

Installation D3/RRS EASY IPCU with the Altox Wbus-5

Please read the instruction, before you start installation.

Photos in this Instruction is from a Discovery 3 same procedure for the Range Rover sport my 2009

This Instruction is for cars with seat heating (*see without seat heating in the end of this instruction)

No soldering needed!!!

First disconnect Battery (remember to have a healthy battery)

Connect wiring to climate control system

The D3/RRS EASY IPCU is connected behind the climate control, you must first remove the cover around the center control

Pull out on the bottom of both sides, the panel a held by clips

--

Unscrew 4 torx screws for the climate control panel



Remove all 4 connectors behind Climate control system



--

Connect 4 connectors from IPCU wiring loom in the back of climate control system (All Connectors a different, so should be straight forward)



Connect then the 4 female connectors from cars wiring into male connectors from IPCU wiring loom

Drag the cable with the 7 pin connector in the wiring loom up to one of the sides near air blow out vents, the IPCU can easily be there



Connect the Climate control panel back with the 4 torx screws, be careful not to get any wires stuck, there is room for them behind climate control system

Connecting wiring to IPCU

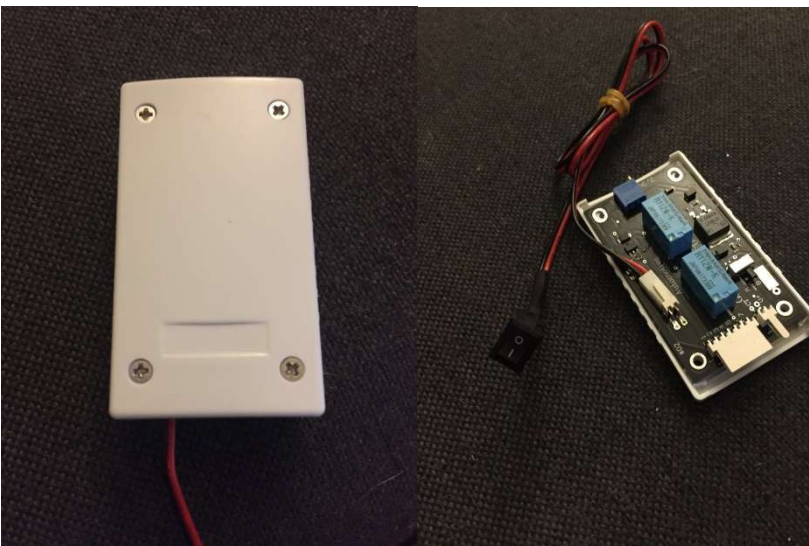
No need to open IPCU to set switch, as it is set to B from factory (Altox Setting)



This is picture from inside the D3/RRS EASY IPCU, just to show switch

If you want summer switch in glove compartment, you can open IPCU by 4 screws and unplug cable for summer switch, drag connecter from glove compartment down to the IPCU, connect it back, put IPCU back together (the reason is only to make a smaller hole in glove compartment), you can also leave it next to the IPCU, only need to switch it a few times a year, and easy to remove center panel

1 = summer / 0 = winter on switch



No need to open it up, unless you want to put summer/winter switch else where

Connect the 2 pin connector with the Yellow and white wire to the IPCU



Connect the 7 pin connector in wiring loom to the IPCU



--

Connect the yellow to yellow wire, white to white wire from IPCU to ALTOX WBUS-5 (use the cable shoes)

--

Connect battery

Setting up the fan speed

If winter time, set winter switch on 0, turn ignition on, you will hear the flaps turning to selected position and air comes out, turn ignition off, wait for car to turn off completely (a few minutes)

Look in app for Altox, Locate heater temperature, set "LTEMP1:##" 10 degrees above heater temperature.

If heater temperature in app read 7 degrees, set startup temperature to 17 degrees, text "LTEMP1:17" to your Altox WBUS-5

Then press start on ALTOX APP

Wait til heater reached your set temperature, you will hear a small click and fans will start to blow

Use a small screwdriver to turn fan speed up or down on the potentiometer located behind the small hole



We will recommend you set speed between level between 1 and 2 when using temperature controlled/Delayed startup.

You can always set speed up and down, if you want more fan speed later

When done with testing speed, press off in ALTOX APP

Then set up, the startup time by coolant temperature, we recommend between 40-50 degrees

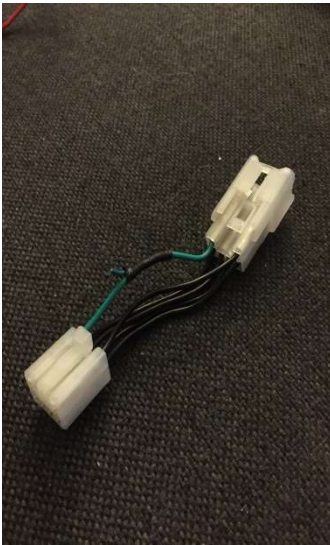
Send "LTEMP1:50" to get a startup at 50 degrees

CALIBRATION OF THE FLAPS

The interruption of the LIN bus unfortunately has an unpleasant consequence. When the ignition is switched on, the control unit detects that the flaps are not in the intended, closed position and recalibrates them. This takes several seconds. This is the reason why the fan does not run in the first few seconds and the defrost indicator lights up. Incidentally, the calibration of the flaps is performed automatically every 175 hours of vehicle life.

Only for cars without seat heating

- * If your car is without seat heating, you need to cut the connector with green wire off and take the green wire connect that to 12V+ ignition at cigarette outlet or AUX 12v+ outlet



You need to remove the center console with gear leaver to get to the Cigarette and AUX 12v+