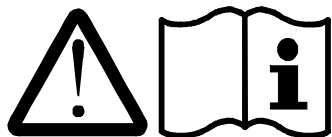
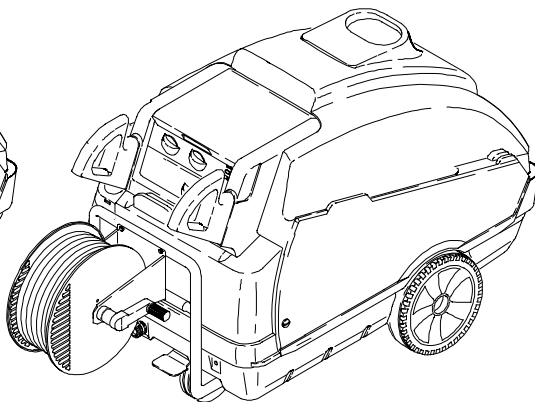
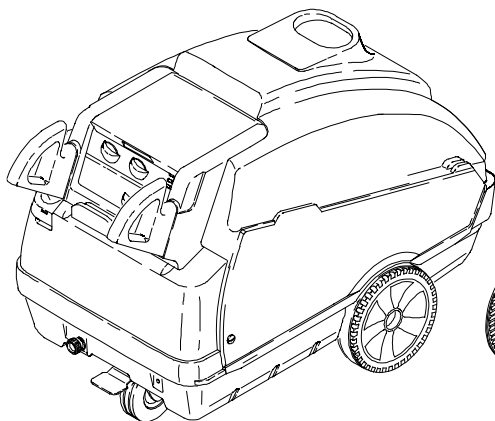




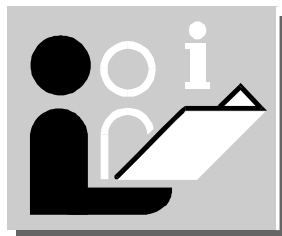
KÄRCHER

HDS 995 M Eco
HDS 1295 S Eco

HDS 995 MX Eco
HDS 1295 SX Eco



www.kaercher.com



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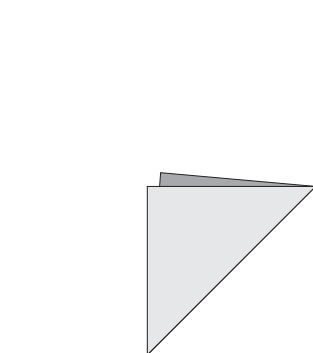
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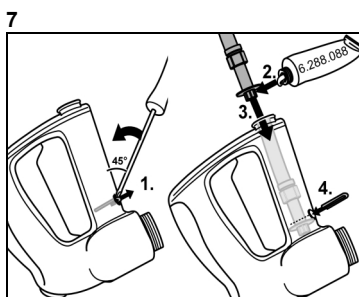
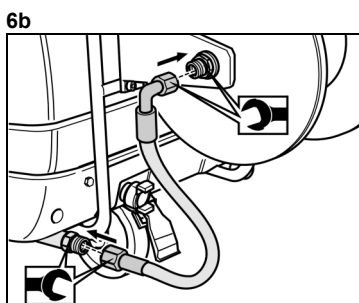
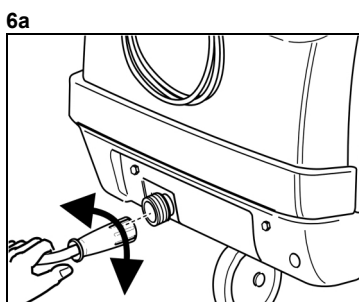
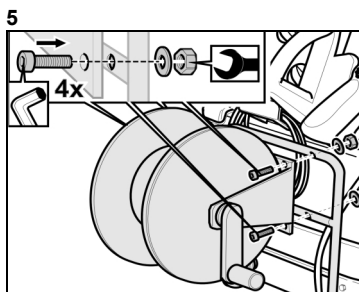
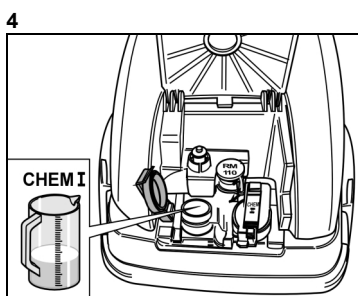
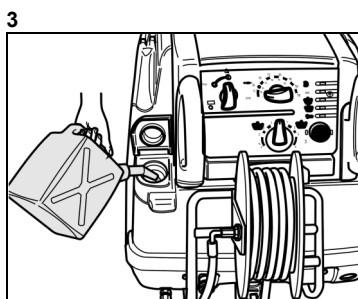
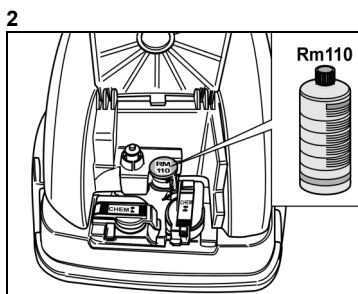
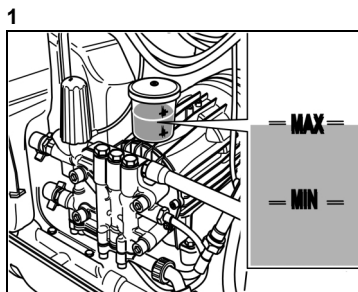
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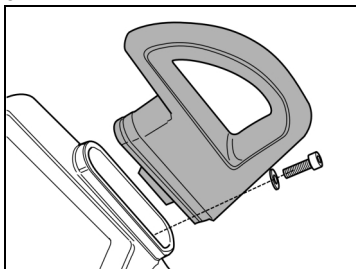
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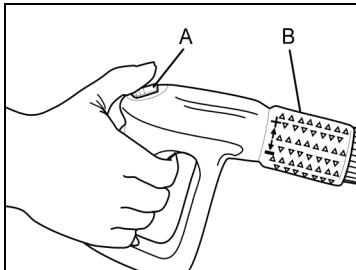




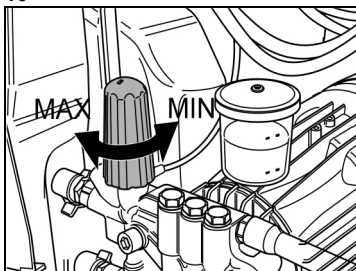
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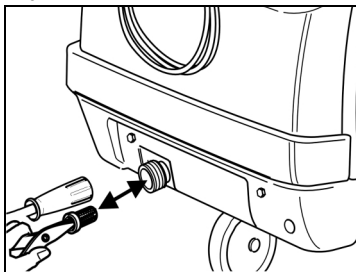
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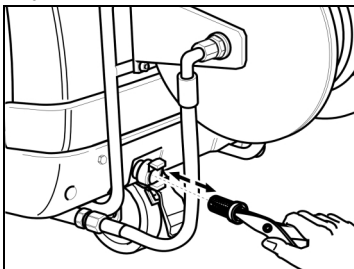
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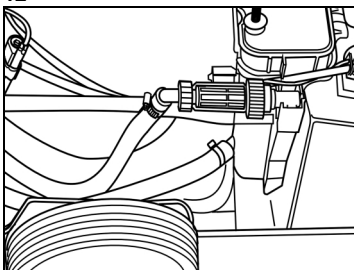
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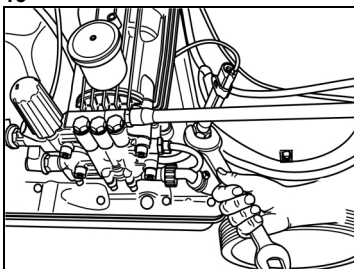
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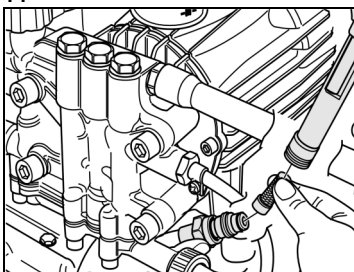
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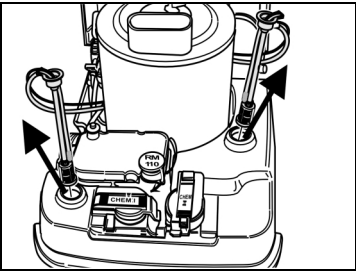
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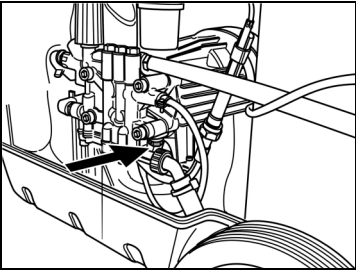
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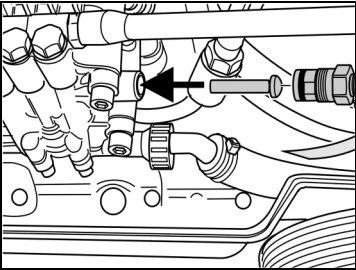
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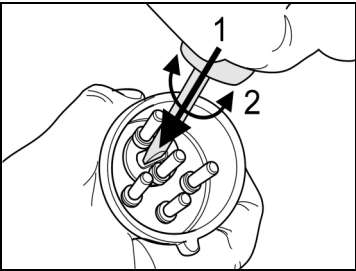
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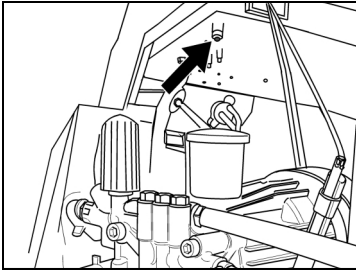
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Warning!

Prior to initial operation it is mandatory to read the operating instructions and the notes on safety no. 5.951-949!

Inform retailer immediately of any transportation damage.

Environmental protection

Please dispose of packaging environmentally responsibly



The packaging materials are recyclable. Please do not throw the packaging in with household rubbish but take it to a recycling centre.

Please dispose of scrapped units environmentally-responsibly



Scrapped units consist of valuable recyclable materials that should be taken to a recycling centre. Batteries, oil and similar products must not be allowed to contaminate the environment. Therefore, please dispose of scrapped units via appropriate disposal systems.

Please ensure engine oil, fuel oil, diesel and petrol

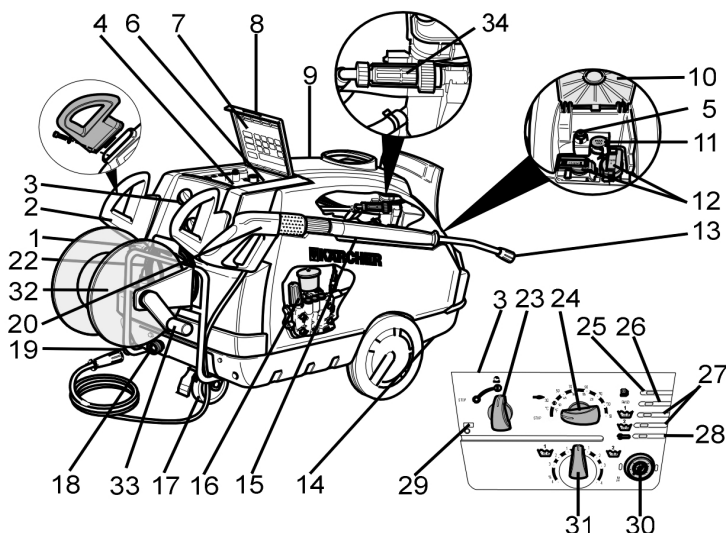
to contaminate the environment. Please protect the ground and dispose of used oil ecologically.



Danger: Steam!

Danger of scalding! Steam escapes here.

Unit illustration



Operating controls

- | | |
|---|---|
| 1 Fuel tank inlet | 18 Water connection with strainer |
| 2 Handle | 19 High-pressure connection |
| 3 Instrument panel | 20 Handgun with high-pressure hose |
| 4 Window with the maintenance/fault display | 22 Electric power cord |
| 5 Cover latch | 23 Unit switch |
| 6 Compartment für accessories | 24 Temperature regulator |
| 7 Short operating instructions | 25 Fuel indicator lamp |
| 8 Cover for compartment | 26 Scale inhibitor indicator lamp |
| 9 Unit cover | 27 CHEM1, CHEM2 indicator lamp (applies only to HDS 1295) |
| 10 Cover for tank inlet | 28 Engine/electronics indicator lamp |
| 11 Tank inlet für scale inhibitor | 29 Ready for working indicator lamp |
| 12 tank inlet for cleaning agent | 30 Pressure gauge |
| 13 High-pressure nozzle | 31 Metering valve for cleaning agent |
| 14 Handle grips in the chassis | 32 Hose reel (applies only to MX/SX) |
| 15 Steel pipe | 33 Crank (applies only to MX/SX) |
| 16 Pressure and flow control | 34 Fine filter |
| 17 Swivel caster with parking brake | |

Reference to operating instructions

All of the item numbers described below in the operating instructions are referenced in the illustration of the unit.

Commissioning



Warning!

Unit, piping, high-pressure hose and connections must be in perfect working order!

- Lock the hand brake.

Checking oil level

Fig. 1



Warning!

Immediately consult the Kärcher service station when oil turns milky!

- If oil level is approaching MIN mark, fill up with oil as far as MAX mark.
- Seal oil filler inlet.

Refer to technical data for oil grade.

Filling with scale inhibitor

Fig. 2

(sample pack included with scope of delivery)

Scale inhibitor stops heating coil becoming calcified when using hard tap water. Is is metered in at the inlet in the water reservoir one drop at a time.

By the manufacturer metering is set to a mean water hardness.

- For other water hardnesses request services of a Kärcher service station and have it adapted to local conditions.

Filling with fuel



Warning!

Never operate unit with fuel tank empty! Fuel pump would otherwise be destroyed!



Warning!

Fig. 3

Only fill with diesel fuel or light fuel oil. It is forbidden to use unsuitable fuels, e.g. benzine (explosion hazard, damage to unit).

- Close tank cap
- Wipe off excess fuel



Fill with cleaning agent

- Use only Kärcher products.
- Never pour in solvent (petrol, acetone, thinner etc.)!
- Avoid contact with eyes and skin
- Pay attention to cleaning-agent manufacturer's instructions on safety and handling

Kärcher offers a customised cleaning and care agent range.

Your dealer will be pleased to advise you.

Fig. 4

Fill with cleaning agent

Installing the handgun (units without hose reel)

- Connect steel pipe (item 15) with handgun (item 20)
- Insert high-pressure nozzle in union nut
- Mount and tighten unit nut
- Install the high-pressure hose to high-pressure connection of unit. (Figure 6a)

Installing the handgun and the hose reel (units with hose reel)

- Connect steel pipe (item 15) with handgun (item 20)
- Insert high-pressure nozzle in union nut
- Mount and tighten unit nut
- Install the hose reel (item 32) with the provided Allen screws, washers and nuts (4 of each). (Figure 5)
- Install the high-pressure hose at the high-pressure connection of hose reel and unit. (Figure 6b)
- Connect high-pressure hose of handgun to hose reel
- Wind high-pressure hose onto hose reel with the smallest possible bends (direction of turns – clockwise -)

Mounting of spare high-pressure hose

Fig. 7

Mounting handle

Fig. 8

Water connection

- See Technical Data for connected loads.
 - Install supply hose at water connection (item 18) of unit.
- (supply hose is not part of scope of delivery)

Drawing in water from tank

When you suction water out of an open container you should

- remove water connection at pump head.
- screw off the top supply hose with the fine filter to the water tank and connect to pump head.
- Use a water suction hose with a suction filter and a diameter of at least 3/4".

Until the pump sucks up water you should:

- Turn the pressure and flow control to "MAX".
- close the metering valve for the cleaning agent.



Warning!

Never suction up water out of a potable water tank.

Never suction up solvent-bearing liquids such as paint thinner, benzine, oil or unfiltered water. The seals in the unit are not resistant to solvents. The mist of solvents is highly inflammable, explosive and poisonous!

Mains connection

See technical data and rating plate for connected load.



Warning!

It is not permissible to exceed the maximum permissible mains impedance at the electrical terminal (see Technical Data).



Warning!

Whenever socket is changed, check direction of rotation of motor

- If direction of rotation is correct, powerful jet of air will be felt at exhaust-gas opening of burner.
- If the direction of rotation is wrong: Change the poles at the unit plug. See Fig. 18.
- When an extension cable is used it should always be completely unwound and have an adequate cross-section.

Operation

Switch on the machine

- Set unit switch (item 23) to "I"
- Ready for working indicator lamp (item 29) is lit



Warning!

The temperature regulator (item 24) must be set to "0", since otherwise the burner possibly switches on

Unit starts up briefly and is switched off as soon as operating pressure is reached.

Stop the unit immediately when one of the indicator lamps (items 25-28) light up during operation. Eliminate fault, refer to Faults.

Fig. 9

- Release the safety of the handgun (A)
- Actuation of handgun switches unit back on again.

Bleed pump if no water emerges from high-pressure nozzle. See problems, "Unit does not build up pressure"

Setting cleaning temperature

- Set the temperature regulator (item 24) to the required temperature

30°C to 90°C

Hot water cleaning

100°C to 150°C

Cleaning with steam

- Replace high-pressure nozzle by the steam nozzle (see operation using steam)

Setting operating pressure and flow rate

Fig. 10

- Turning control spindle
clockwise: Increasing operating pressure (MAX)
- Turning it counterclockwise: Reducing operating pressure (MIN)

Servopress control

- Set the temperature regulator (item 24) to max. 98°C.
- Set regulator to maximum operating pressure.

Fig. 9

Adjust operating pressure and flow rate by turning (infinitely variable) at the pressure and flow control (B) (+/-)

Set pressure on unit if use is to be made of reduced pressure for a lengthy period.

See Fig. 10

Measuring out cleaning agents

- Use cleaning agents sparingly to protect the environment
- The cleaning agent must be appropriate for the surface to be cleaned.
- Using the cleaning agent metering valve (item 31) set the concentration of the cleaning agent as specified by the manufacturer

Approximate values at maximum operating pressure

Intended use

For cleaning: machines, vehicles, buildings, tools, facades, patios, gardening implements, etc.



Warning!

- Heed appropriate safety regulations for use at petrol stations or in other hazardous environments.

Please ensure waste water containing mineral oil

does not contaminate soil, lakes and rivers or the sewerage system. Therefore, please wash engines and underbodies only in appropriate washing installations provided with oil traps.

Working with high-pressure nozzle

Spray angle is crucial to efficiency of high-pressure jet.

Use is normally made of 25° fan jet nozzle (included).

Recommended nozzles, available as accessories

- For stubborn dirt
0° full jet nozzle
- For sensitive surfaces and superficial dirt
40° fan jet nozzle
- For thick-film, stubborn dirt
Dirt blaster
- Nozzle with adjustable spray angle, adaptable to many cleaning tasks
Variable-angle nozzle

Cleaning

- Set pressure/temperature and detergent concentration appropriately to surface to be cleaned

Always start by directing high-pressure jet from a good distance at object to be cleaned to avoid damage caused by excessive pressure.

Recommended cleaning method

Loosen up dirt:

- Spray on cleaning agent sparingly and allow to react for 1...5 min (do not allow to dry on).

Remove dirt:

- Spray off loosened-up dirt with high-pressure jet.

Operation with cold water

Removal of slight contamination and rinsing e.g: gardening implements, patio, tools, etc.

- Set operating pressure as required
- Set temperature control (item 24) to "0"

Operation with hot water



Warning!

Danger of scalding

- Set the temperature regulator (item 24) to the required temperature

We recommend the following cleaning temperatures

- Slight contamination 30-50°C
- Protein soiling, e.g. in foodstuffs industry max. 60°C
- Motor vehicle cleaning, machine cleaning 60-90°C

Safety deactivation

If the handgun is not opened or closed for more than 30 minutes, for safety reasons the pump switches off automatically.

- To switch it on again turn the main switch to "0" and then back to "I".

(EPROM without shut down 6.682-595 available from service)

Operation with steam



Danger: Steam!

At operating temperatures above 98°C operating pressure must not exceed 32 bar (HDS 1295: 28 bar).

Therefore the following steps must be taken without fail:

- Replace high-pressure nozzle by steam nozzle

Manufacture no.:

4.766-023 HDS 995

4.766-024 HDS 1295

- Fully open water delivery control at the handgun, in the + direction to the stop. See Figure 9 (B)

- Set operating pressure to minimum value. See Fig. 10
- Set the temperature regulator (item 24) to min. 100°C



Danger: Steam!

Danger of scalding!

We recommend the following cleaning temperatures

- Preservative removal, extremely greasy dirt 100-110°C
- Thawing of aggregates, certain facade cleaning operations up to 140°C

After every operation



Warning!

Danger of scalding with hot water.

After operating it with hot water or steam, to cool it the unit must be operated at least two minutes with cold water with an open handgun.

Following operation with cleaning agent

- Set cleaning agent metering valve (item 31) to "0"
- Set unit switch (item 23) to "I"
- Actuate handgun and flush unit for approx. 1 min

Stopping machine

- Set unit switch (item 23) to "0"
- Shut off water supply
- Switch the pump briefly on with the unit switch (item 23) (approx. 5 sec.)
- Remove mains plug from socket ONLY with dry hands
- Remove water connection
- Actuate handgun to depressurise unit
- Put on safety of handgun Figure 9 (A)
- Engage spray lance in cover holder

- Reel up the high-pressure hose and electric cables and attach them to fastenings

Note!

Take care not to kink high-pressure hose and cable!

Note!

Frost will destroy unit if water is not drained off completely!

- Store unit in a frost-free location

Observe the following if the unit is connected to a flue:

Danger of damage caused by cold air entering through the flue. Disconnect unit from flue at outside temperatures below 0°C.

Immobilise unit if frost-proof storage is not possible.

Decommissioning

In the event of lengthy periods of non-use or if frost-free storage is not possible:

- Drain off water and flush out equipment with antifreeze
- Drain cleaning fluid tank

Drain off water

- Unscrew water supply hose and high-pressure hose
- Screw off supply line at boiler base and completely drain heating coil
- Run unit for max. 1 min until pump and lines are empty

Flushing unit with anti-freeze

- Fill the float tank with a commercially available antifreezing compound
- Switch the unit on (without the burner) until it is thoroughly purged
- Observe handling instructions of antifreeze manufacturer

By this means, a certain degree of corrosion protection is achieved

Maintenance

**Warning!**

Disconnect unit from mains before carrying out any maintenance or repair work. Always use genuine spare parts

Turn off unit prior to all work, see "After every operation".

- Set unit switch (item 23) to "0"
- Pull power plug out of socket
- Shut off water supply
- Actuate handgun to depressurise unit.
- Remove water connection
- Allow unit to cool down

Your Kärcher dealer will be pleased to inform you on the performance of regular safety inspections and conclusion of a maintenance contract

Maintenance intervals

Once a week

- Clean strainer in water connection
- Clean the fine filter
- Check oil level

Immediately consult the Kärcher service station when oil turns milky!

Once a month

- Clean strainer in low water protection
- Clean filter at cleaning-agent suction hose

After 500 hours of operation, at least once a year

- Change oil

Maintenance tasks

Engine/electronics indicator lamp (item 28) is lit

- This warning lamp lights up when certain maintenance work is necessary due to accumulated operating hours.
- When you open the cover (item 8) of the compartment (item 6) the electronic display is visible in the window (item 4).
- When the necessary maintenance work has been completed you should depress the RESET button next to the display for at least 7 seconds until the warning lamp goes out.

Display



Necessary maintenance work

- Visual inspection
- Check that the high-pressure connections do not leak
- Clean the fuel tank and the filter

Display



Necessary maintenance work

- Check that the pump does not leak
- Change the pump's oil
- Clean strainer in water connection
- Clean the strainer (coarse) fitted in front of the low water protection

Display



Necessary maintenance work

- Decarbonise the heating coil *
- Descale the heating coil *
- Clean/replace the ignition electrodes *
- Cleaning/replacing the burner nozzle *
- Adjust the burner *

Display



Necessary maintenance work

- Check the overflow valve for leaks *
- Check the high-pressure hose *
- Clean the handgun
- Check the pulsation damper *

* This maintenance work should be performed only by after-sales service.

Clean strainer in water connection

Fig. 11

- Remove strainer
- Clean in water and re-insert

Clean the fine filter

Fig. 12

- Cut pressure to unit
- Screw off cover with filter
- Clean filter with clean water or with compressed air
- Assemble in the reverse order

Clean strainer in low water protection

Fig. 13

- Unfasten union nut and detach hose

Fig. 14

- Take out strainer

If necessary, screw-in screw M8 by approx. 5 mm and pull out the strainer with this screw

- Clean strainer in water
- Slide in strainer
- Mount hose
- Tighten union nut

Clean filter at cleaning-agent suction hose

Fig. 15

- Pull the cleaning agent suction inlet pipe out
- Clean filter in water and re-insert

Change oil

Fig. 16

- Provide a collecting container for approx. 1 litres of oil
- Unscrew drain plug

Dispose of used oil ecologically or hand it in at a dump.

- Retighten drain plug
- Top up oil slowly up to the MAX mark
Air bubbles must be able to escape
Refer to technical data for oil grade and quantity to be used.

Faults

Engine/electronics indicator lamp (item 28) flashes

— This warning lamp flashes if there is a problem.

- When you open the cover (item 8) of the compartment (item 6) the electronic display is visible in the window (item 4).
- The warning lamp goes out when the problem has been resolved and the unit is switched on again.

Display



Troubleshooting

- Increase the water inlet volume
- Clean strainer in water connection
- Clean the strainer (coarse) fitted in front of the low water protection

Display



Troubleshooting

- Replace the reed switch for the low water protection *
- Clean the low water protection *

Display



Troubleshooting

- Eliminate the leakage in the high-pressure system

Display



Troubleshooting

Motor overloaded/overheated

- Turn monitoring switch to "0" and allow engine to cool for at least 5 min
- Have unit checked by After-Sales Service if this does not remedy fault
- Check exhaust gas temperature limiter, reset, if necessary (Figure 19)

Display



Troubleshooting

- This error code appears only on units equipped with the – accessory kit flame monitoring system -
- See the assembly instructions – accessory kit flame monitoring system -

* This maintenance work should be performed only by after-sales service.

Ready for working indicator lamp (item 29) goes out

- Motor overloaded/overheated
- Set selector switch to "0" and allow engine to cool off for at least 5 min.
- Have unit checked by After-Sales Service if this does not remedy fault.
- No mains voltage
(see – unit does not run -)

Fuel indicator lamp (item 25) lights up

- Fuel tank empty
- Fill up

Liquid softener indicator lamp (item 26) lights up

- Scale inhibitor reservoir empty; for technical reasons there is always a residual quantity in the reservoir.
- Fill up
- Dirt on electrodes in reservoir
- Clean electrodes

Unit does not run

- No mains voltage
- Check electric mains/power cord

Unit does not build up pressure

- Air in system

Bleed pump:

- Set cleaning agent metering valve (item 31) to "0"
- Switch the unit switch on and off several times keeping the handgun open.
- With handgun open, open and close regulator (Fig. 10).

Venting is accelerated by removing the high-pressure hose from the high-pressure connection.

- Fill up cleaning-agent tank if empty.
- Check connections and lines
- Pressure set to MIN
- Set pressure to MAX
- Strainer in water connection is dirty
- Clean strainer
- Clean fine filter, replace it if necessary
- Insufficient water supply
- Check water supply volume (refer to technical data)

Unit leaking, water dripping out at bottom

- Pump leaking
- 3 droplets/min are permitted.*
- In the event of a major leak, have unit checked by After-Sales Service.

Unit constantly switched on and off with handgun closed

- Leak in high-pressure system
- Check high-pressure system and connections for leaks

Unit does not draw in cleaning agent

- Run the unit with an opened cleaning agent metering valve and a closed water supply until the float tank is sucked dry and the pressure drops to "0".
- Now reopen the water inlet.

If the pump still does not suction up cleaning agent the reasons can be as follows:

- Filter in cleaning-agent suction hose dirty
- Clean filter
- Non-return valve gummed up
- Pull the cleaning agent hose off and detach the non-return valve with a blunt object, see Figure 17.

Burner not ignited

- Fuel tank empty
- Fill up
- Lack of water
- Check water connection, check supply, clean low water protection.
- Fuel filter is dirty
- Replace fuel filter.
- Incorrect direction of rotation. If direction of rotation is correct, powerful jet of air will be felt at exhaust-gas opening of burner.
- Check direction of rotation. If necessary, change round poles of unit plug. See Fig. 18.
- No ignition spark
- Have unit checked by After-Sales Service if no ignition spark is visible through inspection glass during operation.

Set temperature not attained when working with hot water

- Excessive operating pressure/flow rate
- Reduce operating pressure/flow rate by way of regulator (Fig. 10)
- Soot deposits on heating coil
- Have After-Sales Service remove soot deposits from unit

The unit must be checked by after sales service if the problem cannot be remedied.

Warranty

The warranty terms and conditions issued by our responsible sales company apply in every country. Within the warranty period, any faults in the unit will be rectified free of charge provided that the problem was caused by a material defect or manufacturing error.

The warranty only applies if the dealer fills in, stamps and signs the enclosed reply card when the unit is sold and the purchaser then returns it to the appropriate local distributor.

In the event of a warranty claim, please contact your dealer or the nearest authorised After-Sales Service office and produce both accessories and proof of purchase.

General notes

Safety features

Overflow valve with two pressure switches

- When reducing water volume at pump head or with the servopress control, the overflow valve will open and part of the water will flow back to the pump suction side.
- If the handgun is closed off so that all the water flows back to the pump suction side, the pressure switch at the overflow valve turns off the pump.
- Reopening the handgun causes the pressure switch at the cylinder head to switch the pump back on again.

The overflow valve is set at the factory and lead-sealed. Adjustment can only be made by After-Sales Service.

Safety valve

- The safety valve opens if the overflow valve or pressure switch is defective.

The safety valve is set at the factory and sealed. Adjustment can only be made by After-Sales Service.

Low water protection

- The low water protection prevents the burner switching on when water is insufficient.
- A strainer prevents dirt accumulation on the protection and must be regularly cleaned.

Motor protection switch

- The motor protection switch interrupts the circuit should overloading occur.

Switching on procedures

- Switching on procedures generate brief voltage drops.
- Impairments of other appliances can occur in cases of unfavourable mains conditions.
- No problems are to be expected with a mains impedance of less than 0,15 ohm.

EC conformity declaration

We hereby declare that the machine specified below as the marketed design, the machine specified below complies with the relevant fundamental safety and health requirements of the EC directives listed below.

Modification of the machine without our approval invalidates this declaration.

Product: High-pressure cleaner
with a steam stage

Type: 1.027-xxx, 1.028-xxx

Relevant EC directives

EC machine directive (98/37/EC)

EC low voltage directive (73/23/EEC)
amended by 93/68/EEC

EC directive on electromagnetic
compatibility (89/336/EEC) amended by
91/263/EEC, 92/31/EEC, 93/68/EEC
EC high-pressure equipment directive
(97/23/EG)

EC guideline on noise emissions
(2000/14/EU)

Applied harmonised standards

DIN EN 60335-1

DIN EN 60335-2-79

DIN EN 55014-1:2000 + A1:2001

DIN EN 55014-2:1997

DIN EN 61000-3-2:2000

DIN EN 61000-3-3:1995 + A1:2001

(HDS 995)

DIN EN 61000-3-11:2000 (HDS 1295)

Applied national standards

Applied conformity valuation method

Appendix V

Measured sound power level:

HDS 995 89 dB(A)

HDS 1295 88 dB(A)

Guaranteed sound power level:

HDS 995 91 dB(A)

HDS 1295 89 dB(A)

Internal measures ensure that the in series produced units always comply with the requirements of current EC directives and applied standards. The signatories act for and in authority of management.

5.957-649 (02/04)

Alfred Kärcher Limited Partnership.
Registered office: Winnenden. Registration
court: Waiblingen, HRA 169.
Personally liable partner. Kärcher
Reinigungstechnik GmbH. Registered
office Winnenden, 2404 Waiblingen
Company Register, HRB

Managing directors:

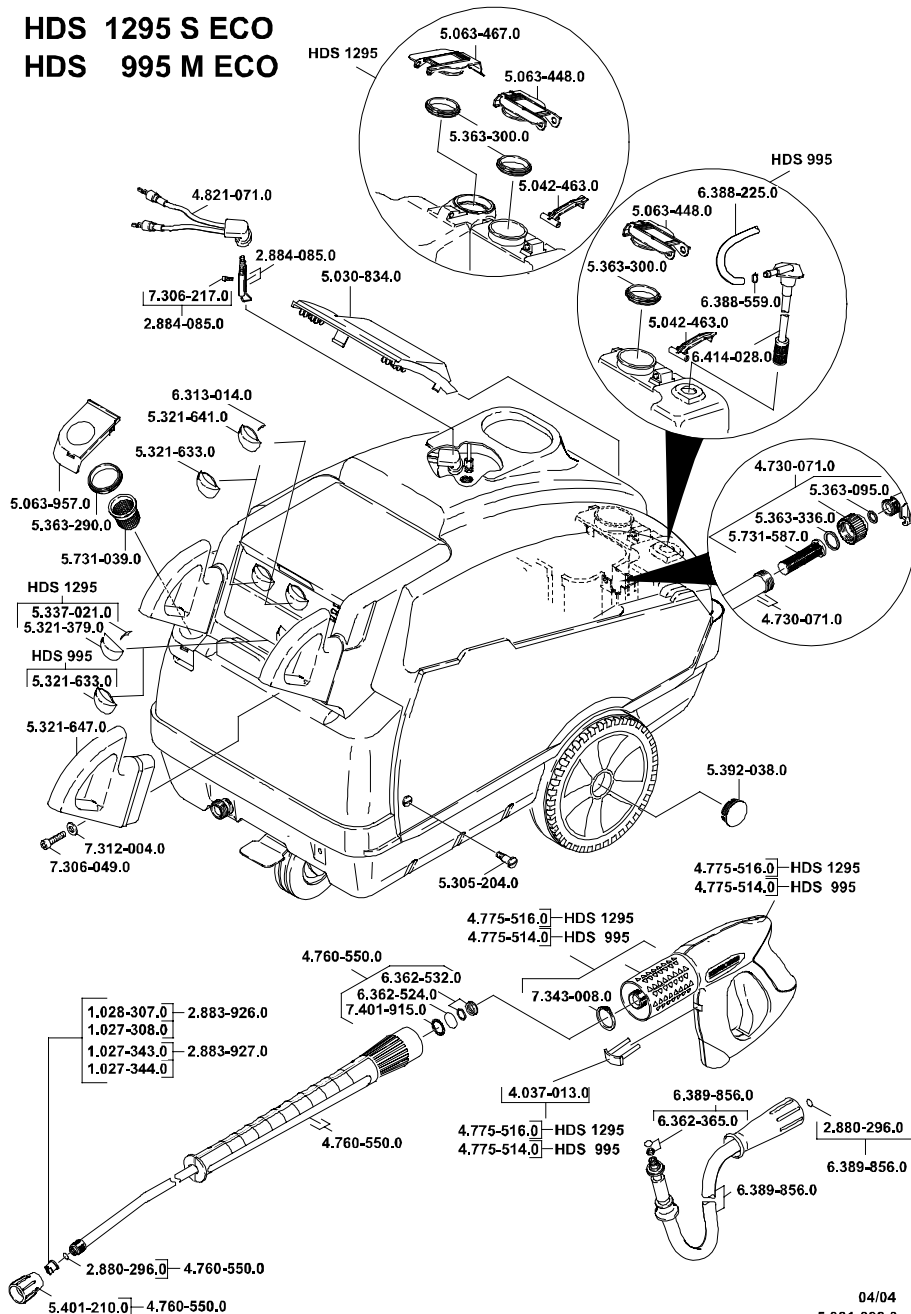
Dr. Bernhard Graf, Hartmut Jenner,
Georg Metz

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(Reiser Jenner)

Type	HDS 995 M / MX Eco		HDS 1295 S / SX Eco	
Mains connection	400 V	230 V	400 V	230 V
Connected load	3~50 Hz	3~50 Hz	3~50 Hz	3~50 Hz
Fuse (slow blow)	6,8 kW	6,8 kW	8,2 kW	8,2 kW
Maximum permissible mains impedance	16 A	25 A	16 A	35 A
Water connection	---	---	(0,307+ j 0,192) Ω	(0,307+ j 0,192) Ω
Water connection				
Supply temperature		max. 30 °C		max. 30 °C
Suction height when drawn from open tank (at 20 °C water temperature)		min. 1200 l/h (20 l/min)		min. 1500 l/h (25 l/min)
		0,5 m		0,5 m
Performance data				
Flow rate: cold/hot water		470-1000 l/h (7,8-16,7 l/min)		600-1200 l/h (10-20 l/min)
Operating pressure: cold/hot water (with standard nozzle supplied)		3-18 MPa (30-180 bar)		3-18 MPa (30-180 bar)
Flow rate: steam		470 l/h (7,8 l/min)		600 l/h (10 l/min)
Operating pressure: steam		max. 3,2 MPa (32 bar)		max. 2,8 MPa (28 bar)
Steam nozzle part number		4,766-023		4,766-024
Operating temperature				
- Hot water		max. 95 °C		max. 95 °C
- Steam		98-155 °C		98-155 °C
Cleaning-agent intake		0-40 l/h (0-0,7 l/min)		0-48 l/h (0-0,8 l/min)
Burner output		86 kW		103 kW
Maximum fuel oil consumption		6,9 kg/h		8,3 kg/h
Recoil force of handgun		43 N		60 N
Noise emission				
Sound pressure level (EN 60704-1)		75 dB (A)		73 dB (A)
Guaranteed sound power level (2000/14/EC)		91 dB (A)		89 dB (A)
Machine vibration				
Rated vibration value (ISO 5349)		2,5 m/s ²		1,7 m/s ²
Handgun		1,8 m/s ²		1,7 m/s ²
Spray lance				
Fuels				
Fuel		Heizöl EL oder Diesel		Heizöl EL oder Diesel
Oil quantity		0,75 l		0,75 l
Oil grade		Hypoid SAE90 (6.288-016)		Hypoid SAE90 (6.288-016)
Dimensions and weights				
Length x Width x Height		1285x690x835 mm		1285x690x875 mm
Weight not incl. accessories		133 kg		155 kg
Weight not incl. accessories, MX Eco / SX Eco		141 kg		163 kg
Fuel tank		25 l		25 l
Cleaning-agent tank		20 l		20 + 17 l

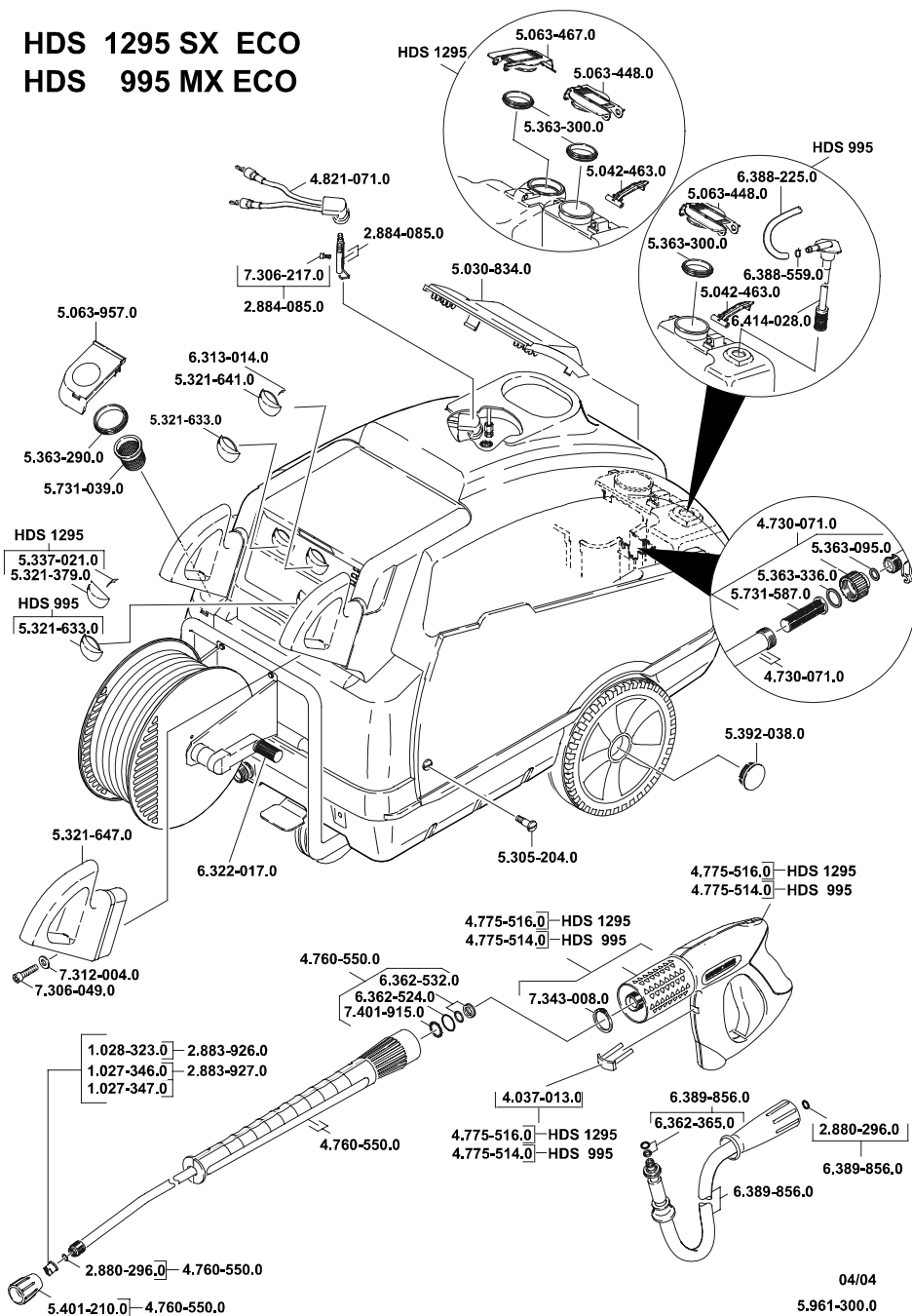
HDS 1295 S ECO HDS 995 M ECO



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HDS 1295 SX ECO

HDS 995 MX ECO



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