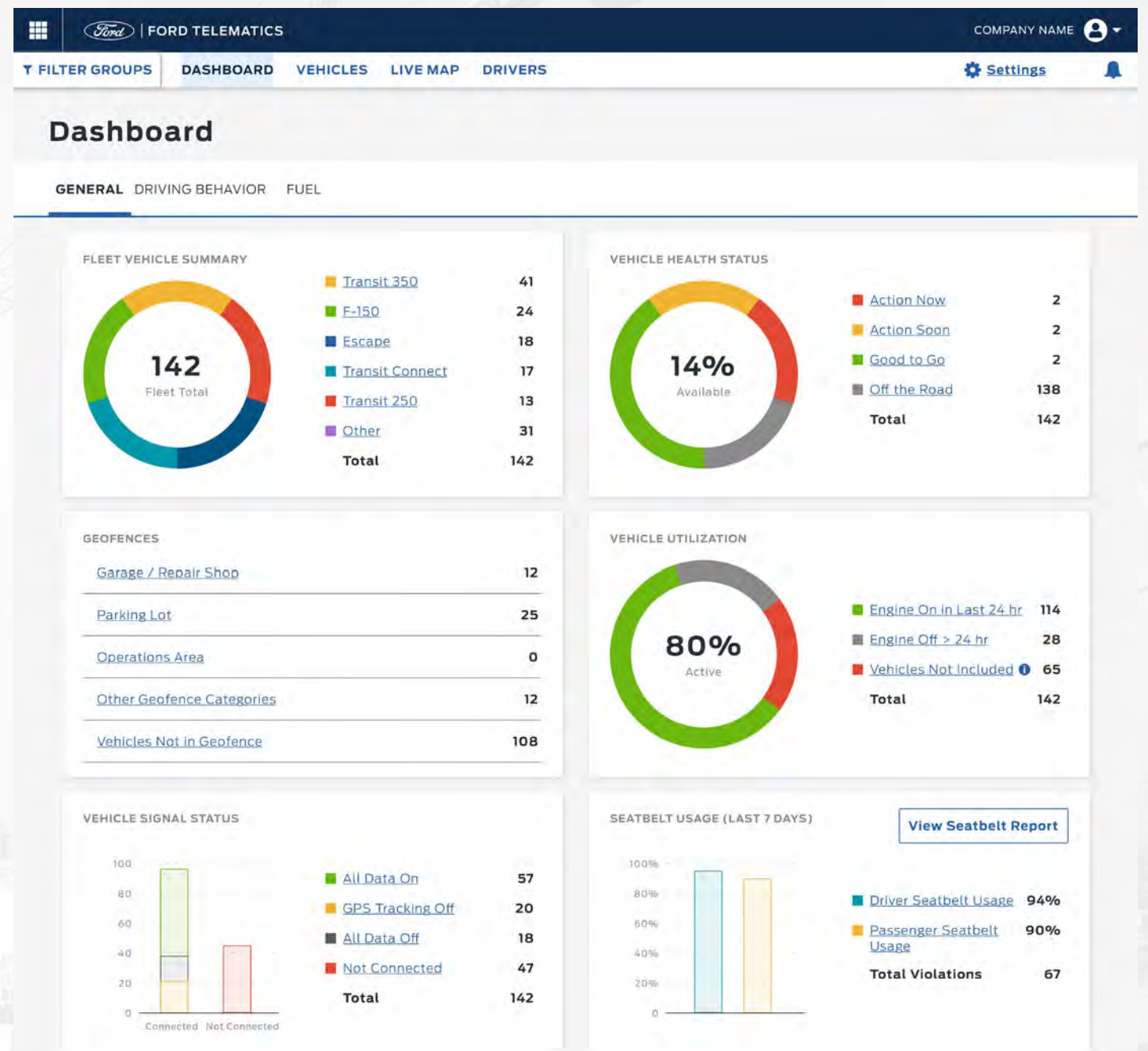


- ✓ Dashboards
- ✓ Vehicle Health
- ✓ Location & Geofences
- ✓ Driver Behavior
- ✓ Fuel
- ✓ Security

2

FORD TELEMATICS™

- Dashboards
- Vehicle Health
- Locations and Geofences
- Route Tracking
- Driver Behavior
- Fuel Insights
- More





**THOUSANDS OF VEHICLES
CONNECTED**

AND RAPIDLY SCALING

FUTURE CONNECTED VEHICLE SERVICES

COMING SOON

Ford Data Services™

Ford Telematics™



QUESTIONS? DEMO?

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Q&A



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