

Installation Manual for NoLimit Performance Upgrade N20B20.

General Information:

- The NoLimit POWER CONTROL UNIT is equipped with a Plug & Play cable harness and installed in accordance with the instructions.
- Only correct installation according to the assembly instructions, the function is granted.
- Please read the assembly instructions in detail and observe the specified steps and instructions. Due to the technical complexity, we encourage you to be carried out by an authorized contractor installation. Only when correctly installed in accordance with the assembly instructions can guarantee granted.
- As part of the driving safety of the customer should be noted that this vehicle is equipped with a power increase NoLimit.
- The NoLimit POWER CONTROL UNIT II has extensive security arrangements, descriptions for these regulations and other product features are available on the database.
- NoLimit reserves changes of the delivered goods against the information and pictures in this documentation, for example, in terms of technical specifications, design and appearance before.
- For question regarding the product, technical information or assistance with the installation, please contact by e-mail to technik@nolimit-power.com

NoLimit Performance Upgrade consists of:

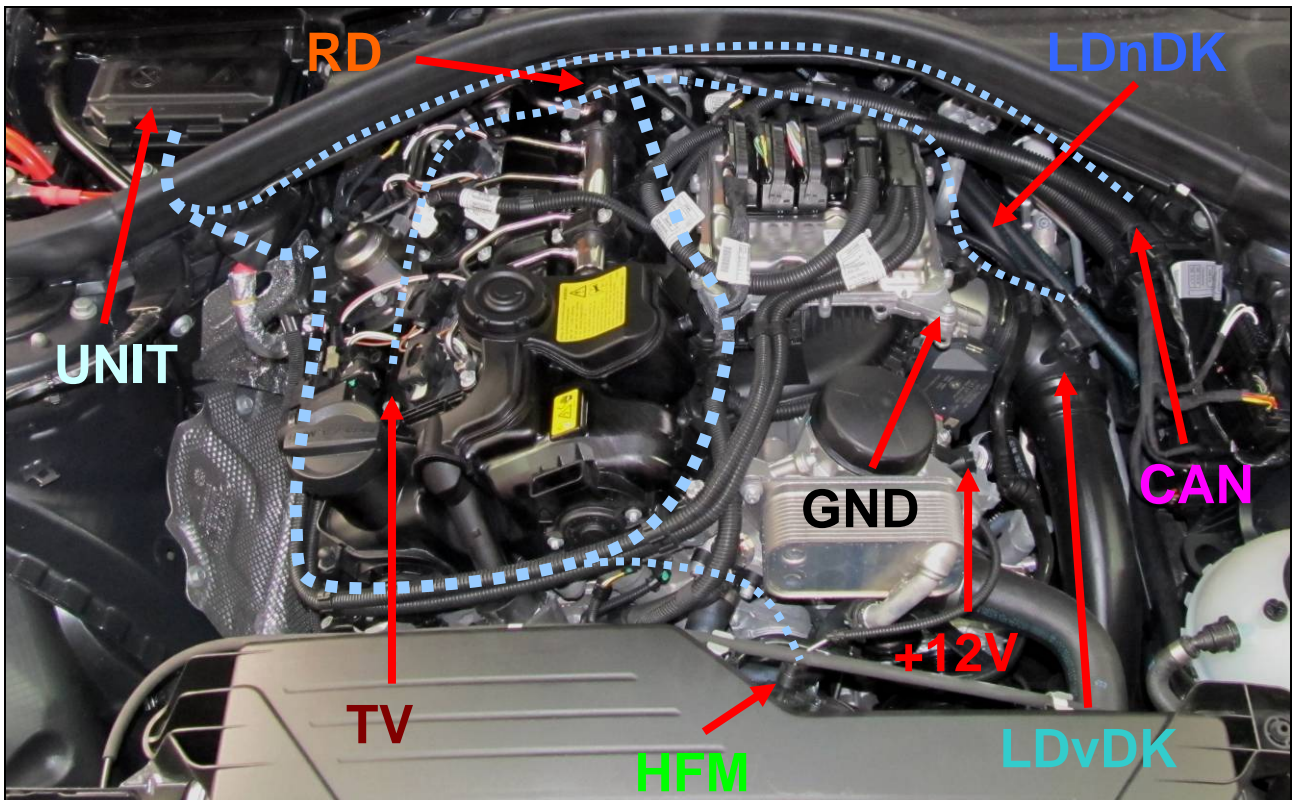


1. Plug&Play-cable harness
2. Power Control Unit
3. assembly material

Installation NoLimit POWER CONTROL UNIT II

The NoLimit cable harness is plugged in-between the reversing sensors/actuators. Then the NoLimit cable harness is fixed along the stock cable harness.

Please find the necessary steps to remove the covers in the workshop manual for this car.

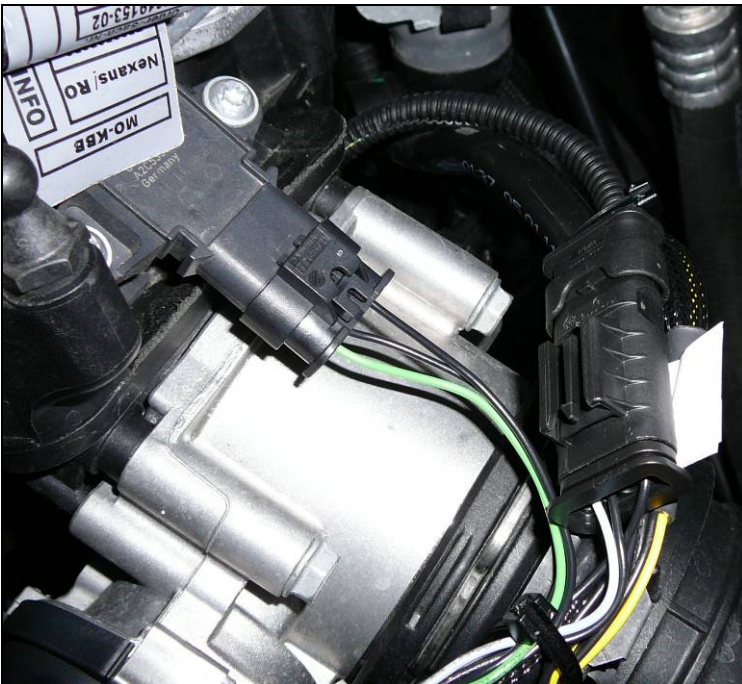


1. Rail pressure (RD)
2. Boost pressure behind throttle valve (LDnDK)
3. Boost pressure before throttle valve (LDvDK)
4. CAN BUS
5. Hot-film air mass meter (HFM)
6. Wastegate (only EURO5) (TV)
7. Ground (GND)
8. +12Volt Power Supply
9. Power Control Unit

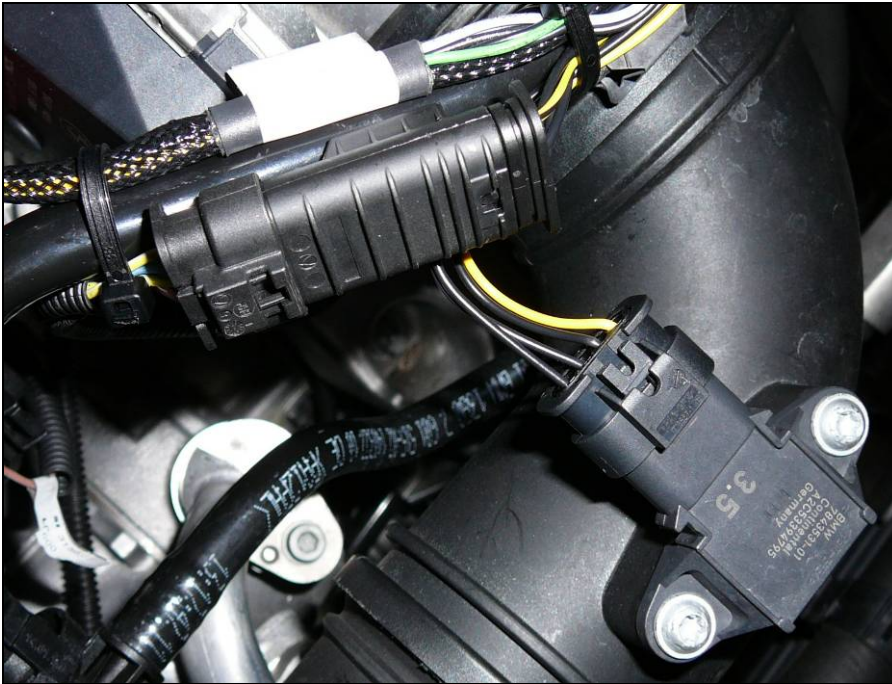
Step 1: Connect Rail pressure (RD).



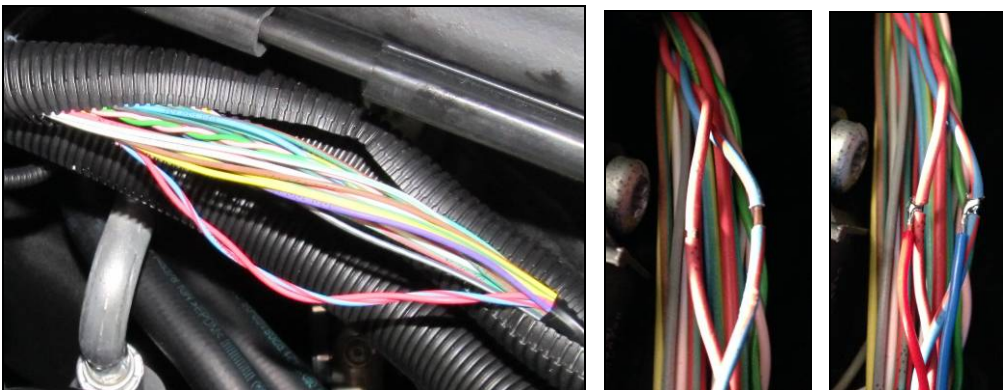
Step 2: Connect Boost pressure behind throttle valve (LDnDK)



Step 3: Connect Boost pressure before throttle valve (LDvDK)



Step 4: connect CAN BUS.



Open corrugated pipe and expose the twisted wires **BLUE / RED & RED**.

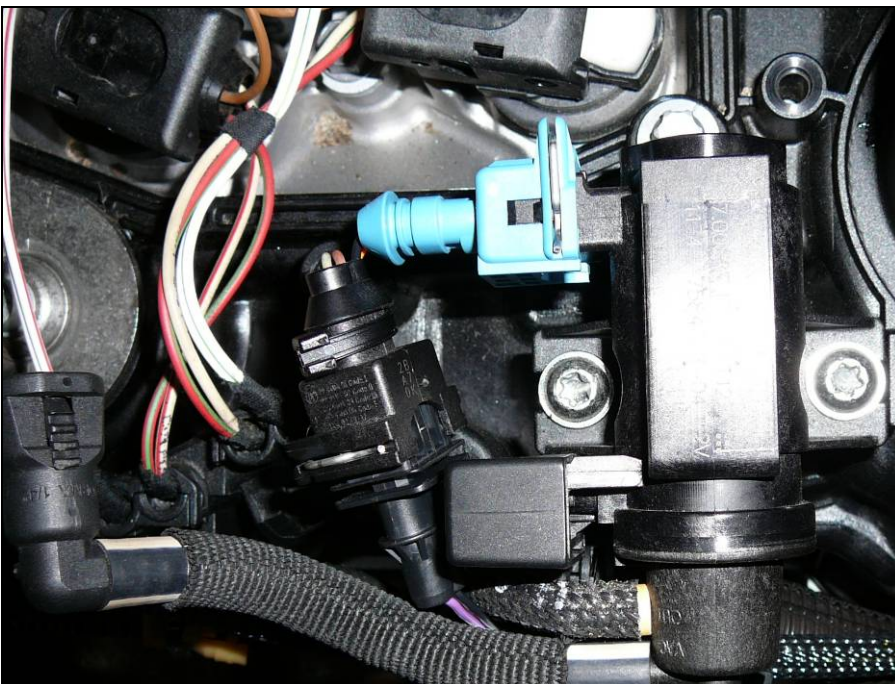
Solder line **BLUE** from P&P harness to **BLUE / RED** (CAN HIGH) from the vehicle.

Solder line **RED** from P&P harness to **RED** (CAN LOW) from the vehicle.

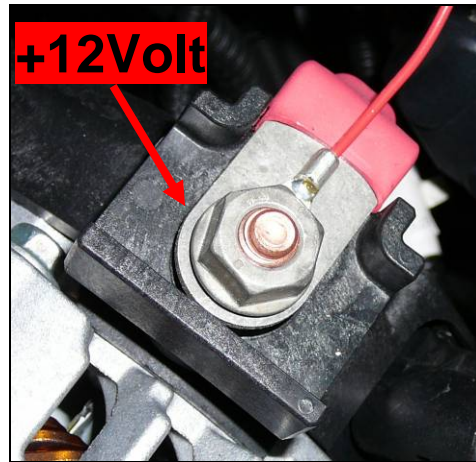
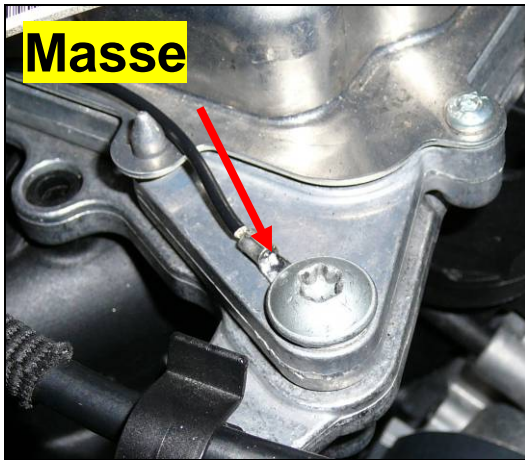
Step 5: Connect HFM.



Step 6: Connect Wastegate, (only for EURO5 Cars!)



Step 7: Connect Ground, and +12V Power Supply.



Step 8: Connect POWER CONTROL UNIT II with cable harness..



Step 9: install cable harness and fix it.

Cable harness free from strains and fix it with the cable ties – avoid sharp edges.

Reinstall all serial parts to the vehicle.

Read out fault memory. If necessary, delete it.

Start the engine.

Take a test drive.