Solucionesairbag S:L.
Paseo de los Olivos, 35
28935 Mostoles, Madrid

Diagnostic device

Immobilizer Emulator

Todos los emuladores son de uso profesional, para realizar pruebas y diagnosis.

i14- Immobilizer Emulator PSA with CAN

Citroen , Peugeot

Update 28.05.2020

CE RoHS

i14- Immobilizer Emulator PSA with CAN

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 eprom, 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

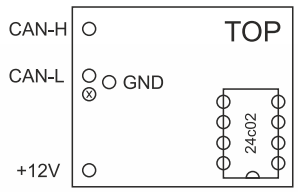
5. Connecting emulator to the controller:

· 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

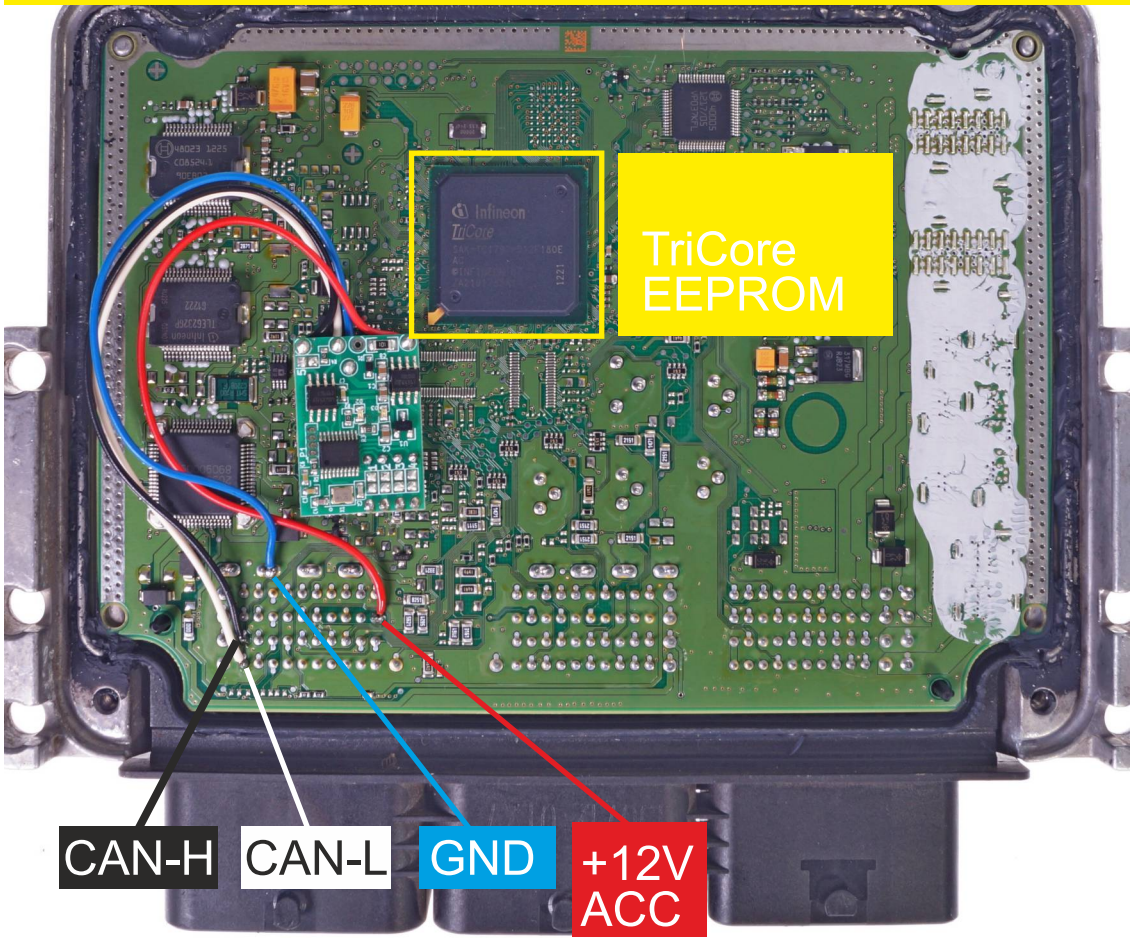
· Solder memory with new batch loaded to emulator



· Assembly emulator in ECU controller

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

Peugeot, immo Bosch EDC17C10

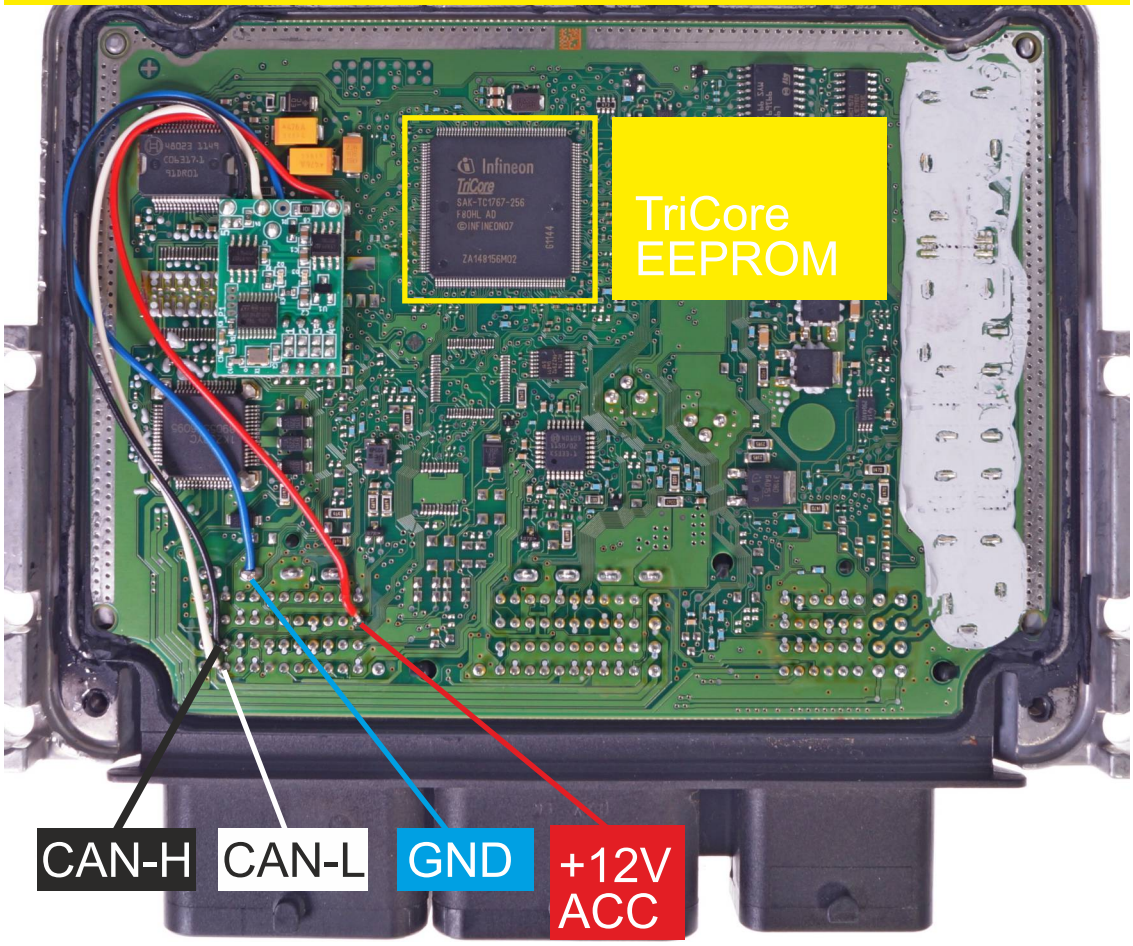


+12V	19	1	GND	4	1	CAN-H	40	1	CAN-L	52	1

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

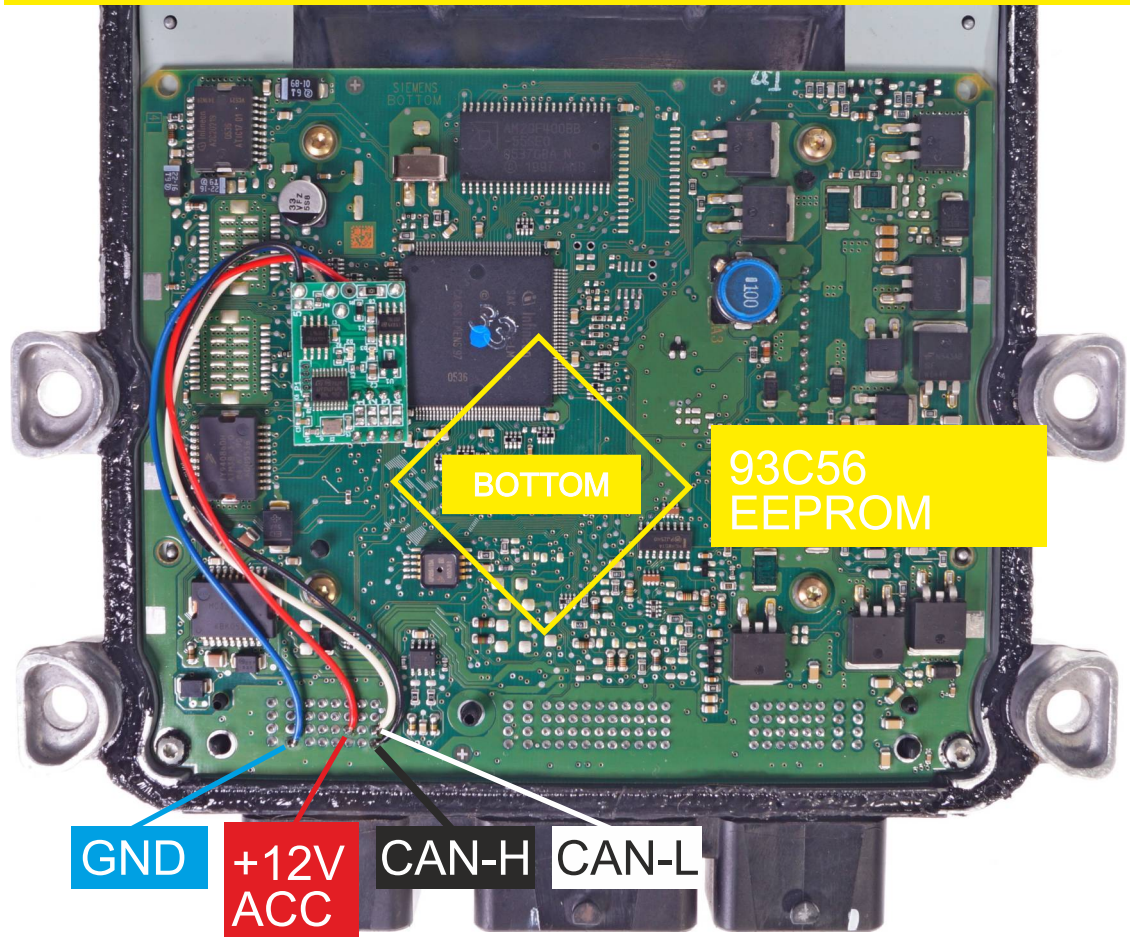


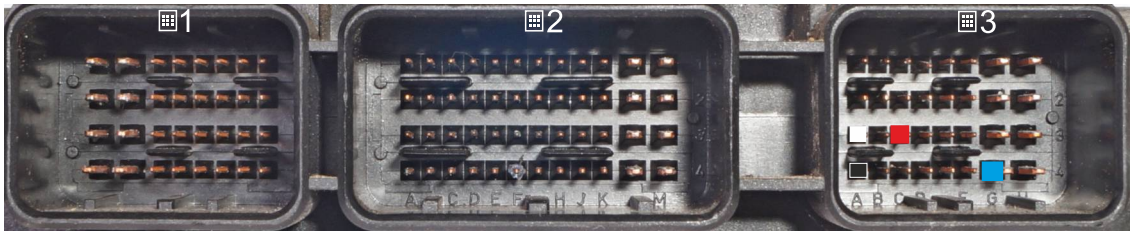
+12V	19	3	GND	4	3	CAN-H	40	3	CAN-L	52	3

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.

Peugeot, immo Siemens SID806



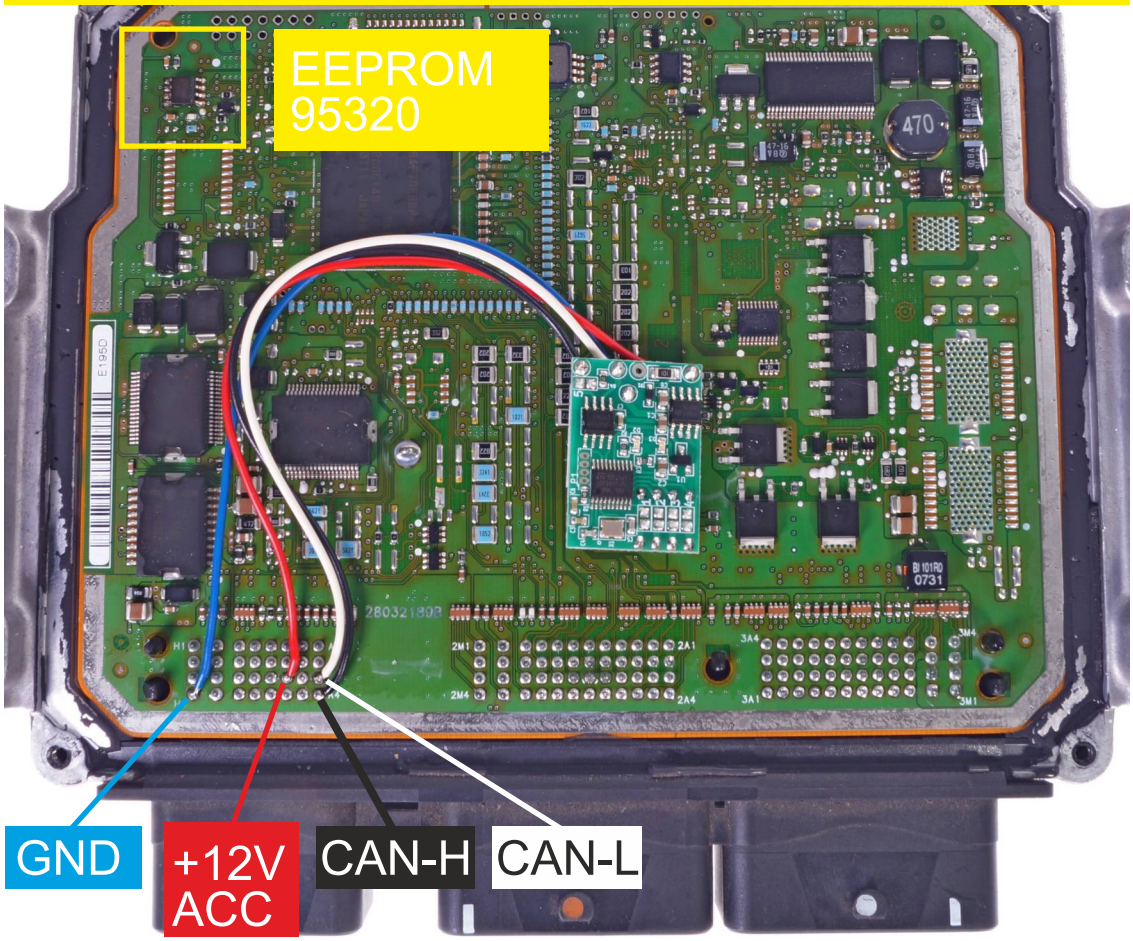


+12V	C3 3	GND	G4 3	CAN-H	A4 3	CAN-L	A3 3

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.

Peugeot, immo Delphi DCM3.4

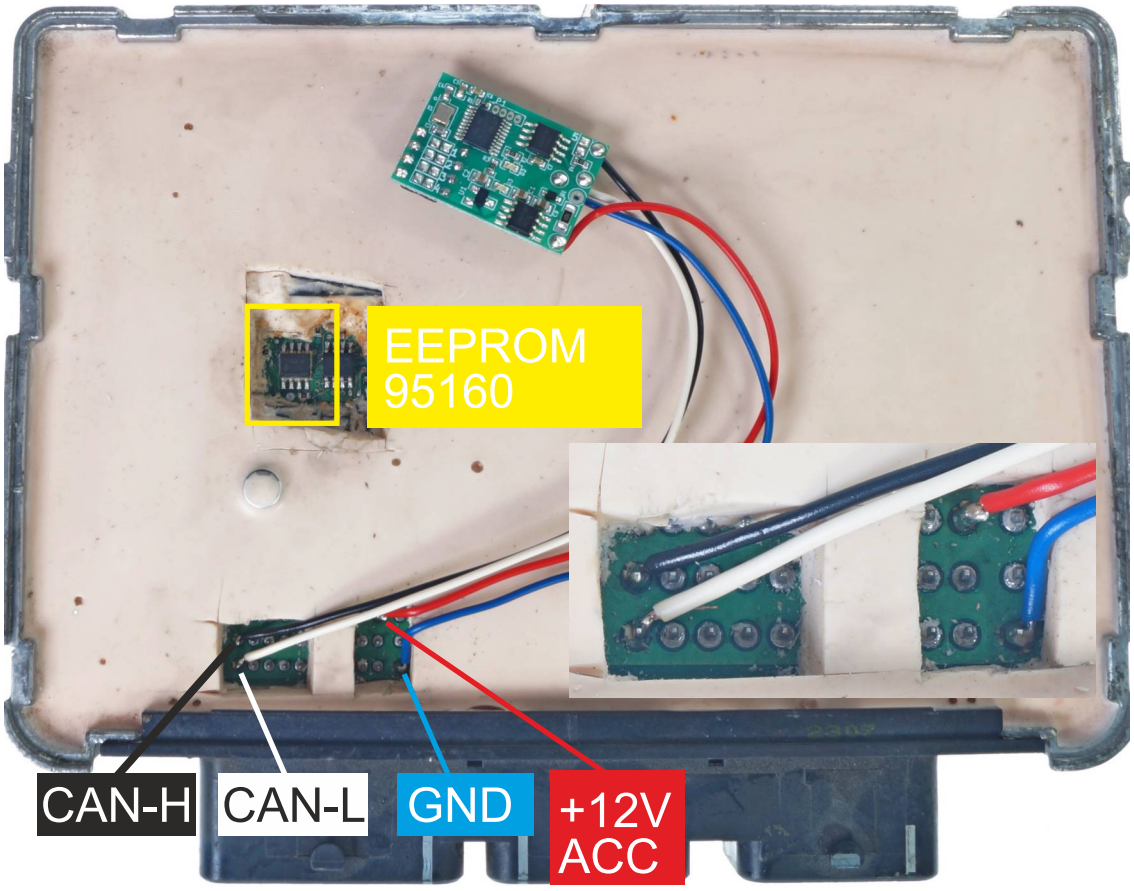


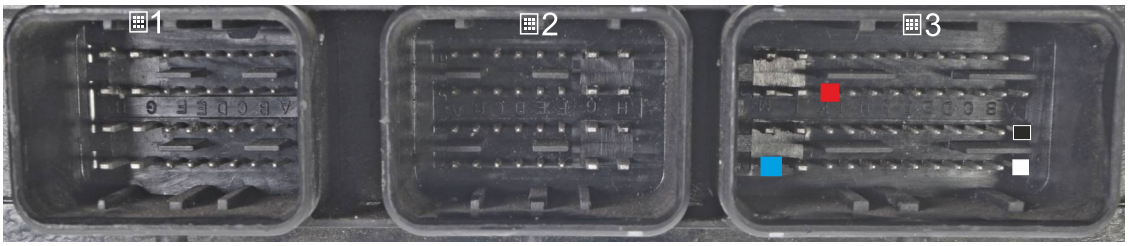
+12V	C3 3	GND	H4 3	CAN-H	A4 3	CAN-L	A3 3

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.

Peugeot, immo Valeo J34P



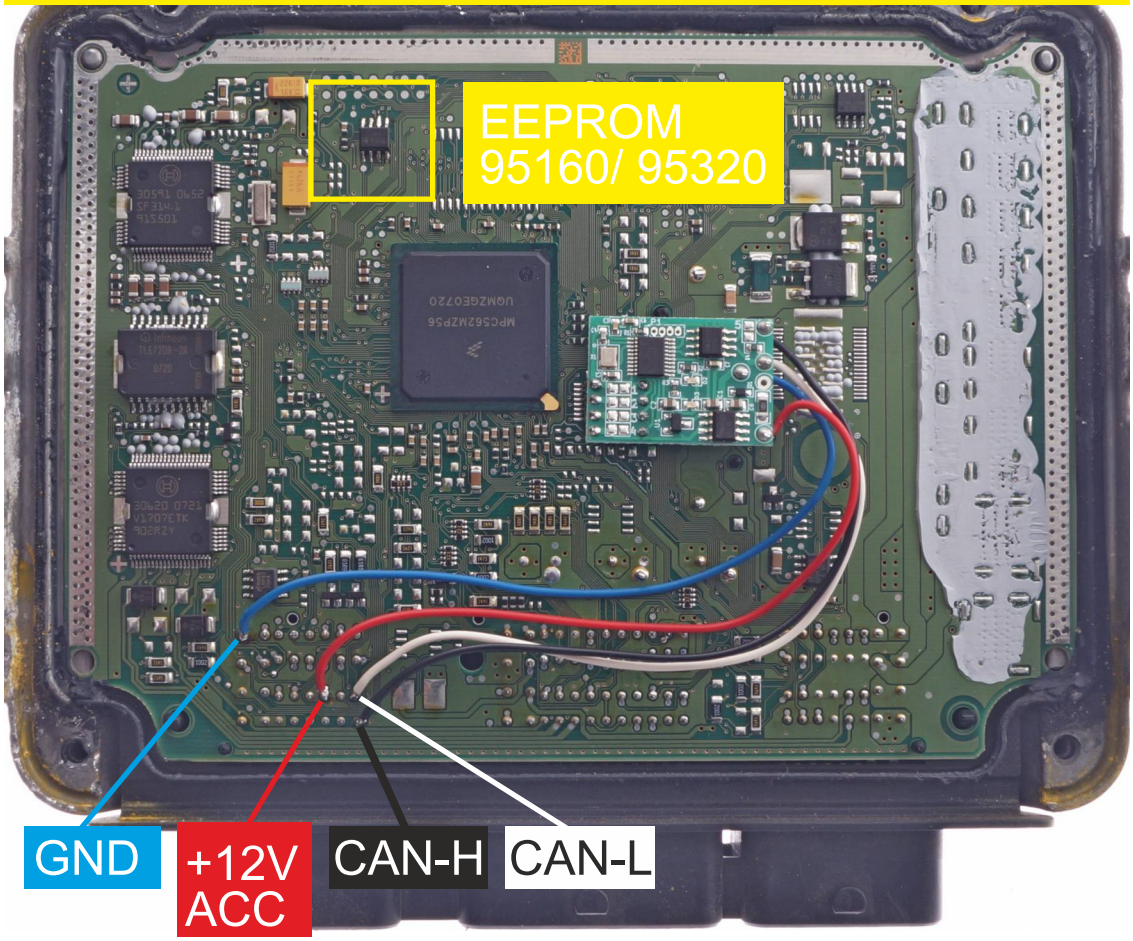


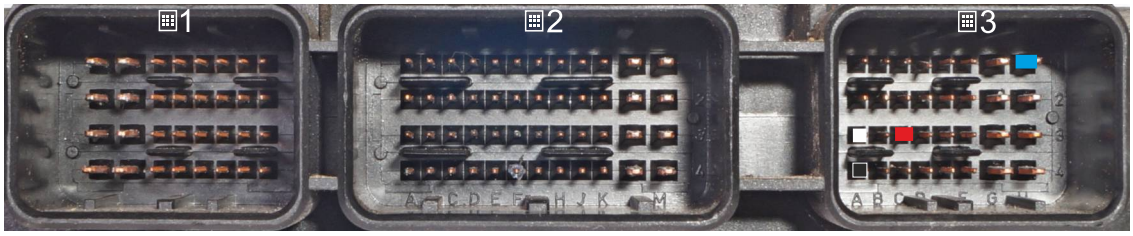
+12V	K3 3	GND	M1 3	CAN-H	A2 3	CAN-L	A1 3

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.

Peugeot, immo Bosch EDC16C34



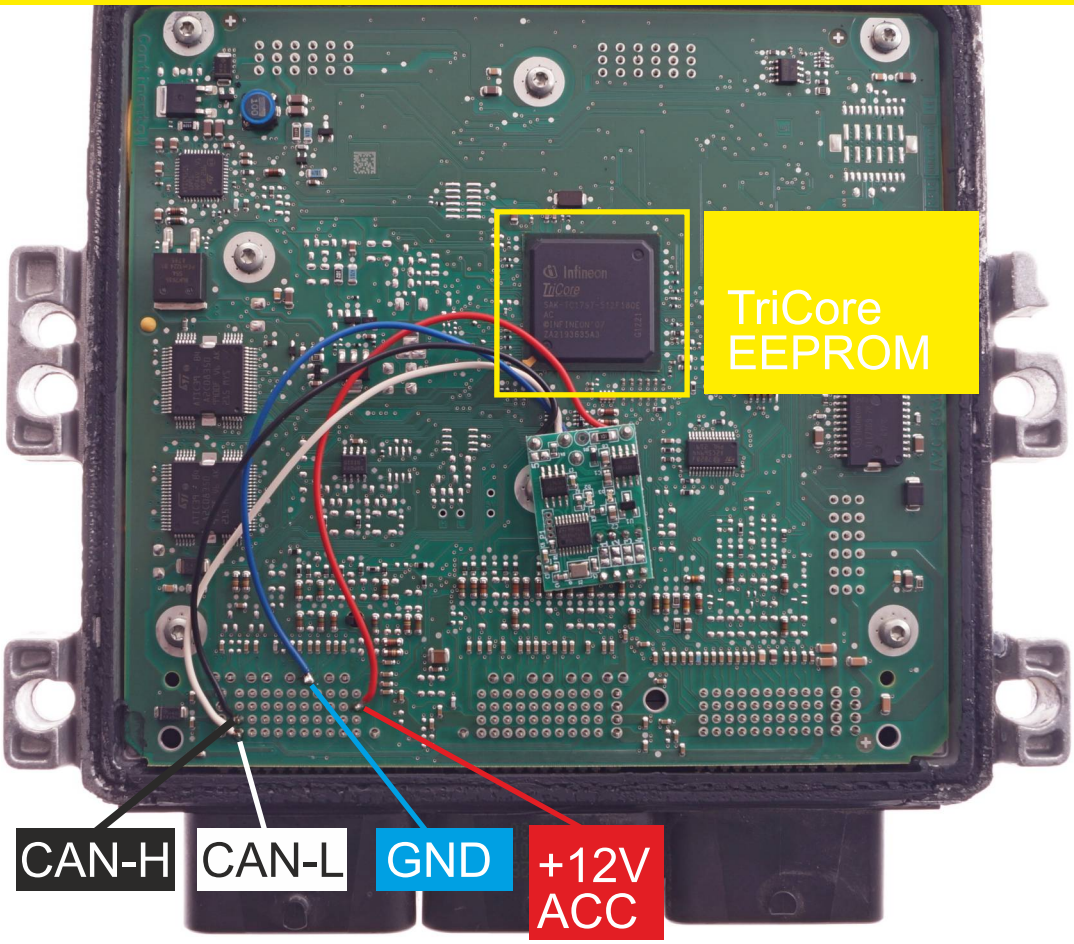


+12V	C3 3	GND	H1 3	CAN-H	A4 1	CAN-L	A3 1

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.

Peugeot, immo Continental SID 807

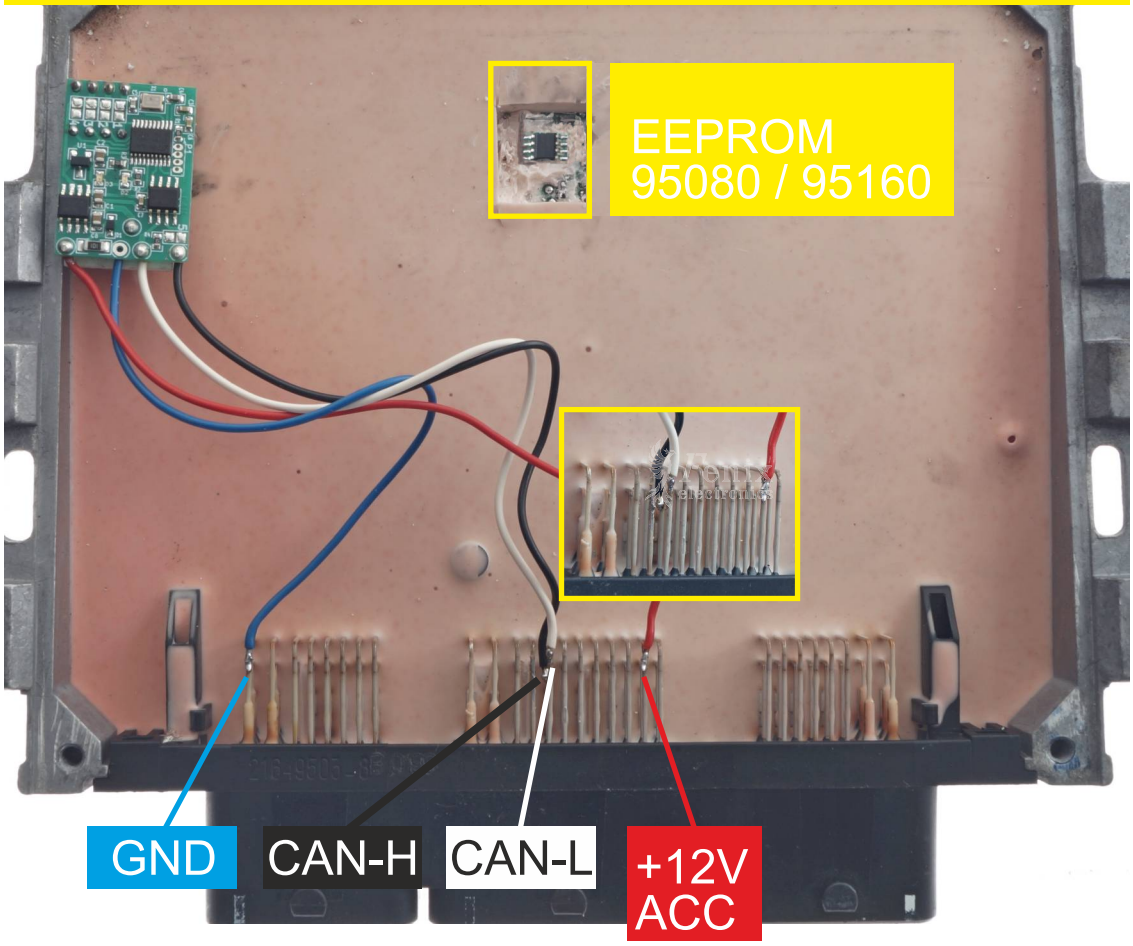


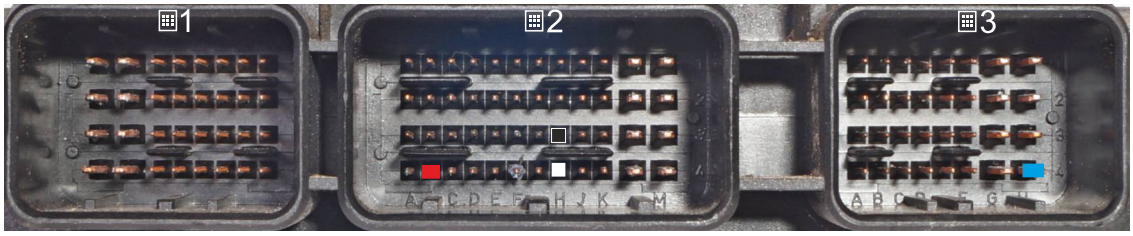
+12V	19	3	GND	3	3	CAN-H	40	3	CAN-L	52	3

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

Make changes to the ECU memory using the Fenix_IBP application

Proceed as described in point 5 of the manual.