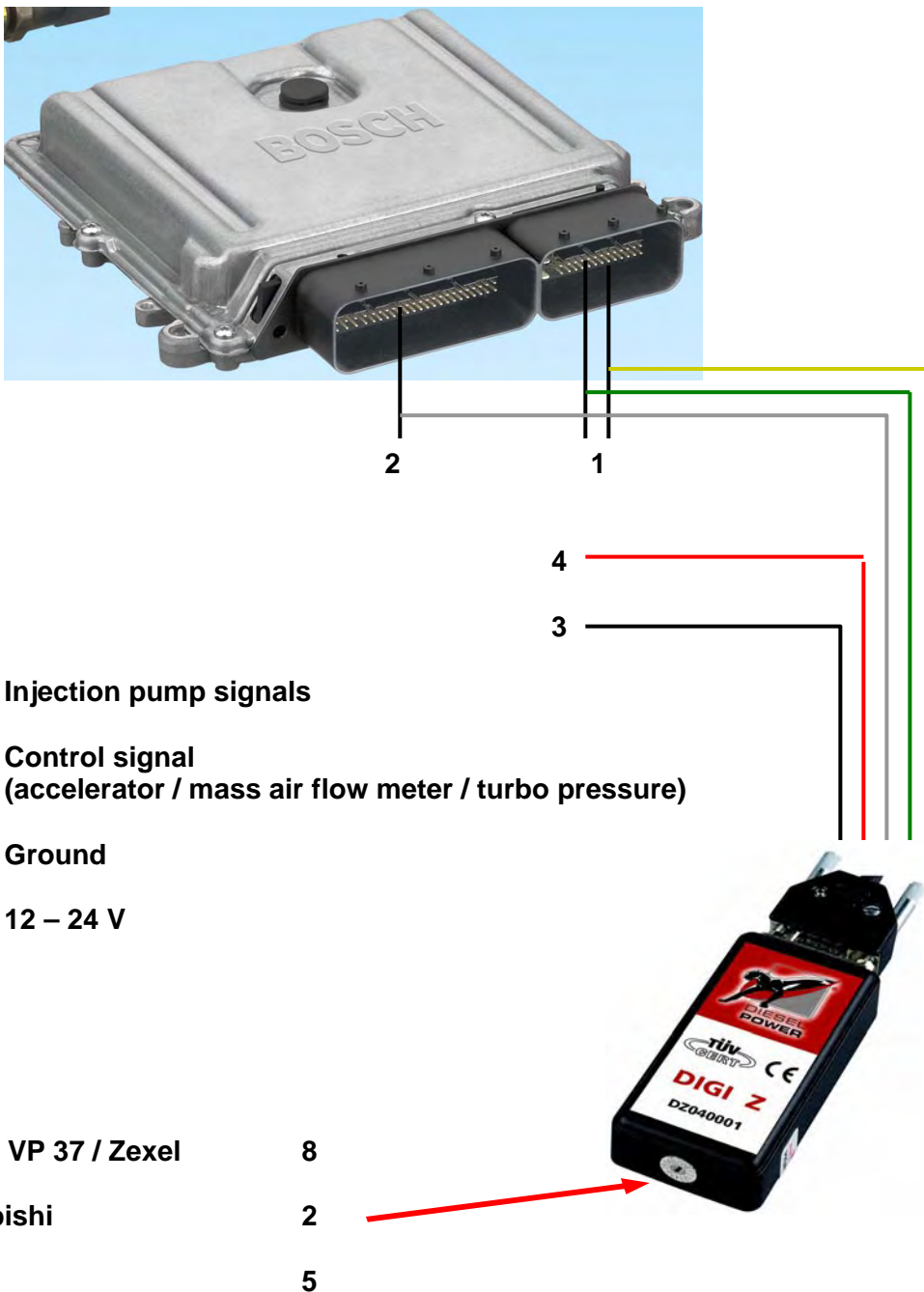


## Installation Instructions Z - Electronics



All cables for the Z - electronics are parallel connected to the cable harness of the engine control unit or to the cable harness of the injection pump plug.

The exact cable pin assignments are given in the individual wiring diagrams for the particular vehicles.

## Checking the installation

Z - electronics	DC voltage [volts]	Comments
<b>Red</b>	12 / 24	Operating voltage (ignition)
<b>Black</b>	Ground	
<b>Green</b>	2.5	Pump signal (engine idling)
<b>Yellow</b>	2.5	Pump signal (engine idling)
<b>White</b>	approx. 0.35	accelerator signal (engine idling)

These voltages can be used to determine the correct pin assignments if an engine control unit wiring diagram is missing or not applicable.

The measurements can also be performed directly at the cable harness of the injection pump. The colors of the cables at the injection pump are identical with the cable colors at the engine control unit.

**The use of soldered joints can destroy the transmitters and sensors!!**

**During the installation the ignition must be OFF and the ignition key withdrawn!!**