



BOSCH

Bosch Diagnostic Cables List for KTS Truck

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1 684 463 770

Application: Volvo

Projects: KTS TRUCK ROW

Paths/Vehicles:

TRUCK: VOLVO, TERBERG

BUS: VOLVO, VDL (Volvo chassis) MANUFACTURER: VOLVO, MWM

OHW & CONSTRUCTION: VOLVO CE, TERBERG

Notes:

- Specific cable for Volvo models before the standardization to OBD and other related MANUFACTURER.
- Electronic architecture in the communication bus through SAE J1708 protocol.

Important note:

This document has been only created due to your requirement so it could be that the instructions for using this cable are available in the KTS TRUCK NAFTA software too. This is because of all the OHW & CONSTRUCTION machines paths are available in both projects. However, if it is not common or it is not sure the KTS TRUCK NAFTA will not be indicated. In the opposite way, some cables could be designed for NAFTA without being used a lot in this market.

This note applies from now onwards below.



1 684 463 771

Application: OBD Adapter - Iveco 3 pin Projects: KTS TRUCK ROW

Paths/Vehicles:

TRUCK: IVECO, ASTRA

BUS: IVECO/IRISBUS

Notes:

- The use of the cable requires the device to receive power supply from the lighter or battery cables.
- Specific cable for Iveco (old models).



1 684 463 772

Application: Mercedes Benz

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple diagnostics paths in all type of vehicles.

TRUCK: MERCEDES-BENZ

BUS: MERCEDES-BENZ, SETRA, NEOPLAN, MAZ

LIGHT COMMERCIAL VEHICLE: MERCEDES-BENZ, VOLKSWAGEN

OHV & CONSTRUCTION: GROVE, TADANO FAUN, TERBERG, LIEBHERR, DEMAG, SANDVIK, ...

MANUFACTURER: MERCEDES-BENZ

STATIONARY ENGINE: MERCEDES-BENZ

AGRICULTURAL VEHICLE: CLAAS, DEUTZ-FAHR, SAME, LAMBORGHINI

Notes: Cable for the connection on the typical round connector of Mercedes-Benz but also used in other brands. This cable can be used in several type of vehicles and models.



1 684 463 773

Application: Renault

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

TRUCK: RENAULT, MACK

BUS: RENAULT, AUTOSAN, IVECO/IRISBUS

Notes: Specific cable for Renault used principally in the previous models and first generation of DXi models.



1 684 463 774

Application: Iveco 30 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple diagnostics paths in all type of vehicles.

TRUCK: IVECO, ASTRA, SEDDON ATKINSON, URO

BUS: IVECO/IRISBUS, CREDO, SOR, AUTOSAN

MANUFACTURER: IVECO-FPT

STATIONARY ENGINE: IVECO-FPT

SWEEPER: RAVO, BUCHER

LIGHT COMMERCIAL VEHICLE: MULTICAR

OHW & CONSTRUCTION: FIAT KOBELCO

Notes: Specific cable for Iveco. This cable can be used in most Iveco models, except in Euro 6 models.



1 684 463 775

Application: MAN TG Series

Projects: KTS TRUCK ROW Paths/Vehicles:

TRUCK: MAN, ERF, MAZ

BUS: MAN, NEOPLAN

STATIONARY ENGINE: MAN

AGRICULTURAL VEHICLE: CLAAS, ROPA

OHW & CONSTRUCTION: PRINOTH

Notes: Specific cable for MAN TG Series and buses of the same generation.



1 684 463 776

Application: ISO 9141 diagnostic (Used by DAF...)

Projects: KTS TRUCK ROW

Paths/Vehicles:

TRUCK: DAF, FODEN

BUS: VDL, SOLARIS, VISEON BUS

Notes: Specific cable for DAF & VDL models. This cable is also used in connections through CAN lines on 16 & 15 pins.



1 684 463 777

Application: MAN 2000 Series 37 pin

Projects: KTS TRUCK ROW

Paths/Vehicles:

TRUCK: MAN, ASKAM, YOUNGMAN

BUS: MAN, NEOPLAN, TEMSA, VAN HOOL

Notes: Specific cable for MAN truck and buses old models.



1 684 463 778

Application: Haldex ABS Modal

Projects: KTS TRUCK ROW

Paths/Vehicles: TRAILER

Notes: Specific cable for Haldex ABS Modal, trailer braking system.



1 684 463 779

Application: Haldex ABS Modular

Projects: KTS TRUCK ROW

Paths/Vehicles:

TRAILER

TRUCK: NISSAN ATLEON

Notes: Specific cable for Haldex ABS Modular and Haldex ABS DGX systems.



1 684 463 780

Application: Trailer ABS/EBS Wabco, Knorr

Projects: KTS TRUCK ROW

Paths/Vehicles:

TRAILER

LIGHT COMMERCIAL VEHICLE: MULTICAR

Notes: Specific cable for Wabco & Knorr trailer systems. The connector is located on the Trailer chassis and used when the Tractor-Trailer connection is the ISO 7638 (5 pins). Additionally, it could be an alternative even the ISO 7638 (7 pins)



1 684 463 781

Application: Haldex EB+

Projects: KTS TRUCK ROW

Paths/Vehicles: TRAILER

Notes: Specific cable for Haldex EB+ (1st, 2nd and 3rd generations) to connect directly on the diag module connector socket.



1 684 463 782

Application: ISO 7638 Trailer

Projects: KTS TRUCK ROW

Paths/Vehicles: TRAILER

Notes: Standard cable ISO 7638 to use in between the tractor head and the trailer CAN communication.



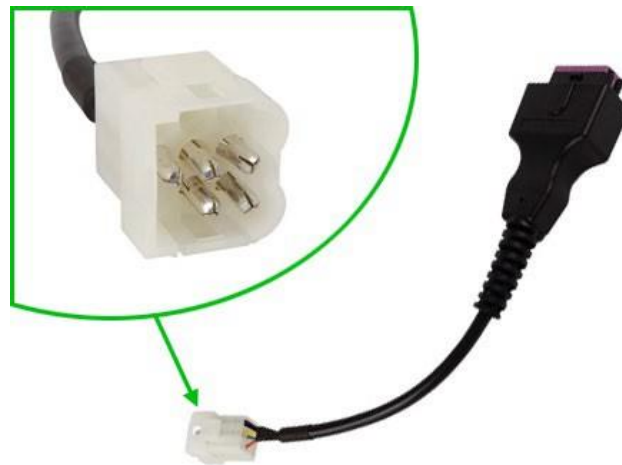
1 684 463 783

Application: Volvo Bus ECS

Projects: KTS TRUCK ROW

Paths/Vehicles: BUS: VOLVO

Notes: Specific cable for ELF suspension system in Volvo bus (old models).



1 684 463 784

Application: Volvo Bus ABS

Projects: KTS TRUCK ROW

Paths/Vehicles: BUS: VOLVO

Notes: Specific cable for ABS in Volvo bus (old models).



1 684 463 785

Application: ZF Ecomat-1/2 Mate N-lock 3 & 6 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

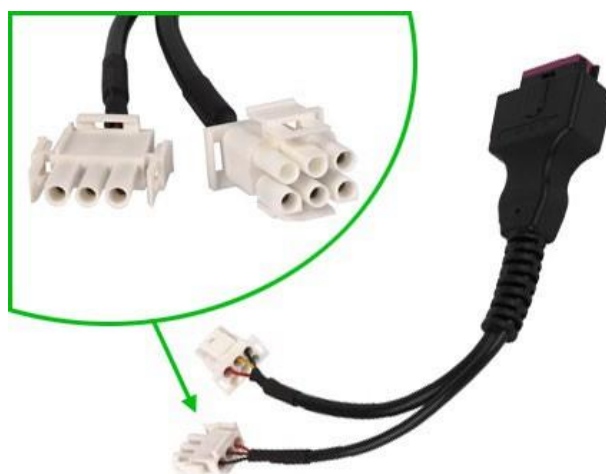
BUS: MERCEDES-BENZ, MAN, SCANIA, SOLARIS, GILLIG, NEW FLYER, VDL, SETRA, NEOPLAN USA, IVECO/IRISBUS, TEMSA, VAN HOOL USA, KING LONG, ...

OHV & CONSTRUCTION: LIEBHERR, DEMAG, GROVE, TADANO FAUN, JCB, HYDREMA, TEREX, HYUNDAI CE, NEW HOLLAND CE, ASTRA, ...

MANUFACTURER: ZF TRUCK: TATA-DAEWOO

AGRICULTURAL VEHICLE: URSUS

Notes: Specific cable for ZF Ecomat 1, Ecomat 2, AS Tronic, Ergopower, ... transmissions and for ZF EST-32, EST-42 & EST-48 retarders.



1 684 463 786

Application: OBD adapter for Iveco Daily and MB Vito

Projects: KTS TRUCK ROW

Paths/Vehicles:

LIGHT COMMERCIAL VEHICLE: IVECO, MERCEDES-BENZ,

BUS: IVECO/IRISBUS Minibuses.

Notes: Specific cable for Iveco and MB light commercial vehicles (old models).



1 684 463 787

Application: VW

Projects: KTS TRUCK ROW

Paths/Vehicles: LIGHT COMMERCIAL VEHICLE: VOLKSWAGEN

Notes: Specific cable for Volkswagen light commercial vehicles (old models).



1 684 463 789 / 1 684 463 944

Application: Deutsch 6 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple diagnostics paths in several type of vehicles.

Notes: Standard cable used mostly in all trucks and BUS models in NAFTA before the evolution to Deutsch 9 Pin (old models). It is also used by manufacturers as CUMMINS, ALLISON, and much more... so it could be found in several paths of all type of vehicles. The Vehicle System Scan could be executed using this cable.

Deutsch 6 pin cable for KTS Truck V1/V2.



1 684 463 790 / 1 684 463 943 / 1 684 465 814

Application: Deutsch 9 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple diagnostics paths in all type of vehicles.

Notes: Standard cable used mostly in all trucks and BUS models in NAFTA. It is also used by manufacturers as CUMMINS, ALLISON, and much more... so it could be found in several paths of all type of vehicles. The Vehicle System Scan could be executed using this cable.

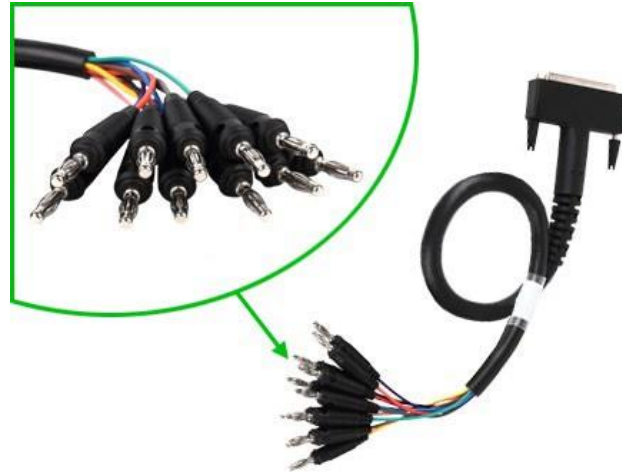
Deutsch 9 pin cable for KTS Truck V1/V2.



1 684 463 792

Application: UniAdapter, universal cable for multipin...

Notes: Multipin cable for KTS Truck V1/V2



1 684 463 793

Application: ISO 9141 diagnostic (Used by Scania and Wabco systems...)

Projects: KTS TRUCK ROW

Paths/Vehicles: Multiple diagnostics paths in several type of vehicles.

TRUCK: SCANIA, ERF, FAW, ASHOK LEYLAND, ...

MANUFACTURER: WABCO, VOITH

BUS: ISUZU, VAN HOOL, SOLARIS, CREDO, KING LONG, SOLBUS, MAN,...

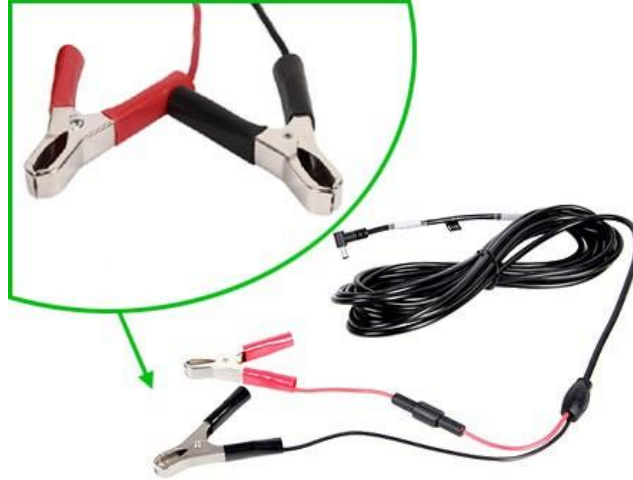
LIGHT COMMERCIAL VEHICLE: MULTICAR

Notes: Standard cable used in Scania (old models) and for Wabco, Voith, Knorr-Bremse, ... systems.



1 684 463 800

Application: Battery clips to DC Input



1 684 463 801

Application: Cigarette lighter to DC Input



1 684 463 891

Application: ZF Ecomat-4 Mate N-lock 9 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple paths but mainly in buses.

BUS: VOLVO, SOLBUS, BMC, SOLARIS, VAN HOOL, IVECO/IRISBUS, SCANIA, SETRA, VDL, GILLIG, NEW FLYER, VAN HOOL USA, YUTONG, ALEXANDER DENNIS, ...

MANUFACTURER: ZF, ZF MERITOR

Notes: Specific cable for ZF Ecomat 4 transmission system through K Line or SAE J1708.



1 684 463 892

Application: ZF EcoLife mini-USB

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple paths but mainly in buses.

BUS: KING LONG, VDL, NEW FLYER, ALEXANDER DENNIS, IRIZAR, SOLARIS, SCANIA, TEMSA, IVECO/IRISBUS, ZHONGTONG, HIGER, ...

MANUFACTURER: ZF, ZF MERITOR

Notes: Specific cable for ZF EcoLife transmission system.



1 684 463 893

Application: ZF EcoLife mini USB

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple paths but mainly in buses.

BUS: VAN HOOL, IVECO/IRISBUS, CREDO, IRIZAR, TEMSA, KING LONG, VDL,
MERCEDES-BENZ, SOLARIS,...

MANUFACTURER: ZF, ZF MERITOR

Notes: Specific cable for ZF transmissions (EcoLife, AS Tronic, AS Tronic Lite, TraXon, ...) & ZF retarders (EST-52, EST-54)



1 684 463 933

Application: UniAdapter, universal cable for multipin...

Notes: Multipin cable for KTS Truck V3



1 684 463 935

Application: Deutsch 6 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: Multiple diagnostics paths in several type of vehicles.

Notes: Standard cable used mostly in all trucks and BUS models in NAFTA before the evolution to Deutsch 9 Pin (old models). It is also used by manufacturers as CUMMINS, ALLISON, and much more... so it could be found in several paths of all type of vehicles. The Vehicle System Scan could be executed using this cable.

Deutsch 6 pin cable for KTS Truck V3



1 684 463 947

Application: Power Supply - PLC

Projects: KTS TRUCK NAFTA

Notes: This cable is always used together with the cables 1 684 465 786 and 1 684 463 943/1 684 465 814. It is used on isolated trailers without the tractor head to supply the Trailer systems.



1 684 465 611

Application: OBD Cable Adapter

Notes: OBD cable for KTS Truck V1/V2



1 684 465 785

Application: Knorr KB4-TA

Projects: KTS TRUCK ROW

Paths/Vehicles: TRAILER

Notes: Specific cable for Knorr-Bremse KB4-TA system.



1 684 465 786

Application: PLC Trailer ABS

Projects: KTS TRUCK NAFTA

Paths/Vehicles:

TRAILER

MANUFACTURER: MERITOR WABCO, BENDIX, HALDEX USA

Notes: This cable is always used together with one of these cables:

- 1 684 463 943
- 1 684 463 943 + 1 684 463 497
- 1 684 463 814
- 1 684 463 814 + 1 684 463 497



1 684 465 787

Application: Thermo King

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: TRAILER

Notes:

- Cable with an additional PCB. The use of this cable is only possible for V2 devices. The Uniadapter is not available to connect on the systems communicating on this connector socket.
- Specific cable for Thermo King Smart Reefer 2, Smart Reefer 3 & Thermoguard TG-VI; and Carrier Vector.



1 684 465 788

Application: Haldex EB+ 3rd Gen

Projects: KTS TRUCK ROW

Paths/Vehicles: TRAILER

Notes: Specific cable for connecting directly on the Haldex EB+ 3rd Gen module and Haldex U-ABS (Brazilian market)



1 684 465 789

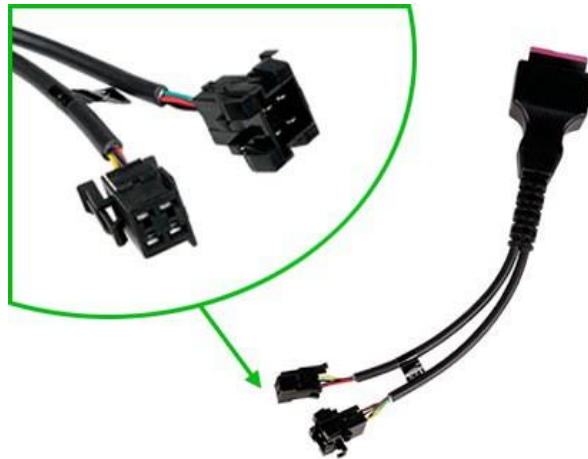
Application: Wabco ATC

Projects: KTS TRUCK ROW

Paths/Vehicles: BUS: MAN, NEOPLAN, SETRA, VAN HOOL, VDL

Notes:

- Connections to Wabco ATC and MTS systems in several BUS models.
- The use of the cable requires the device to receive power supply from the lighter or battery cables.



1 684 465 790

Application: Knorr ABS 6

Projects: KTS TRUCK ROW

Paths/Vehicles:

BUS: BMC, OTOKAR, ISUZU, TEMSA, MAZ

TRUCKS: DENNIS EAGLE, TATA

Notes: Specific cable for Knorr ABS 6 system in several BUS and truck models.



1 684 465 792

Application: Solbus ECAS CAN

Projects: KTS TRUCK ROW Paths/Vehicles: BUS: SOLBUS

Notes: Specific cable for ECAS CAN 2 in Solbus models.



1 684 465 793

Application: Serial COM RS232

Projects: KTS TRUCK ROW

Paths/Vehicles: BUS: TEMSA & SOLARIS

Notes: Specific cable to ABS, ECAS, MTS & ATC in the aforementioned models.



1 684 465 815

Application: Switch CNH (Deutsch 9 pin)

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: CASE iH, NEW HOLLAND, STEYR

Notes: This is an auxiliary switch device used in calibrations so it is not appearing into the connection instructions.



1 684 465 816

Application: Diagnostic cable SAE J1939 Back bone

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

MANUFACTURER: CUMMINS, TWIN DISC

BUS: VOLSKWAGEN

OHW & CONSTRUCTION: KOMATSU, HYUNDAI CE, HYSTER

STATIONARY ENGINE: CUMMINS

Notes:

- The use of the cable requires the device to receive power supply from the lighter or battery cables.
- The connector socket is part of the harness of the engine so it tends to be located next to the engine block.



1 684 465 817

Application: Steyr 3 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: STATIONARY ENGINE: STEYR



1 684 465 818

Application: Steyr 6 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: STATIONARY ENGINE: STEYR



1 684 465 820

Application: Deutz ENGINE

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

BUS: OTOKAR, MAZ, BREDAMENARINIBUS

AGRICULTURAL VEHICLE: GREGOIRE, FENDT, ATLAS, URSUS, MANITOU, CLAAS, MERLO, ...

OHW & CONSTRUCTION: WEIDEMANN, TAKEUCHI, BOMAG, LIEBHERR, BOBCAT, HITACHI, KRAMER, TEREX, YANMAR, HYUNDAI CE, VOLVO CE, ...

STATIONARY ENGINE: DEUTZ

Notes: Specific cable for Deutz engines.



1 684 465 821

Application: SDF Group (Deutz-Fahr, Same, Lamborghini)

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: DEUTZ-FAHR, SAME, LAMBORGHINI, HÜRLIMANN

Notes: Cable with an additional PCB. The use of this cable is only possible for V2 devices. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 822

Application: CAT, Perkins, John Deere Construction, ...

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

AGRICULTURAL VEHICLE: GREGOIRE, LANDINI, MERLO, CLAAS, CATERPILLAR, LAVERDA, MASSEY FERGUSON, McCORMICK

STATIONARY ENGINE: JOHN DEERE, PERKINS

OHW & CONSTRUCTION: BOBCAT, HYDREMA, CATERPILLAR, BOMAG
MANUFACTURER: CATERPILLAR

Notes:

- Specific cable for Caterpillar, Perkins and John Deere engines.
- This connector could have to be combined with 1 684 465 863.



1 684 465 823

Application: Fendt

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: FENDT

Notes: The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.



1 684 465 824

Application: Switch New Holland

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: NEW HOLLAND

Notes: This is an auxiliary switch device used in calibrations, DTC deletion manual process... so it is not appearing into the connection instructions.



1 684 465 825

Application: New Holland (TN Series)

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: NEW HOLLAND, CASE IH, STEYR

Notes: Cable with an additional PCB. The use of this cable is only possible for V2 devices. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 826

Application: Volvo Construction 14 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: VOLVO CE

Notes: Specific cable for Volvo CE models (old models)



1 684 465 827

Application: Volvo Penta Diesel 6 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

STATIONARY ENGINE: VOLVO PENTA

OHW & CONSTRUCTION: KALMAR, TERBERG, SANDVIK

AGRICULTURAL VEHICLE: FRANZ KLEINE, MTS-SANDEI

Notes: Specific cable for Volvo Penta engines (without SAE J1939)



1 684 465 828

Application: Volvo Penta Diesel 8 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

STATIONARY ENGINE: VOLVO PENTA

OHW & CONSTRUCTION: KALMAR, SANDVIK

AGRICULTURAL VEHICLE: MTS-SANDEI

Notes: Specific cable for Volvo Penta engines (newest than the previous one, with SAE J1939)



1 684 465 829

Application: MTU

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: STATIONARY ENGINE: MTU

Notes:

- Specific cable for ADEC system in MTU engines.
- The use of a direct connector requires the device to receive power supply from the lighter or battery cables.
- The connector socket could be directly located directly on the ECU.



1 684 465 830

Application: Massey Ferguson

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: MASSEY FERGUSON, CHALLENGER

Notes: Specific cable for Massey Ferguson and Challenger models.



1 684 465 831

Application: Sisu and John Deere engines (SubD-9/3 pin)

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

AGRICULTURAL VEHICLE: MASSEY FERGUSON, CHALLENGER, FENDT, LAVERDA, JOHN DEERE, VALTRA

STATIONARY ENGINE: SCANIA

OHW & CONSTRUCTION: KALMAR, CVS FERRARI, RANDON

Notes:

- The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.
- Cable with two possible connectors (9 pins/3 pins).



1 684 465 832

Application: Claas, Renault (4 pin/4 pin)

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: CLAAS, RENAULT

Notes:

- Cable with two possible connectors (circular 4 pins/rectangular 4 pins)
- This connector could have to be combined with 1 684 465 863.



1 684 465 834

Application: Carraro (SubD-9/3 pin)

Projects: KTS TRUCK ROW

Paths/Vehicles: AGRICULTURAL VEHICLE: CARRARO, CHALLENGER, JOHN DEERE, MASSEY FERGUSON, CLAAS, RENAULT, VALTRA, ...

Notes:

- Cable with an additional PCB. The use of this cable is only possible for V2 devices. The Uniadapter is not available to connect on this system.
- The use of this cable requires it to receive external power supply from the lighter cable.
- Cable with two possible connectors (9 pins/3 pins)



1 684 465 835

Application: Landini

Projects: KTS TRUCK ROW

Paths/Vehicles: AGRICULTURAL VEHICLE: LANDINI, McCORMICK, VALDAPANA, KAMAZ

Notes: Specific cable for Argo tractors group.



1 684 465 836

Application: Valtra 8 pin

Projects: KTS TRUCK ROW

Paths/Vehicles: AGRICULTURAL VEHICLE: VALTRA

Notes: The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.



1 684 465 837

Application: Valtra 16 pin Projects: KTS TRUCK ROW

Paths/Vehicles: AGRICULTURAL VEHICLE: VALTRA

Notes: Specific cable for Valtra models.



1 684 465 838

Application: Bosch Rexroth

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

BUS: SOLARIS, SOLBUS

OHW & CONSTRUCTION: BOSCH REXROTH, TERBERG

AGRICULTURAL VEHICLE: MERLO, MANITOU

MANUFACTURER: BOSCH REXROTH

Notes:

- The use of this cable requires the device to receive power supply coming from the lighter or battery cables.
- This cable will be replaced by the cable reference 1 684 465 873. This new cable adds an external PCB for supporting connections on ECUs communicating on RS232 protocol, but it is possible connecting on ECU on CAN line too.



1 684 465 839

Application: Kubota

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

AGRICULTURAL VEHICLE: KUBOTA, MANITOU, MERLO, DIECI SWEEPER: MATHIEU-
YNO, DULEVO

OHW & CONSTRUCTION: KUBOTA, HIDROMEK, HYSTER, SCHÄFFER, GENIE, GEHL,
KÄSSBOHRER GELÄNDEFahrZEUG, HAMM, HITACHI, BOBCAT, ...

Notes: The use of this cable is on CAN communication of the E-CDIS system for Kubota engines.



1 684 465 840

Application: Power Supply – Agricultural vehicles converter from COBO to lighter

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE



1 684 465 851

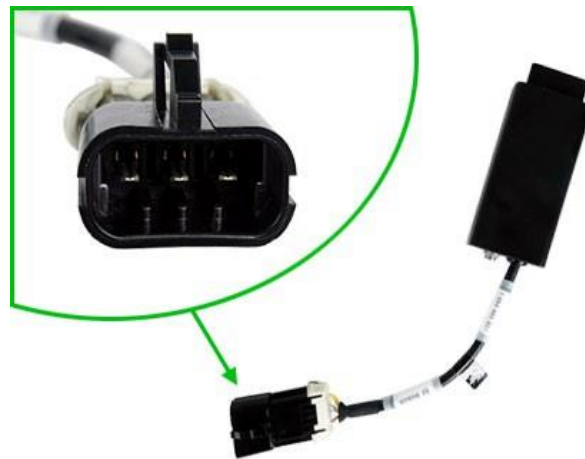
Application: Carrier

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: TRAILER, Carrier Refrigerator Units, e.g. MAXIMA/ULTRA, VECTOR, ...

Notes:

- Cable with an additional PCB. The use of this cable is only possible for V2 devices. The Uniadapter is not available to connect on this system.
- The use of this cable requires it to receive external power supply from the lighter or the battery cable.



1 684 465 852

Application: GMC Chevrolet (CAN Single Wire)

Projects: KTS TRUCK NAFTA

Paths/Vehicles: LIGHT COMMERCIAL VEHICLE: GMC/CHEVROLET



1 684 465 853

Application: Claas, Renault 14 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: CLAAS/RENAULT Celtis CT36/A07

Notes:

- Developed systems: engine, transmission.
- This connector could have to be combined with 1 684 465 863.
- This connector could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.



1 684 465 854

Application: FPT Deutz 19 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

STATIONARY ENGINE: IVECO/FPT

OHW & CONSTRUCTION: MERLO MM Series SWEEPER: DULEVO, RAVO,
EUROVOIRIE, BUCHER, ... AGRICULTURAL VEHICLE: MERLO Roto Series

Notes:

- Developed systems: engine and anti-pollution.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.



1 684 465 855

Application: Claas Combine and Xerion Series 7 pins

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series ...

Notes:

- Several systems of these vehicle series onto the CAN bus.
- The use of this cable is currently possible for V2 devices although it could be designed for V1 too.
- The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.



1 684 465 856

Application: Claas Combine and Xerion Series 8 pins

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: AGRICULTURAL VEHICLE: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series ...

Notes:

- Several systems of these vehicle series onto the CAN BUS. The difference between this cable and the previous one is that new families add two CAN BUS instead of only one.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.
- The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.



1 684 465 857

Application: RS232 Scania Engine

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: STATIONARY ENGINE: SCANIA

Notes:

- Cable with an additional PCB. The Uniadapter is not available to connect on this system.
- The use of this cable requires it to receive external power supply from the lighter cable.
- The use of this cable is currently possible for V2 devices although it could be designed for V1 too. However, the OHW project was only recommended for the use of V2 devices.



1 684 465 858

Application: CAN Scania Engine, 4 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

STATIONARY ENGINE: SCANIA

OHW & CONSTRUCTION: DOOSAN, HYUNDAI CE, TEREX...

Notes:

- Developed systems: engine, anti-pollution and central computer.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.



1 684 465 859

Application: Caterpillar

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: CATERPILLAR

Notes:

- Several systems of these vehicle series onto the CAN and SAE J1708 BUS.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.



1 684 465 860

Application: Hitachi

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: HITACHI, JOHN DEERE

Notes:

- Several systems of this vehicle series onto the CAN BUS.
- Cable with an additional PCB. The Uniadapter is not available to connect on this system.
- The use of this cable requires it to receive external power supply from the lighter cable.
- The use of this cable is currently possible for V2 devices although it could be designed for V1 too. However, the OHW project was only recommended for the use of V2 devices.



1 684 465 861

Application: Komatsu

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: KOMATSU

Notes:

- Developed engine system of this vehicle series onto the CAN bus.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHW project was only recommended for the use of V2 devices.



1 684 465 862

Application: MTU 10 pin

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: STATIONARY ENGINE: MTU

Notes:

- Cable with an additional PCB. The Uniadapter is not available to connect on this system.
- The use of this cable requires it to receive external power supply from the lighter cable.
- The use of this cable is currently possible for V2 devices although it could be designed for V1 too. However, the OHW project was only recommended for the use of V2 devices.
- The connector socket is directly located on the ECU.



1 684 465 863

Application: CAN resistor adapter

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

STATIONARY ENGINE: PERKINS

OHV & CONSTRUCTION: HYUNDAI CE, TEREX, BOBCAT, TEREX, XTREME, TAKEUCHI, PRINOTH, DOOSAN...

AGRICULTURAL VEHICLE: CLAAS, RENAULT, MASSEY FERGUSON, KANDINI, Mc CORMICK, URSUS, CHALLENGER, KAMAZ, MANITOU, MERLO...

Notes:

- In some different brand models, it is necessary to switch the CAN Bus off using the OBD4 adapter. This adapter will be attached somewhere between the vehicle adapter and the JDC 213M3 connector (corresponding to the cable 1 684 465 611).
- It can be used alone or combined to the cables: JDC 505A (1 684 465 822), JDC 519A (1 684 465 832) or JDC 525A.
- Developed systems: engine and transmission.
- This cable could be partially used with V1 devices depending on the selected system. In any case, the OHV project was only recommended for the use of V2 devices.



1 684 465 864

Application: OBD-II 16 pin to OBD-I 12 pin

Projects: KTS TRUCK NAFTA

Paths/Vehicles:

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...

MANUFACTURER: ALLISON, DETROIT DIESEL-MBE

LIGHT COMMERCIAL VEHICLE: GMC, CHEVROLET...

Notes:

- It is an OBD I adapter cable and converter (12 pins) to OBD II (16 pins).
- Used in some old models of different brands (especially in the brands belonging to the group General Motors). Used in the US market.
- Developed systems: engine, system scan and transmission onto SAE J1708 bus.
- This cable could be used with V1 and V2 devices depending on the selected system. Its inclusion in both devices should be assessed taking into account the age of the models.



1 684 465 870

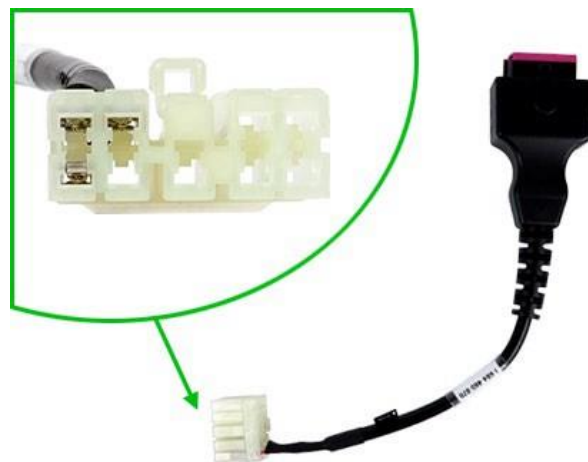
Application: CNH CE 9 pins, FPT ENGINE

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: NEW HOLLAND CE, O&K, FIAT KOBELCO

Notes:

- The use of this cable is on K Line communication of systems like EDC 7 C1, EDC 7 UC31, ... in OHW Machines of CNH CE (NEW Holland E Series) or FIAT KOBELCO.
- For connecting on these paths, the user needs to review the configuration of the wires on this connector.



1 684 465 871

Application: Yanmar

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

OHW & CONSTRUCTION: JOHN DEERE, TAKEUCHI, LIEBHER, HYUNDAI CE,
WACKER NEUSON, HITACHI, KRAMER, ...

SWEEPER: HAKO

Notes: The use of this cable is on CAN communication of the EDC system for Yanmar
ENGINE installed on OHW machines JOHN DEERE, TAKEUCHI, LIEBHER, HYUNDAI CE, ...



1 684 465 872

Application: Bobcat

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: BOBCAT

Notes: Cable with an additional switch needed to the deletion of DTCs.



1 684 465 873

Application: Bosch Rexroth

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

OHW & CONSTRUCTION: BOSCH REXROTH, TERBERG AGRICULTURAL VEHICLE: MERLO, MANITOU

Notes: Important! This cable adds an external PCB for supporting connections on ECUs communicating on RS232 protocol but it would be possible to use instead of the current cable 1 684 465 838. Therefore, the previous one should be replaced by the new reference. The use of the Uniadapter is only possible for connecting on ECUs on CAN line.



1 684 465 874

Application: Hidromek

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: HIDROMEK

Notes: The use of this cable is on K Line or CAN communication of the engine systems installed in OHW Machines Hidromek like Perkins, Isuzu, John Deere...



1 684 465 875

Application: Liebherr

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: LIEBHERR

Notes: Cable with an additional PCB, it is really the Deutsch 9-Pin standard but for Liebherr machines communicating RS232. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 879

Application: Doosan

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles:

OHW & CONSTRUCTION: DOOSAN STATIONARY ENGINE: DOOSAN

Notes: The use of this cable is on CAN communication of engine systems ... in OHW Machines of DOOSAN as e.g. DA Series, DX Series, etc. This is on K line communication (pin 11) in other models e.g. DX400 Series for connecting on the EDC DV11. Finally, this cable has a PCB because of the communication in other system under RS232 protocol (e.g. the main computer E-EPOS). This is used in STATIONARY ENGINES too so it is an important connector on this brand.



1 684 465 889

Application: JLG

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: JLG, SKYTRAK

Notes: Cable with an additional PCB for JLG machines communicating RS232. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 891

Application: Liebherr rectangular 6-pins

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: LIEBHERR

Notes: Cable with an additional PCB, using to connect to the LH ECU UPCR engine system installed on OHW machines LIEBHERR. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 892

Application: Linde

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: LINDE

Notes: The use of this cable is on K Line or CAN communication of systems installed in OHW Machines LINDE.



1 684 465 906

Application: Carrier CAN

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: TRAILER

Notes: The use of this cable is on CAN communication of system Carrier VECTOR1350 installed in TRAILERS.



1 684 465 907

Application: Ethernet cable Liebherr

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: LIEBHERR

Notes: Ethernet cable for Master4, Ethernet Liebherr system.



1 684 465 908

Application: Hyundai CE

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: HYUNDAI CE

Notes: Cable with an additional PCB, using to connect to the MCM body computer system on OHW machines HYUNDAI CE. The Uniadapter is not available to connect on the systems communicating on this connector socket.



1 684 465 909

Application: Isuzu engines in Hitachi, 6-pins

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: HITACHI, KAWASAKI KCM, JOHN DEERE, CASE CE

Notes: The use of this cable is on K line communication of systems Isuzu installed on OHW vehicles.



1 684 465 910

Application: Isuzu engines in Hitachi, 8-pins

Projects: KTS TRUCK ROW, KTS TRUCK NAFTA

Paths/Vehicles: OHW & CONSTRUCTION: HITACHI, KAWASAKI KCM, JOHN DEERE, CASE CE

Notes: The use of this cable is on CAN communication of systems Isuzu installed on OHW vehicles.

