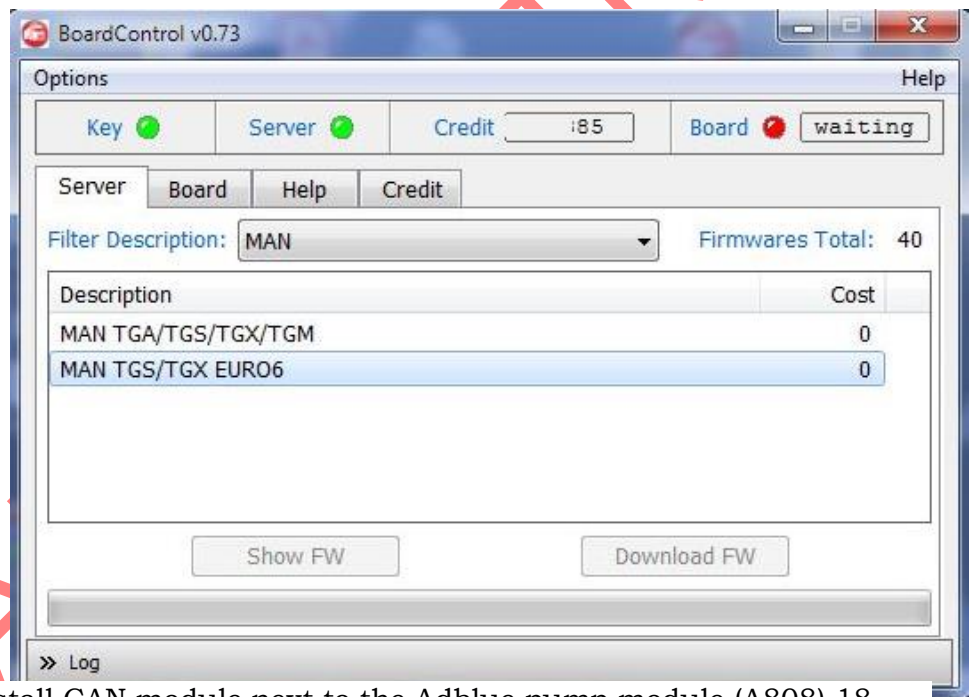# MAN TGX/TGS EURO6 CAN module BOARDCONTROL installation manual

MAN TGX/TGS trucks are equipped with D20/D26 engines and are highly complicated. We strongly recommend to use MANCATs3 diagnostic tool before starting work.

1. First of all you have to flash the BoardControl CAN module. The software at the BoardControl server is updated periodically. It is also possible to update software at the previously installed CAN modules.

It is convenient to install CAN module next to the Adblue pump module (A808) 18 PIN socket. The BoardControl CAN module is produced according to IP67 standard and shows high durability to work outdoor.

You have to pay attention to the Adblue emptying. To save Adblue pump, it is very important to let it runs after turning off the ignition (until it stops buzzing).
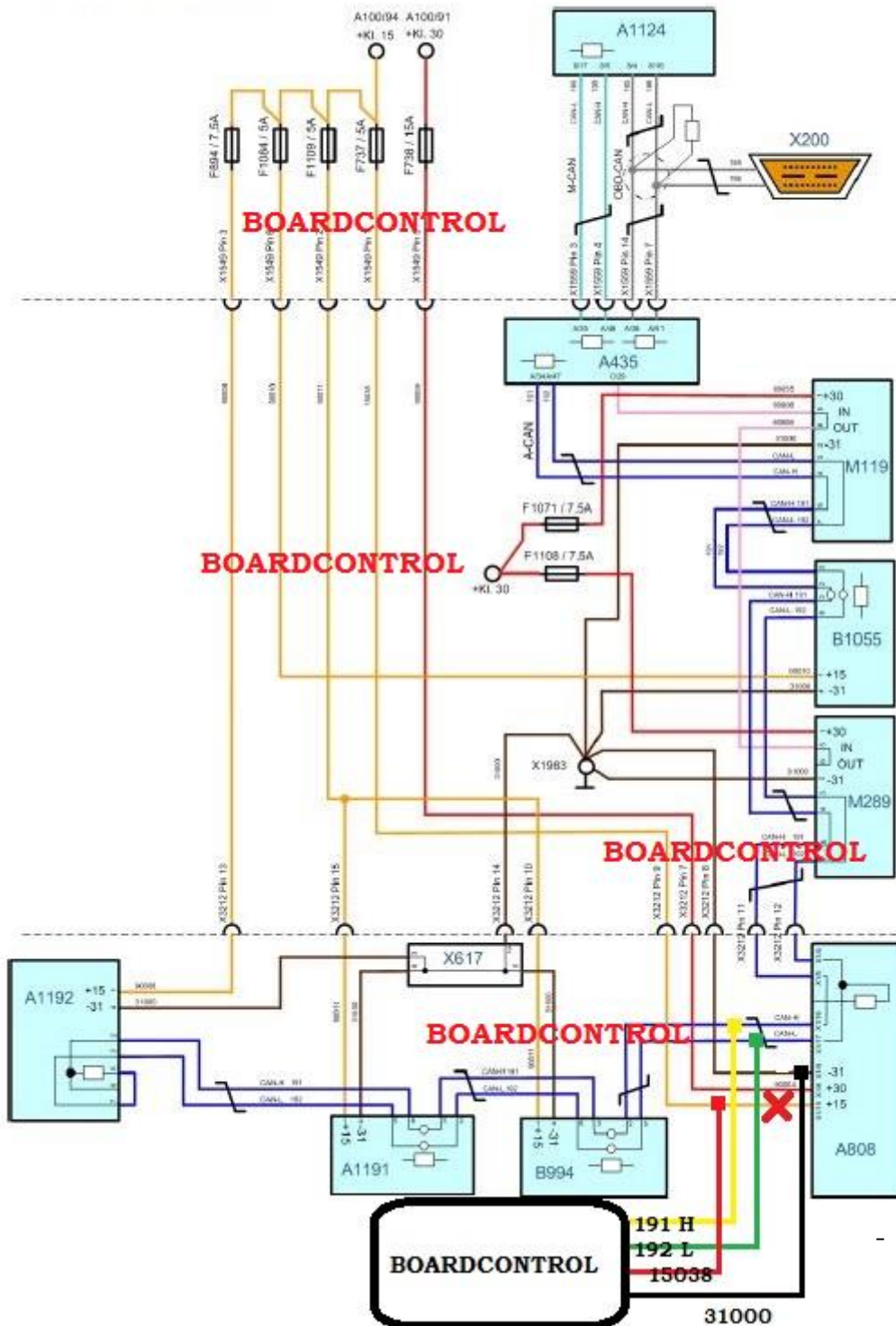
Thereafter start the installation.

2. So look to the CAN bus architecture scheme and perform the following steps:

- To disable Adblue module pump A808 remove Fuse 738/15A. Do not touch Fuse 737/5A (it will be needed to power CAN module). Connect CAN module's wires like the scheme shows. Cut 15038 wire after wiring connection. Do not leave 18 pin Adblue module's socket unplugged, put it back on his place. (It is checkpoint connection, CAN bus goes in and goes out through A808 module). Please try NOT to do any mistakes, or you will catch unlucky to clear DTC).

- To disable Adblue level/temperature sensor A1192 you have to remove F894/7.5A fuse.

- Remove F1084/5A fuse to cut NOx1 sensor's power.
- It is forbidden to remove F1109/5A fuse, because it feeds not only NOx2 sensor, but the exhaust temp sensors too (This CAN bus sensor is very important for the engine's correct work). Ignition power is 90011 wire, cut it and insulate (of course, next to the NOx2 sensor socket). Do not leave any sockets removed, if during the process of installation some of them were removed, put them back to their own places.

№	CAN Module MultiBoard PINout		CAN Module MultiBoard WIRES COLOURS	A808 18 pin SOCKET X1 PINout	A808 18 pin SOCKET X1 WIRES NUMBERS
1	1	CAN1H	YELLOW	5 AND 16	191
2	2	CAN1L	GREEN	4 AND 17	192
3	5	POWER	RED	15	15038
4	6	GND	BLACK	9	31000

Our installation version is very simple and concise. Please read carefully and you will definitely succeed.