



# ESI[truck] HD Diagnostics

Unmatched Coverage and Repair Information at the Truck



**BOSCH**

Invented for life

# ESI[Truck]

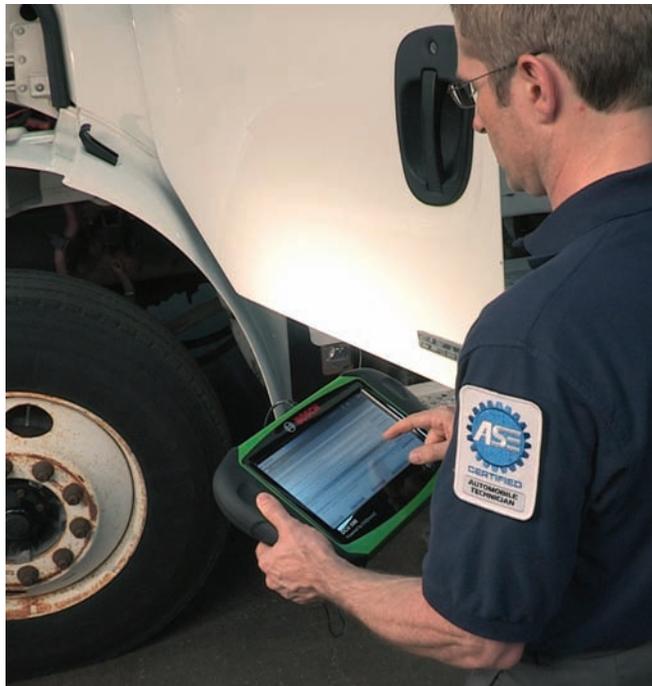
## Coverage and Repair Information

### Increase Shop Efficiency

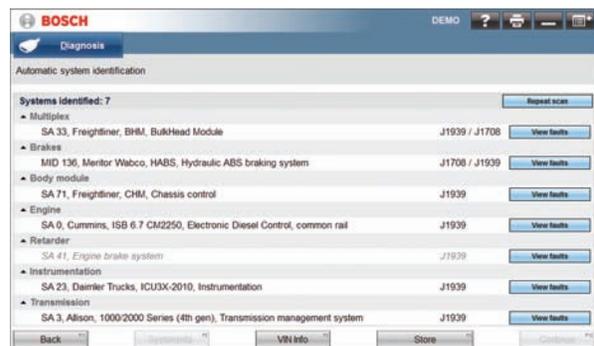
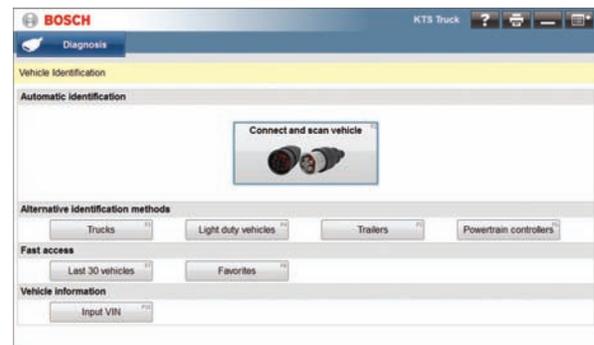
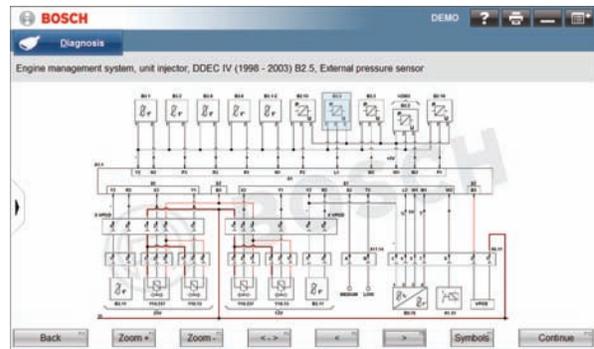
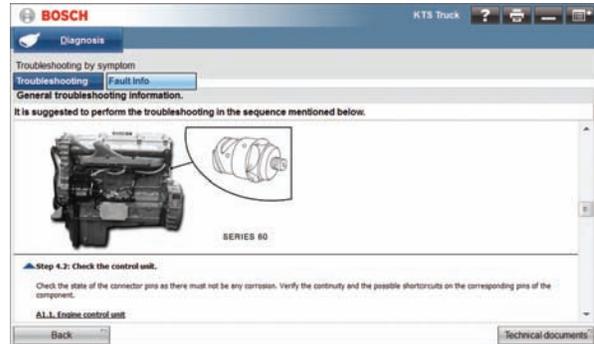
- ▶ Code to fix at the truck
  - Trouble shooting information in the tool
- ▶ Tech stays at the vehicle
- ▶ Repair Info at the truck
  - Wiring Diagrams
  - Component Pictures & Locations
  - Test Procedures & Descriptions
  - DTC Look-up
- ▶ Automatic Vehicle ID

### Single, Intuitive Interface

- ▶ Work on all trucks with a common scan tool
- ▶ Intuitive, easy to use



Bluetooth wireless capability.



## Functions Mechanics Need

- ▶ Read & clear fault codes
- ▶ Cylinder cut-out
- ▶ Cylinder compression/balance
- ▶ Injector actuations
- ▶ Key component actuations
- ▶ Key system tests

## Works with Other Software

- ▶ RP1210 VCI
- ▶ Compatible with industry software including most OEM's



## Best Aftermarket Coverage

- ▶ Truck Brands  
Freightliner, International, Kenworth, Mack, Volvo, Peterbilt, Sterling, Western Star
- ▶ Engine Brands  
Cummins, Caterpillar, Detroit Diesel-MBE, Volvo Mack, Navistar, PACCAR, Perkins, Deutz, MTU
- ▶ Brake Systems
- ▶ Transmissions
- ▶ Trailer ABS
- ▶ In-Depth Heavy Duty, Medium Duty
- ▶ Light Duty basic

**BOSCH** KTS Truck ?

Diagnosis

READ FAULTS - Engine management system, unit injector, DDEC IV (1998 - 2003)

FAULT(S) STORED IN MEMORY:7

FAULT CODE	FAULT DESCRIPTION	FAULT STATUS	COUNTER
SID-52 FMI:3	Driver device 4 auxiliary output. Current too high or short circuit caused by overvoltage.	ACTIVE FAULT	1
PID-91 FMI:4	Pedal position sensor. Current too low or short circuit caused by undervoltage.	ACTIVE FAULT	1
PID-100 FMI:4	Engine oil pressure. Current too low or short circuit caused by undervoltage.	ACTIVE FAULT	1
SID-250 FMI:12	Data linking SAE J11708 (J11687). Control unit or component defective.	INACTIVE FAULT	20
PID-111 FMI:3	Coolant level. Current too high or short circuit caused by overvoltage.	ACTIVE FAULT	1
SID-51 FMI:3	Driver device 3 auxiliary output. Current too high or short circuit caused by overvoltage.	ACTIVE FAULT	1
PID-102 FMI:4	Charge air pressure. Current too low or short circuit caused by undervoltage.	ACTIVE FAULT	1

Back Troubleshooting Store Continue

**BOSCH** DEMO ?

Diagnosis

Vehicle Identification

Select a brand	Select a model family	Select a model
CAPACITY	ALL	108 SD   2012 - ...
FREIGHTLINER	Argosy	114 SD   2012 - ...
INTERNATIONAL	Cascadia	122 SD   2013 - ...
KENWORTH	Century Series	Argosy   1999 - 2010
MACK	Classic	Business Class M2 100/106   2003...
PETERBILT	Columbia	Business Class M2 100V/112V   2...
SAE STANDARD	Condor	Business Class M2 112   2004 - ...
STERLING	Coronado	Cascadia Evolution   2013 - ...
VOLVO U.S.A.	FC Series	Cascadia   2008 - ...
WESTERN STAR	FL Series	Century C 120   1997 - 2001
WORKHORSE	FLC Series	Century C 112   1997 - 2001
OBD	FLL Series	Century Class S/T 112   2001 - 20...
		Century Class S/T 112   2001 - ...
		Classic 120   1992 - 2010

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**BOSCH** DEMO ?

Diagnosis

Vehicle Identification

Select a brand	Select a model family	Select a model
AISIN	ALL	ISD
ALLISON	Collect	ISC
BENDIX	Centinel	ISD
CATERPILLAR	Centry	ISF
CUMMINS	Gas	ISL
	IS	ISB
	IS	ISX
	IS	ISZ

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# ESI[Truck]

## Ordering Information

### Bosch ESI[truck] 3824

- Includes ruggedized 10" tablet
- RP1210 Data Link Adapter
- 6 Pin, 9 Pin, and 16 Pin Connectors
- ESI[truck] Diagnostics Software
- External DVD Drive
- One year warranty



### Bosch ESI[truck] 3824BSC

- RP1210 Data Link Adapter
- 6 Pin, 9 Pin, and 16 Pin Connectors
- ESI[truck] Diagnostics Software
- One year warranty



### Bosch ESI[truck] Trailer Adapter 3824-06

#### 7-pin PLC adapter for trailer ABS diagnostics

- J2497 Power Line Carrier (PLC) communication compatible
- Allows direct connection to trailer
- Works with tractor present or without the tractor present
  - External power supply is necessary without tractor
- Bosch ESI[truck] trailer ABS coverage for Bendix, Haldex, Meritor Wabco and Wabash systems



### Bosch ESI[truck] License Renewal 3824-08

- 12-Month Security Card



Learn More at [www.boschdiagnostics.com](http://www.boschdiagnostics.com)

Customer Service/Order Entry: 1-800-533-6127



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