

AdBlue Emulator V4 EVO

Installation manual for Volvo FH4 EURO5

Attention! Always connect the ground cable first! Otherwise, you can burn the emulator module or damage the SCR / NOx module of the truck!

AdBlue Emulator V4 EVO FH4 EURO 5 is compatible only with Volvo FH4 EURO 5 trucks. This installation manual describes the whole process of AdBlue Emulator device installation on compatible Volvo FH4 EURO 5 vehicles. We highly recommend you to delete all DTC (Diagnostic Trouble Codes) errors from OBD (On-Board Diagnostics) system on your truck. The best option is to use the original Volvo diagnostic scanner. Also, it is recommended to check OBD system after installation of AdBlue Emulator module because there might be errors related to installation procedures.

AdBlue Emulator V4 EVO NOx installation steps

The best way to install the AdBlue Emulator V4 EVO FH4 EURO 5 is the protective tube of ACM (Selective Catalytic Reduction system) plug wires. The Selective Catalytic Reduction system control unit is located in the center of the truck frame on the middle bar next to the central control unit CCIOM. You need to connect several emulator wires to the ACM plug pins.

EMULATOR WIRE COLOR	EMULATOR WIRE FUNCTION	ACM PLUG PIN NUMBER	ACM WIRE COLOR
Black	Ground (-)	58	White (thick wire)
Green	A-CAN High	6	Yellow
Yellow	A-CAN Low	2	Green
White	CAN High	14	Yellow
Brown	CAN Low	10	Green

Now you need to cut the white-violet wire that goes to pin number 3 of the ACM plug. Connect the AdBlue Emulator red wire to the white-violet wire side that goes to the vehicle installation. Another side of the white-violet wire that goes to the plug of ACM must be connected to the purple wire of the emulator.

The yellow-green bicolor wire of the emulator is used to power up the exhaust NOx sensor. To override the exhaust NOx sensor you need to connect this yellow-green wire of the emulator and you can do it on NOx sensor plug pin 4 or CCIOM X1 plug pin 6. In both cases, the yellow-green emulator wire must be connected to one of those two plugs to power up the NOx sensor.

AdBlue Emulator V4 EVO FH4 EURO 5 controls

You can control the emulator from the truck BC (Bort Computer). Open the BC menu of the vehicle, select "Maintenance Operations", then select "Diagnostics" and "About ECU".

- To enable SCR system read the status of the control unit ACM twice within period of ten seconds.
- To enable the AdBlue Emulator read the status of the control unit ACM three times within period of ten seconds.

- To check out the status you need to read the status of ACM once and if you see the message “Error reading information” it means that emulator is active.

Attention! AdBlue emulators are illegal in some countries. You should check your local laws or laws of those countries that you might cross with your vehicle. AdBlue emulator alters SCR system thus makes the vehicle to produce higher exhaust gas emissions. EURO 6 and EURO 5 vehicles equipped with AdBlue emulator device will no longer match those EURO standards. Our AdBlue emulators designed for countries where environmental rules are less strict, and there are no requirements for vehicles to satisfy EURO 6 or EURO 5 regulations. By purchasing any AdBlue emulator, you assume full responsibility for the use of the device. It's your personal decision to use an emulator or not. We will not accept any liability for any consequences associated with usage of AdBlue emulator devices.