Installation instructions Toyota Land Cruiser 1KZ-TE

suitably to motor control unit Denso

Installation of vehicle interface

1. Turn off the vehicle ignition.
2. Localise the engine control device.
3. Remove all necessary coverings and uncover the diesel controller. Pull out the big multipolar plug from the controller and open the plug.
4. Solder the 2 wires of the connector cable, according to the pin assignment of the controller onto the respective wires of the controller plug. View from the back, cable entrance. Connect the black ground cable to the vehicle body ground.
5. Check assignments once more. A wrong assignment may lead to destruction of the controller and/or the power electronics.
6. Insulate all bare soldering joints and close the plug.
7. Re-install the controller.

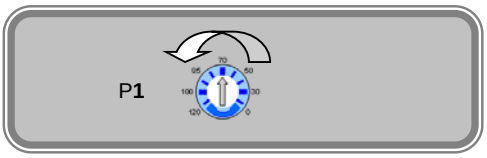
Settings Denso-System

Keep ignition off and connect the setting cable to vehicle interface. Take the other end of the cable into the vehicle interior. Connect the UNI-System to the cable.

Setting range of performance

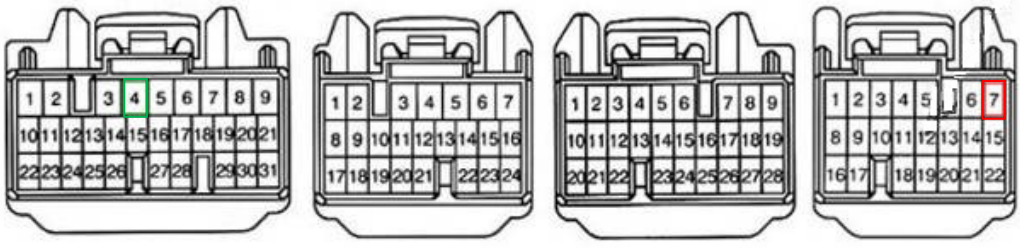
The car must reach operating temperature before doing any adjustments!
If the improved performance does not suffice, you must turn the potentiometer P1 to the left (counter clockwise) turn in small steps.
A too big improved performance leads the engine to it switch off.
You have to turn the potentiometer in small steps to the right, if the soot formation is to strong or your motor doesn't work according to the rules.

Ill.1: backside Denso module



motor control unit	Denso-System
vehicle body / ground	black
Pin 7/ plug 4	red
Pin 4/ plug 1	green

Plug MCU backside



plug 1 plug 2 plug 3 plug 4

Pin 4/Plug 1 is fourth pin from the left on the top row (ie top row is closest to plug release mechanism).
Pin 7/Plug 4 is last pin of right hand end in top row of plug 4.

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Installation of vehicle interface

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3. Remove all necessary coverings and uncover the diesel controller. Pull out the big multipolar plug from the controller and open the plug.
4. Solder the 3 wires of the connector cable, according to the pin assignment of the controller onto the respective wires of the controller plug. View from the back, cable entrance.
5. Check assignments once more. A wrong assignment may lead to destruction of the controller and/or the power electronics.
6. Insulate all bare soldering joints and close the plug.
7. Re-install the controller.

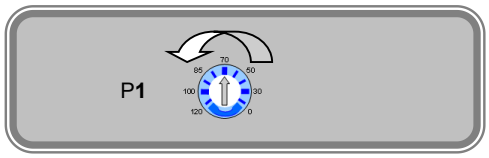
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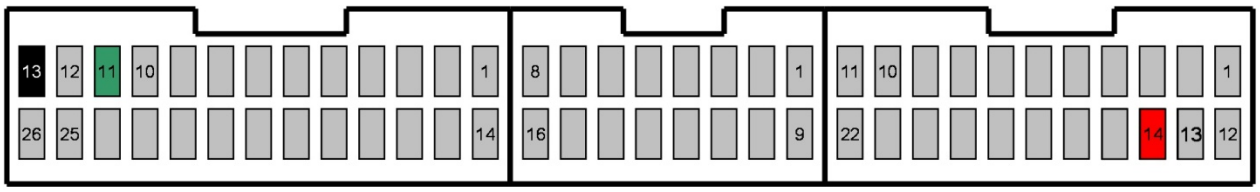
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Ill.1: backside Denso module



motor control unit	Denso-System
pin 13/ block 1	black
Pin 14/ block 3	red
Pin 11/ block 1	green

Plug MCU backside



block 1 block 2 block 3