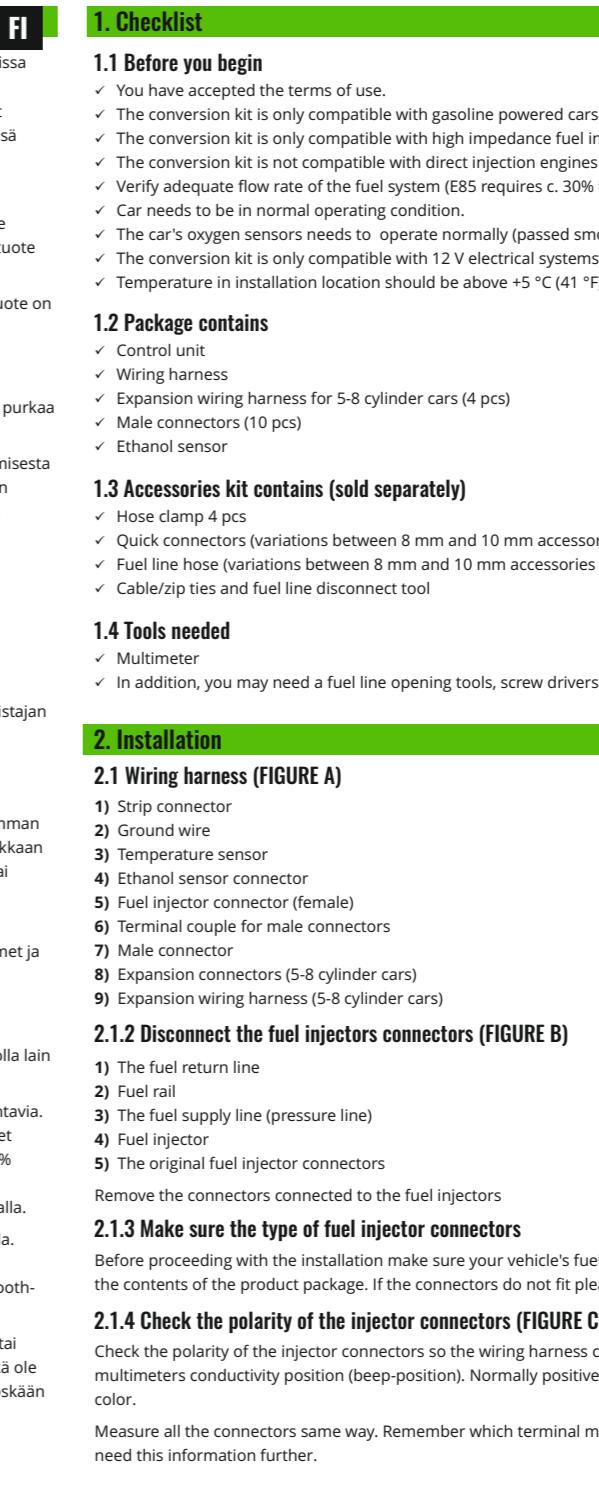
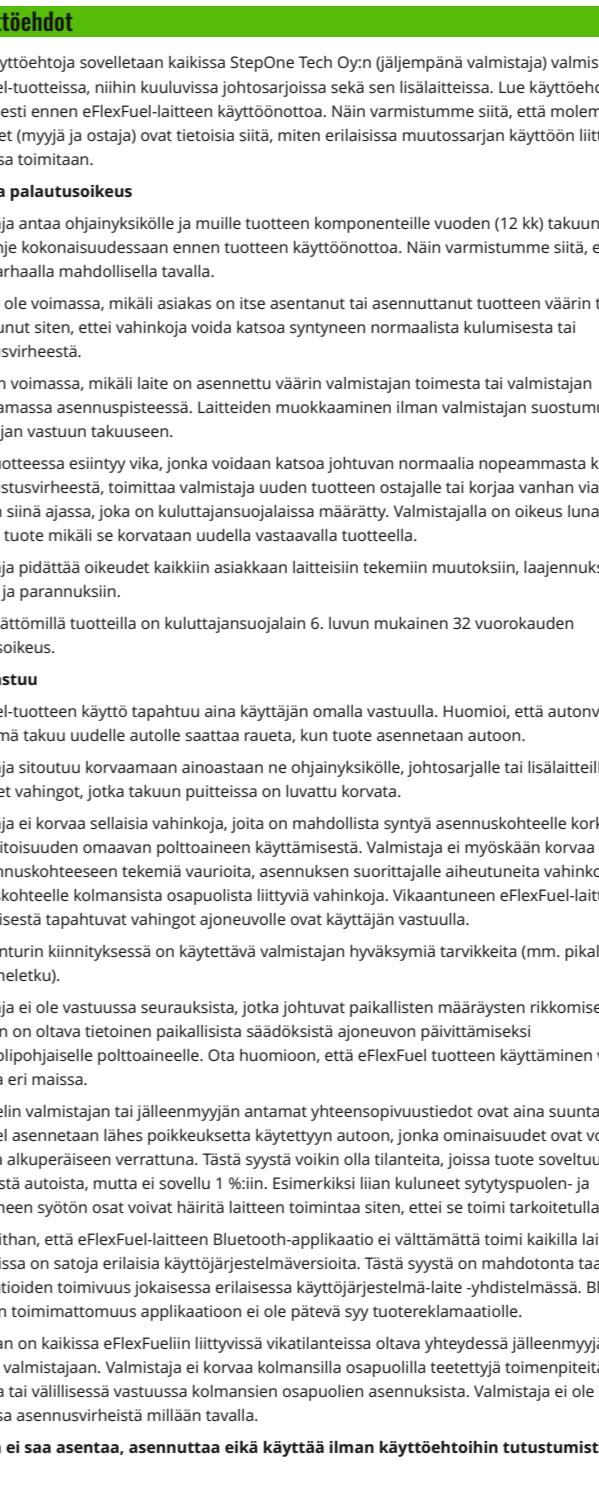
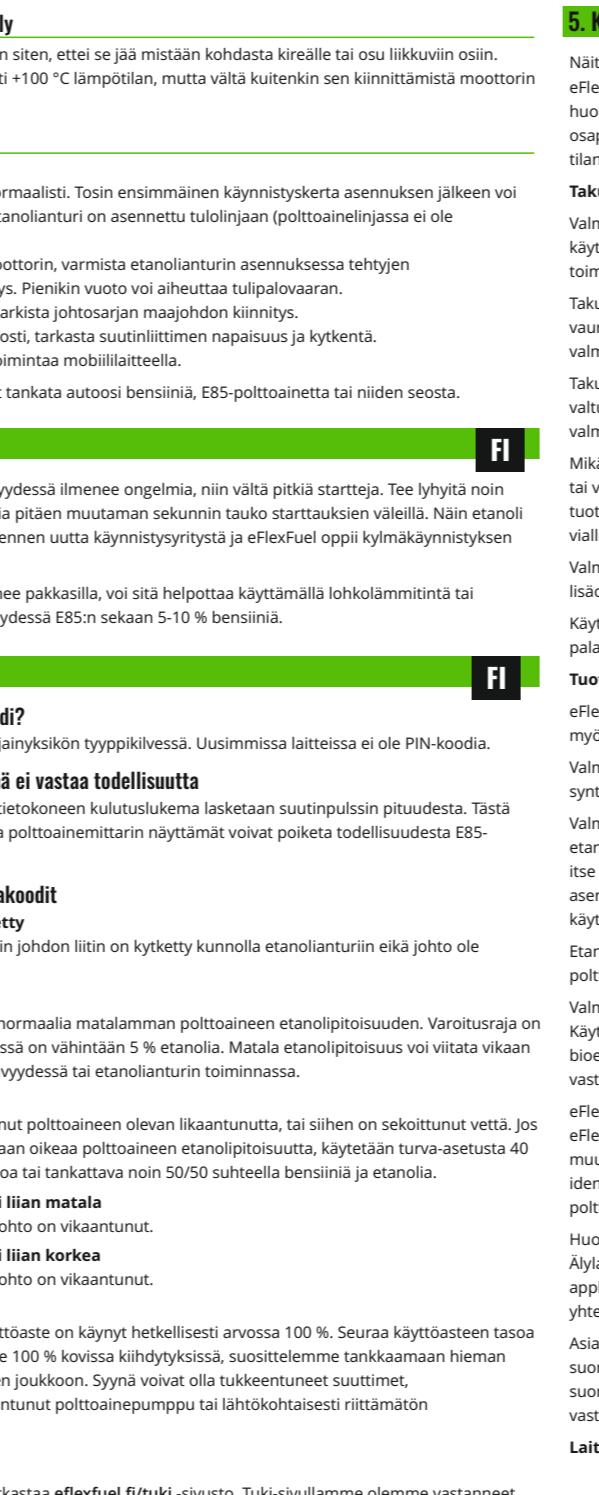
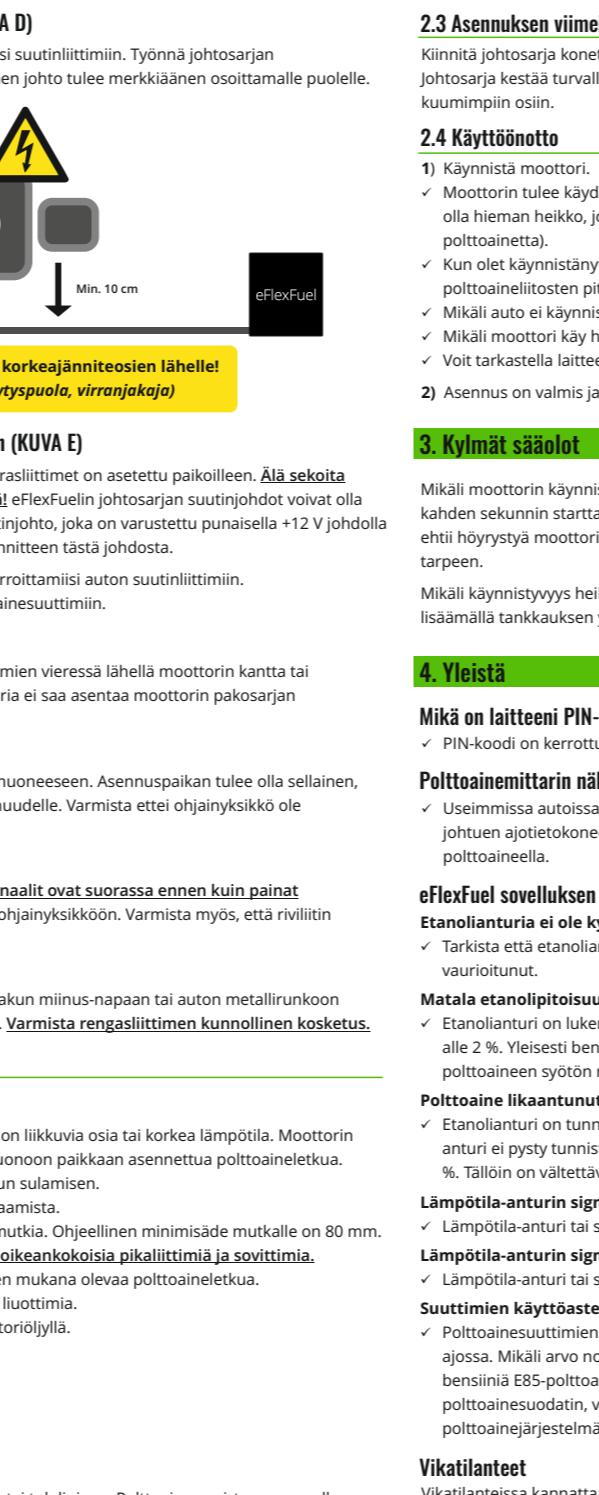
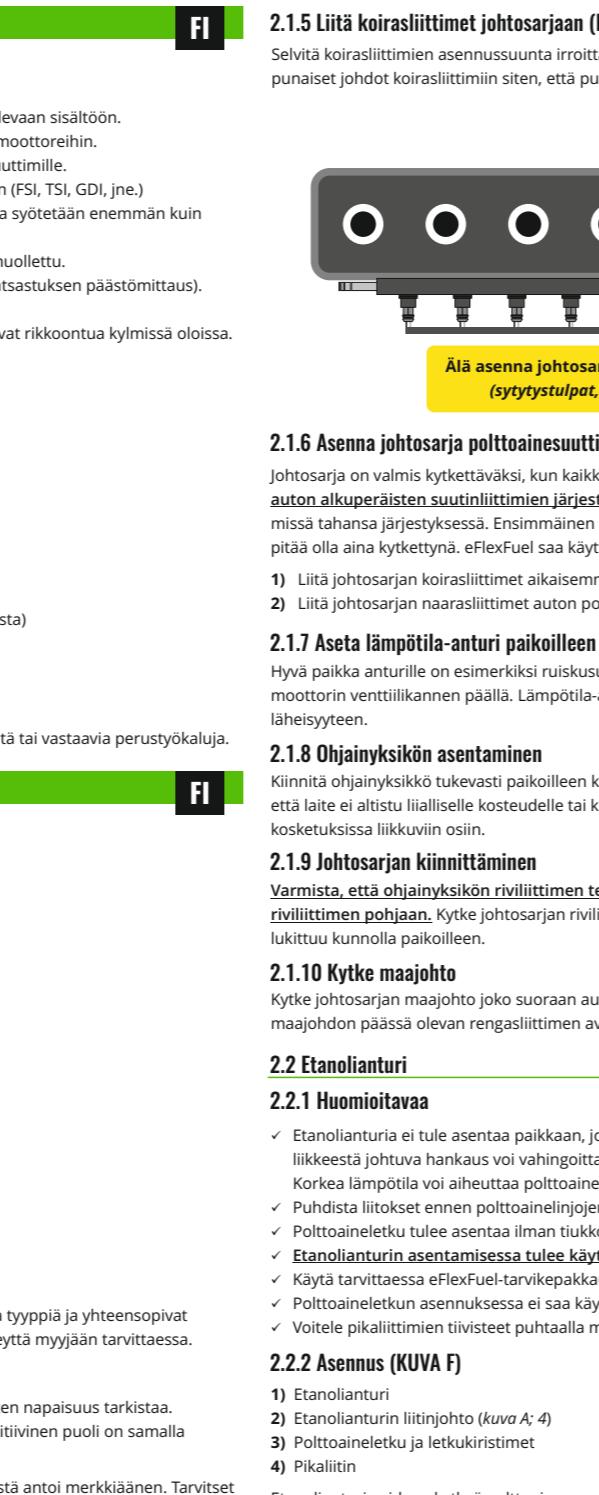
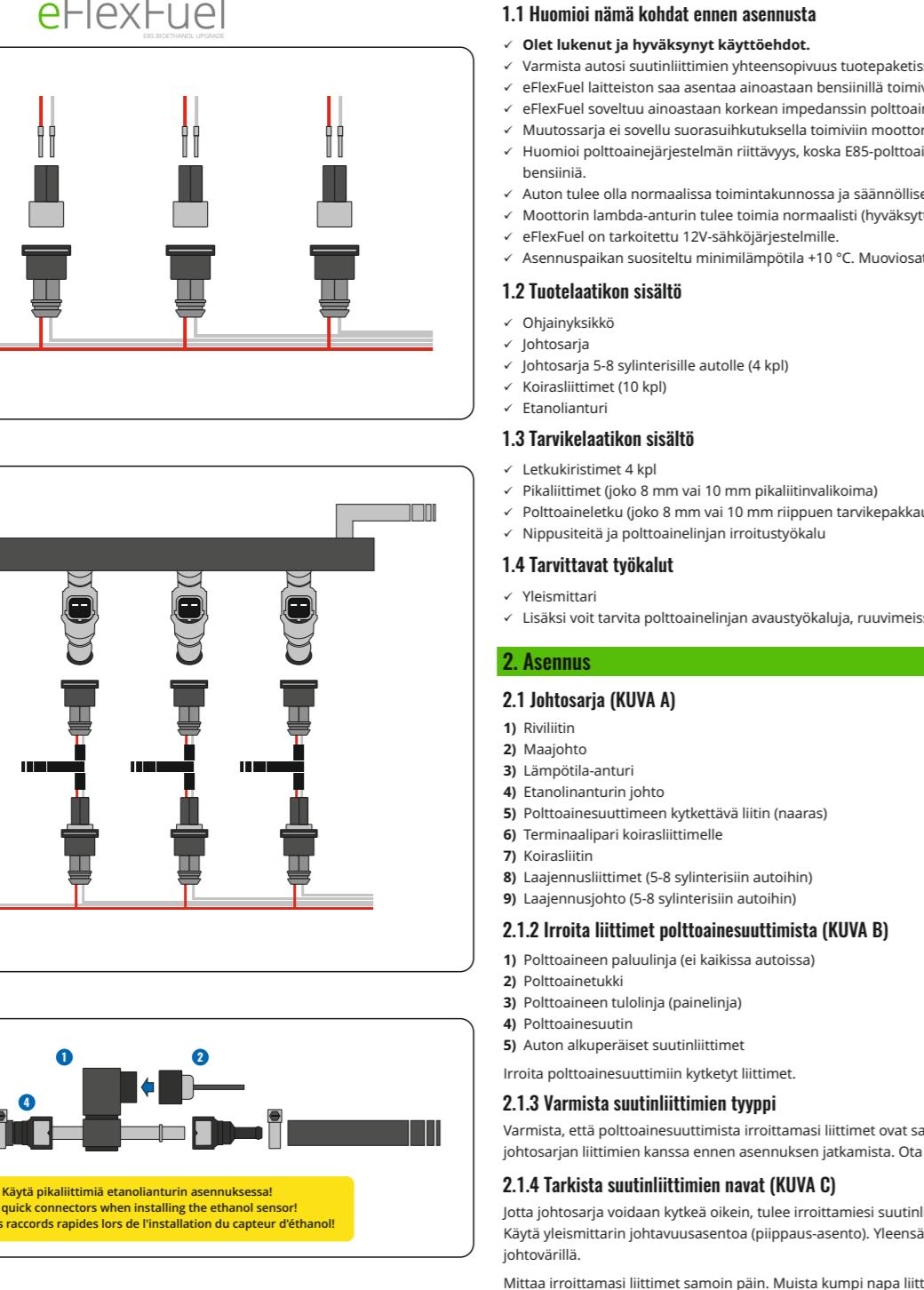
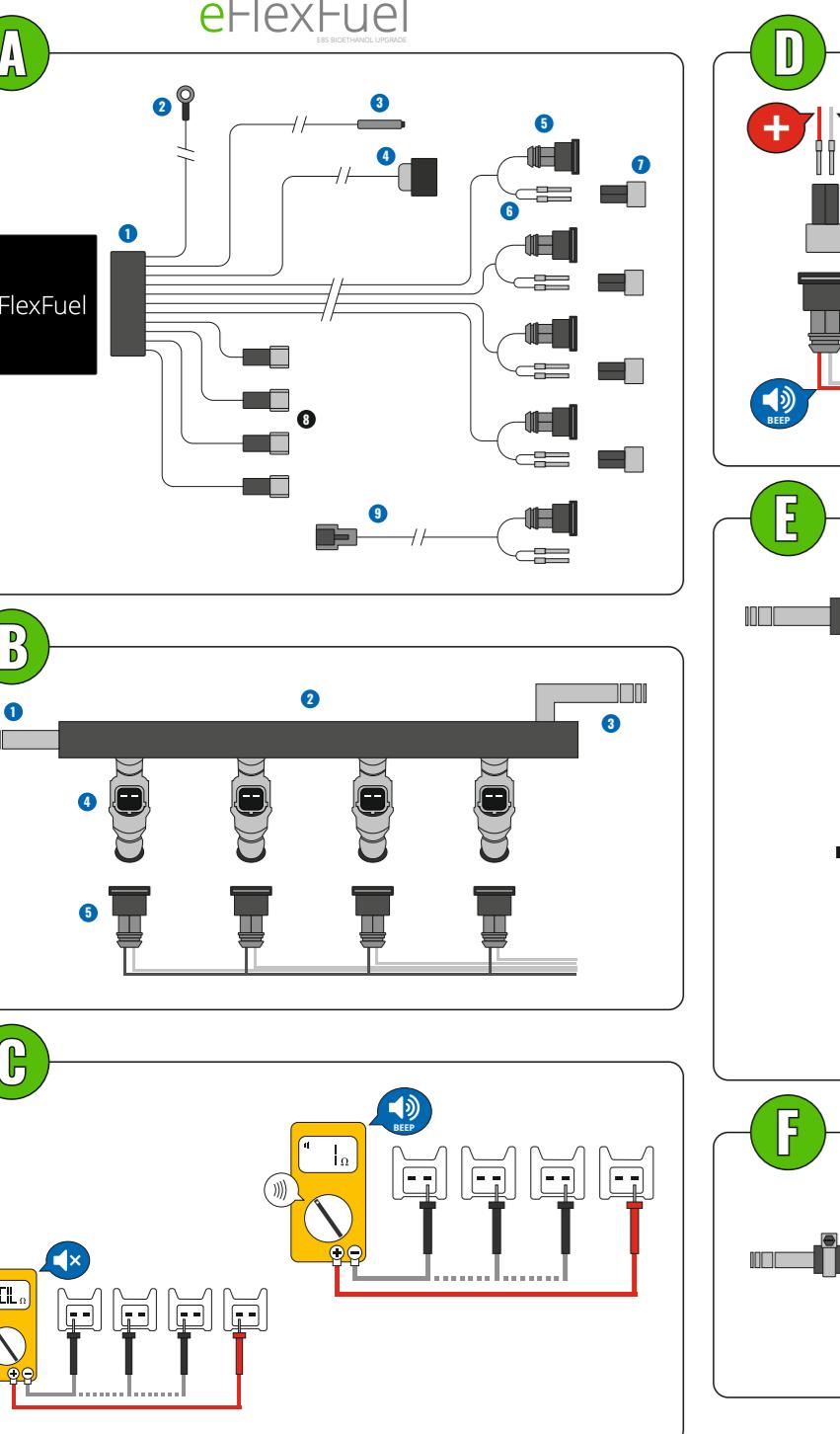


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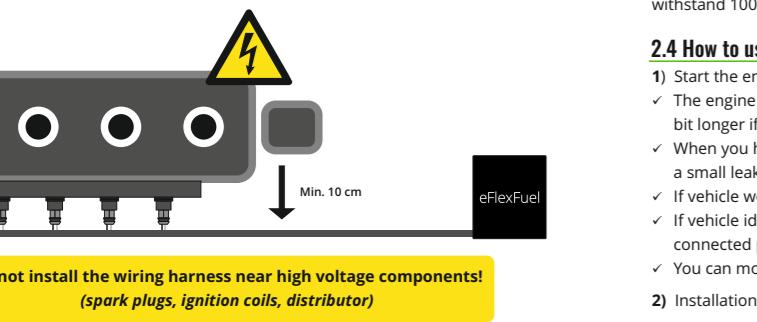
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2.1.5 Connect the male connectors to wiring harness (FIGURE D)

Check which way the male connector plugs in. Push the red wire of wiring harness to the male connector. Make sure the red wire goes in the same side the tone indicated in part 2.1.4.



2.1.6 Install the wiring harness to the fuel injectors (FIGURE E)

Once the male connectors are connected to the wiring harness, it is ready to be installed to the car. **Do not change the order of original connectors!** eFlexFuel injector wires can be in any order. The connector pair with double red wires (+12V) needs to be always connected so that eFlexFuel gets its operating voltage.

- 1) Connect the male connectors of the eFlexFuel wiring harness to the car's injector wires you disconnected earlier.
- 2) Connect the female connectors of the eFlexFuel wiring harness to the injectors.

2.1.7 Install the temperature sensor

Good place for temperature sensor is near cylinder head next to the fuel injectors or under the ignition coil cover. **The temperature sensor must not be installed near engine exhaust manifold.**

2.1.8 Installing the control unit

Find a proper location in the engine bay. Make sure that the control unit is not exposed to excessive heat or moisture. Also make sure that the control unit is not touching moving parts.

2.1.9 Secure the wiring harness

Make sure the terminals of the control unit's main connector are straight before connecting the wiring harness. Connect the wiring harness to the control unit. You only need just a little bit of force. Make sure that the connector is securely attached.

2.1.10 Connect the ground wire

Connect the ground wire either directly to the negative terminal of the car's battery or to the metallic chassis of the car. **Make sure that ground wire is connected properly.**

2.2 Ethanol sensor

2.2.1 Attention

✓ Ethanol sensor should be installed to a location free from moving parts and high temperatures. Engine movement may cause rubbing to the fuel hose if installed incorrectly. Installing to hot environment may cause melting of the fuel hose which can lead to slipping or leaking of the fuel hose. Clean the fuel line connection before disconnecting them.

✓ Fuel hose should be installed as straight as possible. Avoid tight bends. Minimum radius for a bend is 80 mm (3.1 in). Tight bending of a fuel hose may cause breaching and leaking.

✓ **Use quick connectors in installing the ethanol sensor.**

✓ If fuel hose was added during the installation, use fuel hose included in eFlexFuel accessories kit.

✓ Do not use solvents when installing fuel hose.

✓ Lubricate the quick connector seals with clean engine oil before installation.

2.2.2 Installation (FIGURE F)

- 1) Ethanol sensor
- 2) Ethanol sensor connector (figure A; 4)
- 3) Fuel hose and hose clamps
- 4) Fuel line quick connector

Ethanol sensor could be connected to either fuel return line or the pressure line. Fuel flow direction doesn't affect the reading of the sensor. Ethanol sensor should be installed near the fuel rail.

Connect the wiring harness to ethanol sensor.

Do not install the wiring harness near high voltage components! (spark plugs, ignition coils, distributor)

2.3 Finalizing the installation

Attach the wiring harness to the engine compartment. Make sure the harness has little bit of slack for engine movement and it does not touch any moving or hot parts. Wiring harness safely withstand 100 °C (212 °F) temperature but avoid attaching it to the engines hottest parts.

2.4 How to use

- 1) Start the engine.
 - ✓ The engine should be running normally. However, the first start-up after the installation may be a bit longer if the ethanol sensor is installed in the pressure line and fuel line is drained empty.
 - ✓ When you have started the engine, observe the installed fuel line connectors and fuel hose. Even a small leak could cause a fire hazard.
 - ✓ If vehicle won't start, check the ground wire connection.
 - ✓ If vehicle idles badly, check the polarity of wiring harness connectors and that connectors are connected properly.
 - ✓ You can monitor control unit with mobile application.
- 2) Installation is ready and you can now refuel gasoline, E85 or any mixture of these in your vehicle.

2.5 Terms of use

These terms of use are applicable to all eFlexFuel conversion kits, their wiring harnesses, and their accessories manufactured by StepOne Tech Ltd (the manufacturer). Please read these terms of use carefully before using or attempting to install the eFlexFuel or the related components. This ensures that both parties (the buyer and the seller) are aware of how to proceed in different operational situations of the eFlexFuel.

Guarantee and refund

The manufacturer offers a one-year (12 months) manufacturer's guarantee for the control unit and to other components. The guarantee applies only to the conversion kit, the included wiring harness, ethanol sensor, and their functionality. Always read the instructions of instruction manual in its entirety before attempting to install or use the eFlexFuel. This ensures that the product operates as it has been designed.

The guarantee does not cover damages caused by improper installation by the buyer or by a buyer's agent, or if the product has been damaged by wear that is not caused by normal use or by a manufacturing defect.

The guarantee covers faulty installation by the manufacturer or by an authorized dealer. Any modification done to the conversion kit without the consent of the manufacturer voids the guarantee.

If you encounter any problems with starting the engine in cold temperatures, avoid long cranking. It is best to do short start-ups keeping a few seconds pauses and wait a few seconds before the next start. This helps ethanol to evaporate in the engine before attempting to start engine again and this way eFlexFuel makes adaptation corrections.

1) Connect the male connectors of the eFlexFuel wire to the car's injector wires you disconnected earlier.

2) Connect the female connectors of the eFlexFuel wiring harness to the injectors.

2.6 Cold weather

If you encounter any problems with starting the engine in cold temperatures, avoid long cranking. It is best to do short start-ups keeping a few seconds pauses and wait a few seconds before the next start. This helps ethanol to evaporate in the engine before attempting to start engine again and this way eFlexFuel makes adaptation corrections.

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2.7 Contaminated fuel

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2.8 Fault codes

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2.9 Quick connectors

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2.10 Fuel line quick connector

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2.11 Fuel line quick connector

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2.12 Fuel line quick connector

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2.13 Fuel line quick connector

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2.14 Fuel line quick connector

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2.15 Fuel line quick connector

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2.16 Fuel line quick connector

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2.17 Fuel line quick connector

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2.18 Fuel line quick connector

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2.19 Fuel line quick connector

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2.20 Fuel line quick connector

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2.21 Fuel line quick connector

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2.22 Fuel line quick connector

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2.23 Fuel line quick connector

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2.24 Fuel line quick connector

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2.25 Fuel line quick connector

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2.26 Fuel line quick connector

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2.27 Fuel line quick connector

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