



# Bosch ESI[truck] Heavy Duty Truck Software Update

## Version 2021/4

[www.boschdiagnostics.com](http://www.boschdiagnostics.com)

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## Welcome

In version 2021/4, 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](http://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 **Extended License Subscription**. We are excited to remind you that we have implemented functionality so your ESI Truck software will no longer stop functioning if you decide to not pay for the annual update.

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**.

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.

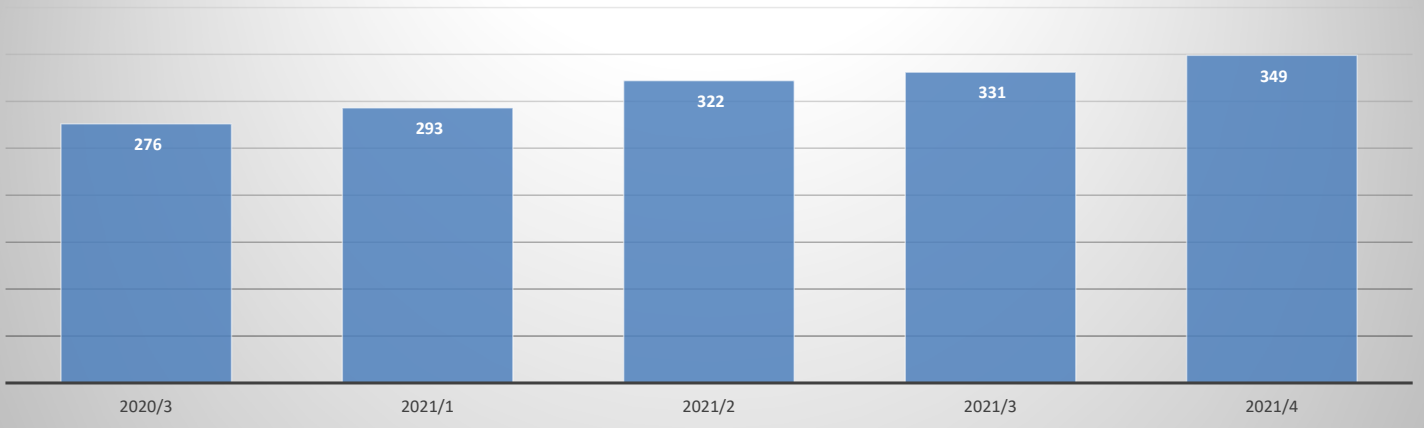
## New Software Features

**Search Server for New System Variants** – This update includes a new feature that will connect to the Bosch server to search for new system variants if the vehicle (or system) you are connected to is not fully recognized by the ESI Truck system. If the server has an update for the particular system you are connected to – it will be downloaded to your tool. You will be prompted when this happens – informing you that an internet connection is required.

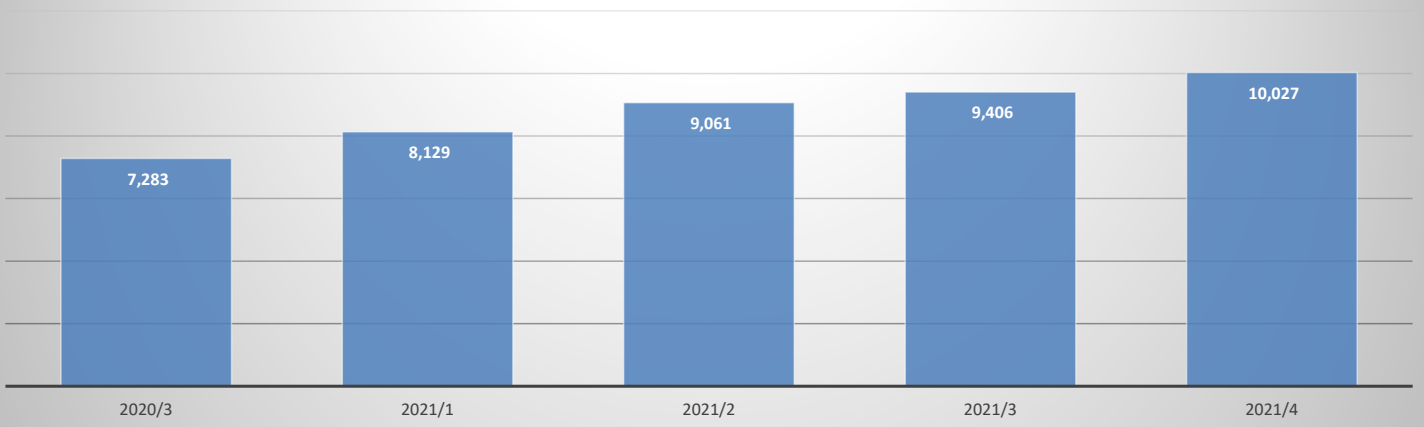
**VIN and Mileage (Odometer) Data** – If the vehicle you are connected to provides VIN and/or Odometer readings in the available data stream, this information will automatically be populated on the System Overview Report.

# Expanding Coverage

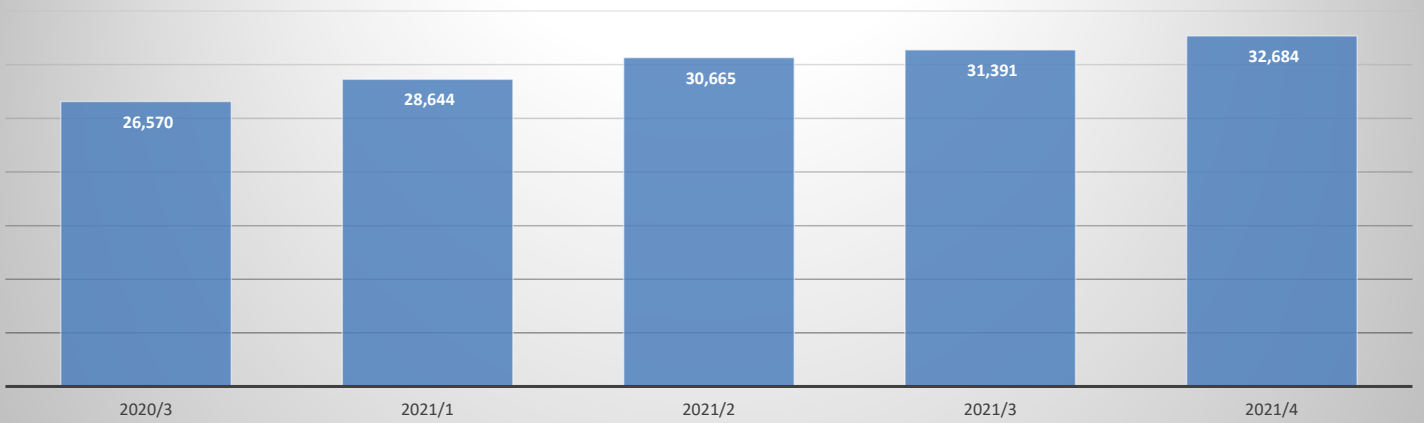
### Makes Covered



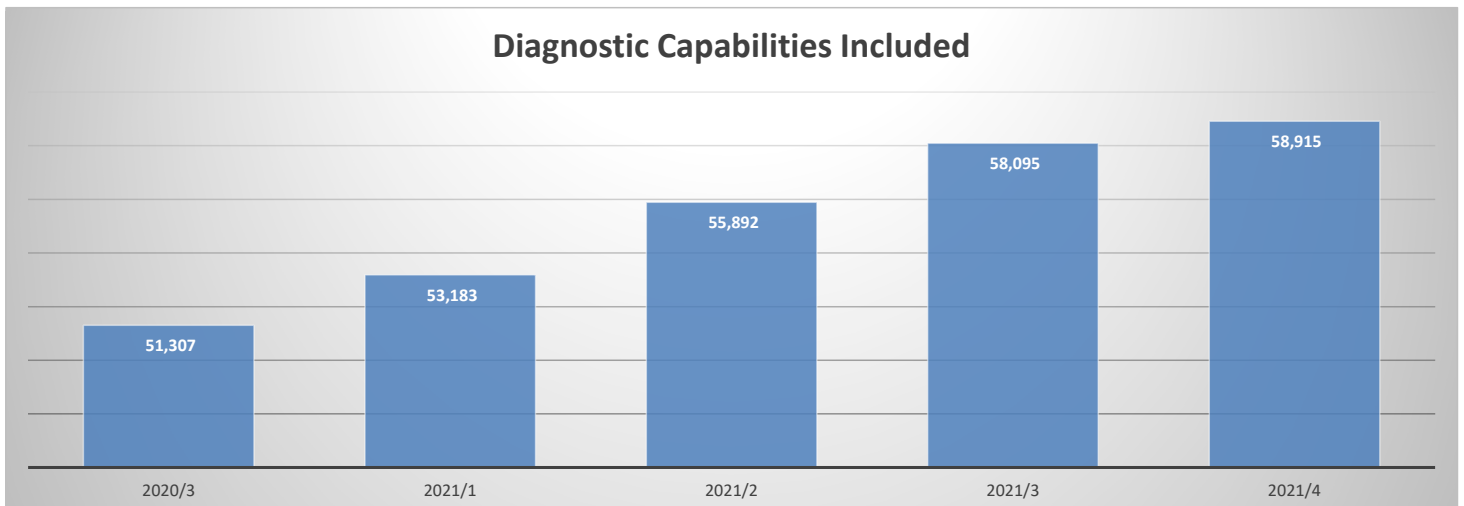
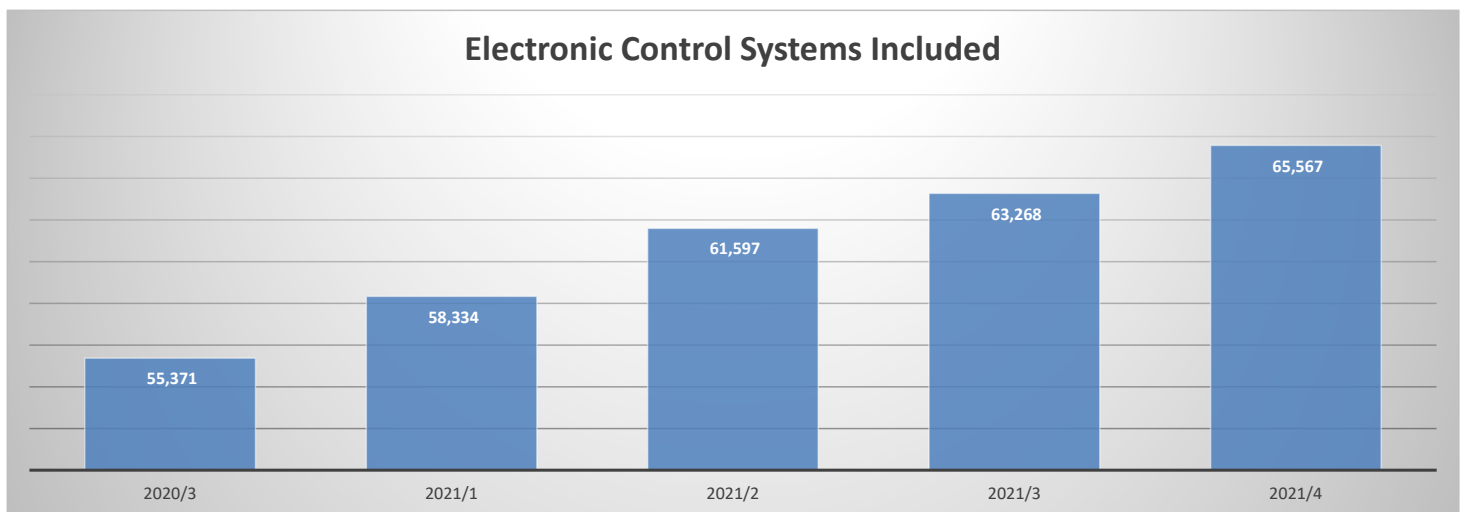
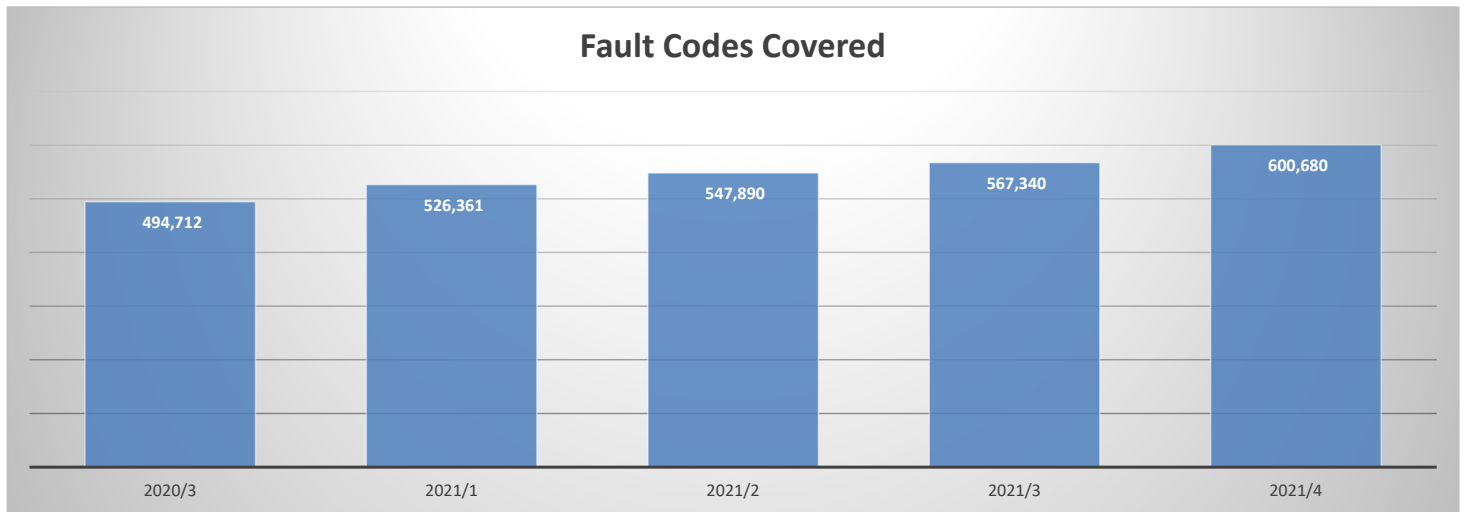
### Models Covered



### Wiring Diagrams Included



## Expanding Coverage (continued)



# Additional Vehicle Coverage & Highlights

## Heavy –Duty Truck

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

- ▶ Allison –
  - New replacement guides for 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> generation transmissions
- ▶ Bendix –
  - EAC electronic air controller system
- ▶ Caterpillar –
  - EPA 98/ EPA 04 engines new “Engine valves adjustment” procedures
- ▶ Cummins –
  - GHG 21 CM2450 - New functions
  - GHG 17 CM2350 – new functions, component replacement guides, and troubleshooting
  - ISL9 CM2350 – New functions
- ▶ Dana –
  - CTIS & CTIS Mechatronic – New features and functions
- ▶ Detroit Diesel-MBE –
  - EPA10/GHG14/GHG17 – New coverage and functions
  - DDEC & MBE Engines – New functions and procedures
  - New Cascadia Models – New system coverage and functions
- ▶ Mack –
  - EMS V3 Engine – New functions
  - TCM Transmission – New dual clutch calibration
  - Most Engines – New Engine valve adjustment with/without engine brake
- ▶ Navistar –
  - MaxxForce & SCR Engines –
    - A26, MaxxForc 11/13 and N9/N10/N13 SCR Systems – extended coverage
    - Maxxforce 15 – New functions
    - MaxxForce 7 & DT 9/10 EPA 07 – new replacement guides and diagrams
  - EcoFit UL2 in A26 GHG17 engines – new procedures
  - A26 GHG21 Engine – added maintenance data
- ▶ Paccar –
  - PCI (GHG17) Engine – New functions
  - MX 11/13 EY Engine – New procedures
- ▶ Volvo/Mack –
  - US17/US19/US21 Models – New diagrams
  - EcoFit UL2 in A26 GHG17 engines – new procedures
  - Most Engines – New Engine valve adjustment with/without engine brake
- ▶ ... And MUCH More!

## Light and Medium –Duty Truck Additional Coverage

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

- ▶ Dodge –
  - RAM 2500/3500/4500/5500 6.7L (2018+) – New functions
  - New ADAS coverage
  - New RFH radiofrequency functions
- ▶ Ford –
  - F-650/F-750 6.7L (2019 +) – New models
  - F-250/F-350/F-450/F-550/F-600 6.7L (2019+ New models
- ▶ GMC/Chevrolet –
  - 6HK1-TC Engine – improved coverage
- ▶ Hino –
  - New engine control diagnostics coverage
- ▶ Isuzu –
  - New engine control diagnostics coverage
  - 4HK1-TC / 6HK1-TC / 4JJ1-TC Engines – improved coverage
- ▶ Mercedes-Benz –
  - Sprinter 2500/3500/4500 OM 642 engine (2019+) – improved coverage

## 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](http://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 2022**.

## Agricultural Vehicles Additional Coverage

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

- ▶ Case iH – New models, new coverage for multiple systems
- ▶ Claas – New EDC 17 CV42 coverage in Jaguar models
- ▶ Deutz-Fahr – New functions and coverage
- ▶ Fendt – New coverage
- ▶ Grimme – New Make
- ▶ Jacto – New Make
- ▶ John Deere – New coverage in 6M, 7R, CH300, CH500, 5R models
- ▶ Kubota – New coverage in M7 models
- ▶ Massey Ferguson – New coverage
- ▶ MTS-Sandei – New coverage
- ▶ New Holland – New coverage
- ▶ Same – New coverage
- ▶ Steyr – New coverage
- ▶ Valtra – New coverage
- ▶ **... and Much More!**

## Construction Vehicles Additional Coverage

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

- ▶ Ahlmann – New Make
- ▶ ASV – New Make
- ▶ Bell – New Make
- ▶ Case CE – New coverage
- ▶ Caterpillar – New coverage
- ▶ Haas – New Make
- ▶ Hyundai CE – New coverage
- ▶ John Deer CE – New coverage
- ▶ Kobelco – New Make
- ▶ Liebherr – New coverage
- ▶ New Holland – New coverage
- ▶ Volvo CE – New coverage
- ▶ Weiler – New Make

## **Stationary Engines Additional Coverage**

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

- ▶ Cummins – New coverage
- ▶ Deutz – New coverage
- ▶ John Deere – New coverage
- ▶ Perkins – New coverage
- ▶ Volvo Penta – New coverage

***Thank you for being a loyal Bosch Customer.***

***Visit [www.boschdiagnostics.com](http://www.boschdiagnostics.com) and see your preferred Bosch Distributor for more information.***

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