



### Caution!

Improper use of the system can lead to contamination of the air conditioning service station.

Depressurise the air conditioning service station.

We recommend working according to the specifications for extraction and filling of refrigerants given by the manufacturer of the recycling system.

When the Recycle Guard YF is used, a fully automatic air conditioning process cannot be made on a fully automatic air conditioning service station.



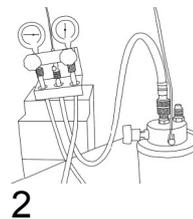
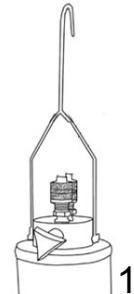
Wear gloves when handling refrigerants!



Wear goggles when handling refrigerants!



Only qualified personnel may work on this unit.



### Using Recycle Guard YF™

Recycle Guard YF removes lubricants, sealants, ink particles and other contaminants from the refrigerant during the recycling process before it enters the recycling machine.

The Recycle Guard YF can be used with both liquid and gaseous refrigerants. However, the recycling process is extended when an excessive amount of liquid refrigerant enters the Recycle Guard YF.

Optimal results are achieved when gaseous refrigerants are recycled. We therefore recommend connecting the Recycle Guard YF to vehicle connections that contain gaseous refrigerants. Before starting the recycling process on the suction side, ensure that the connection on the high pressure side is closed. This can either be made manually or using the software settings.



### Caution!

EMPTY THE RECYCLE GUARD YF TANK AFTER EVERY RECYCLING PROCEDURE!

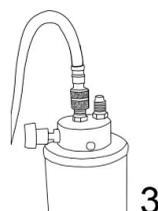
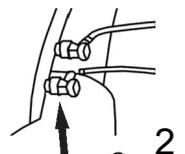
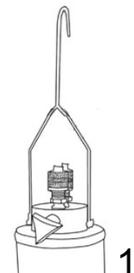


### Important!

The Recycle Guard YF filter system (item no. 8885200061 / spare filter) should be replaced after 50 operating hours (recycling / refilling) or when the recycling speed on the air conditioning maintenance machine is significantly reduced.

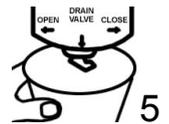
### Equipment connections

- Fasten the enclosed bracket to the unit using the two screws (included). The Recycle Guard YF must be fastened and operated in an UPRIGHT position (see fig. 1).
- Disconnect the blue quick coupling from the connection on the recycling machine (see fig. 2).
- Connect the blue quick coupling to the intake connection (centre) of the Recycle Guard YF (see fig. 3).
- Connect the end of the additional hose (LP connection) to the suction connection of the Recycle Guard YF.



## Recycling operation

- Connect the suction maintenance hose of the Recycle Guard YF to the vehicle.
- Turn the rotary control on the Recycle Guard YF CLOCKWISE up to the stop (see fig. 4).
- Carry out the recycling procedure according to the manufacturer's instructions.
- After the recycling process, place a small container (ca. 200 ml) underneath the Recycle Guard YF.
- Open the drain valve on the Recycle Guard YF (see fig. 5). Close the drain valve after the unit has been emptied.
- Determine the drained oil quantity and feed this amount back into the air conditioning system manually before the filling process is made.
- Dispose of the collected sealant, oil and ink particles according to valid local and national regulations.



## Evacuating and filling:

- Turn the rotary control ANTI-CLOCKWISE up to the stop (hand-tight only) in order to bypass the filter circuit (see fig. 6).
- Consult the manufacturer's instructions on the extracting and filling of refrigerants.
- Connect the high pressure service hose (red) to the air conditioning system.

## RECYCLE GUARD YF™ – REPLACING THE FILTER

- Disconnect all hoses and remove the Recycle Guard YF from the air conditioning service station.
- Unscrew the valve body (upper side) from the Recycle Guard YF tank to access the filter elements (see fig. 1).
- Remove the o-ring and replace it. This is included in the replacement set (see fig. 2).
- Unscrew the primary drum filter from the valve body and replace it with a new filter element (see fig. 3).
- Remove both hex screws from the cover of the secondary filter element (round disc Ø 25 mm) and remove the cover (see fig. 4).
- Remove the upper holder ring, secondary filter and machine filter.  
The secondary filter and machine filter are found under the element cover between two holder rings (see fig. 5).
- Install the new secondary filter, machine filter and holder rings in the valve body of the Recycle Guard YF in reverse order.
  - a) Insert a holder ring (facing downwards) into the valve body.
  - b) Insert the machine filter.
  - c) Insert the secondary filter (paper).
  - d) Insert the second holder ring.
  - e) Fasten the cover of the secondary filter element using the hex screws.
- Remove all impurities and foreign bodies from the Recycle Guard YF tank and the drainage opening.
- Reassemble the unit.
- Reattach the Recycle Guard YF and connect all hoses to the corresponding connections.
- Start normal operation again.

