

**Diagnostic device
Immobilizer emulator**

i12- Immobilizer Emulator Fiat without CAN



1. Product description:

This device emulate an immobilizer data stream to the ecu. It is meant to be used as diagnostic device during car repairs in car workshops.

In order to properly work of emulator, there is need to modify eprom and flash memory for some kinds of controllers.

2. Supported controllers

Car	ECU	Details
Fiat	- Bosch 0 281 010 488 - Bosch 0 281 001 879 - IAW 49F - IAW 4AF	Ducato, Boxer, Jumper Multipla Marea, Bravo Panda, Seicento
Lancia	- Bosch Motronic	Kappa

3. Wire marks in emulator

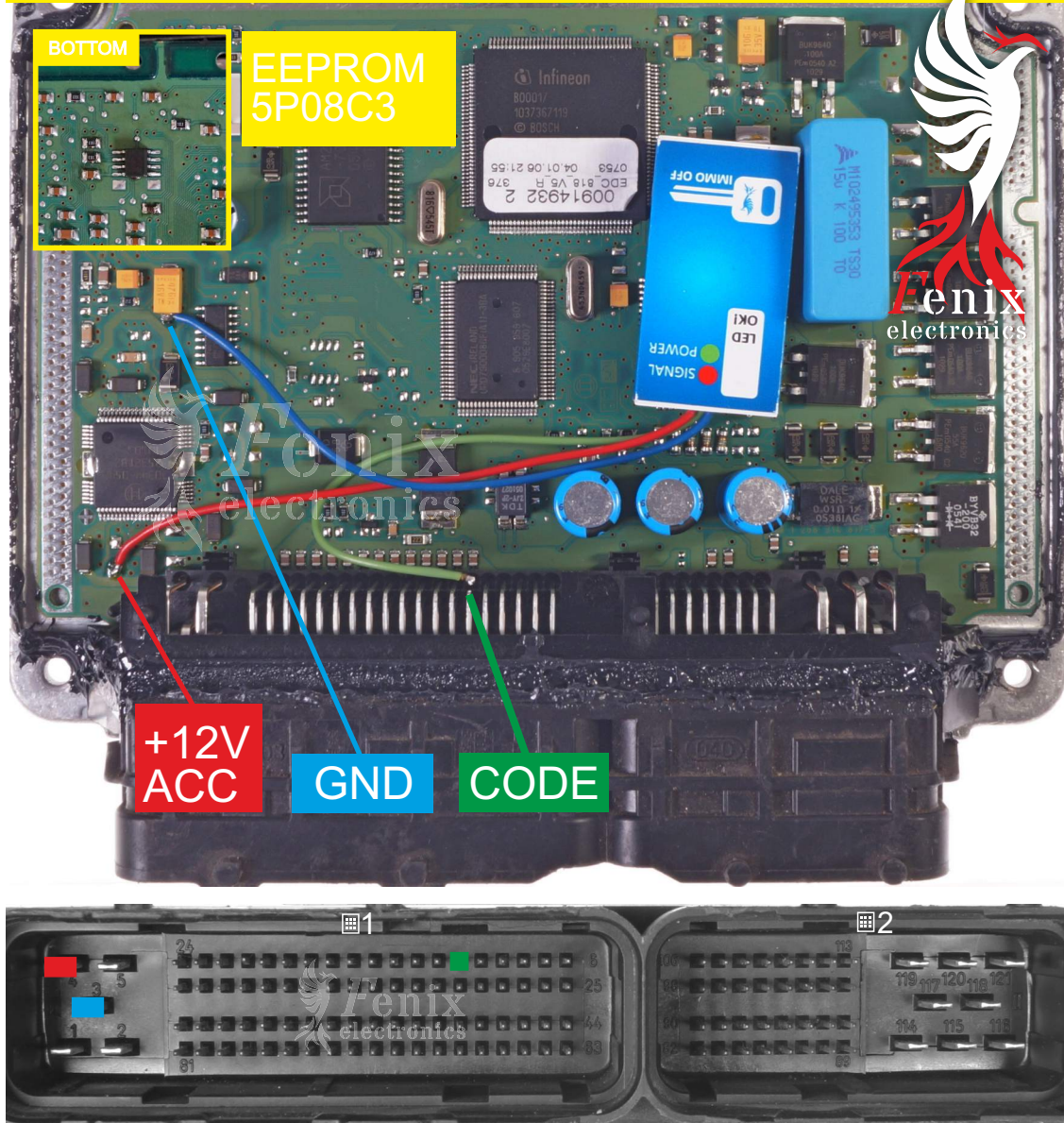
Red	Red	+12V ACC
Blue	Blue	GND
Green	Green	CODE

4. LED diodes colors in emulator

Green		Emulator supply
RED		Emulator have been fitted to ECU

5. Connecting emulator to the installation:

Fiat, immo Bosch 0 281 010 488 - Ducato, Boxer, Jumper

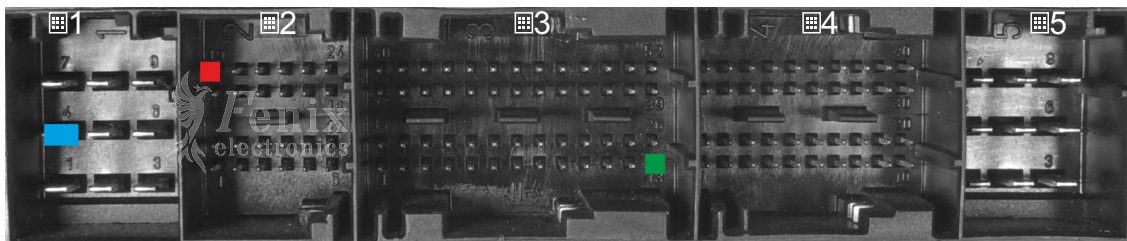
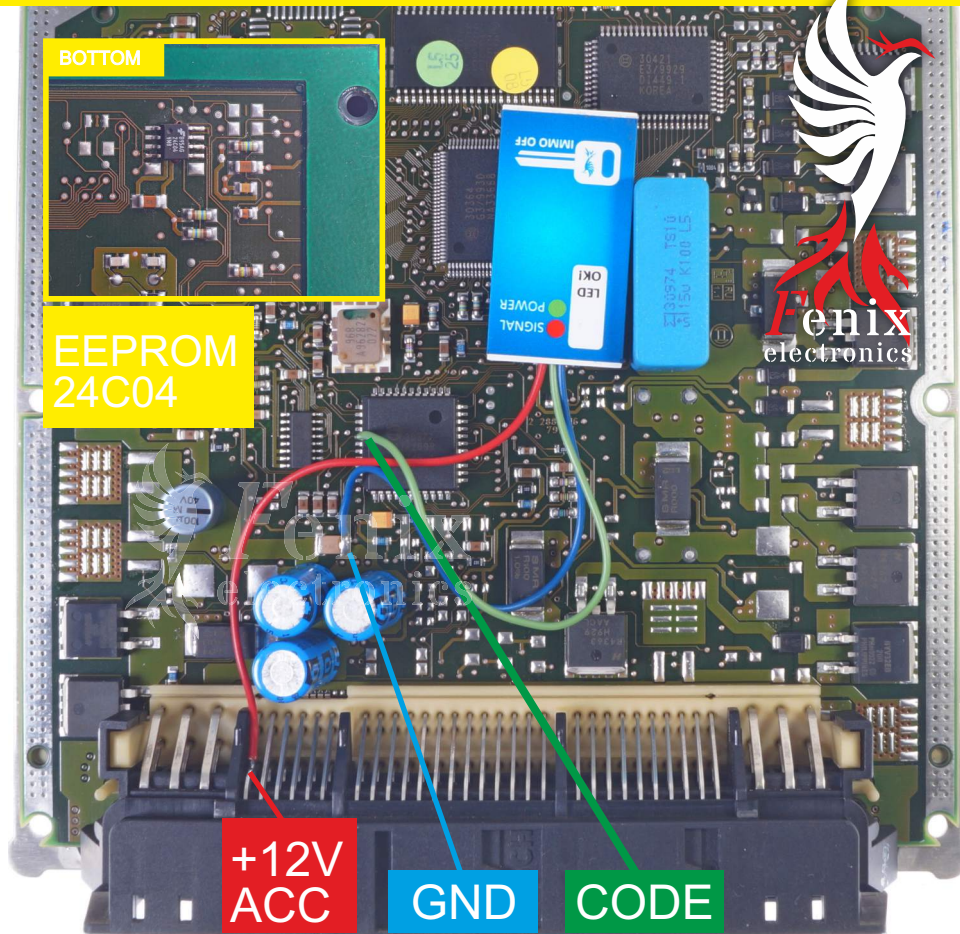


+12V -4 1 GND -3 1 CODE -11 1

Make changes to the ECU memory
using the Fenix_IBP application

Disconnect CODE line from plug !!

Fiat, immo Bosch 0 281 001 879 - Multipla

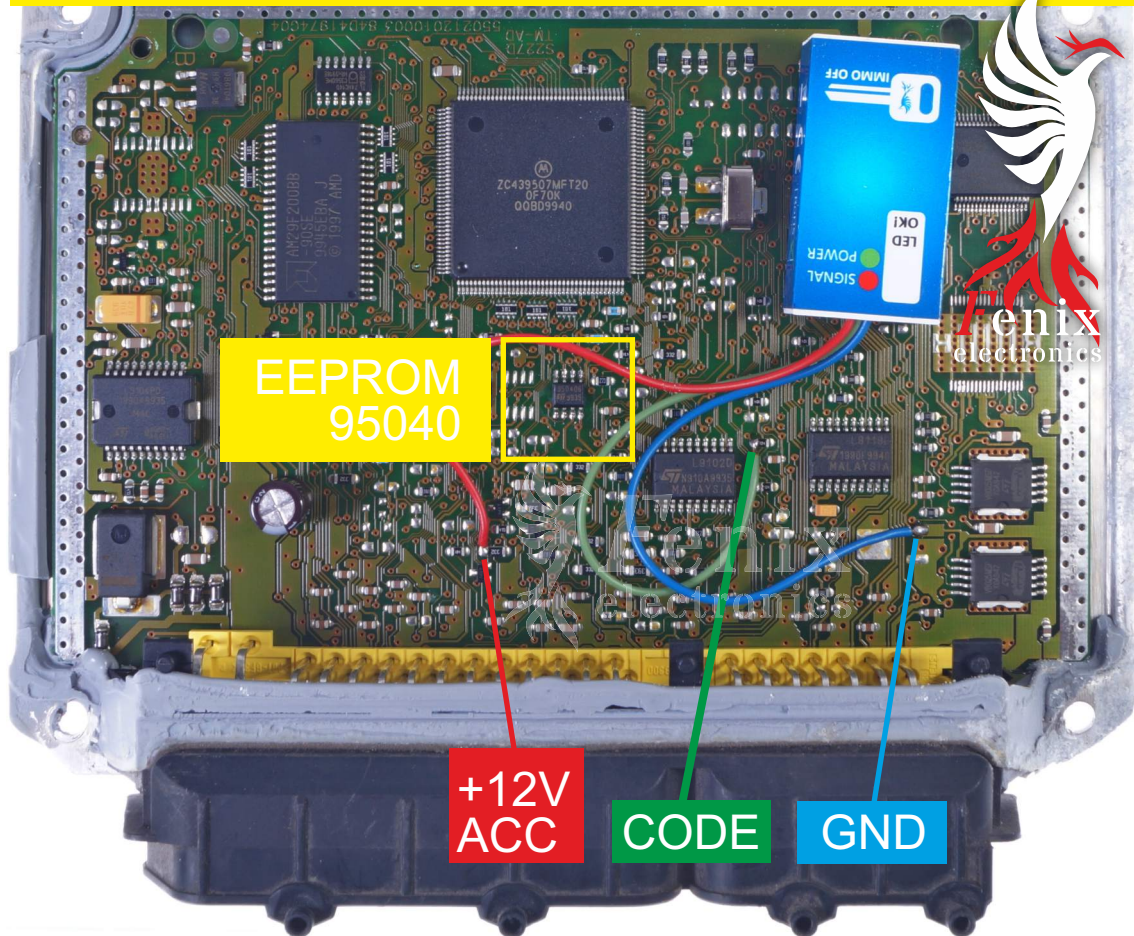


+12V -19 2 GND -4 1 CODE -13 3

Make changes to the ECU memory
using the Fenix_IBP application

Disconnect CODE line from plug !!

Fiat, immo IAW 49F - Marea, Bravo

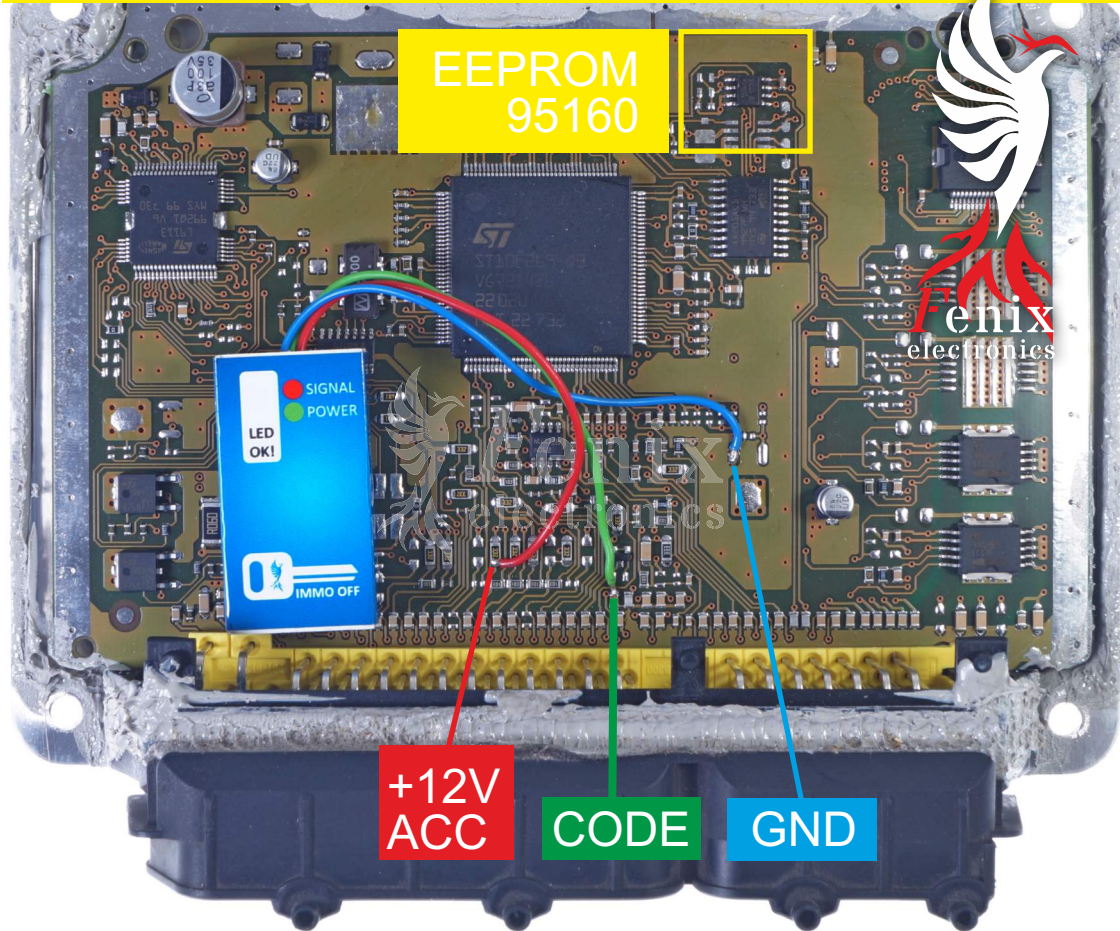


+12V	•47	1	GND	•27	1	CODE	•13	1
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Make changes to the ECU memory
using the Fenix_IBP application

Disconnect CODE line from plug !!

Fiat, immo IAW 4AF - Panda, Seicento

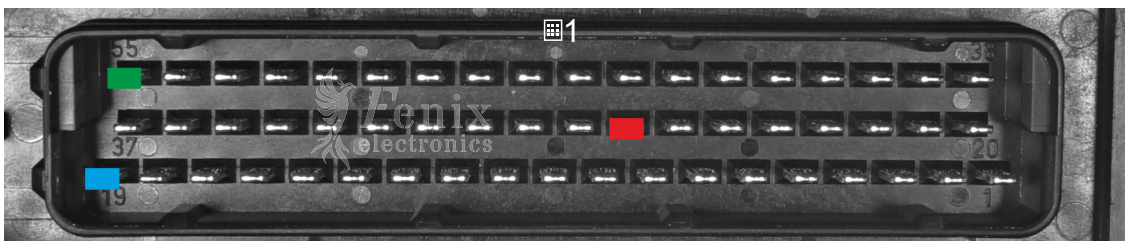
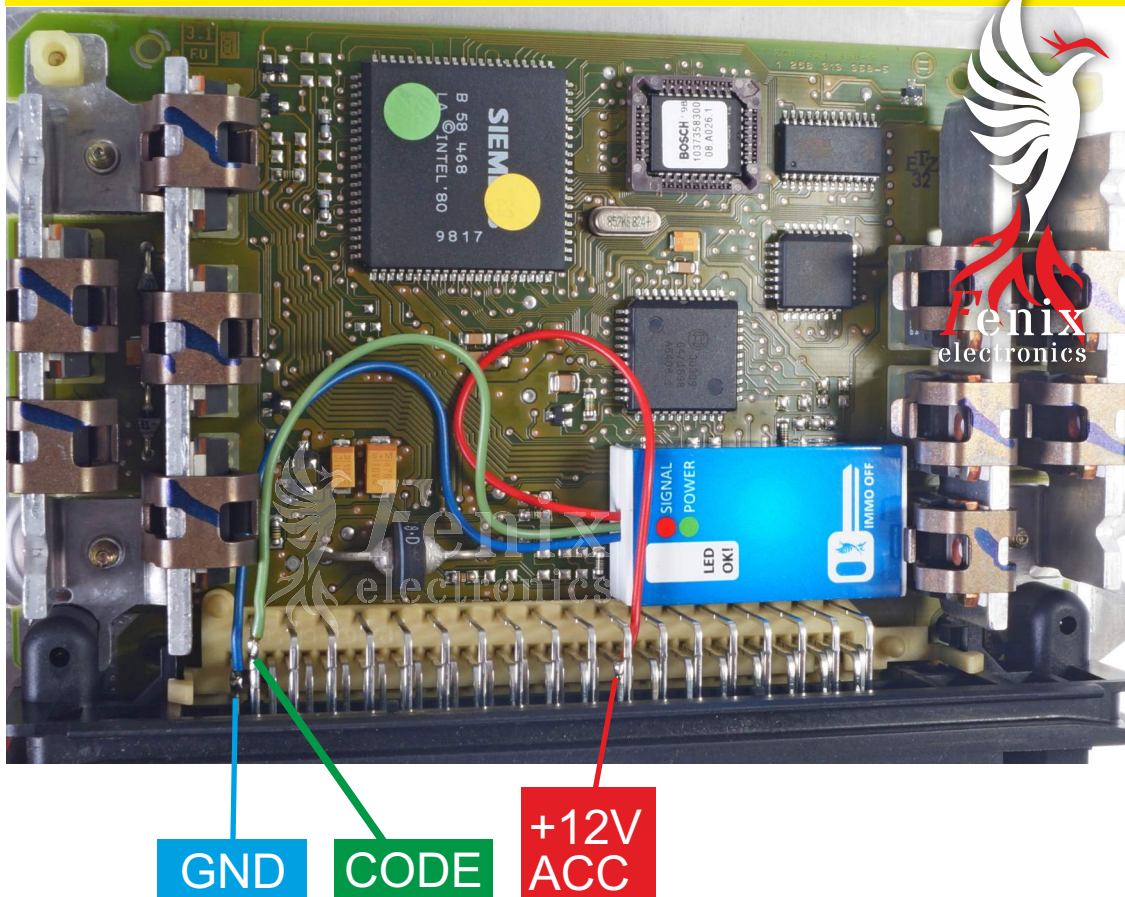


+12V	•47	1	GND	•27	1	CODE	•13	1
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Make changes to the ECU memory
using the Fenix_IBP application

Disconnect CODE line from plug !!

Fiat, immo Bosch Motronic - Lancia Kappa



+12V · 27 1 GND · 19 1 CODE · 55 1

Disconnect CODE line from plug !!