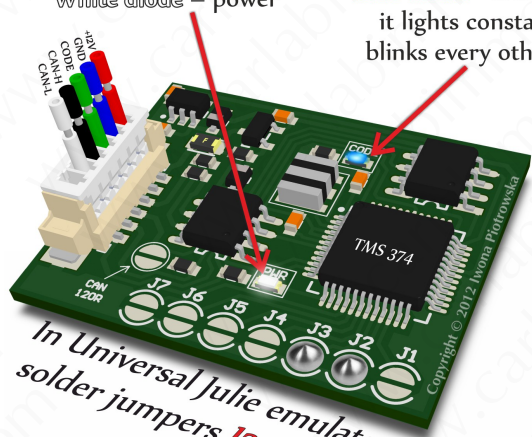# TMS 374 IMMO EMULATOR

White diode – power

Blue diode – after adjusting it lights constantly and blinks every other second

In Universal Julie emulator solder jumpers J2 and J3

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SOLD AS UNIVERSAL *JULIE* EMULATOR

EMULATOR'S POWER +5V
Use

Renault ECU with TMS374 processor

- Siemens Fenix 5
- Sagem Safir 1
- Sagem Safir 2

Citroen, Peugeot ECU with TMS374 processor

- Sagem SL96
- Magnetti Marelli 1AP20, 1AP40, 1AP41, 1AP43, 1AP80, 1AP81, 1AP83, 1AP90

Volvo with TMS374 processor

- Siemens Fenix 5
  (Volvo V40/S40 1,8i 1996-1999 ECU S113727100C_VOLVO, 30850998-01)
- Siemens (Volvo V40/S40 1,8i 1996 ECU S113716100C, HOM7700860924)

Before removing immo, cut the immo cable off the ECU plug

Sagem SL96 - pin 48
Magnetti Marelli 1AP - pin 48 and 27
Fenix5 1.4 and 1.6 - pin 37**, 1.8 and 2.0 -** pin 35
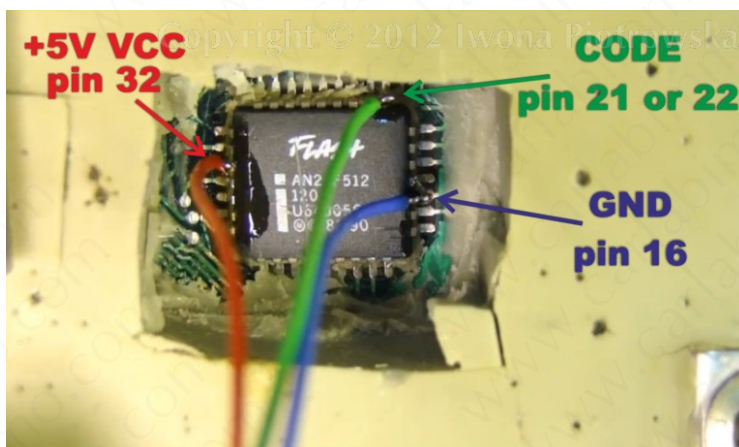**Sagem Safir1 35-pins -** pin 30
Sagem Safir2 55-pins - pin 37
Siemens Fenix 5 S113727100C – Volvo 1.8 55 pins - pin 35
Siemens S113716100C – Volvo 1.8 55 pins - pin 35
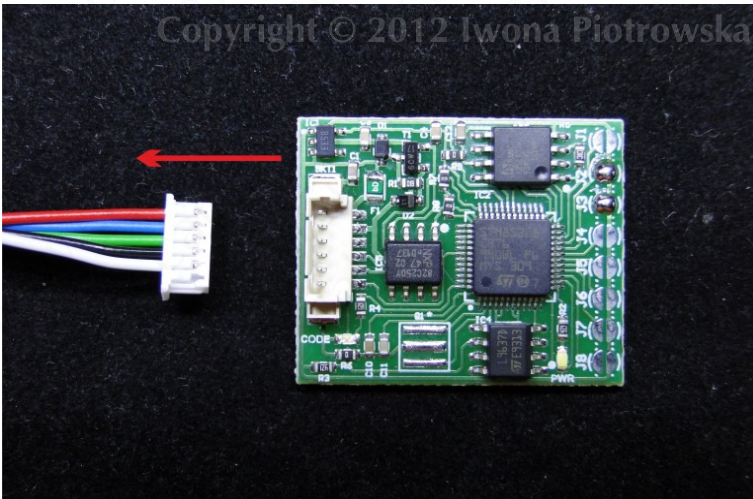
IMMO REMOVAL PROCEDURE

After cutting the immo cable off, find pin 22 **of 28F512 or 29F010 flash or** pin 21 **of 27C512 or 29C512 eeprom in ECU. Solder green wire onto either of the pins depending on memory type. Solder GND onto pin 16 and solder power supply +5V VCC onto pin 32.**

Turn the ignition on for one minute

Then, turn the ignition off and wait 5 seconds. Next turn the ignition on and wait 5 seconds (repeat this action 7 times)
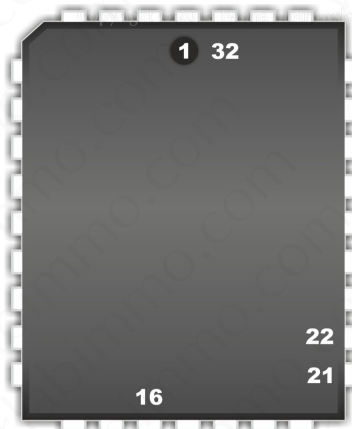
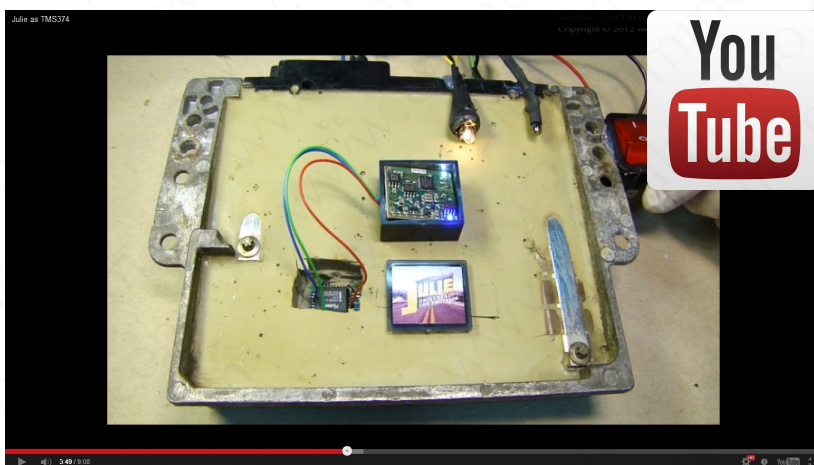**Disconnect the plug from emulator and check if car starts.**

If you have a problem with removing immo from the ECU

– disconnect „minus" battery for approx. 30 seconds before starting this procedure again,

– during the procedure turn the starter several times

PINOUT IN MEMORY

If you still have any problems with removing immo please watch the instructional video

Warning!!!

Due to possible construction changes of cars, check signals with multimeter in the ECU plug.

www.carlabimmo.com

Last updated 12.11.2014