

## Installation Guide - Magic box

### Instructions prior to installation:

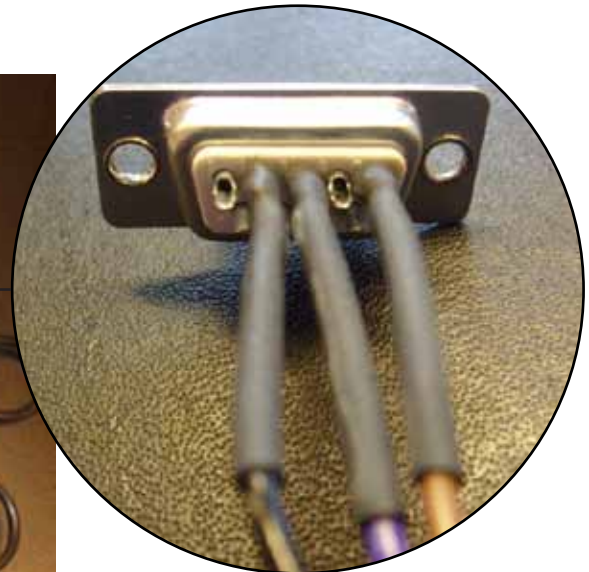
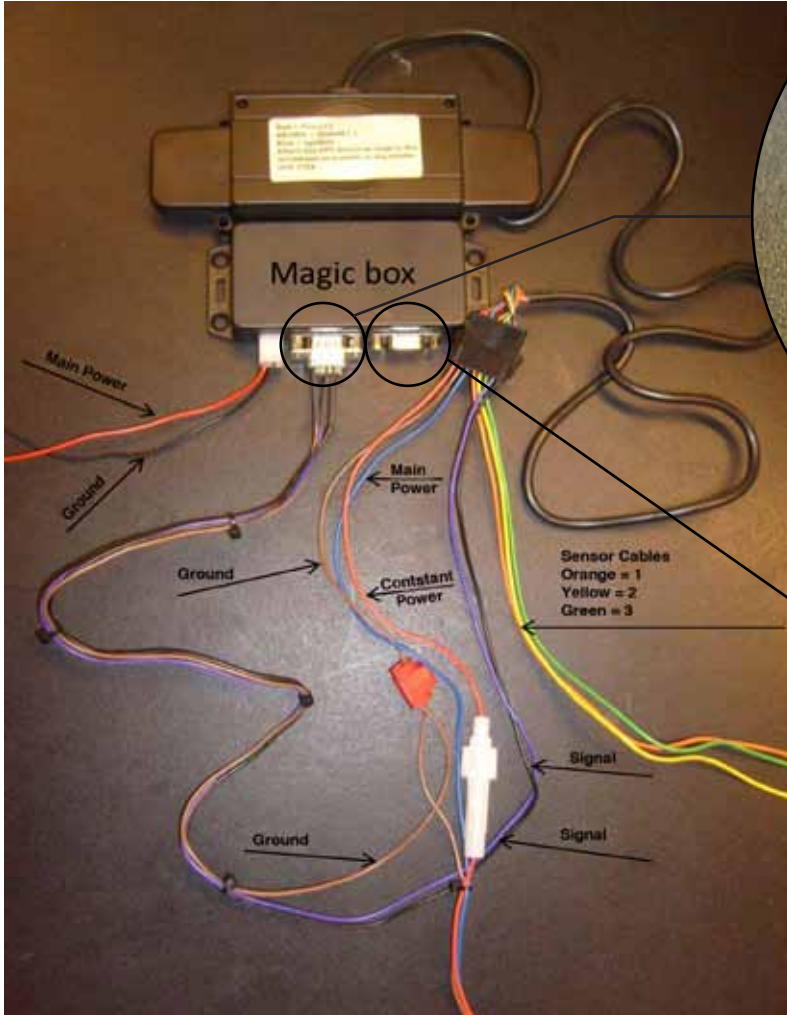
1. Reset the box by bridging TST on the box at least 10 seconds. Flash the box with the bootloader.
2. Connect the box to a computer with a hyper terminal and 57,600 baud rate with a null modem cable (crossover cable).
3. Send PING (Note: capital letters). It should then respond with a PONG. If it does not, it will not work out in the field either! Try to reset it again and flash with the bootloader until it works. If it does not work after a few attempts the box is defect.
4. **This is VERY important!** Measure pin 2 & 3 on the male connector that the STEPP III will be connected to. They have to give negative voltage that should be around -5 volts or nearby. If it produces positive voltage on any of the pins there might be either a soldering error or other failure of the box and if the SteppIII is connected it will lock up!

If all the above steps have been tested and works, the magic box is ready for installation.

### Instructions for installation:

- Connect ignition (plus pole) to the magic box and the contact piece "hole" closest to the comport where the STEPP III will be connected to.
- The second "hole" is plugged to ground.
- Make sure the red light inside the box is lit and make sure that both the box and STEPP III boots simultaneously, without the STEPP III unit locking up!
- After the above steps has been performed, call Viewserve customer support (+46 8 650 72 00) to verify that communication between the box and STEPP III and that the diffuser is submitting data.

## Wiring diagram Magic box



Soldering schedule serial port FOX to Magic Box:  
Pin 2 = TX Black, Pin 3 = RX Purple, pin 5 = Brown

Connecting "Falköping" to the  
Magic box with a serial cable female to male



### Support:

Viewserve AB

Email: [support@viewserve.com](mailto:support@viewserve.com)

Phone: +46 (0) 8 650 72 00

More information about Viewserve's  
products and services: [www.viewserve.com](http://www.viewserve.com)