



Bosch ESI[truck] Heavy Duty Truck Software Update

Version 2021/3

www.boschdiagnostics.com

Welcome

In version 2021/3, Bosch continues to expand the ESI[truck] diagnostic coverage and capabilities. A brief summary of all the content additions are on the following pages. All of the additional features and functions are too complex to summarize in this newsletter, but we are confident you will be happy with the value the ESI[truck] Diagnostic system adds to your professional shop.

See the graphs beginning on the next page that highlight the ever-growing capabilities that you – our valued customers - support when you make the decision to renew your annual software license.

If you are interested in even more of the details behind all the great improvements, please visit www.boschdiagnostics.com, and navigate to the 3824A (ESI Truck) page. Click on the 'View Vehicle Coverage' link to navigate the user friendly interface and check detailed coverage.

New 'ELS' Software Behavior

ELS stands for **E**xtended **L**icense **S**ubscription. We are excited to announce that with this version of software, we have implemented functionality so your ESI Truck software will no longer stop functioning if you decide to not pay for the annual update.

However, in order for the ELS behavior to 'kick in', you are required to have purchased (and registered) your new tool or annual renewal **on, or after August 1, 2021.**

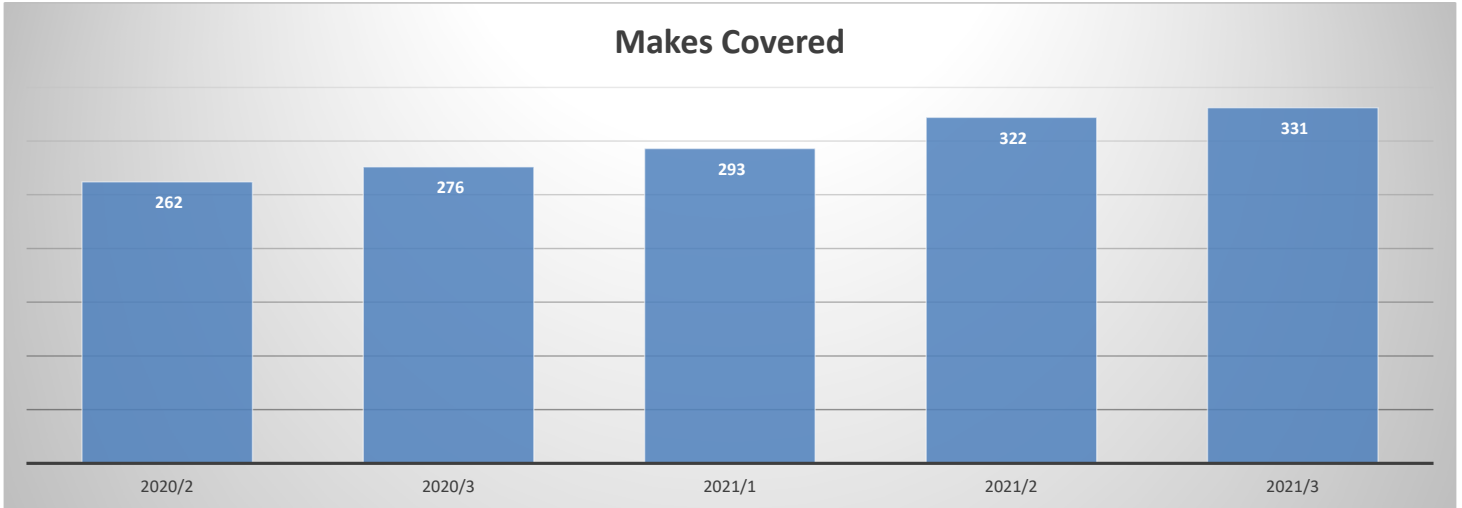
Upon expiration of your software (*beginning July 31, 2022*), you will only need to click on a few buttons to keep your software 'active' without the ability to receive the periodic updates.

Of course, we believe you will still find sufficient value in our periodic updates, and continue to purchase on an annual basis.

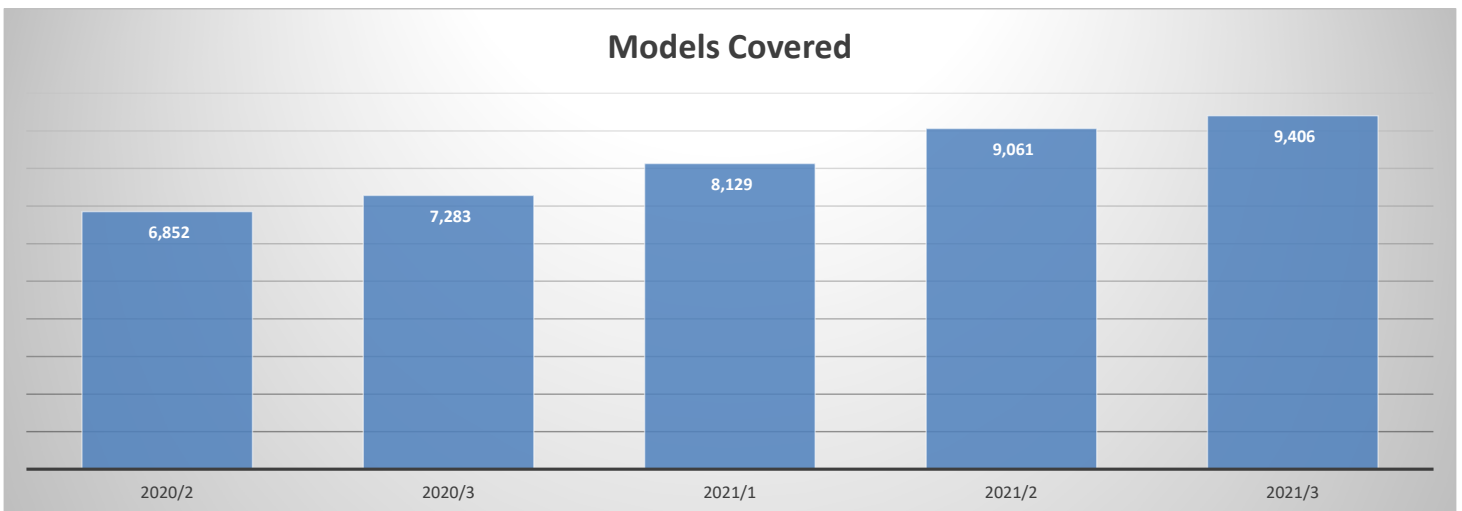
Please contact your distributor or Bosch support team if you have any questions.

Expanding Coverage

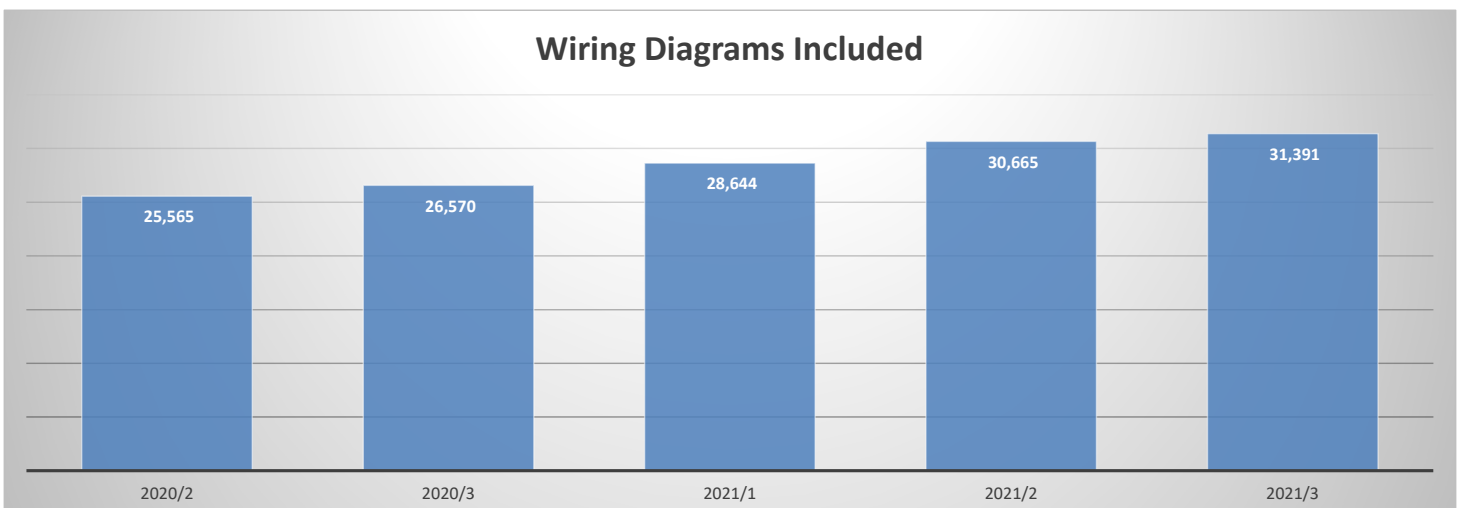
Makes Covered



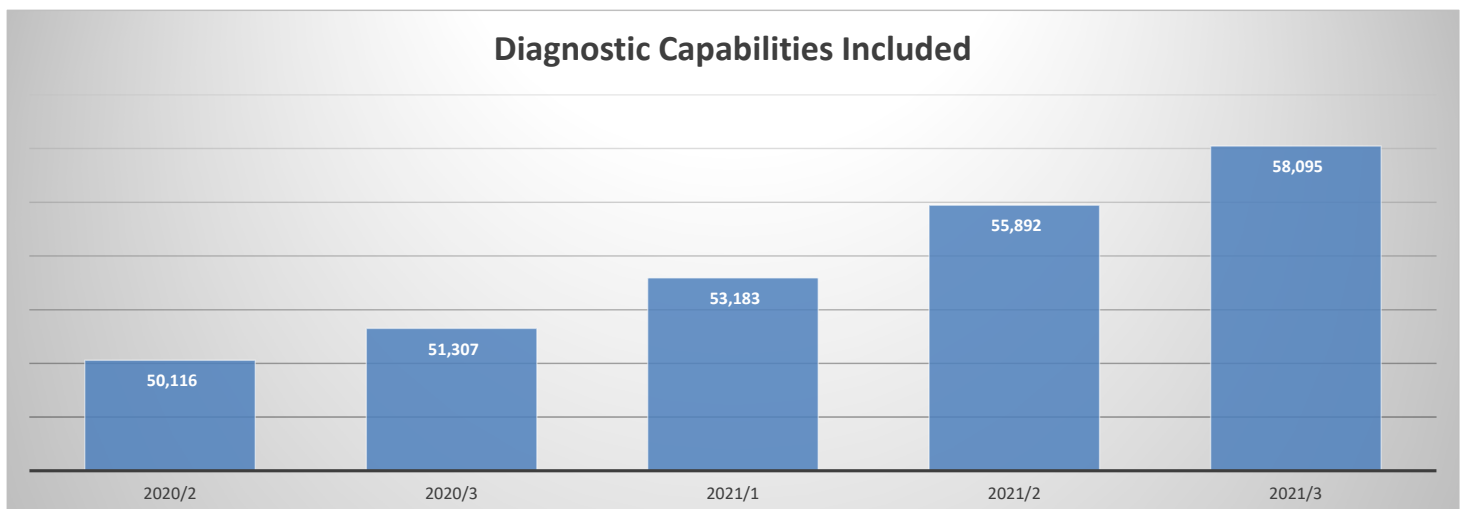
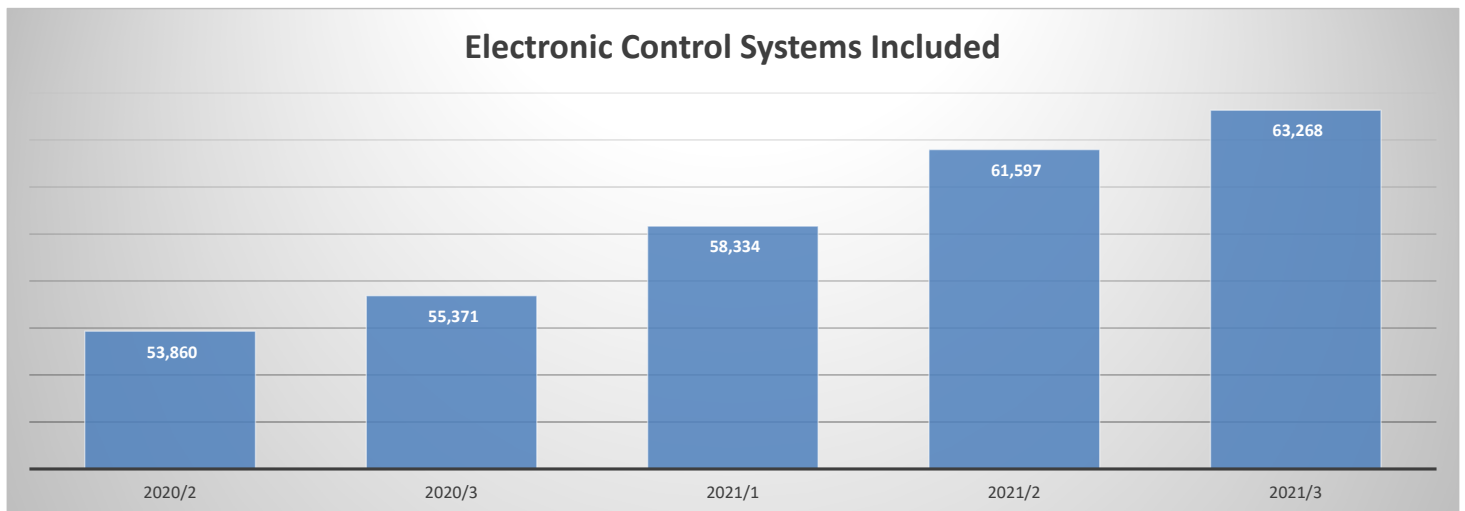
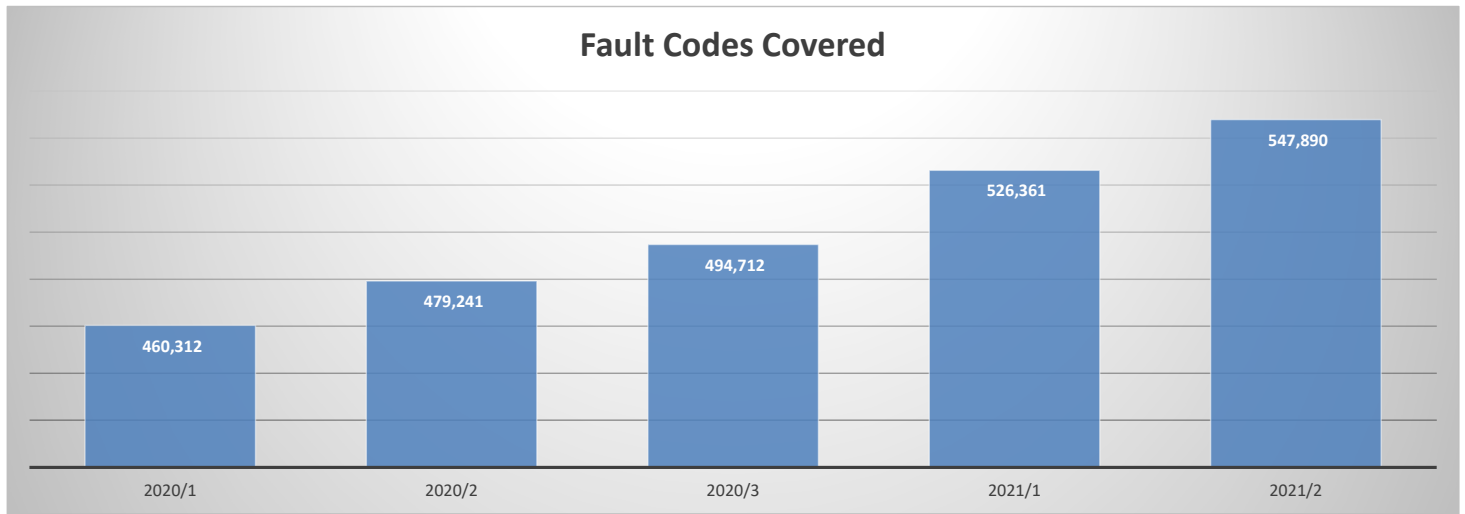
Models Covered



Wiring Diagrams Included



Expanding Coverage (continued)



Additional Vehicle Coverage & Highlights

Heavy –Duty Truck

New content has been added for the following Heavy Duty Systems:

- ▶ Bendix –
 - Wingman Fusion FLC20 ADAS
 - TPMS
- ▶ Caterpillar –
 - EPA 04/07 Engines new troubleshooting
 - Default warning indicators available while recording data
- ▶ Cummins –
 - X12 CM2350 – SCR efficiency and particulate regen, new troubleshooting
 - X15 CM2350 – Component replacement guides updated
 - B6.7 CM2450 – Added technical data and wiring diagrams
 - L9 CM2450 (GHG21) – Added technical data and wiring diagrams
 - 15.0 400EX (X15 X124B) GHG21
 - 15.0 500ST (X15 X124B) GHG21
 - 15.0 605V (X15 X134B) GHG21
- ▶ Dana –
 - CTIS – Modifying parameters on tire info system
- ▶ Detroit Diesel-MBE –
 - GHG 14 / GHG17 –
 - New CPC5 powertrain controller in 2021 New Cascadia
 - VIN Synchronization
 - DDEC16 DD16 GHG17 – new troubleshooting
 - DDEC & MBE Engines
 - New component replacement guides
 - EPA 07 – new parameter groups
 - New Cascadia modules – new variants and extended coverage
 - DT12 Transmission – added parameter modifications and component replacement guides
- ▶ Eaton –
 - New Hybrid Electric Drivetrain system
- ▶ Meritor Wabco –
 - Tractor SmarTrac mBSP – new troubleshooting
- ▶ Navistar –
 - MaxxForce & SCR Engines –
 - New parameter groups
 - New component replacement guides
 - Freeze frame data
 - Enhanced troubleshooting guides
 - N9 & N13 Engines –
 - Cause and effect info added to most common DTCs
 - ESC – many new bidirectional tests
 - VGT reset in International A26 (2017+ models)
- ▶ Paccar –
 - CECU 3 (CAN) – New references and variants, new troubleshooting

- ▶ Volvo/Mack –
 - Engine type data and vehicle service data in new MACK engines:
 - 10.8 345 (MP7) US21
 - 10.8 425 (MP7) US21
 - 12.8 505 (MP8) US21
 - Engine type data and vehicle service data in new VOLVO engines:
 - 10.8 385 (D11H) US21
 - 12.8 375 (D13H) US21
 - 12.8 500 (D13H) US21
- ▶ ... And MUCH More!

Trailer Additional Coverage

New content has been added for the following Trailer Systems::

- ▶ Bendix –
 - TABS-6 ADV MC – Bidirectional tests added
- ▶ Haldex –
 - New ITCM Trailer brake system
- ▶ Meritor Wabco
 - Trailer ABS 2M with RSS Plus – pressure test, system test, and operation data
 - Trailer ABS 1M with RSS Plus Basic – system test and operation data

Light and Medium –Duty Truck Additional Coverage

New content has been added in the following Light and Medium Duty (Light Commercial) Vehicles:

- ▶ Ford –
 - Additional technical data for several systems, including:
 - 2018+ F-150 3.0 PCM/TCM
 - 2020+ F600 7.3 PCM/TCM
- ▶ Freightliner –
 - Sprinter 2019+ with OM 642 engine – new EZS ignition
- ▶ GMC/Chevrolet –
 - 2018+ Silverado HD 4500-6500 coverage
- ▶ Hino –
 - New system for ECM parameters configuration
 - New wiring diagrams and technical data added for several systems
- ▶ Isuzu –
 - Over 150 component images and locations added

Off-Highway Software

NOTE – these features are only available if you have purchased the Off-Highway add-on module for the *Bosch ESI Truck*. To learn more about this additional capability, visit www.boschdiagnostics.com or see your tool distributor.

- ▶ Off-Highway was first available with software revision (2018/3)
- ▶ Online Repair (Troubleshooting) module is free of charge during the promotional period **until the end of 2021**.

Agricultural Vehicles Additional Coverage

New content has been added in the following Agricultural Vehicle Systems:

- ▶ Basak – New Make
- ▶ Case iH – Farmall A, Farmall U (TMR), engine: Final Tier 4/Stage IV, Puma Series – 18/19x6 Semi Power Shift
- ▶ Claas – Nexos
- ▶ Fendt –900 Vario Series (GEN6), engine: MAN, Final Tier 4/Stage IV
- ▶ Foton Lovol – New Make
- ▶ JCB – Fastrac 3000 Series, Fastrac early 2000 Series
- ▶ John Deere – S700
- ▶ Kubota – R325
- ▶ Landini –7 Robo-six Series, Rex 3 Series, Trekker Series
- ▶ Massey Ferguson – 7200 Series, 569X Series, 989X Series
- ▶ McCormick – X7.6 P6-Drive Series, TX Series
- ▶ Miller – New Make
- ▶ New Holland – TD4 F Series, T5 Series, 7000 Series, 9000 Series
- ▶ Steyr – Kompakt S Series
- ▶ Valpadana –7000 Series, 9000 Series
- ▶ Valtra –S4 Series, N 101HCR (AC10.2), N Series (AC36.61), T Series (AC37.6)
- ▶ Zoomlion – New Make
- ▶ **Much More! Including:**
 - Additional Technical and Maintenance data for: Case iH, Claas, Deutz-Fahr, Fendt, John Deere, Kubota, Massey Ferguson, New Holland, and Steyr
 - Additional Troubleshooting Guides and Procedures for: John Deere, New Holland, and Steyr
 - Additional Wiring Diagrams and Technical Information for Systems in: Deutz-Fahr, Hürlimann, John Deere, Kubota, Lamborghini, and Landini.
 - New features in Caterpillar engines, Cummins engines, Deutz engines, MAN engines, and PERKINS engines

Construction Vehicles Additional Coverage

New content has been added in the following Construction and Off-Highway Vehicle Systems:

- ▶ Caterpillar – New coverage: C-44.4/C-6.6 engines, EHCUII hydraulics, MCM in D Series and crawl excavators, and new wiring diagrams
- ▶ Doosan – New coverage: E-POS central computer
- ▶ Hansa – New brand
- ▶ JCB – New coverage: SCR exhaust gas treatment
- ▶ Komatsu – New coverage for articulated haulers and dozers, and Cummins engines
- ▶ Volvo CE– New coverage: EDC V2 engine, parameter modifications, HMICU unit, and ACM exhaust treatment
- ▶ Wollard – New brand

Stationary Engines Additional Coverage

New content has been added in the following Stationary Engine brands:

- ▶ Cummins – New coverage in:
 - E6D125/6D140/6D170 11/15/23 CM2250
 - QSL9 CM2250
 - QSX 11.9/15 CM2250
 - X12 CM2350
- ▶ Deutz – New coverage:
 - Compatibility codes in EDC 17 CV52 and EDC 17 CV54
 - EMR4, EDC 17 CV52 engine control
 - New ECU HPCR (Level 25) Interim Tier 4/Stage IIIB
- ▶ Isuzu – New coverage: 4LE2 CAN engine control
- ▶ Kubota – New coverage: ACU exhaust treatment
- ▶ Perkins – New coverage:
 - 1204E/1206E and 1204F/1206F engine added functions
 - New wiring diagrams for 1103C and 1104C Tier 2 engines, and 403F and 404F Tier 4 engines
- ▶ Volvo Penta – New coverage:
 - EMS V3 – modification of injection correction factor
 - New wiring diagrams in TTAD1640-42GE and TAD1641-43VE models
- ▶ Yanmar – New wiring diagrams in 3TN88F model

Thank you for being a loyal Bosch Customer.

Visit www.boschdiagnostics.com and see your preferred Bosch Distributor for more information.

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