

# Work instructions



## Air conditioner cleaning

### Vehicle model: BMW 7er E 32

1. While cleaning, open the windows and avoid inhaling the vapour.
2. Check to ensure that condensed water drain holes are open, then slide a drip pan under the holes while the cleaning work is under way.
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 switch to the footwell (down), turn blower speed selector switch to max. Let the vehicle idle under these conditions for approx. 10 minutes.
4. Park the vehicle.
5. For cleaning, follow the steps below concerning adjustments to the heater and ventilation settings: Set the air distribution switch to channel air out of the centre nozzle.
6. Remove control unit for air conditioning system.  
Remove cover of dust/pollen filter and take out filter.
7. Remove the control unit for the fresh-air blower.
8. Fill the **Liqui Moly Klima-Anlagen-Reinigungs-Pistole** (A/C cleaning gun), **art. no. 4090**, with **1 litre of Liqui Moly Klima-Anlagen-Reiniger** (A/C cleaner), then hook up to the pressure hose at 4 bar.
9. Guide the sensor of the cleaning gun into the opening of the housing created toward the direction of the evaporator.
10. Activate the cleaning gun and sweep the probe back and forth across the evaporator using approximately 0.75 litres of Liqui Moly Klima-Anlagen-Reiniger mix. This will flush out the evaporator and clean it.
11. Use the residual cleaner in the gun to further clean the evaporator by spraying the condensed water drain hoses (as much as possible) as well as squirt the centre, left and right fresh-air nozzles.
12. After cleaning is finished, do not immediately rinse off the Liqui Moly Klima-Anlagen-Reiniger but let it soak in for 15 - 20 min. to kill off all bacteria, fungi and germs.
13. Re-mount the control unit for the fresh-air blower as well as the water baffle.
14. If dirty, renew dust/pollen filter
15. Take the following steps to dry out the evaporator: Switch off the air conditioner, switch the air supply to cabin recirculation mode, turn the temperature dial over to max., flip the air vent toward the footwell (down), and turn blower to max. Start the vehicle and let it idle under these conditions for approx. 10 minutes.

**Work instructions no. 4093**  
**Sheet 0589**  
**Rev. 09/99**