

# Advance Advance+



# Notes:

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# 1 PREFACE

The machine has been designed and built to ensure long lasting, high-level operating reliability with maximum safety for user.

**This operating manual is part of the machine.**

**Read carefully before use.**

- The user is responsible for the proper use of the machine in accordance with the instructions found in this operating manual.
- The manufacturer cannot be held responsible for damage to persons, animals and/or objects due to improper use different to that illustrated in this instruction manual.
- The manufacturer reserves the right to make technical and aesthetic alterations to the machine without prior notification.

**The purpose of this operating manual is:**

- To supply the user with all the information needed to use the machine starting from purchase on through to the disposal of this same machine.
- To ensure maximum support for the personnel assigned to the use and the maintenance of the machine.

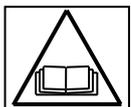
For any special needs or requests for technical assistance or spare parts, please contact the manufacturer.

**This document may contain printing mistakes.**

# 2 SYMBOLS



this safety alert symbol indicates that this message involves personal safety. Works danger, warning and caution indicate degree of hazard. Death, personal injury and/or property damage may occur unless instructions are followed carefully.



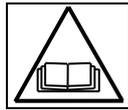
You are not ready to operate this machine if you have not read and understood the following safety items. Read this entire OPERATING MANUAL.

### 3 FORESEEN USE

The machine is designed solely for use in automobile air-conditioning system maintenance. This Service station may only be used with the refrigerant R134a and Silco UV Dye

**It's forbidden to use the machine for disposal process!**

### 4 SAFETY



The user is obliged to follow the "General safety rules", to use the machine in according to the "intended use" and the instructions of this operating manual.

Therefore, the user is not exposed to any risk if the general safety rules reported below are followed with proper use and maintenance of the machine.

#### 4.1 Glossary of Terms

- Machine: The machine relative to this operating manual.
- Refrigerant : Fluid reported on the identification label.
- A/C system: Air-conditioning system in the vehicle.
- External tank: New Refrigerant used to fill the internal vessel.
- Internal vessel: Refrigerant storage tank inside the station.
- Process: Execution of an individual function (e.g. Recovery).
- Cycle: Execution of more processes.
  
- **Recovery**: The recovery of refrigerant in any condition and its storage in a container outside the A/C system, without necessarily undergoing analysis or treatment of any kind.
- **Recycling**: A reduction of the contaminating substances in used refrigerants through oil separation, the recovery of incondensable and their single or multiple passage through elements that enable a reduction in humidity, acidity and particles.
- **Evacuation**: Phase in which incondensable and moisture are evacuated from an A/C system solely by means of a vacuum pump.
- **Oil charge**: Introduction of oil inside an A/C system for the purpose of maintaining the amount of oil specified by the manufacturer.
- **UV dye charge**: Introduction of UV dye inside an A/C system in order to detect possible leaks by means of a UV lamp.
- **Refrigerant charge**: Phase during which refrigerant is introduced into an A/C system in the amount specified by the manufacturer.

## 4.2 General safety rules

- This machine is intended for use by **QUALIFIED PERSONNEL** only. Such users must have a knowledge of the basics of refrigeration, refrigeration system, refrigerants and the potential hazards that machine under high pressure can cause.
- DO NOT modify the safety devices
- DO NOT use external tanks or other storage tanks that have not been type-approved or that lack safety valves.
- DO NOT use the machine near open flames and hot surfaces. At high temperatures, the refrigerant decomposes, releasing toxic and chemical substances that are hazardous for users and the environment.
- It's obliged to supervise the machine at all times.
- It's obliged to use only the refrigerant indicated on the identification label. Mixtures with other types of refrigerant will seriously damage the cooling and refrigeration system, as well as the machine.
- It's obliged to use goggles and gloves - contact with the refrigerant can cause blindness and other physical injury to the user.
- Avoid inhalation of vapours from the refrigerants and contact of the refrigerant with skin.
- Avoid to leave power supplied to the machine unless the machine is going to be used immediately. Cut off the electrical power supply prior to long intervals in which the machine will not be used.
- Attention: Ensure that all valves are closed before making connections between the machine and an A/C system or an external tank.
- Attention: Ensure that the process has been completed and that all valves are closed before disconnecting the machine.
- Attention: All of the flexible hoses may contain refrigerant under high pressure.
- Attention: The machine and A/C system in vehicles containing refrigerant should not be tested with compressed air. Some mixtures of air and refrigerant have proven to be combustible at high pressure levels. These mixtures are potentially hazardous and there is a risk of fire and explosions that can cause damage to property and personal injury. Additional medical and safety information can be obtained from the manufacturers of the oils and refrigerants.

## 4.3 Guidelines for handling refrigerants

### 4.3.1 Precautions for Refrigerant Storage

The refrigerant to be removed from a system must be handled carefully in order to prevent or minimize the possibilities of different refrigerants mixing. The tank used for storing refrigerants must be assigned to specific refrigerants to avoid different refrigerants mixing.

### 4.3.2 Recycling Capacity

The recycling machine's filter system should be replaced regularly in order to maintain the efficiency of the recycling machine.

### 4.3.3 General notions

Before re-introducing refrigerant into the system, the system itself must be evacuated and cleaned. In order to be sure that the system is free of contaminating agents before introducing the refrigerant, all the procedures described in this instruction manual must be followed.

Clean and maintain the machine regularly, especially when highly contaminated refrigerant is used: it is extremely important that contamination from the previous operation is not transferred to subsequent operations.

## 4.4 Safety devices

The machine is equipped with the safety devices required from the European Directives:

- **Electric safety switch.**
- **Safety valve**



**DO NOT MODIFY THE SAFETY DEVICES!**

## 4.5 Not condensable gases discharge

A not condensable gas discharge valve is installed to consent the evacuation of the not condensable-gasses in the internal vessel.

The not condensable gas discharge valve could generate noises.



Never approach the not condensable gas discharge valves! Danger of pressurized gas discharge

## 4.6 The working environment

- The machine must be used in open environment or in places equipped with good ventilation (at least 4 changes of air per hour).
- The machine has been designed for use at a maximum altitude of 1000 m above sea level, within a temperature range of +5 and +40°C and with a maximum humidity of 50% at +40°C.
- Operate in sufficiently light conditions.

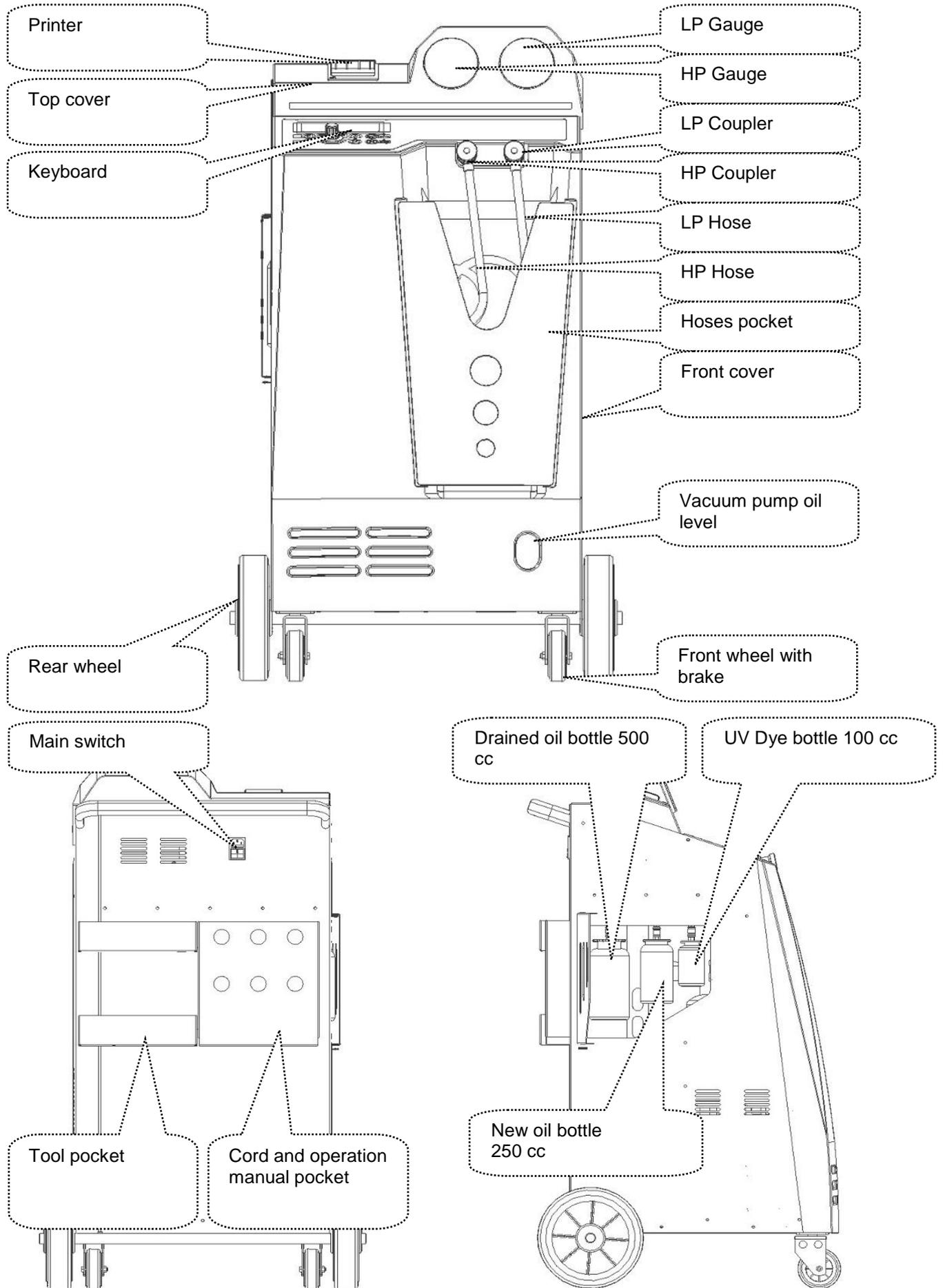
## 5 USE OF THE SERVICE STATION

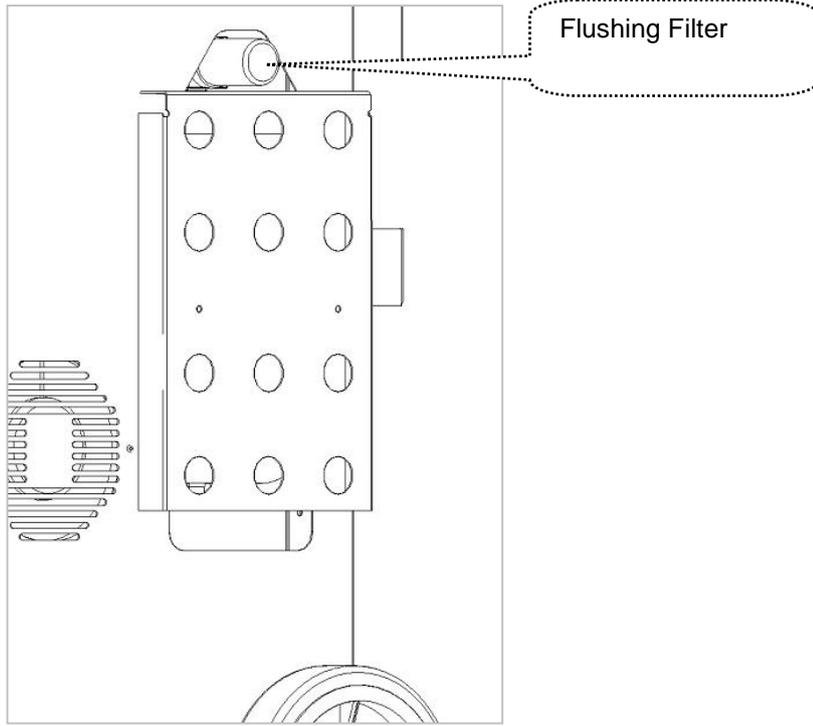
### 5.1 Unpacking and checking of components

Remove the machine packaging and ensure that the following parts are present:

- **This operating manual.**
- Adaptor 1/4SAE F-SAE J639 HP
- Adapter gasket
- Bottle 250 cc.
- EC/PED documentation

## 5.2 Service station description





**Advance+**

<b>Technical features</b>	<b>Service Station Advance/Advance+</b>
Power supply	230V+/-10% 50Hz
Operating temperature range	5/40°C
Refrigerant	R134a
Internal vessel capacity (kg)	20
Maximum pressure (PS)	19 bar
Compressor	1/3 HP
Recovery rate (liquid)	490 g/min'
Not condensable gas discharge	Automatic
Main drier filter	Type 300/660 cc
Fan	172 mm
Oil discharge	Automatic
Bottle capacity	500 cc
Weight scale	60 kg
Accuracy (+/-)	2 g
Vacuum pump	100 lt/min
Final pressure (mb abs)	0,05
Electronic vacuum meter	YES
Oil charge	Automatic
Bottle capacity	250 cc
UV tracer charge	Automatic
Bottle capacity	100 cc
Refrigerant charge	Automatic
Service hoses compensation	Automatic
Flushing program	YES

<b>Configuration</b>	<b>Service Station Advance/Advance+</b>
Display	4 x 20 crt
Keyboard / Encoder	YES
Car Data base (32 Mb )	YES
Printer	Build on
Gauges (pulse free)	D 80 mm
Service couplings	Parker SAE J639
Service hoses (SAE J2196)	2,5 m GY
Pocket tools	YES

### 5.3 Machine handling

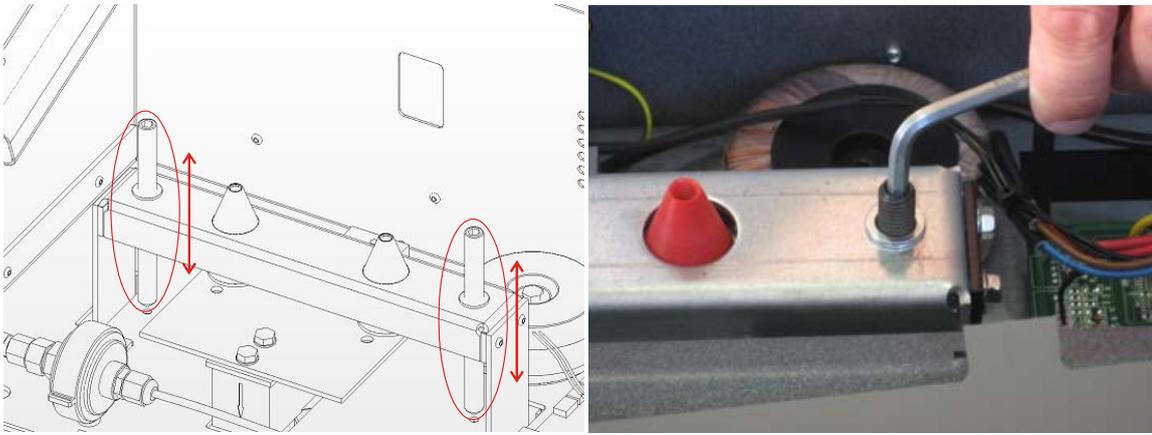
In spite of the fact that the heaviest components have been assembled on the base in order to lower the centre of gravity, it has not been possible to eliminate the risk of overturning completely.

The machine is moved on the four wheels.

On roughly ground, the machine **must be moved by tilting it and balancing the weight on the two rear wheels.**

### 5.4 Preparation for use

At the purpose to protect the weighting system the scale is blocked by two screws.



In order to activate the machine, please refer to Chap. 9.

### 5.5 Turning on and switching off

Turning on: Move the main switch to the ON position (I)

Switching off: Move the main switch to the OFF position (O)

**DO NOT shut down the station by disconnecting the power cord!**

### 5.6 Stillstand for longer periods

The machine should be positioned in a safe area, disconnected from the power supply and protected from excessive temperatures and humidity.

### 5.7 Disposal

At the end of the machine's lifetime deliver it to a disposal centre.

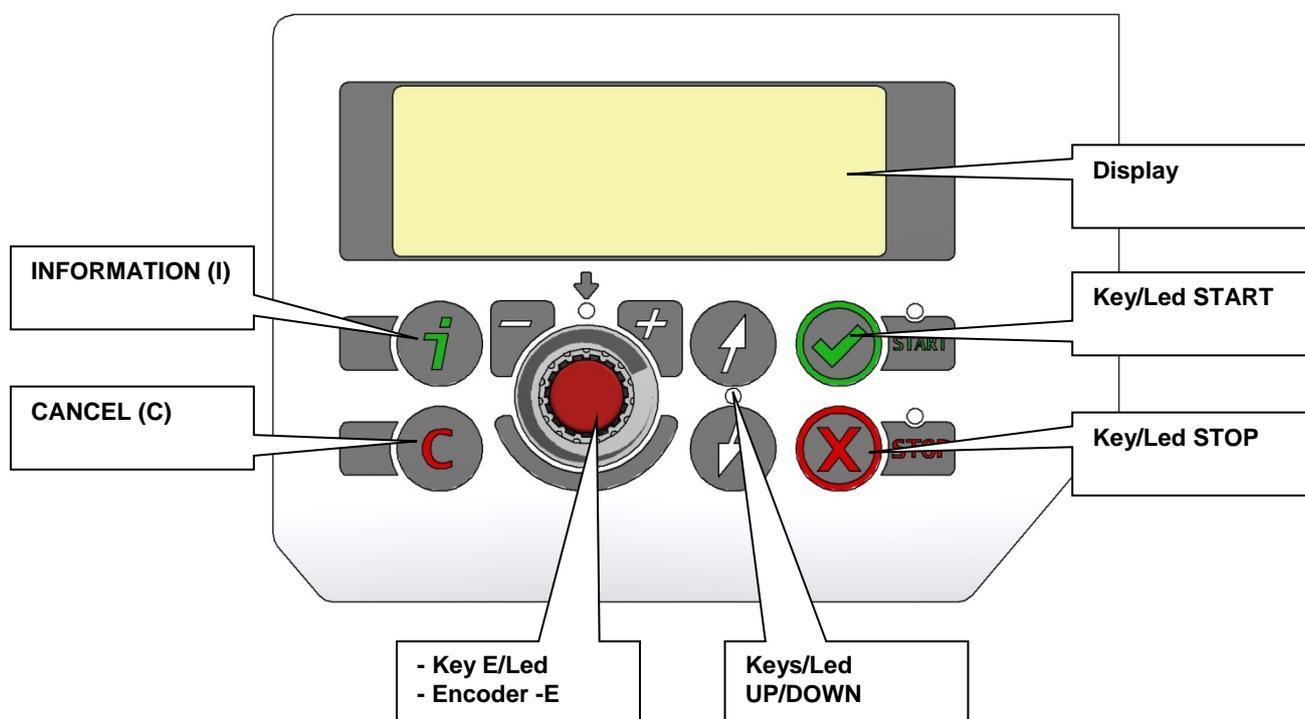
### 5.8 Recycled material disposal

The lubricants extracted from A/C system must be delivered to used oil collection centre!

## 6 START-UP

### 6.1 Keyboard description

Refer to the following drawing:



Press the Power Switch (I) to turn on the equipment.

Display (Stand-by)

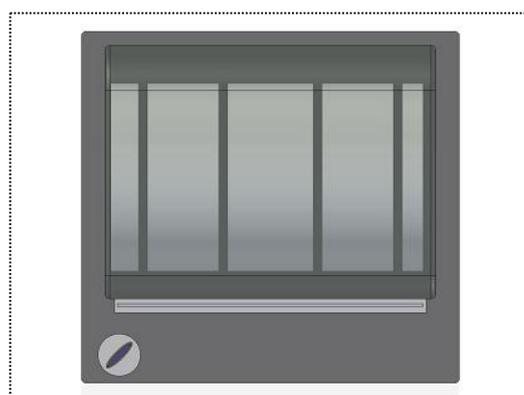
Silco d.o.o.  
Braslovce

01-02-2014 10:20:30

Change the lines by the menu **“Company name”** (See Chap. 6.2.2)

#### 6.1.1 Printer

Paper: L 58 mm  
Diameter: D 40 mm



Paper feed ---

**A) Before a process:**

Max 20 characters (Plate nr., Chassis nr., etc..)

CAR DATA:  
v  
234567890 ABCDEFGHI

**B) At the end of a process**

Press "START" key for printing.

Press "STOP" key to end.

Service report  
printing by "START"

**6.1.2 Program selection**

Press "I" key to check the quantity of available refrigerant.

Press "I" key to come back in stand-by.

Available quantity:  
Refrigerant g. ////  
  
01-02-2008 10:20:30

Press "E" key to select a process

Turn "ENCODER" to select the required program.  
The symbol "O" shows the position.

Full service  
  
«««««O»»»

**The following programs are available:**

**Basic menu**

- Service
- Vessel charge
- Basic settings
- Date - Time
- Company name
- A/C pressure test
- A/C flushing
- Change of oil type
- Scale reset
- Maintenance

**Full service data base**

**Smart service**

**Full service**

**Advanced program**



### 6.2.3 Personal settings

The procedure allows to pre-set some basic settings for automatic programmes.

Turn "ENCODER" to select Basic menu. Press "E" key to confirm.

Turn "ENCODER" to select Personal setting Press "E" key to confirm

1 - Recovered refrigerant quantity and oil are reported on the print-out

0 - The data are not reported.

Print recovery data

1

Turn "ENCODER" to select 1 or 0. Then press "E" key to confirm

The default value is applied in:

Full service database Full service Smart service

Turn "ENCODER" to set. Press "E" key to confirm

Refrigerant residual  
check

min. 2

The default value is applied in:

Full service database Full service Smart service

Turn "ENCODER" to set. Press "E" key to confirm.

Leak test

min. 2

The default value is applied in:

Full service database Full service Smart service

Turn "ENCODER" to set. Press "E" key to confirm.

PAG Oil cc. 8

The default value is applied in:

Full service database Full service Smart service

Turn "ENCODER" to set. Press "E" key to confirm.

**NOTE:** Set "0" to by-pass the process!

UV Dye min cc. 5

**MIN. Qt. = 5 cc!!!**



1 Printer build on

0 Printer off line or not installed.

Turn "ENCODER" to select 1 or 0. Press "E" key to confirm.

OPTIONAL

PRINTER

1

Turn "ENCODER" to select language.  
Press "E" key to confirm

English

SN:Serial number, 361363: Production index (ex).  
Press "STOP" key to exit.

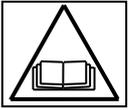
SN000000 361363

## 6.3 First time use and vessel charge

The equipment contain not enough refrigerant to run.  
The available quantity could be negative (i.e.: -500 g.)  
It is necessary to put new refrigerant into the internal vessel before the use.

Turn "ENCODER" to select Basic menu. Press "E" key to confirm.

Turn "ENCODER" to select Vessel charge. Press "E" key to confirm.



Display (2 sec)

**NOTE:** The message is always shown before processes.  
It does not mean something is wrong, it is only a reminder to check the quantity of Oil and UV Dye in bottles.



Connect the RED hose to a new tank of refrigerant.  
If available, open the liquid tank valve (RED).  
If no, turn the tank up-side-down.

Turn "ENCODER" to set the value.  
Minimum: 800 g.  
Maximum: the value shown by the display.  
Press "E" key to confirm.

Press "START" key to confirm

Process start.

**WARNING!**  
Verify Oil and UV  
quantity in the bottles.

Connect HP hose to  
the external tank.  
Open the valve  
liquid side.

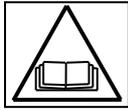
Set the quantity.  
  
g.////

Confirm by "START"

Start in process

Vessel charge in process.  
Pressure mb.  
Refrigerant g.////

**MESSAGE:** If the equipment senses a pressure lower than the minimum value for the process.



- Replace the external tank, then press “START” key to confirm
- Press “STOP” key to complete the process.

Process completed.

Close the tank valve and disconnect the red hose from the tank.

Press “START” key to confirm.

Press “STOP” key to end.

Equipment with printer: See Chap. 6.1.1

Verify:

- Ext. Tank empty?
- Tank valve closed?

Vessel charge end.

Close the external tank valve.

Refrigerant recovery  
from the  
service hoses.

Vessel charge end.

g. ////

## 7 PROGRAMMES

### 7.1 Full service

Press "E" key to select.

Press "E" key to confirm!

Full service

««««O»»»»

Turn "ENCODER" to set the amount of refrigerant to be charged into the A/C system.  
Minimum: 50 g.

Press "E" key to confirm!

Set charge amount:

Quantity g. 500

Turn "ENCODER" to set the port to be used for charging  
(usually HP)

HP PORT

LP PORT

HP & LP port simultaneously

Press "E" key to confirm!

Charge A/C system by

HP PORT

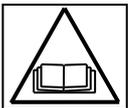
Press "START" key to start the complete service process.

Start in process

The service station performs all the processes:

- Recovery, residual refrigerant check, draining of used oil
- Evacuation, Leak test
- Fresh Oil charge
- UV Dye charge
- Refrigerant charge.

**NOTE:** During the evacuation time, quantity of recovered refrigerant and oil could be checked by pressing the "I" key.



Processes end.

Recovery

Refrigerant g. ///

Oil cc. //

Perform the A/C system pressure test  
Press "STOP" key to confirm.

Verify the A/C  
system pressures.

Follow the instructions.

Disconnect the HP/LP  
service hoses from  
the A/C system!

Press "START" key to confirm.

Refrigerant recovery  
from the  
service hoses.

At the end all the process values are  
reported on the display.

Recovery  
  
Refrigerant g. ////  
Oil cc. ///

Vacuum  
  
mb. ///

Press "STOP" key to end.  
Press "START" key to print.  
Then press "STOP" key to end.

A/C system charge  
  
Quantity g. ////

## 7.2 Full service database

Press "E" key to select.

Press "E" key to confirm.

The memory contains the data of the main cars and trucks on the market.

Press "E" key to select.

Press "E" key to confirm.

Turn "ENCODER" to select the brand  
Press "E" key to confirm.

Turn "ENCODER" to select the car  
Press "E" key to confirm.

Turn "ENCODER" to select the version of the same car.  
Press "E" key to confirm.

Refrigerant capacity and oil viscosity are shown.  
For more information, press "I" key.

Oil type or original code  
Total oil inside the A/C system

Press "I" key returning back.

Press "START" key to confirm.

**From this point on the programme continues as "Full service".**

Full service database

«««O»»»»

Volkswagen

Volkswagen  
Beetle

Volkswagen  
Beetle  
1998÷2008

Volkswagen  
Beetle  
ISO 46  
g. 725

G052 154 A2  
PAG 46 ml. 135

## 7.3 Smart service

Press "E" key to select.

Smart service

«««O»»

The program is similar to "Full service".

If the service station recognizes there was no significant leakage (therefore no moisture) in a system some processes will be by-passed and some sped up. This way valuable time, energy and egeral costs will be saved. For an average passanger car the complete service will be done in less than 10 minutes.

## 7.4 Advanced programme

Press "E" key to select.

Advanced programme

««««O

Press "E" key to confirm.

Turn "ENCODER" to select the program or more programs.  
The following selections are available:

Recovery

**Recovery**

**Evacuation**

**A/C system charge**

**Recovery / Vacuum**

**Recovery / A/C system charge**

**Vacuum / A/C system charge**

**Recovery / Vacuum / A/C system charge**

Press "E" key to confirm.

### 7.4.1 Process settings

#### Recovery

Turn "ENCODER" to set the value.

Minimum: 1 min.

Maximum: 12 min.

Press "E" key to confirm.

Residual refrigerant  
check.

min. 2

#### Evacuation

Turn "ENCODER" to set the vacuum time.

Minimum: 0 min. (no time)

Maximum: 999 min.

Press "E" key to confirm.

Vacuum time  
min. 20

Leak test min.

Turn "ENCODER" to set the leak test time.

Minimum: 0 min. (process excluded)

Maximum: 60 min.

Press "E" key to confirm.

## A/C system charge

### **A) In case of evacuation selected.**

Turn "ENCODER" to set the oil value.  
NOTE: The value is added to the quantity drained.  
Minimum: 0 g.  
Maximum: 150 g.  
Press "E" key to confirm.

PAG Oil	cc.	8
UV Tracer	cc.	_
Refrigerant	g.	_____

Turn "ENCODER" to set the UV tracer value.  
Minimum: 0 g. (process excluded)  
Maximum: 50 g.  
Press "E" key to confirm.  
Turn "ENCODER" to set the refrigerant amount.  
Minimum: 50 g.  
Press "E" key to confirm.

### **B) In case of vacuum not selected.**

Refrigerant	g.	_____
-------------	----	-------

### **C) In case of A/C system charge**

Turn "ENCODER" to set (normally HP)  
Press "E" key to confirm.

Charge A/C system by
HP PORT

Press "START" key to confirm

Confirm by "START"
--------------------

The equipment performs all the process selected.

Start in process
------------------

## 7.5 A/C Flushing

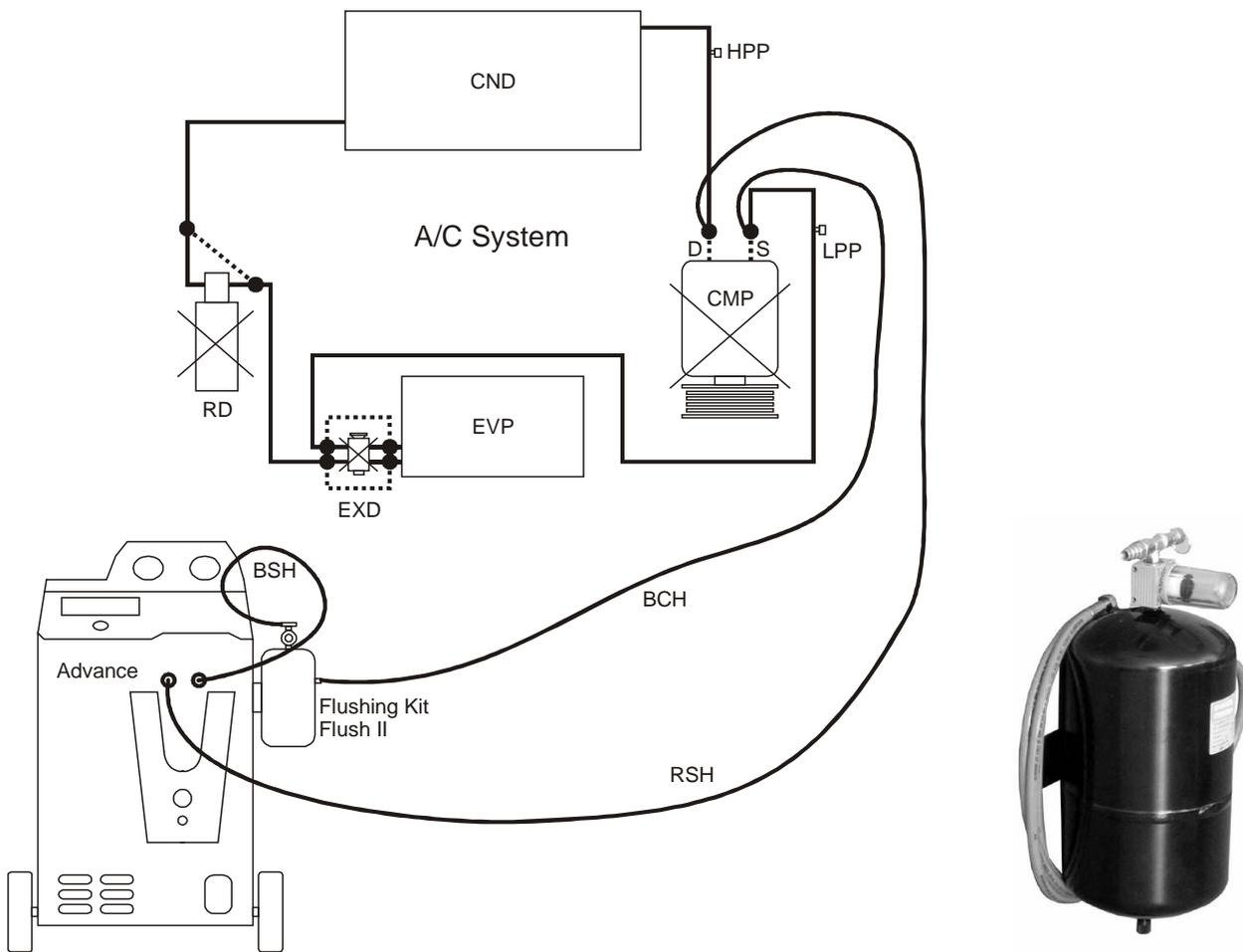


In order to thoroughly clean the A/C system, the unit performs a washing process of A/C's interior with refrigerant R134a.

The following components:

- compressor
- receiver drier
- expansion valve/orifice tube

must be removed. Instead connection adapters should be installed in order to close the circuit. See the picture beneath.



RSH – Red service hose  
 BCH – Blue hose  
 S – Compressor inlet  
 LPP – LP service port  
 RD – Receiver Drier  
 EVP - Evaporator

BSH – Blue service hose  
 D – Compressor outlet  
 CMP – Compressor  
 HPP – High pressure service port  
 EXD – Expansion device

Flushing kit Flush II  
 Pr. Nr.: 99.120

Turn "ENCODER" to select Basic menu.  
Press "E" key to confirm.  
Press "E" key to select.

A/C Flushing  
«««««O»»»»»

Select the number (1-4) of the required flushing cycles.

Flushes reqd.:  
1

Data about the vehicle could be entered.  
Press "START" key to confirm.

CAR DATA:  
v  
234567890 ABCDEFGHI

Press "START" key to confirm.

Confirm by "START"

Flushing will be performed as many times as selected before  
After each process the flushing direction can be changed  
by exchanging the position of RSH and BCH  
(BSH in case of Advance+) connectors to A/C system (D or S)

Flushing in process  
Please wait!  
»»»»

Press "STOP" key to end.  
Press "START" key to print.  
Then press "STOP" key to end.

Flushing completed.  
Oil cc. //



Press the "Stop" key to finish and return to the Main menu.

Internal flushing  
End!

## 7.7 A/C PRESSURE TEST

In order to check the A/C system pressures, perform the following instructions:

Turn "ENCODER" to select Basic menu.  
Press "E" key to confirm.

A/C pressure test

Press "E" key to confirm.

Check the A/C system pressure.  
At the end press "X" key.

Verify the A/C  
system pressure.

Disconnect the service hoses with the A/C system OFF!

Disconnect the HP  
Service hose (red)  
from the A/C system

Press "START" key to confirm.

Refrigerant recovery  
from the  
service hoses

Wait the end.

## 8 MAINTENANCE

Turn "ENCODER" to select Basic menu.  
Press "E" key to confirm.  
Press "E" key to select.

Select:

Historical counters

Possible selections:

Operation history

Next service

Counter reset (password required)

Press "E" key to confirm.

### 8.1 Operation history



The machine has a memory to record refrigerant usage monthly for the previous twelve months. Beyond this period it will overwrite the data for the month in question

01/2014

134a recovered  
Kg. 10.0

Turn "ENCODER" to select the following counters:

Refrigerant recovered from A/C system  
Refrigerant recovered from external tank  
Refrigerant filled to A/C system

The display shows in sequence all the months and the total per year.

01/2014

134a recovered  
Kg. 210

Press "START" to print the report

### 8.2 Next service

By this menu is possible to check the next service required

Filter replacement  
within ///./ Kg.  
of R134a recovered  
Part. Nr.: 07.500

Turn "ENCODER":

Oil pump replacement  
within /// min.  
pump working time.  
Part. Nr.: 8020

### 8.3 Counter reset –password required!



Change the filter and/or the vacuum pump oil BEFORE reset!

Use only genuine spare parts or their equivalent!

The use of replacement parts which are not of equivalent quality may damage the machine!



The machine has a memory to record refrigerant usage monthly for the previous twelve months. Beyond this period it will overwrite the data for the month in question

Select counter.  
R134a recovered

By this menu is possible to reset the counter relative to the filter.

Select counter.  
Vacuum time

By this menu is possible to reset the counter relative to the vacuum pump oil.

Press “E” key to confirm.

Counter reset.  
Confirm by “C”  
min. ///

Press “C” key to confirm.

Counter reset.  
Confirm again!

Press “C” key to confirm.

### 8.3.1 Filter replacement



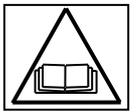
It's obliged to use goggles and gloves!  
Contact with the refrigerant can cause blindness and other physical injury to the user!

At the purpose to reduce the internal pressure, before dismount the filter, start a recovery process!



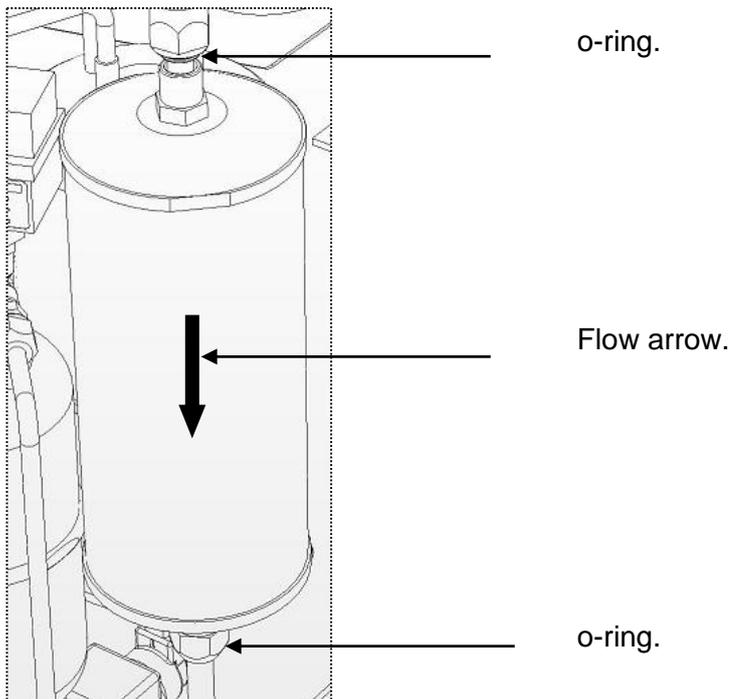
Disconnect the plug from the supply!

Dismount the front cover.  
By two wrenches unscrew the filter's nuts.  
Avoid torques on copper pipes!



Disposal in according to local directives!

Dismount the two o-rings from the copper pipes.  
Lubricating and positioning correctly the new o-rings  
Assembly the new filter. The flow arrow must be on the bottom direction!

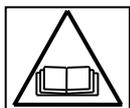


Screw the filter's nuts.  
Assembly again the front cover.

### 8.3.2 Vacuum pump oil replacement



Disconnect the plug from the supply!  
It's obliged to use gloves!



The oil extracted must be delivered to used oil collection centre!

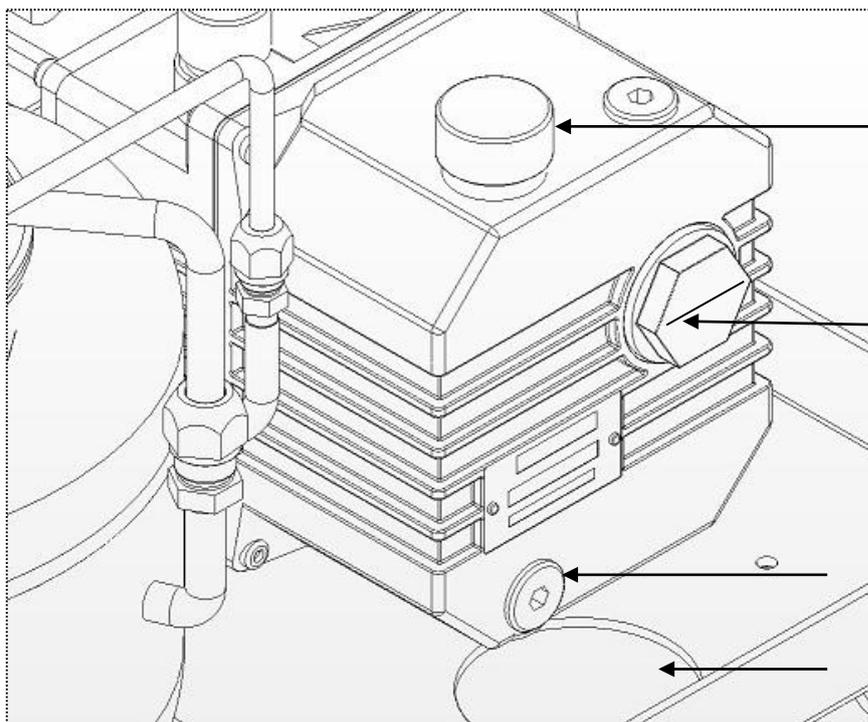
Dismount the front cover.

Unscrew the oil discharge cap and wait for the total oil exit.

Screw oil discharge cap and unscrew the muffler.

Fill the new oil. The correct pump's oil level is around half level-spy.

Screw the muffler.



Muffler

Level

Discharge cap

Discharge hole

Assembly again the front cover.

## 9 SCALE RESET

At the purpose to compensate the scale deviation, perform the following instructions:

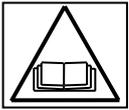


Disconnect the equipment from the power source!

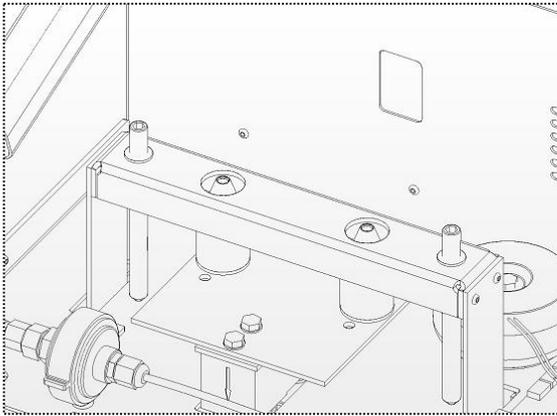
Dismount the fixing screws from the top cover .

Dismount the top cover. Pay attention to the connections!

By a tool tighten the two pins (screws) to the “safety position”



The two red cones must not touch the bracket



“Safety position”



For safety reasons, place the top cover in the original position!  
Connect the equipment to a power source!

Turn “ENCODER” to select Basic menu.

Press “E” key to confirm.

Press “E” key to confirm.

Press “START” key to confirm the safety position.

In case of mistake:

Scale reset

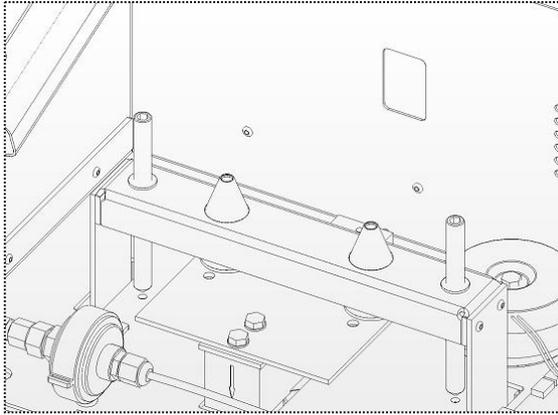
«««««««««O»»

Unload weight scale  
through the screws.  
(safety position)

Anomaly!  
Weight scale  
A3

Follow the instruction right and perform again the procedure!

At the end, unscrew the pins to the “working position”



“Working position”

The working position is match when is impossible to unscrew the pins. Assembly again all parts.

## 10 ANOMALY MESSAGES

Scale blocked (See Chap.. 9) or faulty

Error!  
Scale

A1

Recovery process anomaly or compressor faulty.

Error!  
Recovery

C1

High pressure switch in function. Wait 20/30 min.  
If the message appears again, please contact our  
"Service" department.

Error!

Overpressure in  
recovery process!

Maximum refrigerant quantity allowed!  
Reduce the refrigerant quantity in the internal vessel.

Vessel full!

Please wait!

After few minutes the minimum value is not match.  
Possible causes: defective A/C system, etc...

Insufficient vacuum  
value!

Continue?

mb. ///

The vacuum value is not enough to guarantee the process.  
Possible causes: leakage in A/C system, air in the bottles ...  
Press "START" to bypass and continue with refrigerant  
charging process.

Insufficient vacuum  
For oil/UV charge!

START to bypass

The refrigerant quantity is lower then minimum  
quantity required.  
Perform "Internal vessel charge".

Insufficient  
refrigerant.

Charge the vessel.

Maintenance will expire soon.  
Order the parts required (See Chap. 8)

Order filter drier  
for next service.

Part. Nr.: 07.500

Order vac. pump oil  
for next service.

Part. Nr.: 8020

This machine is delivered in "DEMO" mode. After 5x switch ON/OFF the display shows the following:

0\*\*\*\*\*

By the "ENCODER" enter the **SERIAL NUMBER!**  
(6 digits reported on the "Identification label" on the back)

The count down of the 4 months DEMO MODE starts from that moment. After the expiry date the display shows the following:

UNLOCK CODE 0\*\*\*\*\*

By the "ENCODER" enter the unlock code which can be given to you from your supplier .



