Connection guide for control unit

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>+12V</td>
<td>+12Vign</td>
<td>+12Vign</td>
<td>+12Vbus</td>
<td>GND</td>
<td>s-bus</td>
<td>TX</td>
<td>+12/batt</td>
</tr>
<tr>
<td>ObD</td>
<td>GAsign1</td>
<td>GAsign2</td>
<td>GAsign3</td>
<td>GAsign4</td>
<td>PETign1x</td>
<td>PETign2x</td>
<td>PETign3x</td>
</tr>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

- **red-green**: +12V after ignition
- **brown-white**: RPM / Ignition module / Tachometer / Hall sensor / Camshaft sensor
- **blue**: Injectors
- **blue-black**: Injectors
- **violet**: Injectors
- **violet-black**: Injectors
- **yellow**: Injectors
- **yellow-black**: Injectors
- **grey**: Injectors

**Petrol Electronic Control Unit (ECU)**

**Petrol Injectors**

**Gas Injectors**

**Filter**

**Pressure Sensor**

**Multivalve**

**Valve**

**Temperature Sensor**

**Fuse 10A**

**BATTERY 12V**

GAS ECU mounted with connector oriented downwards; PRESSURE SENSOR mounted with connector oriented upwards; REDUCER with integrated valve DO NOT MOUNT with valve downwards.
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<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BLACK</td>
<td>Grey</td>
</tr>
<tr>
<td>2</td>
<td>K-line (OBD pin 7)</td>
<td>Grey</td>
</tr>
<tr>
<td>3</td>
<td>L-line (OBD pin 15)</td>
<td>Violet</td>
</tr>
<tr>
<td>4</td>
<td>Can-L (OBD pin 14)</td>
<td>Yellow</td>
</tr>
<tr>
<td>5</td>
<td>Can-H (OBD pin 6)</td>
<td>Blue</td>
</tr>
<tr>
<td>6</td>
<td>+12V OUT</td>
<td>Blue-red</td>
</tr>
</tbody>
</table>

InAn4 - white-blue   
InAn3 - violet-white  
OutAn2 - yellow-black 
InAn2 - yellow-white  
OutAn1 - grey-black   
InAn1 - grey-white

1. black
2. green
3. yellow
4. red

Connections not mandatory ->

+12V after ignition
RPM / Ignition module / Tachometer / Hall sensor / Camshaft sensor

Petrol Injectors

Gas Injectors

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**WARNING!**
In cars with flap on the OBD connector, the flap should be removed before connecting OBD module wires.

**Connections not mandatory ->**

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**GAS ECU mounted with connector oriented downwards; PRESSURE SENSOR mounted with connector oriented upwards; REDUCER with integrated valve DO NOT MOUNT with valve downwards.**