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## **Installation Manual for NoLimit POWER CONTROL UNIT II N63B44TÜ.**

### **BMW N63B44TÜ 50i 330kW/450PS**

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#### **General Information:**

- The NoLimit POWER CONTROL UNIT II 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](mailto:technik@nolimit-power.com)

NoLimit POWER CONTROL UNIT consists of:

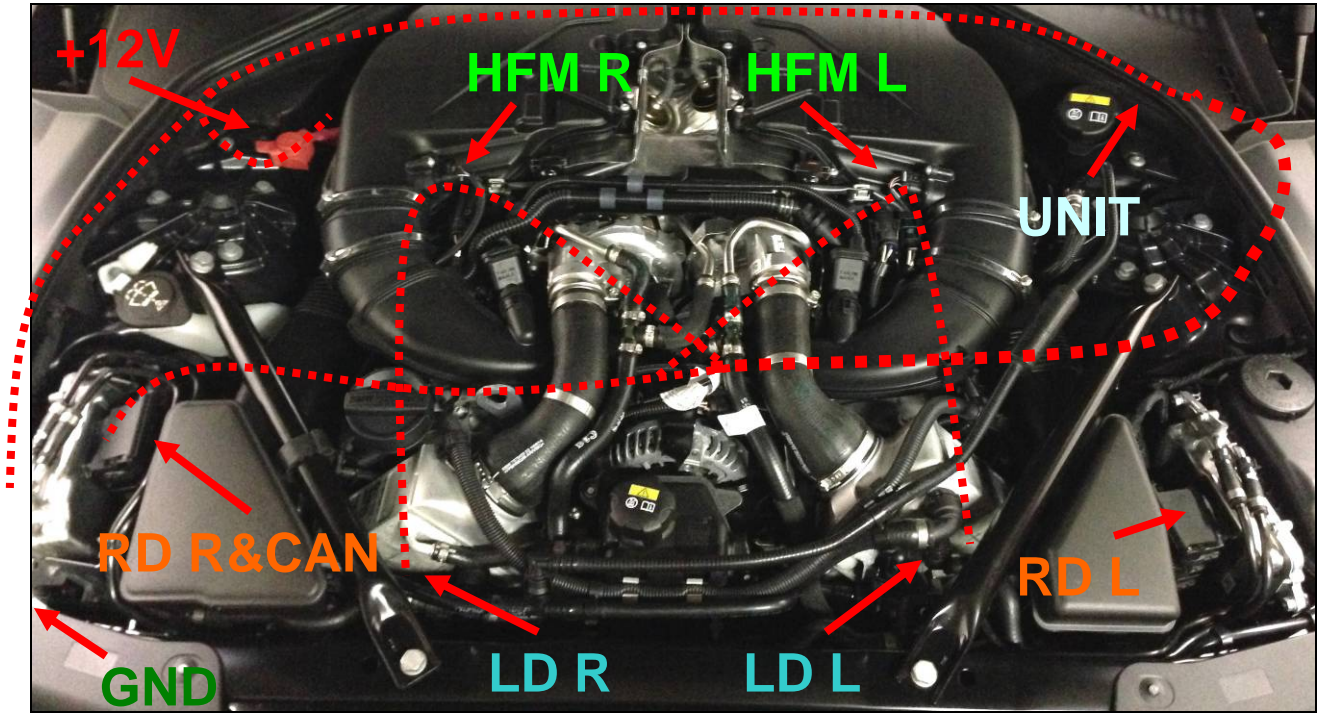


1. POWER CONTROL UNIT
2. Plug&Play-cable harness
3. assembly material

## Installation NoLimit POWER CONTROL UNIT II

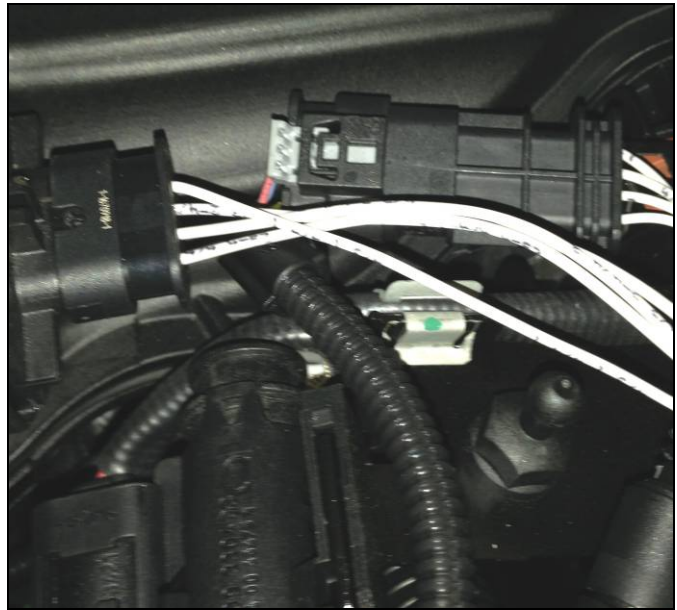
The NoLimit cable harness is plugged in-between the reversing sensors/actuators. Then the NoLimit cable harness is fixed along the stock cable harness.

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

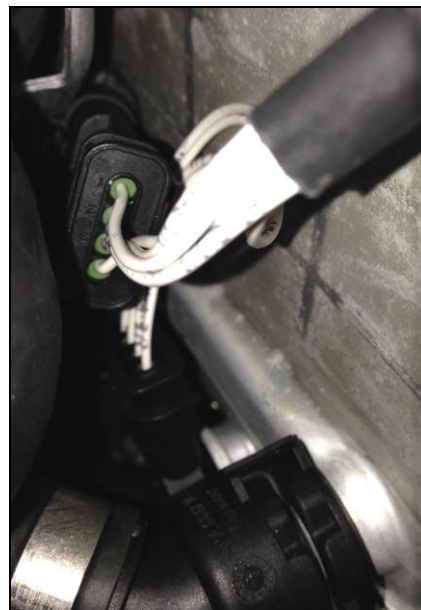


1. Hot film air mass meter (HFM L+R)
2. Boost pressure sensor (LD L+R)
3. CAN BUS and Rail pressure sensor (RD R) pin in
4. Rail pressure sensor (RD L) pin in
5. Ground and +12V Power Supply
6. Power Control Unit

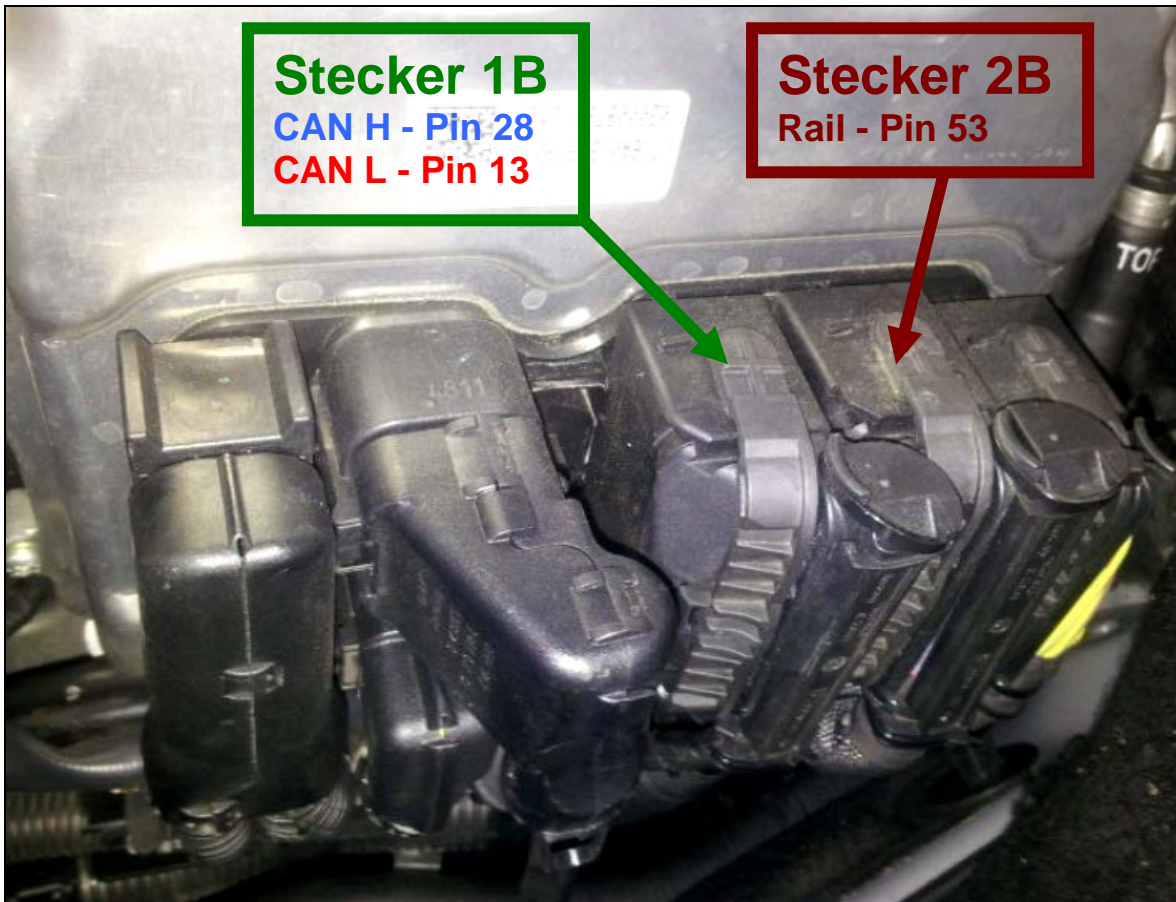
**Step 1:** connect HFM L+R.



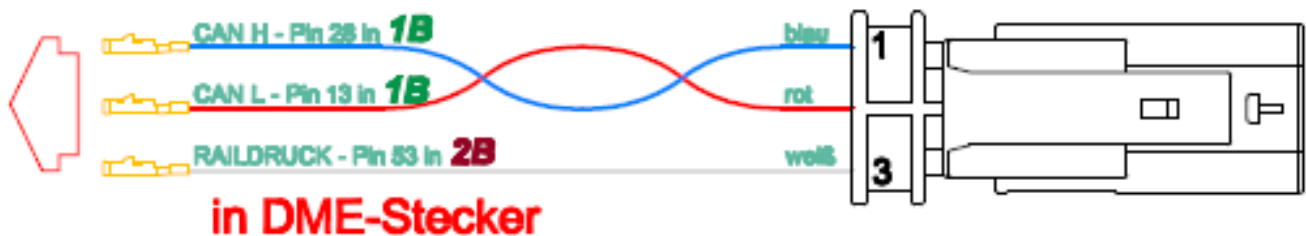
**Step 2:** connect boost pressure sensor L+R.



**Step 3:** connect CAN BUS and rail pressure sensor R pin in.



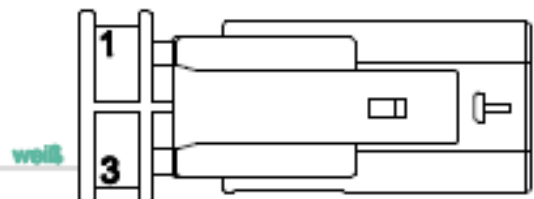
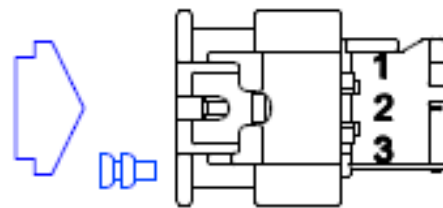
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Step 4: rail pressure sensor L pin in.



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**Step 5:** connect ground and +12V Power Supply



**Step 6:** connect POWER CONTROL UNIT II with cable harness.



**Step 7:** 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.