Installation instruction Toyota Landcruiser 4.2 TD 204BHP

1. Preparations

Switch the ignition off.
Wait, until all electric power consumers are switched off.
The injection pump is on the right side from the engine (ill. Abb. 3).
Solve the both screws from the injection pump cover (ill.4/5).
Remove the cover.

2. Cable harness installation

Localize the plug from the cable which goes up from the magnetic valve.
Open the 2pole plug (ill.6). There are two different kinds of connection.
You can see the difference in the form of the connector plugs.
For this reason we deliver two different adapter cables (DN A53 and DN A54).
Please send us the unnecessary adapter cable back.
Connect the right adapter cable between the connector plugs.

Connect the power supply at the vehicle battery (ill.7).
Move the cable if possibly splash water protected and avoid attaching in hot engine parts.
Put the PDI module on the Sub-D connection.

3. Settings - fine adjustment

The system is preset. Normally you will not need to adjust the module.
If you want to increase or reduce the power performance, you will
only need to place the jumper to the left (increased efficiency)
or to the right (reduced power performance). Please contact the manufacturer, before changing the jumper settings.

Now fit the cover back on. The vehicle is ready for a test drive.

To restore the standard state, you must remove only the PDI module. The adapter cable can remain connected.

You still have questions or you are not quite sure?
Contact us, a technician will gladly help you!

Images to installation instruction Toyota Landcruiser 4.2 TD 204BHP

1

2

3

4

5

6

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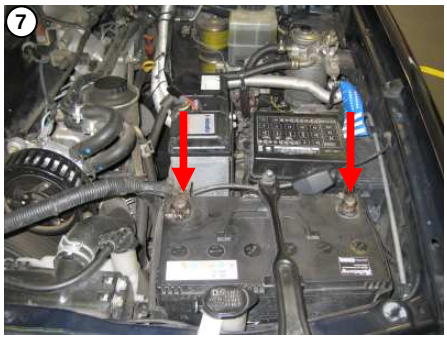

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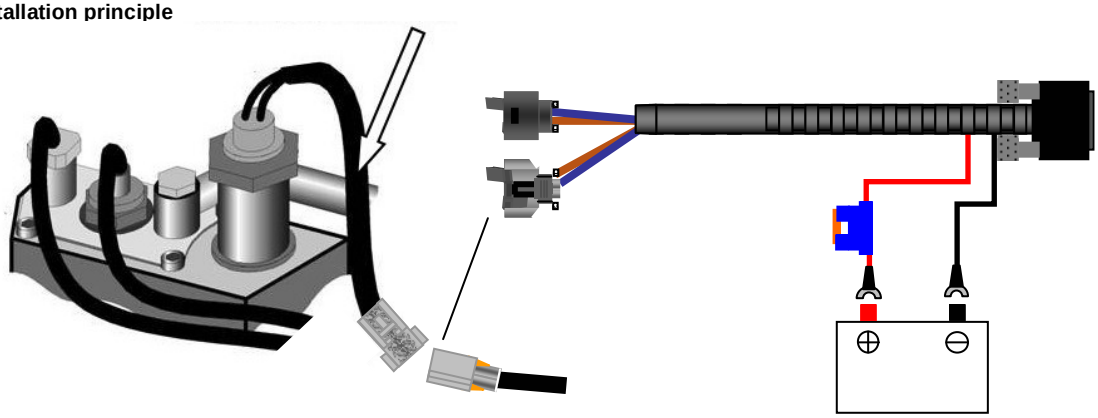
9

Use the cable which is connected on the magnetic valve.

4. installation principle



19.05.2008

PDI 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 PDI 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.

PDI 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.

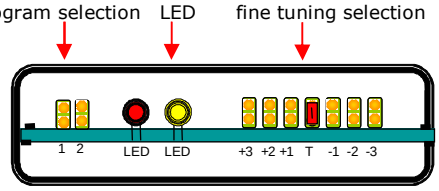
jumper 1	jumper 2	program
Off	Off	1
On	Off	2
Off	On	3
on	on	4

LED's

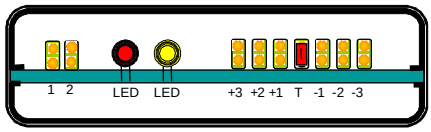
Red LED: Device ready for use.
Yellow LED: Tuning is active.
Both LED's shine only while driving.
With the contact on, fine tuning selection is not possible.

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.

ill.:1

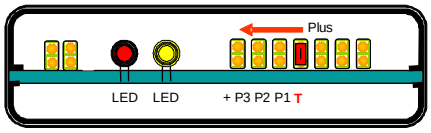


ill.:2



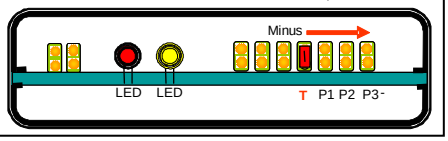
ill.:3

Changing the supererogation	plus
position T	0%
position +1	+10%
position +2	+20%
position +3	+30%



ill.:4

Changing the supererogation	minus
position T	0%
position-1	-10%
position-2	-20%
position-3	-30%



ill.:5