

Installation instruction VAG 1.2-1.4-1.9ltr. PD

▶ 1. Cable harness installation

Switch off the ignition of the vehicle and remove the engine cover. Localize the PD contact plug.

The original plug is with along built-in engines at the end of the cylinder head, near the splashing wall, with crosswise built-in engines on the right side. To unlock the connection you have to pull off the red pin.

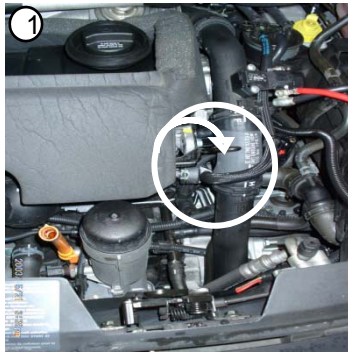
Connect the round adapter plug between the cylinder head ("Pumpe-Düse" element) and the motor control unit. Pay attention for a correct connection(see ill4)!

Installation position PD contact plug

ill.1: example installation position engine compartment VW Sharan 1.9 TDI.

ill.2: example installation position engine compartment VW Golf IV 1.9 TDI.

ill.3: example installation position engine compartment Audi A4 1.9 TDI.



engine compartment VW Sharan



engine compartment VW Golf IV 1.9 TDI



installation position Audi A4 1.9 TDI

▶ 2. Power supply

Connect the red cable with the plus pole of the battery. Connect the black cable with the minus pole of the battery.

▶ 3. Calibrating

Bring the vehicle on operating temperature.

(5 min warm run phases are required to carry out a correct calibration.)

Switch off the ignition.

Put the PD module on the PD connector plug. Let the engine after assembly of the system at least 45 sec. run in the idling mixture supply.

Operate in this time not the accelerator!

The new module calibrates itself automatically. After the calibration phase both LEDs briefly blink. Then only the system is ready and flawless functioned.

The system is preset. Normally you will not need to adjust the module.

▶ Attention:

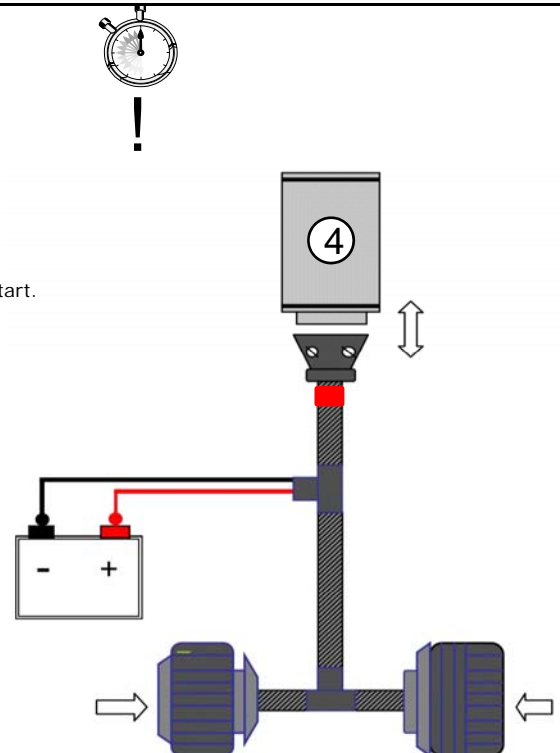
If your car should not run with the system, you must remove the complete system. If you don't remove the wiring loom, your car will not start.

standard modus (only visible during the journey)

red LED	yellow LED	explanation LED view
off	off	PD Tuning box is off
on	off	PD Tuning box is on
on	on	Tuning is activated

calibrating phase

red LED	yellow LED	explanation LED view
off	off	PD Tuning box is off
on	off	PD Tuning box is on and read data
on	on (blinking)	PD Tuning Box is calibrated



PD Instruction

Information

The Performance tuning can obtain a different result throughout the series. It's possible that the engine power turns out to be too high or too low.

If the power should be too high, it is shown by a strong soot generation, disturbed engine run, engine misfire or the initiation of the engine emergency program.

In the emergency program the vehicle drives with a strongly decreased performance. In some vehicle models the engine control lamp shines. The emergency program is a protective function of the engine and can be deactivated at any time.

With fine-tuning these problems can be resolved. A fine tuning is normally not necessary, since the PD module was balanced and programmed for the respective vehicle. Before a change is made, you should contact your salesman or the manufacturer of the system. A technician will gladly help you.

PD Box's backside

On the back of the unit you can see two LED's and some jumpers. The left set of jumpers is used for the program selection. The right set of jumpers is used for fine-tuning the PD Tuning box (see ill.1).

Fine-tune jumper (right)

Only one jumper must be present in this row. Jumper on T position gives settings as made in configuration program. Now you can raise or lower the power output by setting the jumper on a positive or negative value. (see ill.2, ill.3 and ill.4). Jumpers which are put in horizontal position have no influence.

Program jumper function (left)

0, 1 or 2 jumpers can be applied in this row (see ill.5)
Should a not configured program be selected, program 1 is automatically called.

jumper 1	jumper 2	program
Off	Off	1
On	Off	2
Off	On	3
on	on	4

LED's

Red LED: Device ready for use.

Yellow LED: Tuning is active.

Both LED's shine only while driving.

With the contact on, fine tuning selection is not possible.

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|| If you still have questions or you are not quite sure?
|| Contact us, a technician will gladly help you! We wish you a good
|| journey and a lot of fun with the CRD System.
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