



Bosch ESI[truck] Heavy Duty Truck Software Update Version 2020/2

www.boschdiagnostics.com/pro

Welcome

In version 2020/2, Bosch continues to expand the ESI[truck] diagnostic coverage and capabilities. A brief summary of all the content additions are on the following pages. See the graphs beginning on page 6 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/pro, go to the downloads section, and click on the 'Full Release Notes' for this version.

New Cables

As we continue to add coverage for the Agricultural and Construction fleet (Off-Highway, or OHW), we are also adding many new cables to our offering. **We recently added 20 new cables, and will soon be adding 22 more.** Reference the 10-digit part number on the 'Connector selection screen, and contact your preferred Bosch distributor for details on ordering.

See the multi-page chart beginning on the next page for information on all the cables that are now (or will soon be) available.

Recent Product Upgrades

As explained in the most recent 2020/1 What's New document, you now have the ability to upgrade your existing DCU 100 tablet (Windows 7) to the new, high-powered Windows 10 HDS 1000 tablet that comes with the 3824A ESI Truck.

The tablet upgrade and a compatible docking station are now available. See your preferred Bosch distributor for details.



Cable Cross-Reference Chart

Part Number	SKU	Description	Applications	Available
1 684 463 944	3824-02	Cable,6-Pin Deutsch	Truck: J1587 Applications	Yes
1 684 465 611	3824-03	Cable, OBDII	Truck: J1962 Applications All: Main Adapter	Yes
1 684 463 792	3824-04	Multi-Pin Diagnostic Cable	Multi-Use for all types of Vehicles	Yes
1 687 011 524	3824-04A	Kit,Connection,Uniadapter	All Vehicles when using the UNI Adapter Cable (3824-04)	Yes
NA	3824-04B	Kit,Uniadapter	All vehicles where the designed cable/connector is not available.	Yes
NA	3824-06	Trailer (PLC) Adapter	Trailers Engines: Meritor Wabco, Bendix, Haldex USA	Yes
1 684 465 814	3824-10	Cable,9-Pin Deutsch (Green)	Multiple	Yes
1 684 465 787	3824-14	Thermo King Cable	Trailer: Thermo King Smart Reefer 2 &3, Thermoguard TG-VI, and Carrier Vector	Yes
1 684 463 793	3824-15	Voith Transmission Cable	Truck: Scania, ERF, FAQ, Ashok Leyland MFG: Wabco, Voith Bus: Isuzu, Van Hool, Solaris, Credo, King Long, Solbus, MAN LCV: Multicar	Yes
1 684 463 772	3824-17	Cable,Deutz-Fahr,OHW	Truck: Mercedes-Benz Bus: Mercedes-Benz, Setra, Neoplan, MAZ LCV: Mercedes-Benz, Volkswagen MFG: Mercedes-Benz Ag: Claas, Deutz-Fahr, Same, Lamborghini OHW: Grove, Tadano Faun, Terberg, Liebherr, Demag, Sandvik	Yes
1 684 465 821	3824-18	Cable,SDF Group,OHW	Ag: Deutz-Fahr, Same, Lamborghini, Hurlimann	Yes
1 684 465 830	3824-19	Cable,Massey Ferguson,OHW	Ag: Massey Ferguson, Challenger	Yes
1 684 465 831	3824-20	Cable,SISU Engine,OHW	MFG: Scania Ag: Massey Ferguson, Challenger, Fendt, Laverda, John Deere, Valtra OHW: Kalmar, CVS Ferrari, Randon	Yes
1 684 463 770	3824-21	Cable,Volvo,OHW	Truck: Volvo, Terberg Bus: Volvo, VDL (Volvo chassis) Engines: Volvo, MWM OHW: Volvo CE, Terberg	Yes
1 684 465 822	3824-22	Cable,CAT,Perkins,John Deere	Engines: John Deere, Perkins, Caterpillar Ag: Gregoire, Landini, Merlo, Claas, Caterpillar, Laverda, Massey Ferguson, McCormick OHW: Bobcat, Hyderma, Caterpillar, Bomag	Yes

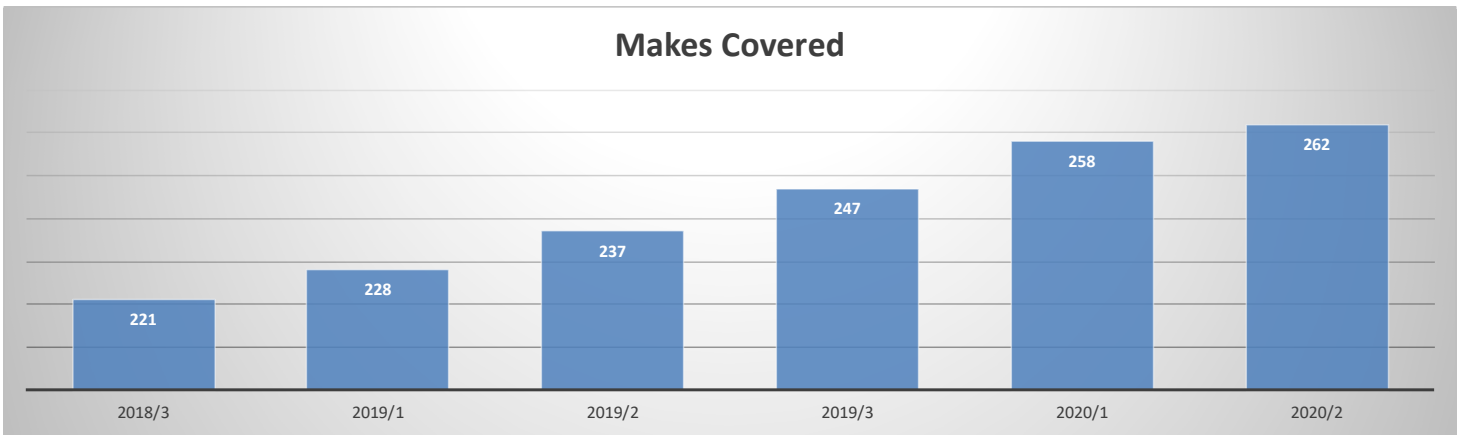
Part Number	SKU	Description	Applications	Available
1 684 465 826	3824-23	Cable,Volvo CE 14 Pin,OHW	OHW: Volvo CE	Yes
1 684 465 829	3824-24	Cable,MTU,OHW	Engine: MTU	Yes
1 684 465 820	3824-25	Cable,Deutz Engines,OHW	Bus: Otokar, MAZ, Bredamenarinbus Ag: Gregoire, Fendt, Atlas, Ursus, Manitou, Claas, Merlo OHW: Weidemann, Takeuchi, Bomag, Liebherr, Bobcat, Hitachi, Kramer, Terex, Yanmar, Hyundai CE, Volvo CE Engine: Deutz	Yes
1 684 465 839	3824-26	Cable,Kubota,OHW	Sweeper: Mathieu-Yno, Dulevo Ag: Kubota, Manitou, Merlo, Dieci OHW: Kubota, Hidromek, Hyster, Schafer, Genie, Gehl, Kassbohrer Gelandefahrzeug, Hamm, Hitachi, Bobcat	Yes
1 684 463 781	3824-27	Cable,7 Pin,Haldex EB+	Trailers	Yes
1 684 463 785	3824-28	Cable,3 and 6 Pin,ZF Ecomat	Truck: Tata-Daewoo Bus: Mercedes-Benz, MAN, Scania, Solaris, Gillig, New Flyer, VDL, Setra, Neoplan USA, Iveco/Irisbus, Temsa, Van Hool USA, King Long Ag: Ursus OHW: Liebherr, Dermag, Grove, Tadano Faun, JCB, Hyderma, Terex, Hyundai CE, New Holland CE, Astra MFG: ZF	Yes
1 684 463 891	3824-29	Cable,9-Pin,Square,ZF Ecomat	Bus: Volvo, Solbus, BMC, Solaris, Van Hool, Iveco / Irisbus, Scania, Setra, VDL, Gillig, New Flyer, Van Hool USA, Yutong, Alexander Dennis MFG: ZF, ZF Meritor	Yes
1 684 463 892	3824-30	Cable,Mini-USB,ZF Ecolife	Bus: King Long, VDL, New Flyer, Alexander Dennis, Irizar, Solaris, Scania, Temsa, Iveco / Irisbus, Zhongtong, Higer Engine: ZF, ZF Meritor	Yes
1 684 463 893	3824-31	Cable,9-Pin,MCP,ZF Ecolife	Bus: Van Hool, Iveco / Irisbus, Credo, Irizar, Temsa, King Long, VDL, Mercedes-Benz, Solaris Engine: ZF, ZF Meritor	Yes
1 684 465 815	3824-32	Plug,Deutsch 9 Pin,Switch,CNH	Ag: Case iH, New Holland, Steyr	Yes
1 684 465 816	3824-33	Cable,Backbone,J1939	Engines: Cummins MFG: Cummins, Twin Disc Bus: Volkswagen OHW: Komatsu, Hyundai CE, Hyster	Yes
1 684 465 817	3824-34	Cable,3-Pin,Steyr	Engine: Steyr	Yes
1 684 465 818	3824-35	Cable,6-Pin,Steyr	Engine: Steyr	Yes
1 684 465 824	3824-36	Switch,Calibration,NH	Ag: New Holland	Yes
1 684 465 825	3824-37	Cable,5-Pin,NH TN Series	Ag: New Holland, Case, Steyr	Yes
1 684 465 827	3824-38	Cable,6-Pin,Volvo Penta	Engine: Volvo Penta Ag: Franz Kleine, MTS-Sandei OHW: Kalmar, Terbert, Sandvik	Yes
1 684 465 828	3824-39	Cable,8-Pin,Volvo Penta	Engine: Volvo Penta Ag: MTS-Sandei OHW: Kalmar, Sandik	Yes
1 684 465 832	3824-40	Cable,Y,4-Pin,Claas	Ag: Claas, Renault	Yes

Part Number	SKU	Description	Applications	Available
1 684 465 834	3824-41	Cable,Y,DB9and3Pin,Carraro	Ag: Carraro, Challenger, John Deere, Massey Ferguson, Claas, Renault, Valtra	Yes
1 684 465 836	3824-42	Cable,8-Pin,Valtra	Ag: Valtra	Yes
1 684 465 837	3824-43	Cable,16-Pin,Valtra	Ag: Valtra	Yes
1 684 465 838	3824-44	Cable,8-Pin,BoschRexroth	Bus: Solaris, Solbus Ag: Merlo, Manitou OHW: Bosch Rexroth, Terberg Engine: Bosch Rexroth	Yes
1 684 465 840	3824-45	Cable,PWR Adapter,Jaeger	Ag: Many models	Yes
1 684 465 859	3824-46	Cable,14-Pin,Caterpillar	OHW: Caterpillar	Yes
1 684 463 773	3824-47	Cable,Renault	Truck: Renault, Mack Bus: Renault, Autosan, Iveco / Irisbus	Soon
1 684 463 774	3824-48	Cable,30-Pin,Iveco	Truck: Iveco, Astra, Seddon Atkinson, URO Bus: Iveco / Irisbus, Credo, SOR, Autosan MFG: Iveco-FPT Sweeper: Ravo, Bucher LCV: Multicar OHW: Fiat Kobelco	Soon
1 684 465 823	3824-49	Cable,Fendt	Ag: Fendt	Soon
1 684 465 851	3824-50	Cable,Carrier	Trailer: Carrier Refrigeration Units, e.g. Maxima / Ultra, Vector, ...	Soon
1 684 465 852	3824-51	Cable,CAN,SingleWire,GM	LCV: GMC/Chevrolet	Soon
1 684 465 853	3824-52	Cable,14-Pin,Claas	Ag: Claas / Renault Celtis CT36/A07	Soon
1 684 465 854	3824-53	Cable,19-Pin,FPT Deutz	Engine: Iveco / FPT Sweeper: Dulevo, Ravo, Eurovoirie, Bucher Ag: Merlo Roto Series OHW: Merlo MM Series	Soon
1 684 465 855	3824-54	Cable,7-Pin,Claas	Ag: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series	Soon
1 684 465 856	3824-55	Cable,8-Pin,Claas	Ag: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series	Soon
1 684 465 857	3824-56	Cable,RS232,Scania	Engine: Scania	Soon
1 684 465 858	3824-57	Cable,4-Pin,CAN,Scania	Engine: Scania OHW: Doosan, Hyundai CE, Terex	Soon
1 684 465 860	3824-58	Cable,Hitachi	OHW: Hitachi, John Deere	Soon
1 684 465 861	3824-59	Cable,Komatsu	OHW: Komatsu	Soon
1 684 465 862	3824-60	Cable,10-Pin,MTU	Engine: MTU	Soon
1 684 465 863	3824-61	Adapter,Resistor,CAN	Engine: Perkins Ag: Claas, Renault, Massey Ferguson, Kandini, McCormick, Ursus, Challenger, Kamaz, Manitou, Merlo OHW: Hyundai CE, Terex, Bobcat, Terex, Xtreme, Takeuchi, Prinoth, Doosan.	Soon

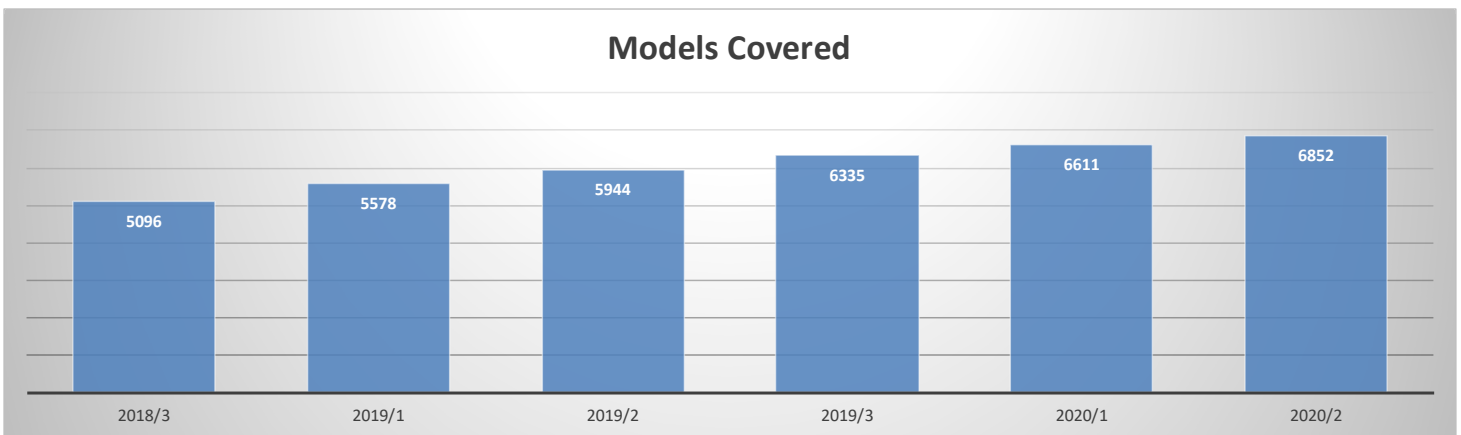
Part Number	SKU	Description	Applications	Available
1 684 465 864	3824-62	Adapter,16 to 12 Pin	Bus: Blue Bird, MCI, Setra, Thomas Built, Prevost, New Flyer, Van Hool USA, Neoplan USA, Nabi, Orion, Eldorado, Gillig, IC (International), ... Truck: Iveco, Mercedes-Benz, Scania, Van Hool USA, Peterbilt, Pierce MFG: Allison, Detroit Diesel-MBD LCV: GMC, Chevrolet	Soon
1 684 465 870	3824-63	Cable,9-Pin,CNH CE	OHW: New Holland CE, O&K, Fiat Kobelco	Soon
1 684 465 871	3824-64	Cable,Yanmar	OHW: John Deere, Takeuchi, Liebherr, Hyundai CE, Wacker Neuson, Hitachi, Kramer Sweeper: Hako	Soon
1 684 465 872	3824-65	Cable,Bobcat	OHW: Bobcat	Soon
1 684 465 873	3824-66	Cable,Bosch Rexroth	Ag: Merlo, Manitou OHW: Bosch Rexroth, Terberg	Soon
1 684 465 874	3824-67	Cable,Hidromek	OHW: Hidromek	Soon
1 684 465 875	3824-68	Cable,Liebherr	OHW: Liebherr	Soon

Expanding Coverage

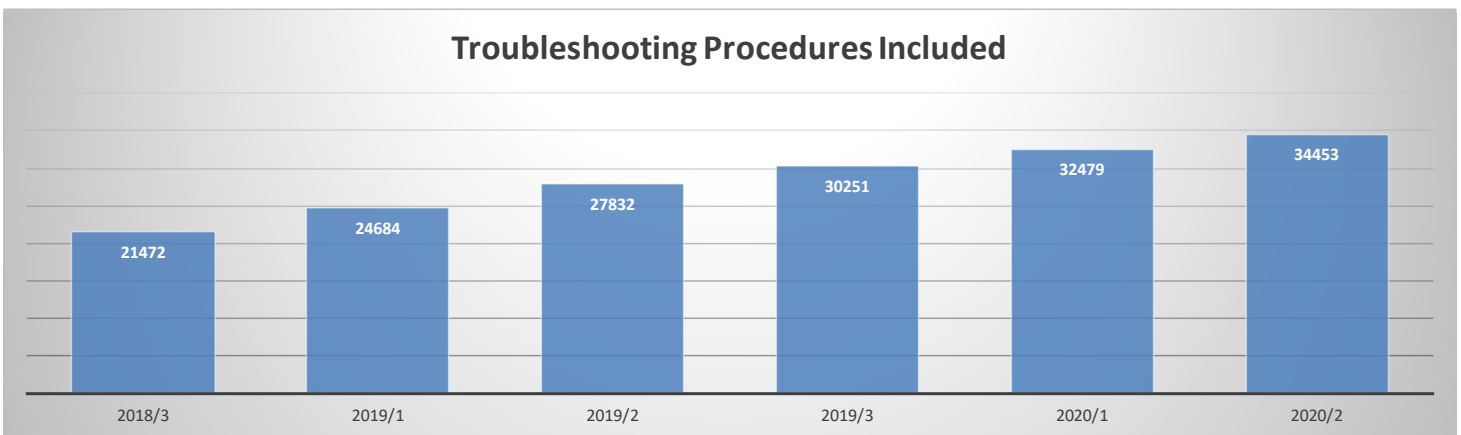
Makes Covered



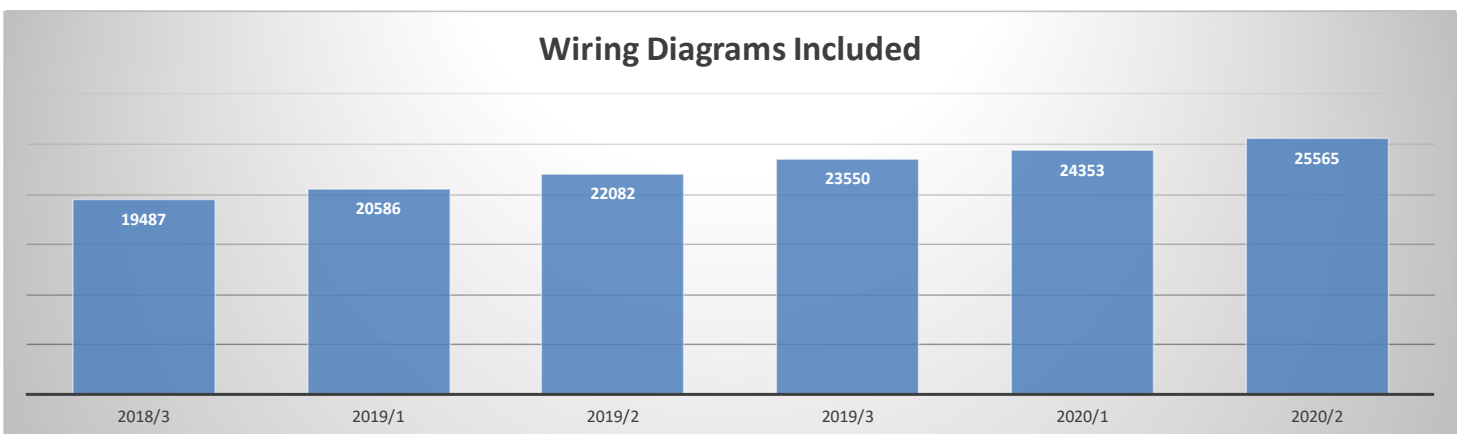
Models Covered



Troubleshooting Procedures Included

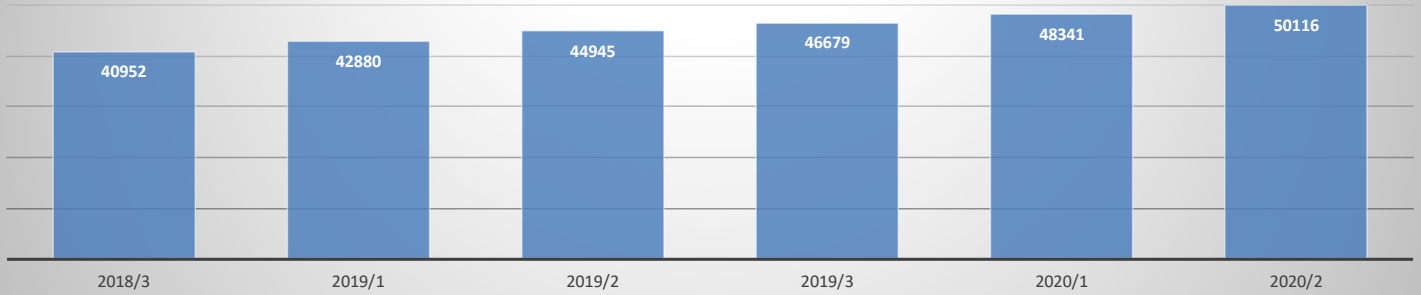


Wiring Diagrams Included

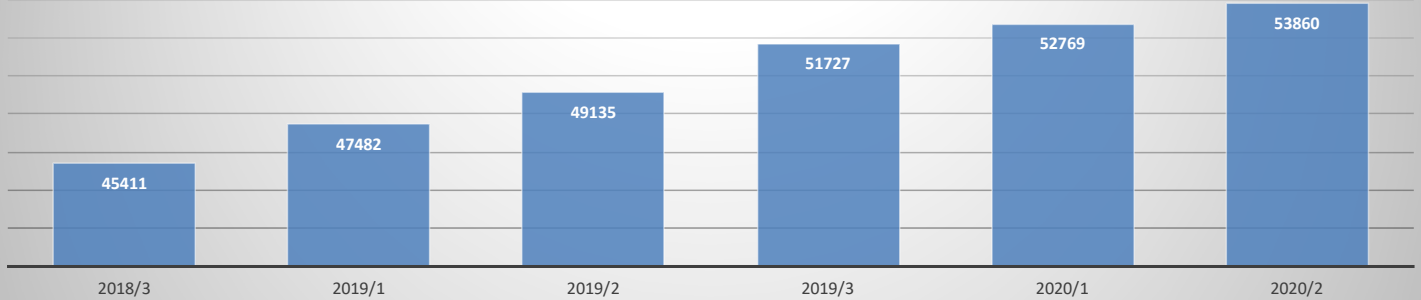


Expanding Coverage (continued)

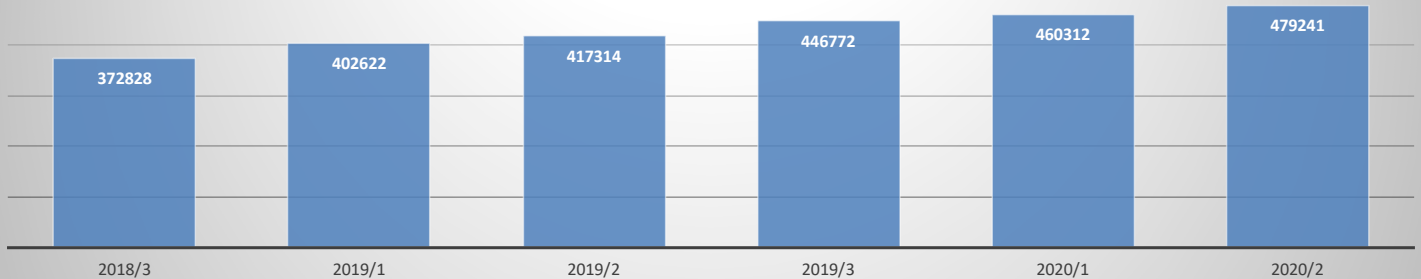
Diagnostic Capabilities Included



Electronic Control Systems Included



Fault Codes Covered



Additional Vehicle Coverage & Highlights

Heavy –Duty Truck

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

- ▶ Allison- 1000/2000 & 3000/4000 Systems.
- ▶ Bendix – ADAS Systems
- ▶ Caterpillar – EPA98/04 Engines.
- ▶ Cummins – SAE J1939, ISB5.9 CM2880, B6.7N CM2380, ISX12N CM2380, and QSG12 CM2350
- ▶ Detroit Diesel – New Cascadia, EPA07 / EPA10 / GHG14 / GHG17 Vehicles, DT12 Transmission, EPA98/04
- ▶ Eaton – TECU Gen 3
- ▶ Mack – EMS V3, TECU V3, ACM V3
- ▶ MBE – MBD 900 / 4000 EPA07
- ▶ Navistar – A26 (GHG17), MaxxForte EPA07/10 Engines, N-Series EPA 13 Engines, DLC Engines, MWM Euro V
- ▶ Paccar – PCI KWP2000, PCI UDS, ZF AS Tronic, ZF EcoLife, Voith DIWA 5 and 6, EAS4 Aftertreatment
- ▶ PSI – PSI 8.0 LPG, PSI 6.0 Gasoline, PSI 8.8 LPG, PSI 8.8 Gasoline
- ▶ Volvo – EMS V3, TECU V3, ACM V3

Trailer Additional Coverage

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

- ▶ Meritor Wabco – ABS 1M with RSS Plus Basic, ABS 2M with RSS Plus

Light and Medium –Duty Truck Additional Coverage

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

- ▶ Dodge –RAM with HEMI 6.4L
- ▶ Ford –F-150 with 3.0 Powerstroke and 3.3L

For full detailed release notes, visit www.boschdiagnostics.com/pro

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:

<https://www.boschdiagnostics.com/pro/products/esitruck-highway-upgrade-cable-kit-introductory-software-license>

- ▶ 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 2020.

Agricultural Vehicles Additional Coverage

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

- ▶ Bobcat – TL20, TL30, TL40
- ▶ Challenger – MT 800E
- ▶ Claas – TCU, VDC, Xerion 3300 / 3800, Tier 2 / Stage II, Tier 3 / Stage III, Torion Series
- ▶ CNH (New Holland, Case IH, Steyr – FPT Engine;EDC 17 C49, CV41, JX U
- ▶ Deutz Fahr – 6G Series
- ▶ Fendt – EMR4, EOL 7, 300 & 500 Vario Series, Fastrac 8000
- ▶ ISEKI – New Coverage
- ▶ JCB – FCC, CVT
- ▶ John Deere – EDC Yanmar Bosch, 3R, 3E, 4R, 4M, 5R, and 6R Series
- ▶ Kubota – E-CDIS, ACU, M4, M5, M5N, M6 Series

- ▶ Landini – Rex 4, 4, 5, and 6H Series
- ▶ Massey Ferguson – X600 and X700 DCC3 Instrumentation, Autotronic 5, 3700 Series
- ▶ McCormick – X4, X5, X6, X6.400 Series
- ▶ Valtra – SUS1, T 234D
- ▶ Weidemann – T6000 Series

Construction Vehicles Additional Coverage

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

- ▶ Bobcat – EDC DL02 and EDC DL03, MCONT
- ▶ Case CE – EDC 17 C49, C41, Denox 2.2, ZF - Ergopower
- ▶ Caterpillar – EHCUI, MCM
- ▶ Doosan – EDC DL06, E-EPOS
- ▶ John Deere CD – VCU, VC2 and PDU
- ▶ New Holland CE – EDC 17 C49, CV41
- ▶ Volvo CE – VECU

Stationary Engines Additional Coverage

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

- ▶ Cummins – QSG12 CM2350 G110/G113
- ▶ Deutz – EMR4 – EDC 17 CV52
- ▶ Doosan – EDC DL02, DL03, and DL06
- ▶ Iveco-FPT – EDC 17 C49, CV41
- ▶ Perkins – 854F

Street Sweeper Additional Coverage

New content has been added in the following Street Sweeper brands:

- ▶ Tenax – EDC 17 C49

For full detailed release notes, visit www.boschdiagnostics.com/pro

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