

# Air Condition Cleaning

## Work instructions



**Vehicle model : BMW E46**  
**Built year: 09/98 automatic climate control**

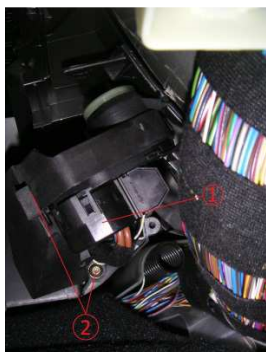
Tools required :

- AIR CONDITIONER SYSTEM CLEANER
- GUN (Art.-Nr. 4090 )
- LIQUI MOLY AIR CONDITION CLEANER ( item no 4092 )
- Screwdriver
- Torx screwdriver

1. During the cleaning process keep the windows open and avoid inhaling the vapour.
2. Ensure that the drain holes for condensation water are open and slide a drip pan under the holes. It should stay in place until you have finished the cleaning work.
3. In order to dry out the evaporator surface before cleaning, follow the steps below :
  - switch off the air conditioner
  - switch the air supply to recirculation mode
  - turn the temperature dial over to max.
  - turn the air distribution to the footwell
  - turn blower speed selector to maximum
  - let the vehicle idle under these conditions for approx. 10 minutes.
4. Disassemble the glove box and the frame which is mounted under the glove box.



5. Remove the actuator (1) of the flapper valve. After that disengage the two screws (2) of the bracket.



6. Remove the dropping resistor to get an access to the evaporator.



7. Fill the A/C cleaning gun with the A/C cleaning fluid, then hook up the pressure hose at pressurised air (4 bar/ 58 psi).
8. Insert the nozzle of the cleaning gun into the opening toward the evaporator.
9. Activate the cleaning gun and sweep the probe back and forth across the evaporator using approx. 0.75 litres of the LIQUI MOLY AIR CONDITION CLEANER.
10. Use the remaining cleaner in the gun to further clean the evaporator by spraying the condensation water drain hoses (as much as possible) as well as squirt the centre, left and right fresh-air-nozzles (short sprays only).
11. After cleaning is finished, do not immediately rinse off the LIQUI MOLY A / C cleaner but give it 15 – 20 min. to kill off all bacteria, fungi and germs.
12. Change the dust/pollen filter.
13. Assemble of the disassembled parts in reverse order as described in point 4.
14. Repeat point 3. to dry the evaporator.