





# **IDC5 TRUCK 51.0.0**

The new diagnostic features included in the **IDC5 TRUCK 51.0.0** update, which also contains the continuous updates 50.1.0 / 50.2.0 / 50.3.0 / 50.4.0 / 50.5.0 / 50.6.0 / 50.7.0, allow working on a large number of vehicles that belong to makes of the most popular manufacturers.

The work TEXA's developers carried out on **industrial vehicles**, **light commercial vehicles** and **buses**, but also on **trailers** and **semi-trailers**, **powertrain**, **small utility truck**, guarantees all mechanics the opportunity to use diagnostic tools that are always updated and state-of-the-art, to operate successfully on the vast majority of the vehicles on the road.

## MAIN NEW FEATURES INCLUDED IN THIS VERSION

- · TGS3s Dashboards
- · Logical groups in the adjustments page
- · Specific button for the external tools
- · "Operator entry" function
- · SMART mode
- · myTEXA Diagnostic Reports service

To learn more about the extraordinary coverage made available by TEXA, visit the website:

www.texausa.com/coverage



IDC5 TRUCK 51.0.0 contains new possible selections for the major makes worldwide, among which:

CHEVROLET, CUMMINS Engine, DETROIT Engine, FORD, FREIGHTLINER, GMC, HINO, INTERNATIONAL, ISUZU (North America), KENWORTH, KNORR – BREMSE, MACK, MERCEDES-BENZ, MITSUBISHI FUSO, PETERBILT, UD TRUCKS (NISSAN DIESEL), VOLVO BUS, VOLVO TRUCK, WABCO, ZF TRANSMISSION.

#### **Software**

**TGS3s Dashboards** 

Logical groups in the adjustments page

Specific button for the external tools

"Operator entry" function

**SMART mode** 

myTEXA - Diagnostic Reports service

## **Diagnosis**

**NORTH AMERICAN Market** 

TRUCK

**BUS & COACH** 

LIGHT COMMERCIAL VEHICLES

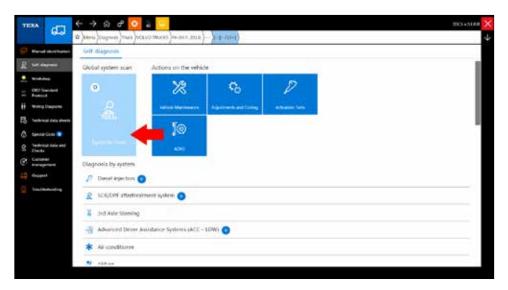
**Wiring Diagrams** 

**Dashboard** 

# **Software**

# TGS3s Dashboards

Starting from the TRUCK version 51, two new types of dashboards have been implemented: the first indicates how the control units are connected with each other, while the second indicates their position in the vehicle. They can be viewed from the TGS3s system scan and allow launching the Diagnosiss directly by selecting the systems that show any errors.

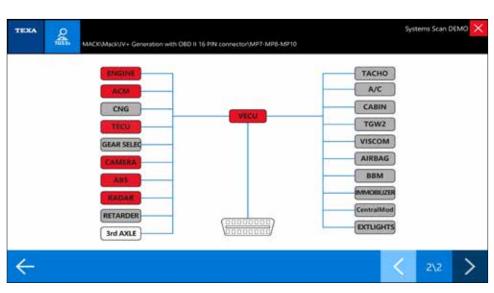


Select the TGS3s

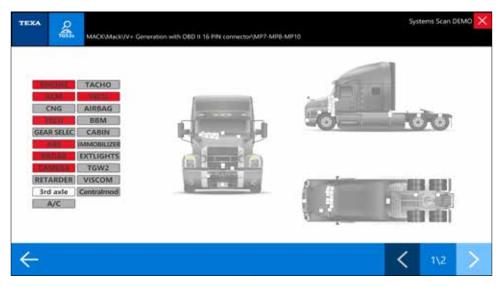


**DASHBOARD** icon





Indication in red of the control units with errors and Diagnosiss



Indication in red of the control units with errors, Diagnosiss and position of the control unit

# Software

**TGS3s Dashboards** 

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## **Diagnosis**

**NORTH AMERICAN Market** 

TRUCK

**BUS & COACH** 

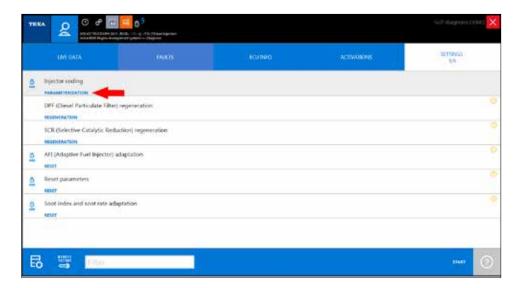
LIGHT COMMERCIAL VEHICLES

## **Wiring Diagrams**

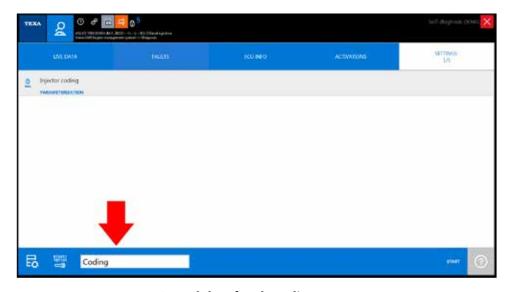
### **Dashboard**

# Logical groups in the adjustments page

Starting from the TRUCK version 51, the adjustments available in the SelfDiagnosiss menu have been categorised. Now it is also possible to search for an adjustment using the search bar.



**Category of the adjustment** 

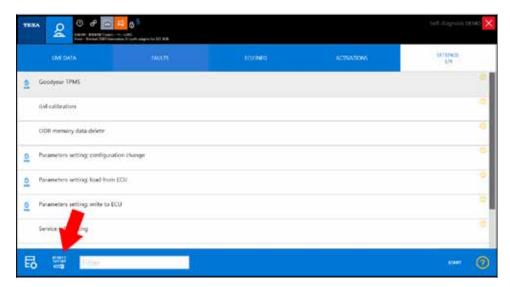


Search bar for the adjustment

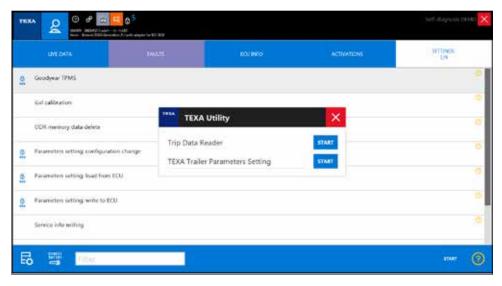


# Specific button for the external tools

Starting from the TRUCK version 51, a new button has been implemented in the adjustments page, in the Self-Diagnosiss menu, which allows selecting the external tool.



**Tool button** 



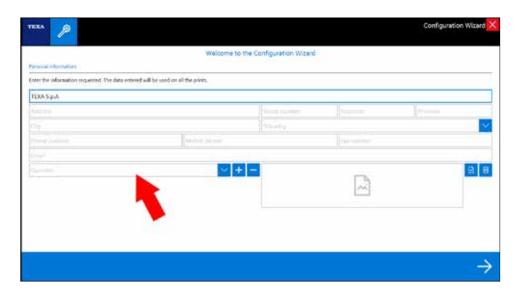
**Tool button** 

# **Software TGS3s Dashboards** Logical groups in the adjustments page **Specific button for** the external tools "Operator entry" function **SMART mode** myTEXA - Diagnostic Reports service **Diagnosis NORTH AMERICAN Market** TRUCK **BUS & COACH** LIGHT COMMERCIAL **VEHICLES Wiring Diagrams Dashboard** Coverage

# "Operator entry" function

Starting from the TRUCK version 51, a new function called "operator entry" has been implemented. This new function allows configuring the IDC5 software with various diagnostic technicians and collecting the data separately for each operator.

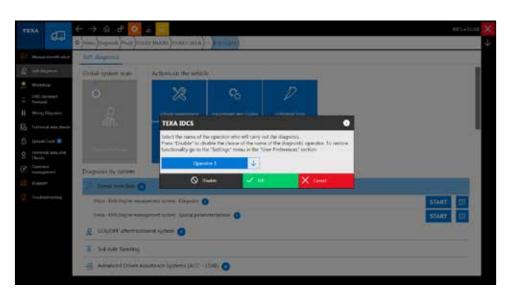
The collected data can be viewed by customers in the "Diagnostic Reports" section in their "myTEXA" web page. To enable the "operator entry" function, simply enter the diagnostic technician's name in the tool configuration screen.



Tool configuration screen

The "+" and "-" buttons allow you to add or remove the diagnostic operators.

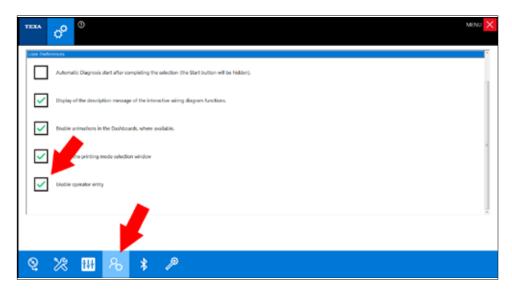
When carrying out a Diagnosiss, the software will request you to select the operator's name.



**Operator selection during the Diagnosiss** 



This function can always be deactivated/activated by clicking on the "Disable" button when carrying out the Diagnosiss, or from the "Tools-User Preferences" menu.

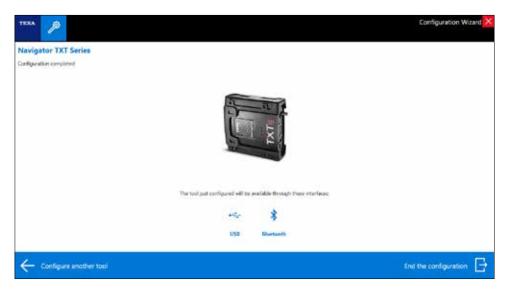


Disabling from "Tools-User Preferences"

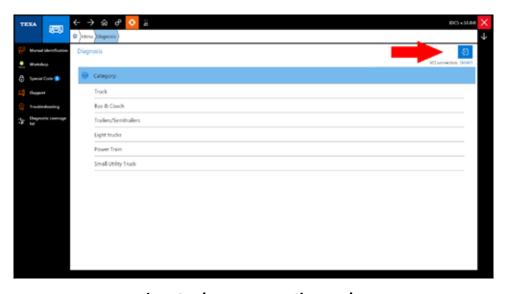


# **SMART mode**

Starting from the TRUCK version 51, a new tool association interface and communication channel selection has been implemented, called "SMART mode".



New tool configuration interface



Icon to change connection mode





**SMART** mode

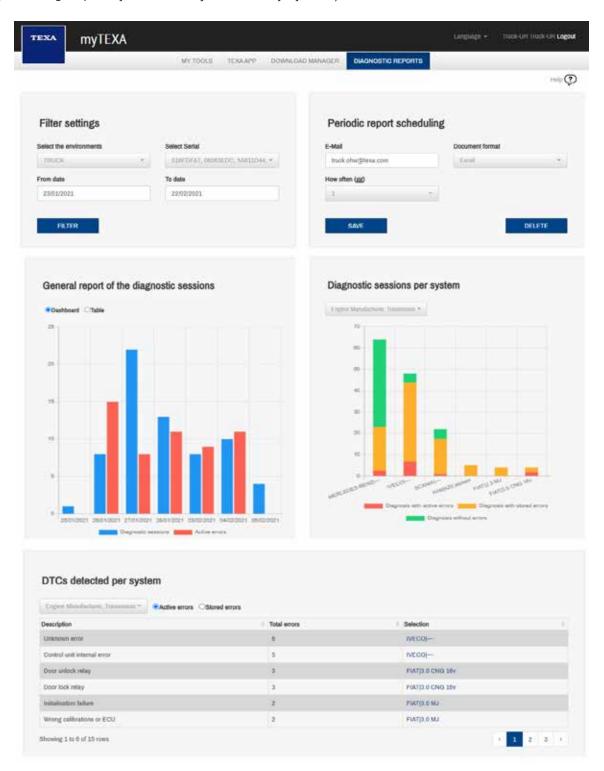


Manual mode

# **Software TGS3s Dashboards** Logical groups in the adjustments page **Specific button for** the external tools "Operator entry" function **SMART** mode myTEXA - Diagnostic Reports service **Diagnosis NORTH AMERICAN Market** TRUCK **BUS & COACH** LIGHT COMMERCIAL VEHICLES **Wiring Diagrams Dashboard** Coverage

## myTEXA - Diagnostic Reports service

Inside the portal dedicated to workshops, myTEXA, there is a new section called "Diagnostic Reports" which allows customers to access a series of useful information about the diagnoses carried out by the different diagnostic tools (e.g.: scans grouped by make or adjustments by system).





It is possible to access the myTEXA portal from the website https://mytexa.com/, inserting the login credentials (user and password), or from the diagnostic tool, through the IDC5 software.



myTEXA portal



Connection to myTEXA portal from IDC5 home page

#### **Software**

**TGS3s Dashboards** 

Logical groups in the adjustments page

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"Operator entry" function

**SMART mode** 

myTEXA - Diagnostic Reports service

## **Diagnosis**

**NORTH AMERICAN Market** 

TRUCK

**BUS & COACH** 

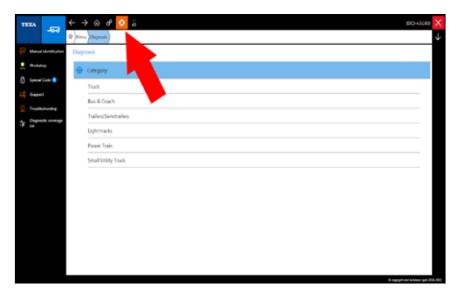
LIGHT COMMERCIAL VEHICLES

## **Wiring Diagrams**

### **Dashboard**

# ТЕХА

# **TRUCK 51.0.0**

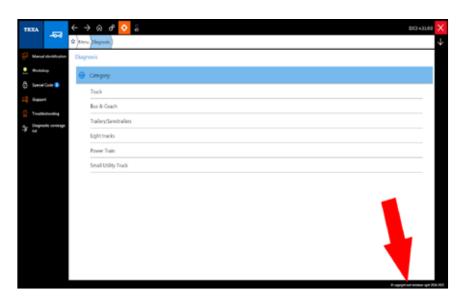


**Connection to myTEXA portal from IDC5 Diagnosiss** 

In order to access the portal, you need to have a myTEXA account.

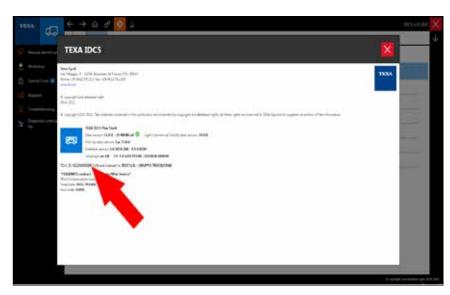
If necessary, you will have to sign up on the portal to obtain the LOGIN data. To sign up, you need to enter the serial number of a TEXA tool and also your TEXA ID.

To obtain the TEXA ID you need to contact your retailer or retrieve it directly from the IDC5 software.



IDC5 "Vehicle selection" screen





IDC5 "Copyright and database rights" screen

The new "Diagnostic Reports" service allows you to access a series of configurable dashboards available in graphic or table format.

Customers can view the data directly through the dashboards, or create a periodic report, containing all the data summarised in the dashboard, which they can automatically send to a specified e-mail address.





# **Diagnosis**

# **TRUCK**

### **CUMMINS Engine**

- The Diesel Injection system "Cummins J1939 Core 1" has been updated.
- The Diesel Injection system "Cummins J1939 Core 2" has been updated.
- The CNG Injection system "Cummins CNG" has been updated.

#### FREIGHTLINER

- The ADAS "VRDU Driving assistance system" has been updated for the model Detroit Diesel - Mercedes Benz.
- The ADAS "(MPC) Multi-Purpose Camera" has been updated for the model Detroit Diesel - Mercedes Benz.
- The climate control system "(HVAC) Heating, Ventilation and A/C" has been updated for the model Detroit Diesel -Mercedes Benz.
- The Body Computer system "(BHM) Bulkhead Module" has been updated for the model Detroit Diesel - Mercedes Benz.

#### **GMC**

- The new models W Series 6.0 Gasoline [2017], [2018] and [2019] have been developed with the following systems:
- · ABS;
- · Automatic transmission;
- · Petrol Injection;
- · Powertrain System.

#### HINO

- · The diesel Injection system "Denso Common Rail EPA 07/10/13 CAN Line" has been updated in the following models:
- · Class 4 (Series 300);
- Class 5 (Series 300);
- · Class 6 (Series 600);
- · Class 7 (Series 600).

#### INTERNATIONAL

• The ABS systems "Wabco D / E" and "Wabco Wheel antilock system (HPB)" have been updated for the models:

- · Caterpillar;
- · Cummins;
- Detroit Diesel Mercedes Benz:
- · International;
- MWM.
- The Diesel Injection system "Navistar-MaxxForce" has been updated for the models:
- CF 600;
- · International:
- MWM.

#### ISUZU (North America)

- The new models N Series 6.0 Gasoline [2017], [2018] and [2019] have been developed with the following systems:
- · ABS:
- · Automatic transmission;
- · Petrol Injection;
- · Powertrain System.

#### KENWORTH

- · The diesel Injection system "Delphi PCI System EPA 10/13" has been updated.
- The SCR/DPF after-treatment system "EAS 4 EPA 13" has been updated.
- The adjustment "Reset MIL (manual procedure)" has been developed for the following systems:
- "ECS-DC4 EPA 04/07";
- "ECS-DC5 EPA 10/13";
- "ECS-DC6 EPA 13".

#### **MACK**

- The adjustment "SCR (Selective Catalytic Reduction) inducement reset" has been developed for the SCR/ DPF after-treatment system "ACM Exhaust gas aftertreatment".
- The Diesel Injection system "Engine control unit" has been updated for the model Mack III Generation with DEUTSCH 9 PIN connector.



• All the diagnostic systems in the model Mack IV+ Generation with OBD II 16 PIN connector have been updated.

#### MITSUBISHI FUSO

- The ADAS "RDF Front radar sensor" has been updated for the models:
- 4P10 EPA 04/07:
- 4P10 EPA 10/13.

#### **PETERBILT**

- The diesel Injection system "Delphi PCI System EPA 10/13" has been updated.
- The SCR/DPF after-treatment system "EAS 4 EPA 13" has been updated.
- The adjustment "Reset MIL (manual procedure)" has been developed for the following systems:
- "ECS-DC4 EPA 04/07";
- "ECS-DC5 EPA 10/13";
- "ECS-DC6 EPA 13".

#### **UD TRUCKS (NISSAN DIESEL)**

- The cabin control system "CIOM Cab I/O Module Special parameterisations" has been developed for the models:
- · Heavy Duty M.Y. 2018;
- · Medium Duty M.Y. 2018.
- The Middle Frame Computer system "CCIOM Central Chassis I/O Module Special parameterisations" has been developed for the models:
- · Heavy Duty M.Y. 2018;
- · Medium Duty M.Y. 2018.

#### **VOLVO TRUCK**

- The adjustment "SCR (Selective Catalytic Reduction) inducement reset" has been developed for the SCR/DPF after-treatment system "ACM Exhaust gas after-treatment".
- All the diagnostic systems in the model Volvo Vehicles with OBD II 16 PIN connector have been updated.

#### **Software**

**TGS3s Dashboards** 

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myTEXA - Diagnostic Reports service

### **Diagnosis**

**NORTH AMERICAN Market** 

**TRUCK** 

**BUS & COACH** 

LIGHT COMMERCIAL VEHICLES

## **Wiring Diagrams**

**Dashboard** 

## **BUS & COACH**

#### **CUMMINS Engine**

- The Diesel Injection system "Cummins J1939 Core 1" has been updated.
- The Diesel Injection system "Cummins J1939 Core 2" has been updated.
- The CNG Injection system "Cummins CNG" has been updated.

#### **PREVOST**

- The new model H Series has been developed with the following systems:
- · ABS;
- Advanced Driver Assistance Systems (ACC LDW);
- Airbag;
- · Chassis equipment and design;
- · Automatic transmission;
- · Exterior light control unit;
- A/C system;
- · Passenger compartment control;
- · Gateway;
- · Immobiliser;
- · CNG Injection;
- · Diesel Injection;
- · Fault reading from instrument panel;
- Telematic on-board module
- Motor vehicle control;
- · Retarder;
- SCR/DPF aftertreatment system;
- · Service warning light;
- · Instrumentation;
- Tachograph;
- Trip Data Recorder.
- The new model Volvo 9700 has been developed with the following systems:
- · ABS;
- · Airbag;
- · Radio:
- · Automatic transmission;
- · Exterior light control unit;
- · Multifunction display;
- · EBS;
- · Steering electronics;
- · Immobiliser;
- · Diesel Injection;
- · Tire pressure;

- · Motor vehicle control;
- Retarder;
- · Chassis management system;
- SCR/DPF aftertreatment system;
- Suspensions;
- Instrumentation;
- Trip Data Recorder.
- The new model X Series has been developed with the following systems:
- · ABS:
- Advanced Driver Assistance Systems (ACC LDW);
- Airbag;
- · Chassis equipment and design;
- · Automatic transmission;
- Exterior light control unit;
- A/C system;
- Passenger compartment control;
- Gateway;
- · Immobiliser;
- · CNG Injection;
- · Diesel Injection;
- · Fault reading from instrument panel;
- Telematic on-board module
- · Motor vehicle control;
- Retarder;
- SCR/DPF aftertreatment system;
- Service warning light;
- Instrumentation;
- Tachograph;
- · Trip Data Recorder.



## LIGHT COMMERCIAL VEHICLES

#### **CHEVROLET**

- The new model Silverado [19>] has been developed with the following systems:
- · ABS;
- · Ignition;
- · Airbag;
- · Park assist;
- · Radio;
- · Body computer;
- · Automatic transmission;
- A/C system;
- · Distance control;
- PTO management;
- · Petrol Injection;
- · Diesel Injection;
- · CD player;
- · Central interface module;
- · Power steering;
- · Audio amplifier system;
- · Suspensions;
- Instrumentation;
- · Front camera;
- Telematics control unit.
- The "PTO management" system has been updated for the models Silverado [05>13] and Silverado [14>18].

#### **FORD**

- The new model F Series Super Duty Boss 6.2 [2017>2019] has been developed with the following systems:
- · ABS;
- · Airbag;
- Park assist;
- · Radio;
- Body computer;
- · Automatic transmission;
- · Accessory function control unit;
- · Obstacle detection control unit, right side;
- Obstacle detection control unit, left side;
- · Trailer control unit;
- · Audio control;
- · Steering column switch unit;
- · Steering electronics;
- · Gateway;
- · GPS;
- · Head-up display;
- · Petrol Injection;
- · Battery control module;
- Telematic on-board module

#### **Software**

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myTEXA - Diagnostic Reports service

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**NORTH AMERICAN Market** 

TRUCK

**BUS & COACH** 

LIGHT COMMERCIAL VEHICLES

**Wiring Diagrams** 

**Dashboard** 

# TEXA

## **TRUCK 51.0.0**

- · Front interface module;
- · Driver side door;
- Passenger side door;
- Driver and passenger side running board;
- Seat air conditioning/heating adjustment;
- Driver's side Multicontour seat adjustment;
- · Seat adjustment, driver's side;
- · Passenger's side Multicontour seat adjustment;
- · Speed control;
- · Transfer case;
- · Steering angle sensor;
- · Power steering;
- · Multimedia system;
- · Sound system;
- Instrumentation;
- · Front camera.
- The new model F Series Super Duty Boss 6.2 [2020>] has been developed with the following systems:
- · Automatic transmission;
- · Petrol Injection.
- The new model F Series Super Duty Godzilla 7.3 [2020>] has been developed with the following systems:
- · Automatic transmission;
- · Petrol Injection.
- The new model F Series Super Duty Triton 6.8 [2017>2019] has been developed with the following systems:
- · ABS;
- Airbag;
- · Park assist;
- · Radio;
- Body computer;
- · Automatic transmission;
- · Accessory function control unit;
- · Obstacle detection control unit, right side;
- Obstacle detection control unit, left side;
- · Trailer control unit;
- · Audio control;
- Steering column switch unit;
- · Steering electronics;
- Gateway;
- · GPS;
- · Head-up display;
- · Petrol Injection;
- · Battery control module;
- Telematic on-board module
- · Front interface module;
- · Driver side door;
- Passenger side door;

- · Driver and passenger side running board;
- · Seat air conditioning/heating adjustment;
- Driver's side Multicontour seat adjustment;
- · Seat adjustment, driver's side;
- · Passenger's side Multicontour seat adjustment;
- · Speed control;
- · Transfer case;
- Steering angle sensor;
- · Power steering;
- · Multimedia system;
- · Sound system;
- Instrumentation;
- Front camera.

#### **GMC**

- The new model Sierra [19>] has been developed with the following systems:
- · ABS;
- · Ignition;
- · Airbag;
- Park assist;
- Radio;
- Body computer;
- Automatic transmission;
- · A/C system;
- · Distance control;
- PTO management;
- · Petrol Injection;
- Diesel Injection;
- · CD player;
- · Central interface module;
- · Power steering;
- · Audio amplifier system;
- · Suspensions;
- Instrumentation;
- · Front camera;
- Telematics control unit.

#### **MERCEDES-BENZ**

- The automatic transmission system "Siemens SID 208 Euro 5" has been developed for the model Sprinter (907/910).
- The "ADAS" and "Instrumentation" systems have been updated for the model Metris (447).



# **Wiring Diagrams**

#### **MACK**

- The following diagram has been developed for the model III Generation with DEUTSCH 9 PIN connector:
- · Diesel Injection.
- The following diagram has been developed for the model IV+ Generation with OBD II 16 PIN connector:
- · Diesel Injection.

# Consulting a wiring diagram

The interaction (diagnosis link) with the wiring diagrams in the following models has been improved:

#### **MACK**

- III Generation with DEUTSCH 9 PIN connector;
- IV+ Generation with OBD II 16 PIN connector.

#### **Software**

**TGS3s Dashboards** 

Logical groups in the adjustments page

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**SMART mode** 

myTEXA - Diagnostic Reports service

### **Diagnosis**

**NORTH AMERICAN Market** 

**TRUCK** 

**BUS & COACH** 

LIGHT COMMERCIAL VEHICLES

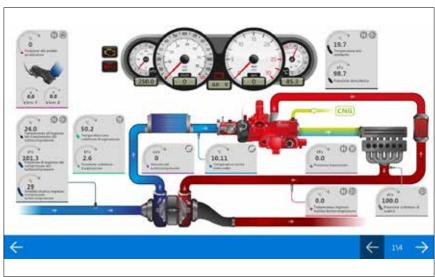
**Wiring Diagrams** 

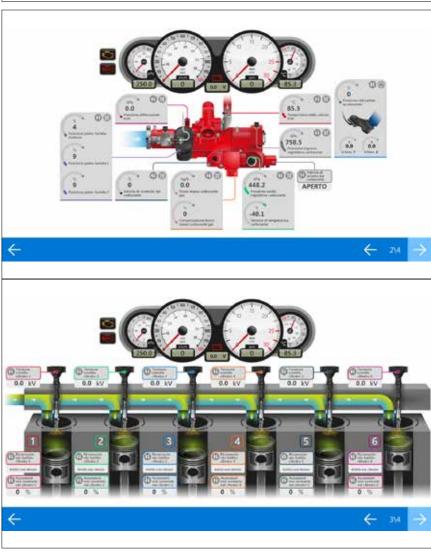
**Dashboard** 

# **Dashboard**

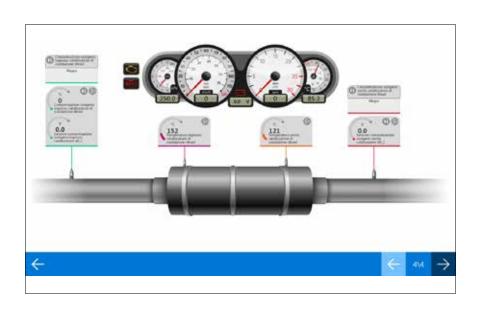
## **CUMMINS Engine**

• New parameter dashboards have been developed for all the vehicles with the "Cummins CNG" Injection system.









## **Software**

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**NORTH AMERICAN Market** 

TRUCK

**BUS & COACH** 

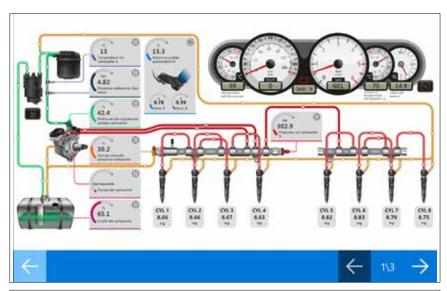
LIGHT COMMERCIAL VEHICLES

# **Wiring Diagrams**

## **Dashboard**

## **FORD**

• Parameter dashboards have been developed for the models F Series Super Duty Power Stroke 6.7 [2017>] and F650 / F750 Power Stroke 6.7 [2017>] with Diesel Injection system "Ford Engine control unit".









#### **IMPORTANT NOTICE FOR CUSTOMERS WHO OWN A PC with Windows 7**

Dear customers, Windows 7 is by now an obsolete operating system, no longer supported by Microsoft. To make the most of all the functions in TEXA's IDC5 diagnostic software, we recommend you update your Personal Computer to the latest version of the operating system Windows 10.

#### **DIAGNOSTIC LIMITATIONS WARNING**

Although TEXA strives to keep its diagnostic tools up to date, it ever more often finds itself having to deal with very complex vehicle electronics that requires tools with advanced technological features.

For this reason we inform you that on some vehicles the diagnosis or certain specific functions may not be compatible with old generation TEXA tools (VCIs) that have a serial number with "DNTxxxxxxxx".

For further information contact your TEXA retailer.

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**NORTH AMERICAN Market** 

**TRUCK** 

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LIGHT COMMERCIAL VEHICLES

## **Wiring Diagrams**

### **Dashboard**

# TEXA

# **TRUCK 51.0.0**

# Coverage

## **NORTH AMERICA**

#### **TRAILER**

BENDIX CARRIER TRANSICOLD **HALDEX** MERITOR - WABCO THERMO KING WABASH

#### AMERICAN HEAVY DUTY

**ALEXANDER DENNIS** 

**ALLEGRO BLUE BIRD CATERPILLAR** 

**COBUS** E-ONE

**FODEN** 

**FREIGHTLINER** 

INTERNATIONAL

**IVECO** 

KENWORTH

MACK

MCI

**NAVISTAR** 

**NEW FLYER** 

OSHKOSH

**PETERBILT** 

**PREVOST** 

**STERLING** 

**TEMSA** 

VAN HOOL **VOLVO BUS** 

**VOLVO TRUCKS** 

**WESTERN STAR** 

### **POWERTRAIN AND BRAKE SYSTEM**

ALLISON

**DETROIT - MBE** 

**EATON** ISUZU MTU

MWM

**PACCAR** SCANIA

ZF



# LIGHT COMMERCIAL VEHICLE

CHEVROLET
DODGE
FORD
FREIGHTLINER
GMC
MERCEDES-BENZ
NISSAN

#### **AMERICAN MEDIUM DUTY**

CHEVROLET
FORD
GMC
HINO
INTERNATIONAL
ISUZU (North America)
KENWORTH
MITSUBISHI FUSO
PETERBILT
STERLING
UD TRUCKS (NISSAN DIESEL)

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## **Wiring Diagrams**

### **Dashboard**

#### **WARNING**

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