

Diagnostic device
Immobilizer Emulator

i14- Immobilizer Emulator PSA with CAN

Citroen , Peugeot



Update 28.05.2020



1. Device description:

This device simulates immobilizer work in car. It is meant to be used as diagnostic device during car repairs in car workshops. Read of eeprom, flash memory is required for proper work of emulator. Applying the emulator will no delete immobilizer damage message after car ignition is on. The message will disappear after turning engine on.

2. Supported controllers:

Described in manual:

Bosch EDC16C34	Siemens SID806
Bosch EDC17C10	Continental SID 807
Bosch MEV17.4.2	Valeo J34P
Delphi DCM3.4	Sagem S2000

Others, supported by Fenix IBP application:

Bosch MEV17.4, Bosch ME7.4.5, Bosch ME7.4.4, Bosch ME7.4.4, Bosch ME7.4.6, Bosch ME7.4.7, Delphi DCM3.5, Magneti Marelli IAW 6LP, Magneti Marelli IAW 48P2, Siemens SID201, Siemens SID803/SID803A, Siemens SID804, Valeo V34.1/V34.3, Valeo V46.11, Bosch EDC15C2, Siemens SID802, Bosch EDC17C60, Delphi, DCM6.2A, Delphi DCM6.2C, Valeo VD46.1

3. Wire marks in emulator

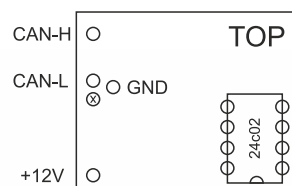
Red	+12V ACC
Blue	GND
Black	CAN-H
White	CAN-L

4. LED diodes colours in emulator

Green	Emulator power supply
Red	Emulator has been fitted to ECU

5. Connecting emulator to the controller:

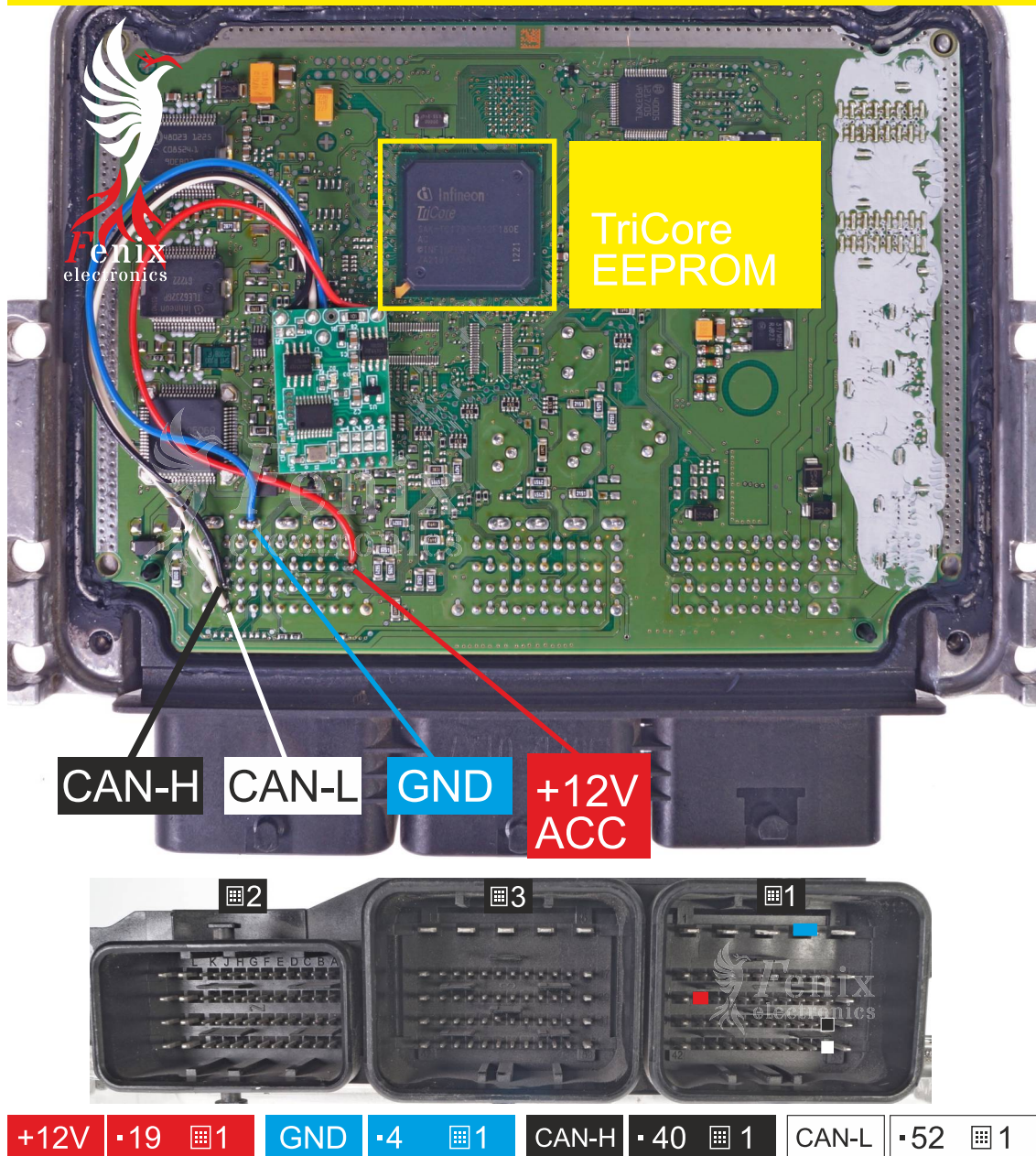
- Read ECU controller memory, save batch to file
- Generate new batch file based on batch read from ECU – use Fenix IBP application
- Load new batch file generated by application to 24c02 eeprom memory in emulator
- Solder memory with new batch loaded to emulator



- Assembly emulator in ECU controller

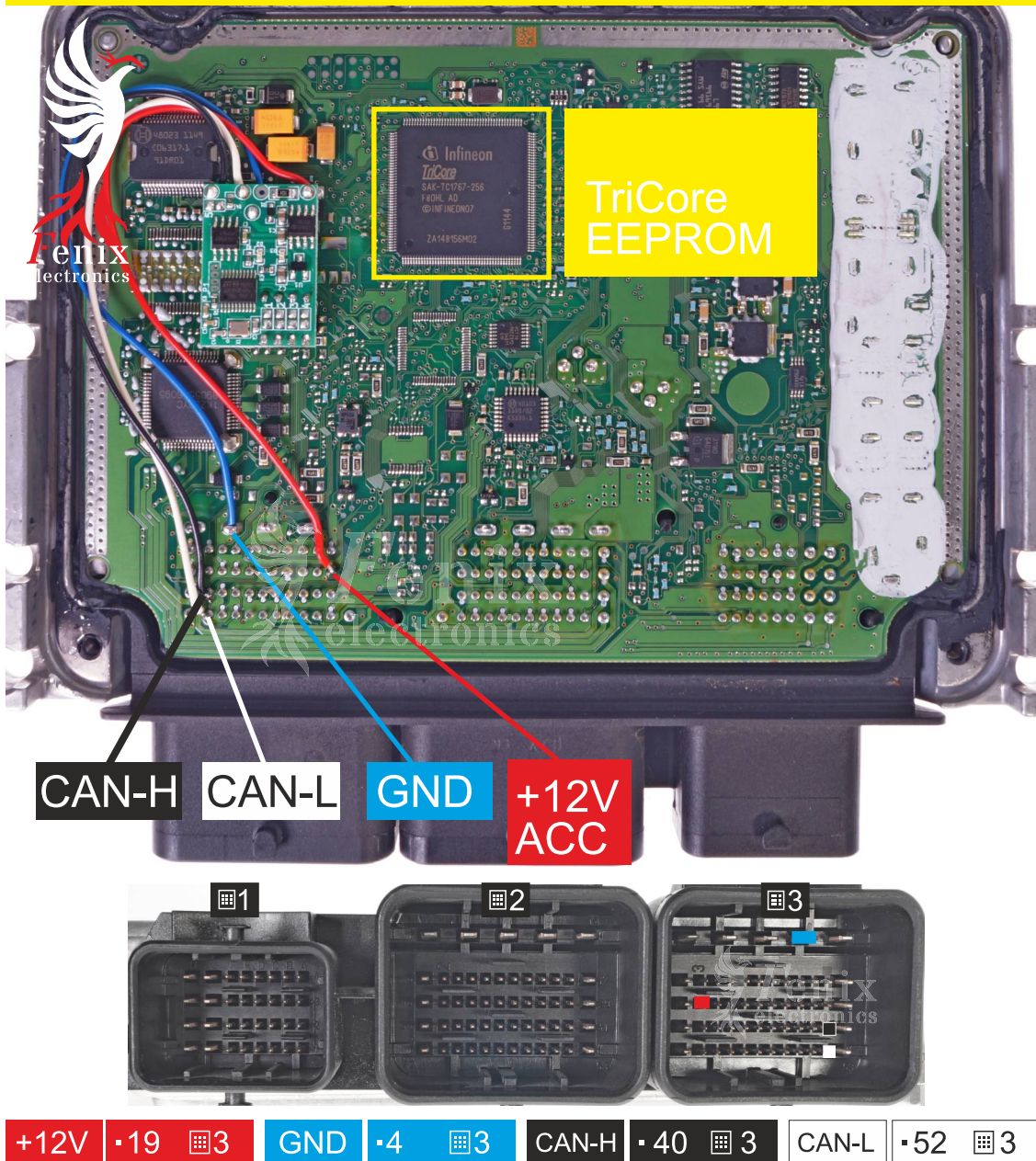
Examples of assembly methods for different ECU can be found below:

Peugeot, immo Bosch EDC17C10



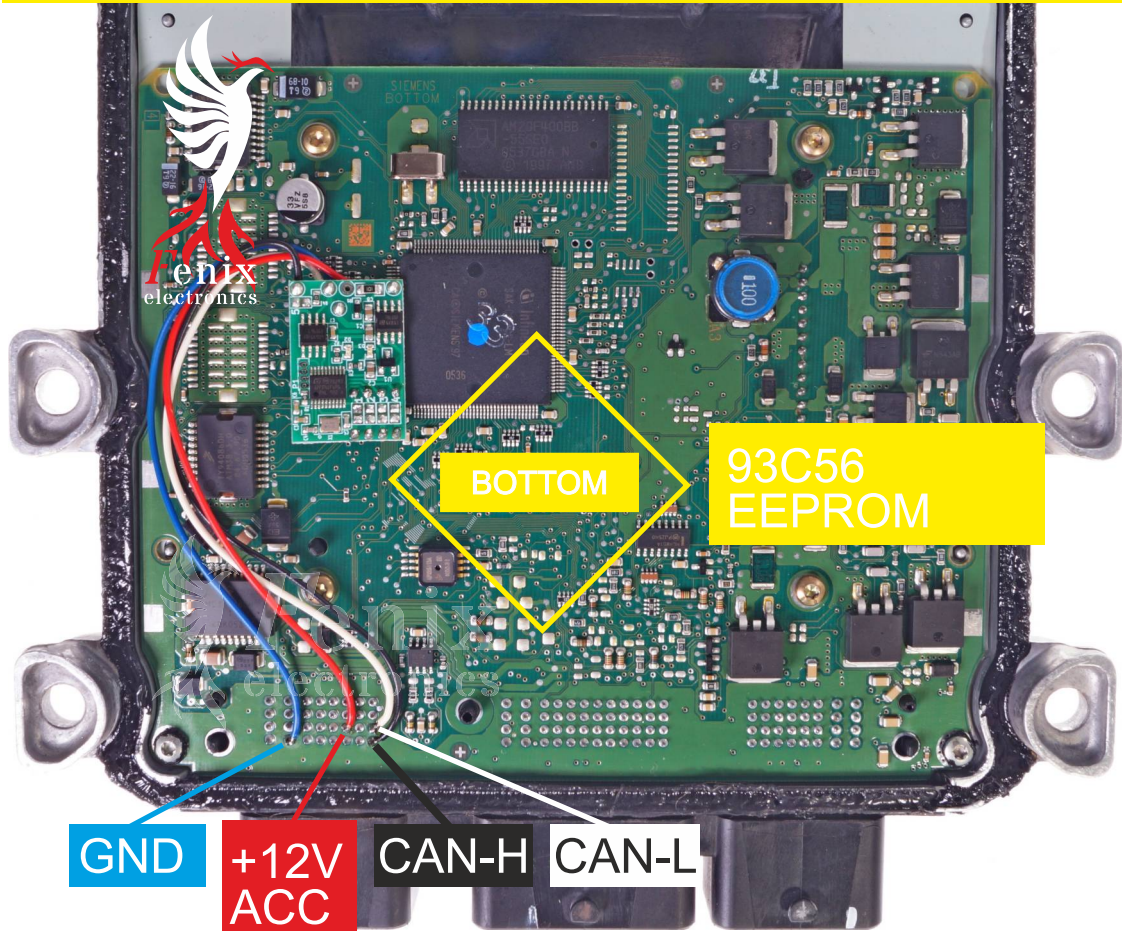
Make changes to the ECU memory using the Fenix_IBP application
 Proceed as described in point 5 of the manual.

Peugeot, immo Bosch MEV17.4.2



Make changes to the ECU memory using the Fenix_IBP application
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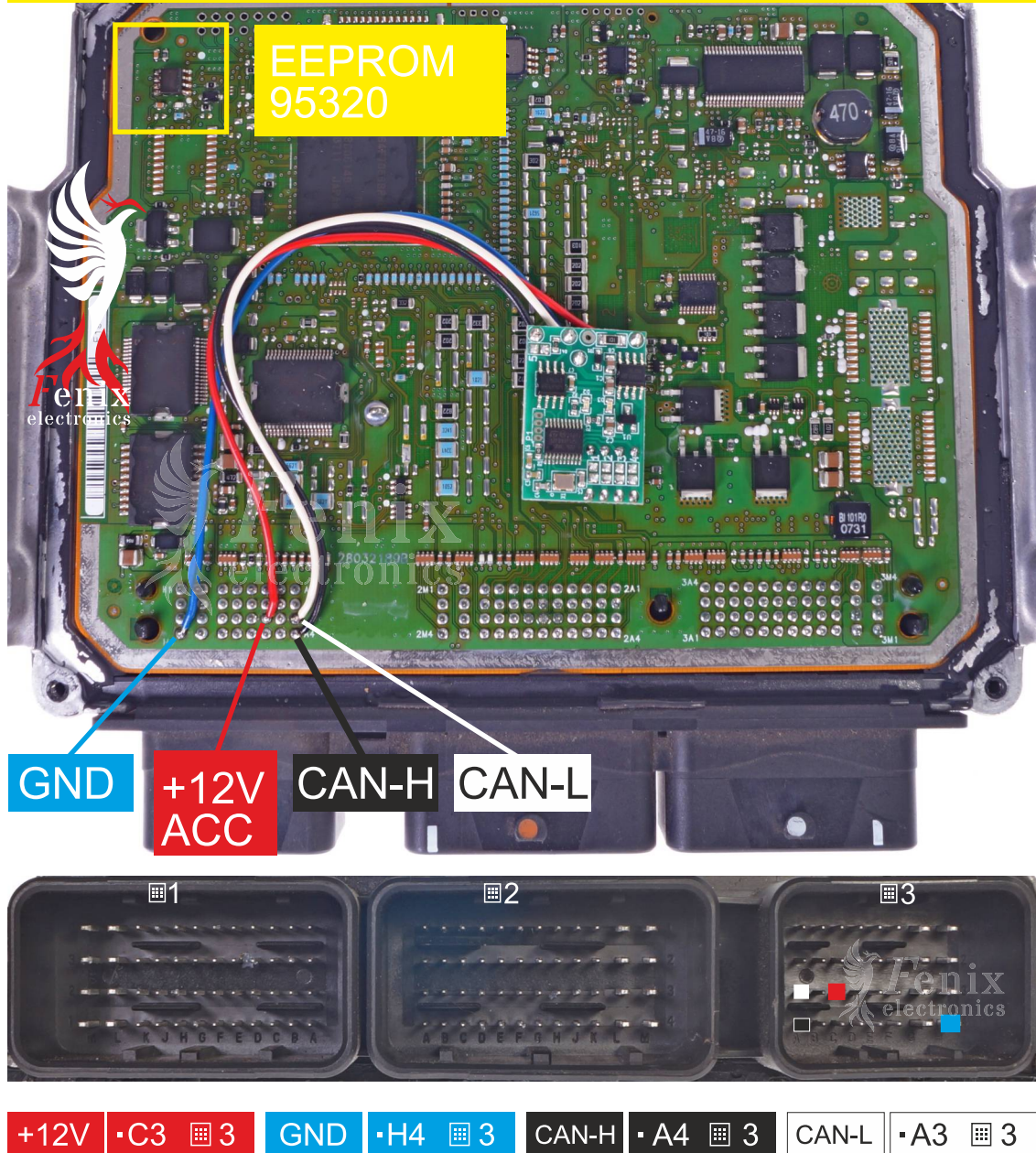
Peugeot, immo Siemens SID806



+12V	•C3	3	GND	•G4	3	CAN-H	•A4	3	CAN-L	•A3	3
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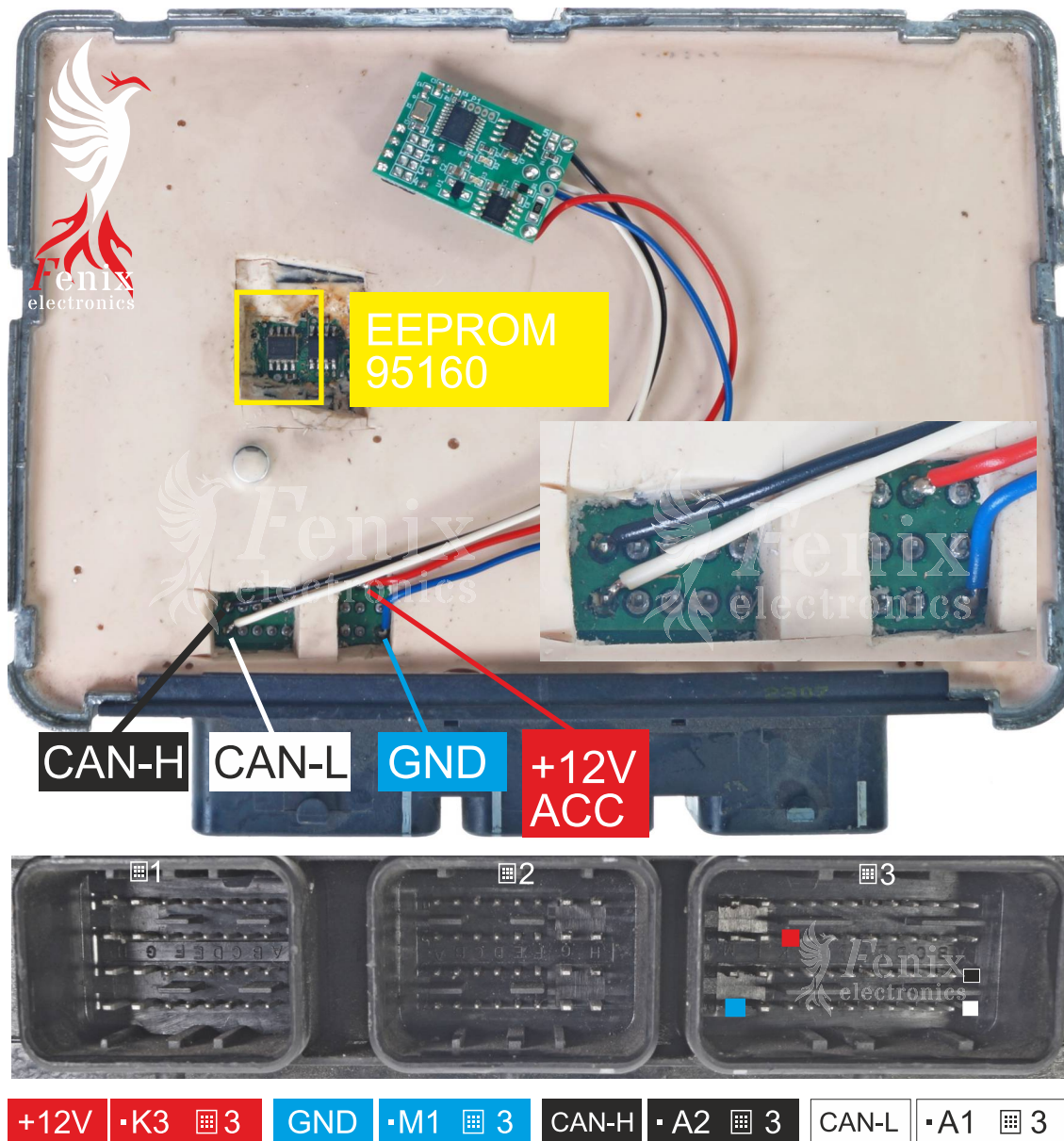
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Peugeot, immo Delphi DCM3.4



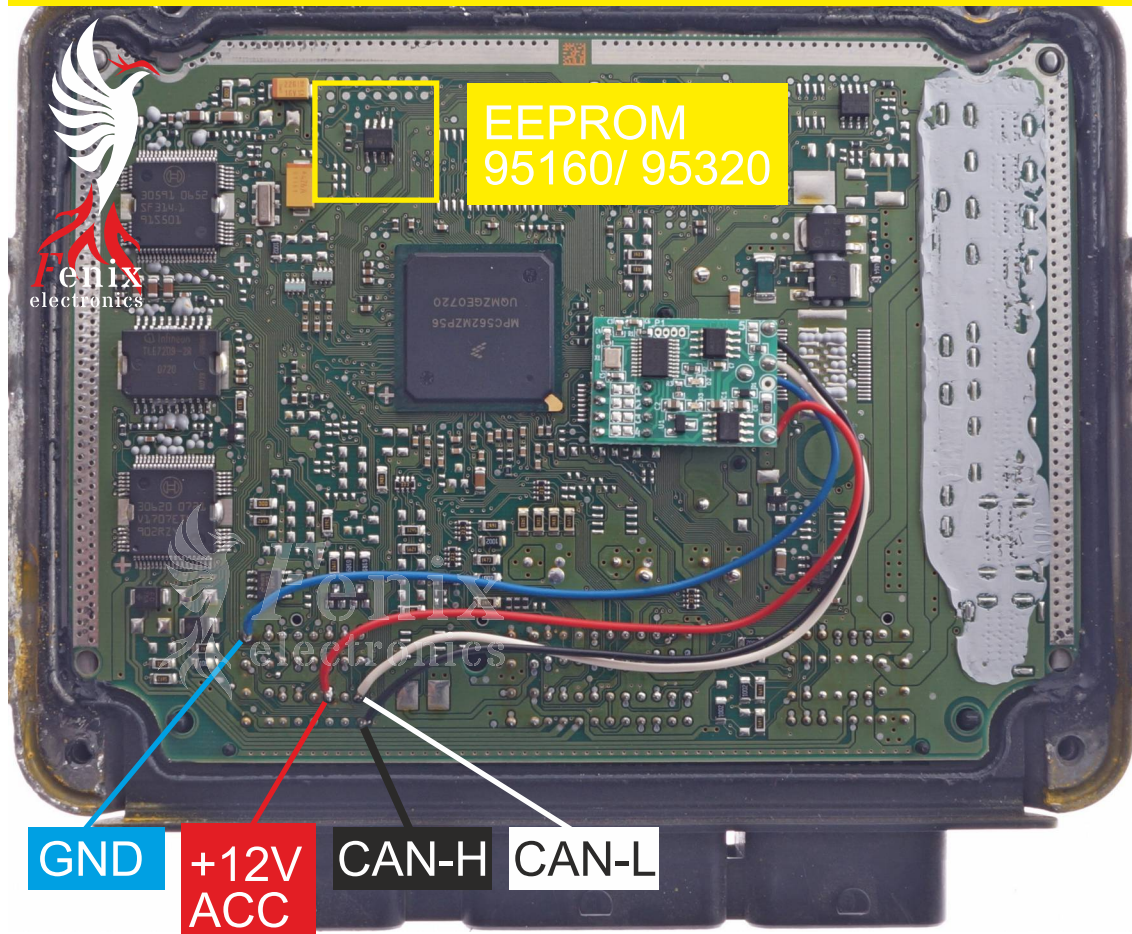
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Peugeot, immo Valeo J34P



Make changes to the ECU memory using the Fenix_IBP application
 Proceed as described in point 5 of the manual.

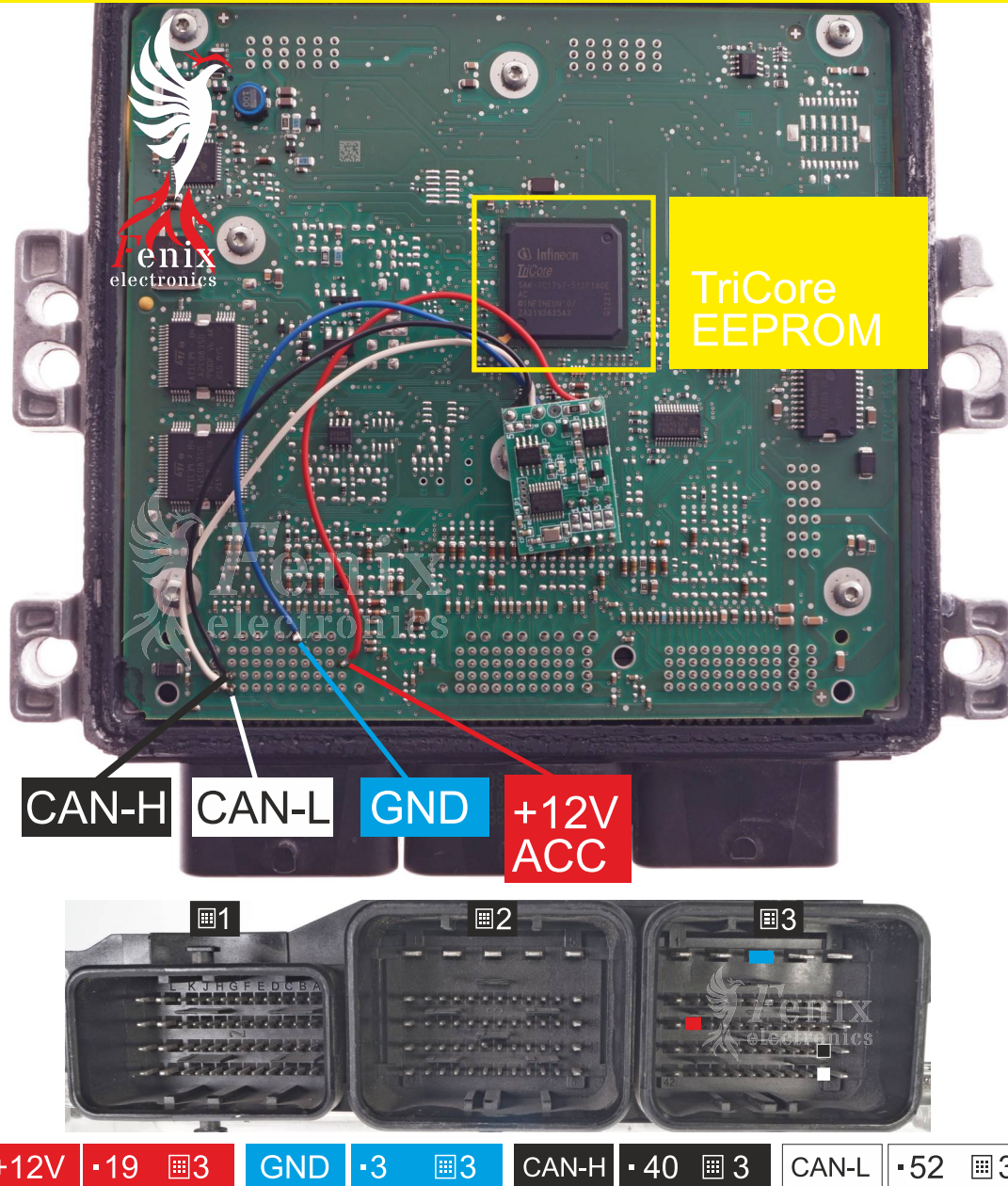
Peugeot, immo Bosch EDC16C34



+12V	•C3	3	GND	•H1	3	CAN-H	•A4	1	CAN-L	•A3	1
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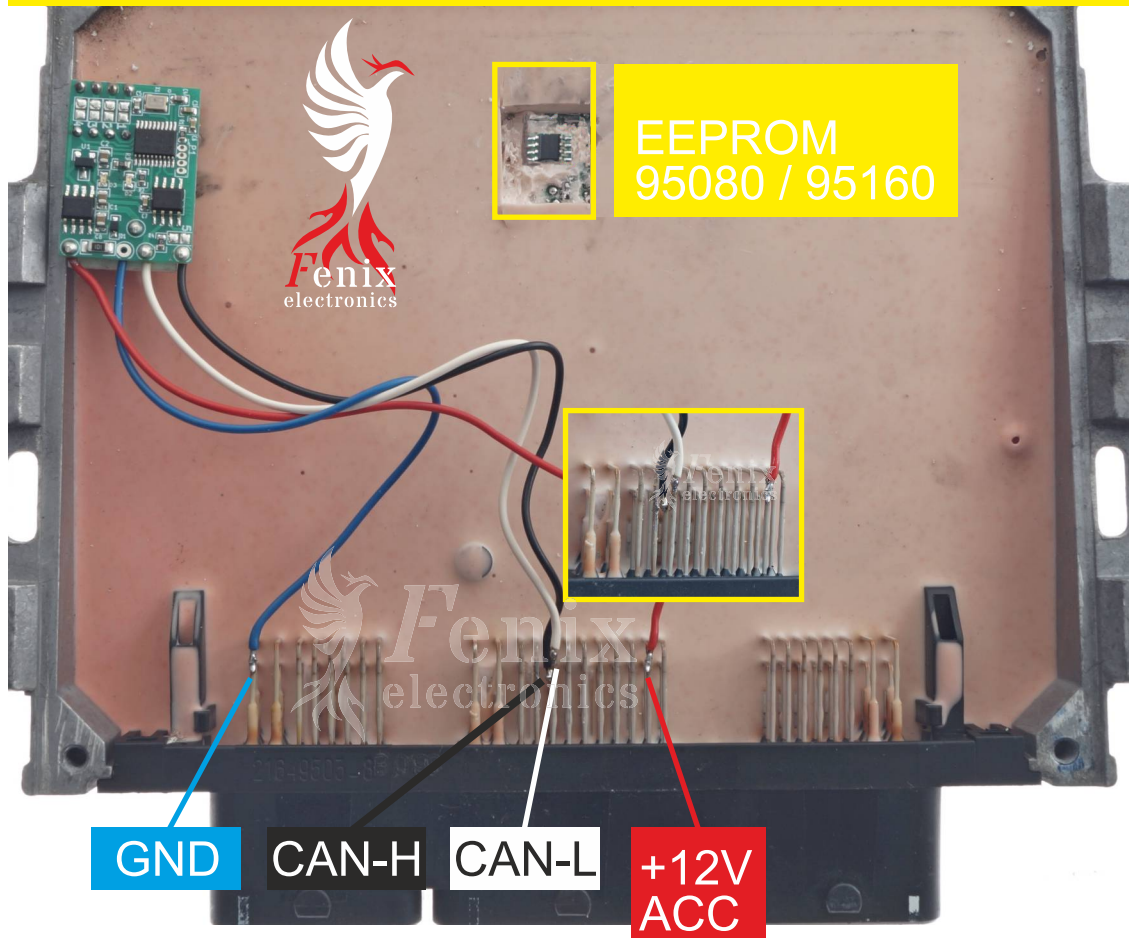
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 Proceed as described in point 5 of the manual.

Peugeot, immo Continental SID 807



Make changes to the ECU memory using the Fenix_IBP application
 Proceed as described in point 5 of the manual.

Peugeot, immo Sagem S2000



+12V	•B4	2	GND	•H4	3	CAN-H	•H3	2	CAN-L	•H4	2
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