TISPLUS TELEMATICBOX TRUCK 2

Installation instructions for the TISPLUS telematicbox Truck2 remote download cable set

This cable set connects the **OPT_CAN** of the TISPLUS telematicbox Truck 2 to the red **C-connector** of the digital speedometer (DTCO). This cable set is only required if

- there is **no** FMS in the truck (page 2 **connection variant** 2), and / or
- the **internal** connection from the red DTCO connector (C5 + C7) to the CAN bus (FMS) of the truck is missing in the truck (page 2 **connection variant 3**).

NOTE

This cable set is **not** required if the red DTCO connector (C5 + C7) is already connected to the CAN bus of the truck and the remote download is made via the FMS connection (basic cable set) of the telematicbox Truck (page 2 **connection variant 1**) .
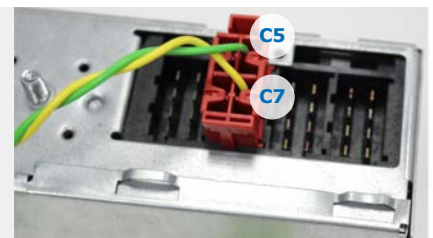
More info:
http://downloads.tis-gmbh.de/rm/TruckboxManuals.zip

1. DTCO connector C (red) for remote download

DTCO connector C	Signal	telematicbox cable	telematicbox connector
Pin C5	CAN High	grün	Pin 3
Pin C7	CAN Low	gelb	Pin 5

PLEASE NOTE:

Only tachos from version R1.3a allow a remote download at all and only if this is enabled in the speedometer.

DTCO backside

2. TISPLUS telematicbox Truck 2 connector (black)

OBEN!
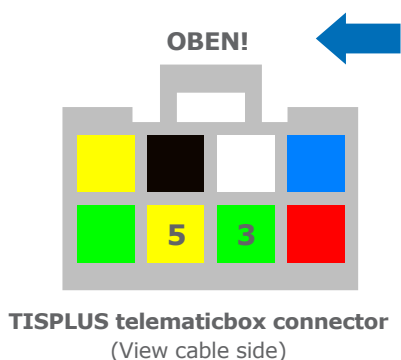
Snap the crimp contacts into the telematicbox connector in this position ("noses" upwards). The coloring as described on the left.
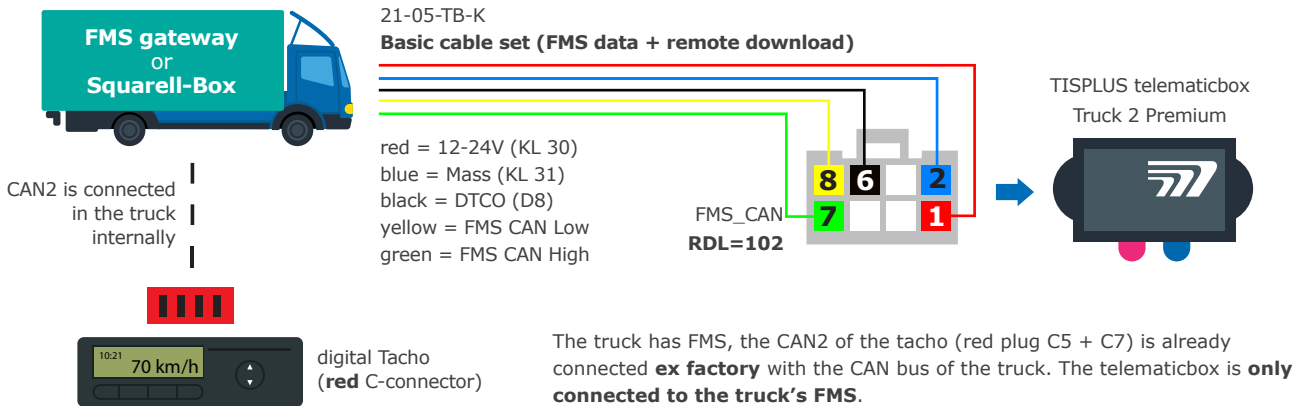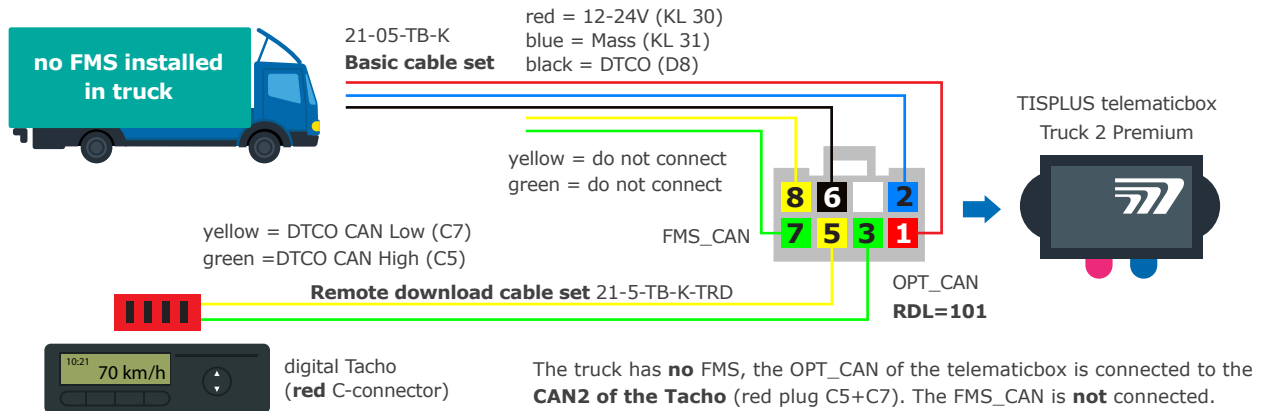

TISPLUS telematicbox connector
(View cable side)

TISPLUS telematicbox connector
Crimp contact

TISPLUS TELEMATICBOX TRUCK 2

3. Connection variants for remote download

CONNECTION VARIANT 1 (only connected to FMS_CAN)

21-05-TB-K
Basic cable set (FMS data + remote download)

red = 12-24V (KL 30)
blue = Mass (KL 31)
black = DTCO (D8)
yellow = FMS CAN Low
green = FMS CAN High

FMS_CAN
RDL=102

TISPLUS telematicbox
Truck 2 Premium

CAN2 is connected
in the truck
internally

digital Tacho
(**red** C-connector)

The truck has FMS, the CAN2 of the tacho (red plug C5 + C7) is already connected **ex factory** with the CAN bus of the truck. The telematicbox is **only connected to the truck's FMS**.

CONNECTION VARIANT 2 (only connected to OPT_CAN)

21-05-TB-K
Basic cable set

red = 12-24V (KL 30)
blue = Mass (KL 31)
black = DTCO (D8)

yellow = do not connect
green = do not connect

no FMS installed
in truck

yellow = DTCO CAN Low (C7)
green =DTCO CAN High (C5)

FMS_CAN

OPT_CAN
RDL=101

Remote download cable set 21-5-TB-K-TRD

digital Tacho
(**red** C-connector)

The truck has **no** FMS, the OPT_CAN of the telematicbox is connected to the **CAN2 of the Tacho** (red plug C5+C7). The FMS_CAN is **not** connected.

CONNECTION VARIANT 3 (only connected to FMS_CAN + OPT_CAN)

21-05-TB-K
Basic cable set (FMS data)

red = 12-24V (KL 30)
blue = Mass (KL 31)
black = DTCO (D8)

yellow = FMS CAN Low
green = FMS CAN High

No connection to
CAN2

yellow = DTCO CAN Low (C7)
green =DTCO CAN High (C5)

FMS_CAN

OPT_CAN
RDL=101

Remote download cable set 21-5-TB-K-TRD

TISPLUS telematicbox
Truck 2 Premium

digital Tacho
(**red** C-connector)

The truck has FMS, the CAN2 of the tacho (red plug C5+C7) is **not** connected to the CAN-Bus of the truck. The telematicbox is connected to the **CAN2 of the tacho and to the FMS** of the truck.