Installation guide

DualPass gen1

MAN TGX/TGS Euro 6

Table 1. Module Pin assignments

№	Color	Type	Function	Current, мА
1	Red	Power	Module source +12/24 V	15
2	Brown	Ground	Ground - Terminal 31	-
3	Yellow	CAN1	CAN-High FFR (in cabin) BL/RD	-
4	N / C	-	-	-
5	Green	CAN1	CAN-Low FFR (in cabin) BL/WH	-
6	Gray	CAN2	CAN-High A808 191	-
7	N / C	-		-
8	Orange	CAN2	CAN-Low A808 192	-

Pin assignments

Pin № 1. Module power source. Must be connected to the wire number **15xxx**

Pin № 2. Ground – **Terminal 31.** Must be connected to the wire number **31xxx**

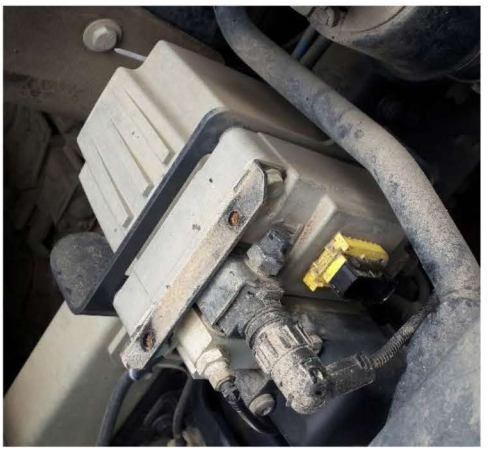
Pin № 3. CAN bus. Must be connected to the wire number **191 of module A808**

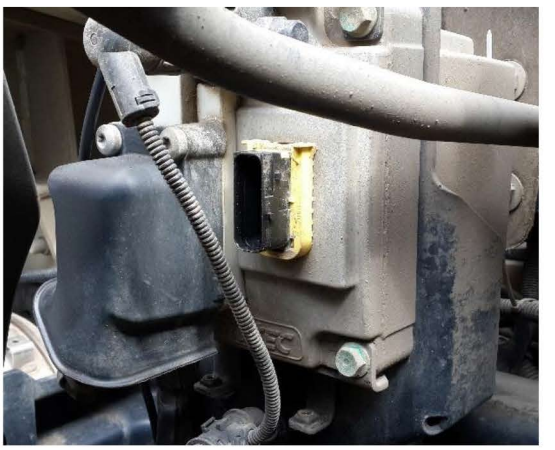
Pin № 5. CAN bus. Must be connected to the wire number **191 of module A808**

Pin № 6. CAN bus. Must be connected to the BL/RD color wire of FFR module

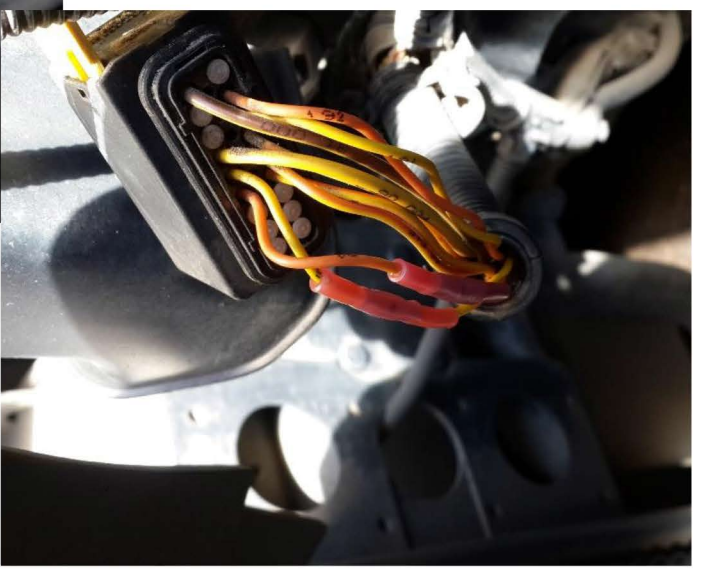
Pin № 8. CAN bus. Must be connected to the BL/WH color wire of FFR module

Sockets location



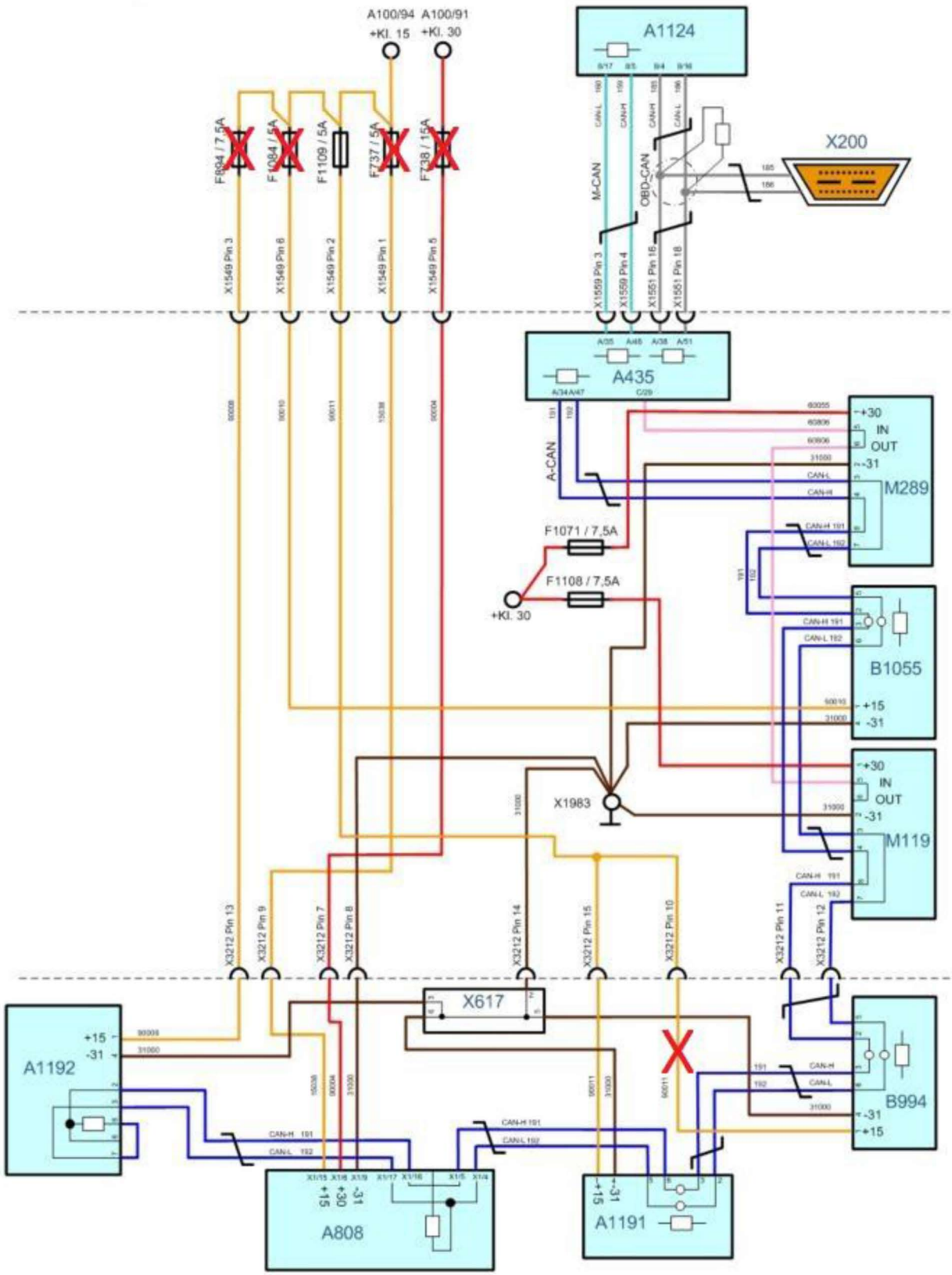


Socket of dosing module.



Socket of dosing module w/ connected emulator's line of CANbus

Connection diagram



Technical specifications

Property	Value
Power supply, V	8 .. 36
Power consumption in waiting mode, мА	5
Power consumption, мА	14
Cable length, мм	2500
Operating temperature, C	– 40 ... + 85
Storage temperature, C	– 40 ... + 85
Maximum relative humidity, %	95
Dimensions, мм	70 x 50 x 22
Weight, g	42
Box waterproof level	IP55