



Heater fix for BMW and MINI

Typical fault codes:

801189 - Engine mixed air right: Initialization fault

801126 - Engine mixed air right: Initialization fault

This heater fix kit includes all the necessary parts to resolve the heating issue for BMW and MINI vehicles. With this kit, you can easily repair the heater without having to purchase and replace the whole heater unit.

We've enhanced the kit by including an additional shaft, making it compatible for use on both the left and right sides. Each shaft is now marked with an **"R"** (Right) or **"L"** (Left) to indicate the correct side for installation.

According to the Service Information Bulletin the concerned MINI's:

- 2017 Clubman
- 2014-2021 Cooper
- 2014-2017 Cooper S
- 2019-2021 Cooper S
- 2021 Cooper SE
- 2018 John Cooper Works
- 2021 John Cooper Works

And BMW's

- 2020-2021 228i Gran Coupe xDrive
- 2020-2021 i3
- 2020-2021 i3 Range Extender
- 2020-2021 i3 s
- 2020-2021 i3 s Range Extender
- 2020-2021 M235i Gran Coupe xDrive
- 2020-2021 X1 sDrive28i
- 2020-2021 X1 xDrive28i
- 2020-2021 X2 M35i
- 2020-2021 X2 sDrive28i
- 2020-2021 X2 xDrive28i
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The official fix for this problem is to replace the whole heater box which includes removal of the hole dash to get access.

Please before ordering check that the mixing flap is working as intended - it must be able to rotate around 70 degrees by hand.

To gain access to the axel you must remove the kick panel and the actuator.

1. Remove kick panel



2. Uninstall the actuator by...



3. First removing the plug on the actuator (Car need to be off)



4. Second remove the two screws holding the actuator in place.



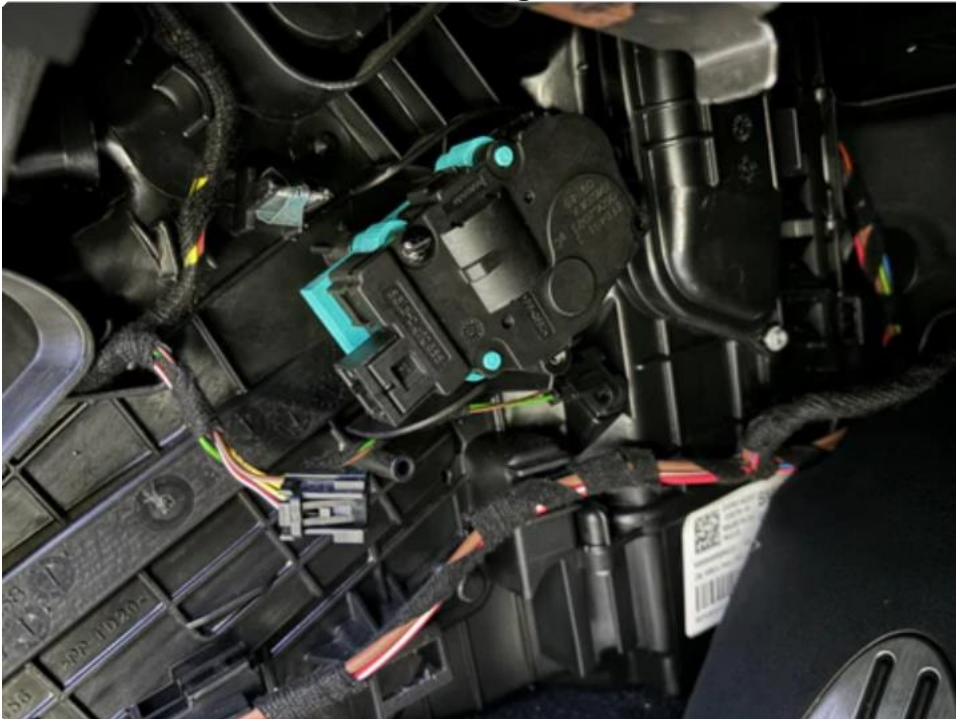
5. Check that the shaft can be moved by hand into both cold and hot position.

6. Leave the shaft in a position where the temperature at wanted and install the actuator again but leave the plug disconnected.

7. After receiving the kit remove the actuator and install the kit - check that the shaft can rotate and hit the stops in both hot and cold setting.



8. Install the actuator with the longer screws that is included in the kit.



9. Make sure to install the plug in the actuator and the kick plate.

10. Clear the fault codes in the controller.

Enjoy that you are again able to control the temperature.

