

Operating instructions T-Prog 5

Technical data / equipment:

Input voltage: DC18V - 1.66A

Output voltage: DC15V - 1,66A, for a short time up to 120A

Internal Piezo for "listening to" of the transmitted data.

Supported protocols: CAN, K-Line, L-Line and J1850.

An internal BDSL interface (K-Line to RX / TX)

CAN-Termination OFF, 60R and 120R

Pull-Up OFF, 500R and 1000R

Specially switchable program voltage (15V)

Internal boot resistance 560R and 4700R

Scope of supply:

1 piece T-Prog 5

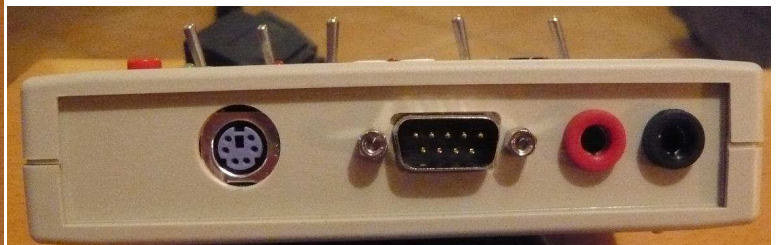
1 piece of connector power supply unit 18 V 1.66 A

1 piece of module 8 cables

1 piece John Deere cable

10 pieces of various cables to the voltage supply and connection of the different ECU's and boot pin

3 pieces isolated 4.8 mms of connector with wire to the simpler connection with the broader ECU-Pin's



↑
Mini-DIN plug for
John Deere Kabel

↑
RS 232

Short overview of the single switches and buttons:

Speaker: Change-over on the single circuits for "listening in"

VPP: Turning on or switch offing of the program voltage

CAN-Term. : Change-over of the CAN-Termination between OFF, 60R and 120R

Pull-Up: Change-over of the Pull-Up between OFF, 500R and 1000R

Power: Turning on or switch offing of the supply voltage - the switches works on following

exits: 15 V of jack in the lid, 15 V of jack and the front page, PIN 9 of the jack RS232 on the front page and on the service pipe (red) of the John Deere Cable.

Boot Reset: Releases in the John Deere Interface a Reset.

Cable use:

John Deere: The colors of the cable are analogous to the pictures in the forum, on the CD and the pictures delivered by mail:

white = TX to JD-RX

green = RX to JD-TX

grey = Reset

blue = boot

black = 0 V

red = 15 V

In some pictures in the forum "bundles" (are pink, brown, yellow and red) from cables twisted and on a point soldered - these are 0 V and correspond with thus black!!!

The red wire is +15V and can be used accordingly in the ECU - it is Basic, however, to the thicker service pipes with the T-Prog 5 are provided the advantage to give.

Module 8 cables:

Connector RS232 on 6 single wires. The cable can be used in ALL Byteshooter as well as Flashbooster. In the cable is integrated the CAN-Termination as well as the suitable boot resistance. By newer devices (BASIC, Crossfire or Truck) the CAN-Termination must be OFF. The Mini, the BASIC, the Crossfire as well as the Truck are to be connected about the OBD connector to the T-Prog 5. Also here counts : The CAN-Termination in the T-Prog 5 is to be put on OFF position.

The Byteshooter AIO or Flashbooster can be used with the cable directly, or be connected likewise about the OBD connector to the T-Prog 5.

Cable allocation:

green = CAN H

blue = CAN L

yellow = K-Line

grey = boot pin

black = 0 V

red = 15 V

Specific features by use of the cable:

A possible diode in the picture is cancelled completely, and must not be soldered.

Connect following wires:

green on CAN H, blue on CAN L, black on 0 V, red on +12V, however, NOT on ignition!!! The K-line in the ECU is not likewise connected!!!

The grey wire is soldered instead of the 560R of resistance, on the page on 0 V the ECU does not lie. Use the pictures you with the T-Prog 5 preserved.

The yellow wire (K-Line) is connected to the ECU on Ignition. Now the ECU becomes about the K-Line on and is switched off (makes the BS automatically), hence, it is not to be held advisable the boot pin only, because the boot pin is required during the whole reading. The module 8 cables has a total of 6 wires 4 of it openly to solder. Of course 2 mms of jacks with the suitable wires and clep (hooker) can be also used instead of the wires green and blue for CAN. Follow, on this occasion, the CAN-Termination likewise on position OFF must be arranged.

A table is on the T-Prog 5 for the Pull-Up to see which value arises with different settings on the Byteshooter (BS) and the T-Prog 5 (T-Pr5).

The basic:

First make all connections you need an THEN put the power on on T-Prog 5. An inadvertent short circuit can melt the wires as well as the connection jacks to bring. For all damages with the T-Prog 5 are arranged, we take over no liability.