

IDC4E software update

TRUCK 37.0.0



The new **IDC4E TRUCK 37** update is the result of an impressive research and development activity focused on the most important and widespread makes of industrial vehicles, light commercial vehicles and buses. The extraordinary coverage guaranteed by the software dedicated to the TRUCK environment allows repairers worldwide to work with great efficiency and competence on heavy-duty vehicles in their workshops.

Among the new software features introduced starting from this update, we wish to highlight the **"Test Drive" function** which allows you to record the diagnostic session while the vehicle is moving in order to identify specific faults that cannot be detected in a workshop. As far as the diagnostic developments are concerned, it is important to point out, among the others, the work that was completed for the **Euro 6 vehicles of the makes DAF, IVECO, MAN, RENAULT TRUCKS, VOLVO**. The software also offers new Wiring Diagrams and new DASHBOARDS.

NEW SOFTWARE FEATURES

"Test Drive" function

The electronic devices installed on board of vehicles, if on one hand improve the reliability, performances and safety, on the other they can hide critical points connected to the occurrence of sporadic or intermittent faults that appear only in certain driving conditions. These malfunctions, if not promptly solved, can jeopardise the use of the vehicle, causing great inconveniences both for the customer and for the mechanic.

To meet these needs, TEXA developed the new **"Test Drive" function**, available starting from the IDC4E TRUCK 37 update and later for the CAR and OHW environments also using the **NAVIGATOR TX* range tools**, which allows you to record the diagnostic session while the vehicle is moving in order to **identify specific faults** that otherwise cannot be detected in a workshop.

Once the NAVIGATOR is connected to the diagnostic socket, simply access the diagnosis and create a list of favourite Parameters. At this point, after clicking on the Test Drive button, the tool sets itself in recording mode and the vehicle can be driven out of the workshop normally. The interface will recreate a complete outline of the situation in which the fault occurred, supplying important elements for the analysis of the problem in order to identify the causes of the fault and be able to repair the vehicle once it returns to the workshop.

*The NAVIGATOR TX range tools that are compatible with the Test Drive function are the ones that have the prefix of the serial number that starts with the following letters: DNH, DNG, DNF, DNB, DNI, DNN.

Test Drive

Simple, Fast and Autonomous...



NEW DIAGNOSTIC FEATURES

Following are only a few of the most important new diagnostic features in IDC4E TRUCK 37, dedicated to the most important makes in the industry.

EUROPEAN MARKET

DAF

Euro 6 models

- the new AEBS/ACC distance control was developed;
- the Injector Coding writing was updated.

Euro 4/5 models

- the possibility to Parameterise the EAS and EAS2 control units was added;
- the Help sheets for the EAS2 control units were added to the Errors.

FORD

CARGO

- all the systems were updated;
- the new DCU Dosing Control Unit system was developed.

HYUNDAI

H series: Light Duty Truck [HD35>HD78]

- the Injection, ABS, Transmission, Airbag systems were developed.

Light Duty Truck [HD35>HD78]

- the Injection and ABS systems were developed.

IVECO

Daily

- The Brake bleeding function for the ABS 5.3 system was developed.

Daily 12

- the Key coding and other activations for the BCM Body Control Module were developed.

Eurocargo Euro6

- all the systems were updated.

MAN

Euro 6 models

- the Error list of the NoNOx system for the Urea Management module was updated;
- vehicle management: the Clutch calibration procedure was updated.

CNG engines

- the new EGC4 system was developed.

Euro 3/4/5 models

- the FFR vehicle management system was updated;
- the ZBR body computer system was updated.

MERCEDES BENZ

ACTROS MPII/MPIII

- some variants of vehicles with the rear axle only were added for the Maintenance system;
- Parameters, Adjustments and Help sheets in the Errors were added for the MSF modular switch panel system;
- Parameters, Adjustments and Help sheets in the Errors were added for the BTS battery disconnect switch system;
- Parameters, Adjustments and Help sheets in the Errors were added for the ART distance control system;
- Parameters, Adjustments and Help sheets in the Errors were added for the SPA lane assistant system;
- the Error list was updated and Help sheets were added for the ABA Active Brake Assist.

Euro 3/4/5 models

- the Vehicle management system was updated;
- the control unit replacement was added and the Error list for the SRS airbag system was updated.

Sprinter

- the Sprint Shift transmission system was updated;

- the Airbag system Error list was updated;
- the messages in the Activations and Adjustments of the CDID2Injection were updated.

MERCEDES BENZ EVOBUS

Euro 2/3 vehicles

- alignment within the database of all the variants for the Engine Management: Transmission, Braking System, Suspensions, Vehicle Management, A/C system;
- the Pressure Sensor Calibration procedure for the Suspension system in the articulated vehicles was updated.

MITSUBISHI FUSO

- the Bosch CP3.3 injection system was updated;
- the Denso HP-4 injection system was updated.

FIGHTER Euro 4/5

- the new Denso injection system was developed;
- the new Control unit (diagnosis in CAN and K line) system was developed;
- the new Hill Start System was developed.

NISSAN

NT400 and NV400

- all the equipped systems were updated.

RENAULT TRUCKS

Air suspensions on Euro 3 vehicles

- the replacement of the new type of level sensor was developed.

Euro 3/4/5 vehicles

- the Error lists were updated;
- some reset procedures for the EBS Electronic Braking System were updated.

Euro 6 range

- the Error lists were updated and Help sheets were added to them;
- the diagrams were updated, such as the SCR and

DPF regenerations;

- Adjustments on the Climate Control Module (CCM), the I/O module (CIOM) and the Vehicle Management Control Unit (VMCU) were added;
- Activations on the Engine management, Instrument Cluster (IC) and Human-Machine Interface I/O Module (HMIIOM) were added.

SCANIA

R, P, G Series

- the new variants of the S8 control unit (Euro 5 and 6) for the EMS Engine Management System were implemented;
- the VIN check in the service reset procedure for the Coordinator system was implemented;
- the additional Parameters for the Suspension Management System (SMS), Coordinator (COO), Brake Management System (BMS), Compressed air management (APS) and Instrument Cluster (ICL) were developed.

VOLVO

Series FH/FL/FM, Euro 3/4/5

- Adjustments in the Special Parameterisations regarding the Towed vehicle light detection and control were added;
- the Error lists were updated;
- some reset procedures for the EBS Electronic Braking System were updated.

Euro 6 range

- the Error lists were updated and Help sheets were added to them;
- the diagrams were updated, such as the SCR and DPF regenerations
- Adjustments on the Climate Control Module (CCM), the I/O module (CIOM) and the Vehicle Management Control Unit (VMCU) were added;

- various Activations on the Engine management, Instrument Cluster (IC) and Human-Machine Interface I/O Module (HMIIOM) were added.

VOLKSWAGEN

T5 vehicles

- the maintenance reset procedure was updated, Adjustments were added and the Error list for the Instrumentation system was updated;
- new Adjustments and Activations for the Park Assist system were implemented;
- new Adjustments and Activations for the Right and Left Sliding Door systems were implemented;
- the EDC17 control unit Error list was updated.

Crafter

- the Error list for the EDC17C54 Injection control unit was updated;
- the maintenance reset procedure for the Instrumentation system was updated.

WABCO

ABS E

- the Programming with file transfer was developed.

ATC

- the Test Management with the display of the Parameters was modified.

TRAILER BRAKING SYSTEMS

- the VCSII system recognition for the EBS Check-up was included.

THERMO KING

- the new Smart Reefer system in serial diagnosis was developed;
- new 3151/T56 cable available.

For further details on these functions and on their applicability to vehicles, visit:
www.texa.com/coverage

NORTH AMERICAN MARKET

CUMMINS Engine

- new Adjustments and Activations for the Diagnosis in J1708 Core 1 and Diagnosis in J1939 Core 1 were implemented.

CHEVROLET

- the ABS system was developed.

DETROIT DIESEL-MERCEDES BENZ

- new proprietary diagnoses were implemented: CGW Gateway, MSF Modular switch panel, SSAM Cab module, ICUC Instrumentation, SCH Chassis module.

FORD

- the new ABS Hydraulic system was developed.

GMC

- the new ABS Hydraulic system was developed.

HINO

Series 600

- new reset Adjustments for the Denso Injection were developed.

NEW Wiring diagrams

- Bendix-Knorr: ABS/ATC;
- WABCO: ABS D;
- MAN TGS/TGX/TGL Euro 6: various vehicle systems;
- DAF CF M.Y. 2006/XF 105: suspensions and immobiliser;
- RENAULT TRUCKS: T/K/C/D range, the entire vehicle platform;
- Volvo FM (4): the entire vehicle platform.

INTERNATIONAL

- news tests like the Indicator Activation for the Body Controller Gateway;
- the new ABS Hydraulic system was developed.

ISUZU (North America)

- the new ABS system for the H series was developed.

MACK

MACK IV Generation

- the Errors lists of all the systems were updated.

MACK III Generation

- new special Parameterisations for the Injection system were developed: Injector Coding, Idle Speed Adjustment, Engine Brake Solenoid;

NEW DASHBOARDS

- DAF: EAS Exhaust Gas After-Treatment and AsTronic transmission.

The TRUCK 37 update offers a revisitation of the current DASHBOARDS with the introduction of a new graphic format that is more immediate and captivating; among these, the Allison Automatic Transmissions, the DAF, IVECO, SCANIA and VOLVO Injections, the Opticruise Transmission, the ECAS BUS and ECAS CAN Suspensions, the Mercedes Suspensions and many more.



WARNING FOR USERS WHO HAVE OLD GENERATION TOOLS

We also wish to inform you that, although TEXA tries its best to keep its "old generation" diagnostic tools updated through an active subscription (for example NAVIGATOR MOBILE and TRIBOX with A-DIA module), the electronics in modern vehicles is often very complex and requires diagnostic tools with advanced technological features. For this reason, for some new systems, some advanced diagnostic operations could not be available using "old generation" tools. For further information, contact your local retailer.

EXTENDED COVERAGE OF MAKES

VERSION 37

TRUCK

AGRALE
ASTRA
AUTOCAR
BEIFANG BENCHI
BREMACH
BUCHER-SCHÖRLING
CARMICHAEL
CVS FERRARI
DAEWOO AVIA
DAF
DENNIS EAGLE
DODGE
DONGFENG
DULEVO
E-ONE
EFFEDI
ERF
FAW
FODEN
FORD
FREIGHTLINER
FRESIA-METROCAB
GAZ
GMC
HINO
HYUNDAI
INTERNATIONAL
ISUZU
ISUZU (NORTH AMERICA)
IVECO
IVECO (LATIN AMERICA)
IVECO DVD
JOHNSTON
KALMAR
KAMAZ
KENWORTH
KMW
LIEBHERR
MACK
MAN
MAZ
MERCEDES-BENZ

MERCEDES-BENZ
(BRASIL / ASIA PACIFIC)
MITSUBISHI FUSO
MULTICAR
NISSAN (EUROPEAN
MARKET)
O.ZETA CLES
PETERBILT
RENAULT TRUCKS
SCANIA
SHAANXI
SHACMAN
STERLING
TADANO FAUN
TATA DAEWOO
TATRA
TERBERG
TEREX
UD TRUCKS (NISSAN
DIESEL)
VOLKSWAGEN TRUCKS
VOLVO TRUCKS
WESTERN STAR

BUS

AGRALE
ALEXANDER DENNIS
ALLEGRO
AMZ
AUTODROMO
AUTOSAN
AYATS
BARBI
BCI
BEIFANG BENCHI
BEULAS
BLUE BIRD
BMC
BREDAMENARINI
CACCIAMALI
CAIO
CASTROSUA
COMIL

CROBUS
DAEWOO BUS
DALLA VIA
DE SIMON
FAST
FIAT
GOLDEN DRAGON
GULERYUZ
HEULIEZ BUS
HINO
HYUNDAI
IRISBUS
IRIZAR
ISUZU
IVECO
IVECO LATIN AMERICA
KAMAZ
KING LONG
LEXEA
LIAZ
MAN
MARCOPOLO
MAZ (BUS)
MERCEDES-BENZ
MERCEDES-BENZ (BRASIL)
MERCEDES-BENZ (EVOBUS)
MERKAVIM
MITSUBISHI FUSO
NEOPLAN
NOGE
OPTARE
OTOKAR
PAZ
RAMPINI
RENAULT BUS
SCANIA
SETRA
SHENLONG
SOLARIS
SOLBUS
SOR
SUNSDGUI
TATA

TCV
TEMSA
TOYOTA
TOYOTA CAETANO
TVM-MARBUS
VAN HOOL
VDL BERKHOF
VDL BOVA
VDL BUS
VDL BUS & COACH
VDL CHASSIS
VDL JONCKHEERE
VISEON
VOLARE
VOLKSWAGEN BUS
VOLVO TRUCKS
VOLZHANIN
WRIGHT BUS
YUTONG

LIGHT VEHICLES

AGRALE
BSI VEICOLI
CHEVROLET
CITROËN
DACIA
DAIHATSU
DODGE
FIAT
FORD
GREAT WALL
HYUNDAI
IVECO
IVECO LATIN AMERICA
LCV
KIA
LDV
MAHINDRA
MERCEDES-BENZ
MERCEDES-BENZ (BRASIL /
ASIA PACIFIC)
MERCEDES-BENZ (EVOBUS)
MITSUBISHI

NISSAN
OPEL (GM)
PEUGEOT
RENAULT
SEAT
SKODA
SOLLERS FIAT
SSANGYONG
SUZUKI
TOYOTA
VOLKSWAGEN

TRAILER AND SEMI TRAILERS

BPW
BREMACH
HALDEX
KNORR
THERMOKING
WABCO
WRIGHT BUS

POWER TRAIN

ALLISON
CATERPILLAR
CUMMINS
DETROIT
DEUTZ
EBERSPACHER
FPT (IVECO MOTORS)
INTERNATIONAL
MERCEDES-BENZ
PACCAR
SCANIA
VM MOTORI
VOITH
VOLVO PENTA
ZF
WEBASTO
WABCO

LEGEND

 Brands that offer updates in this version	 Brands that do not offer updates in this version
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