







































## 13. Maintenance & Storage:

To ensure the fogger is ready for use at all times, we recommend the following:

- a) Rinse fog solution tank with a suitable cleaning agent or diluent. Pour approx. 1/4L of water in the solution tank, shake well and fog to clear pipe system.

- b) Clean outside of fogger to remove dirt.

- c) Remove diaphragm (33) in air intake valve (30). Check for any damage and clean. Also clean the valve body (34), the spacer plate (32) and the silencer (60) with a soft cloth. (Fig. 22)

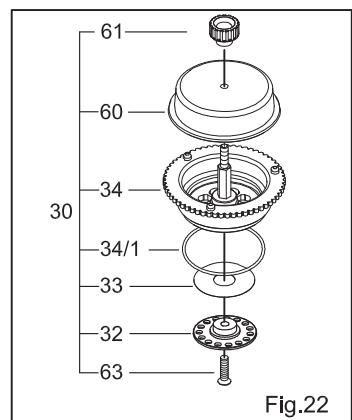


Fig.22

- d) Remove carbon residue in resonator tube (97), solution socket (114), dosage nozzle (117) and fog tube (108) with the scraper (141) and wire brush (142). (Fig. 23)

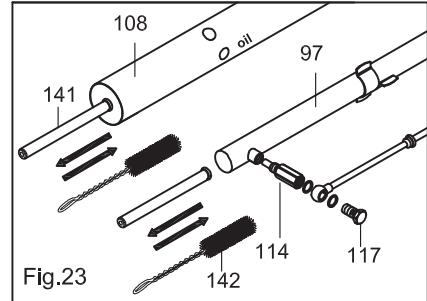


Fig.23

**!** It is important that any soot or carbon deposits at the end of the resonator tube should be removed.

- e) Clean mixing pipe of resonator (97) of combustion residues with scraper (141) and wire brush (142). (Fig. 24)

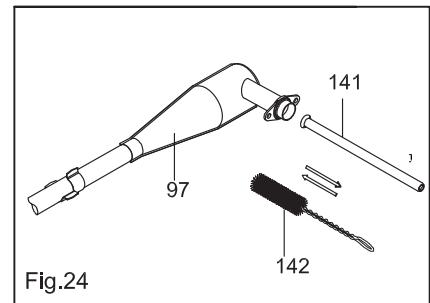


Fig.24

- f) Clean mixing chamber of carburettor (24) with brush (142). Take care not to damage the fuel atomizer nozzle. (Fig. 25)

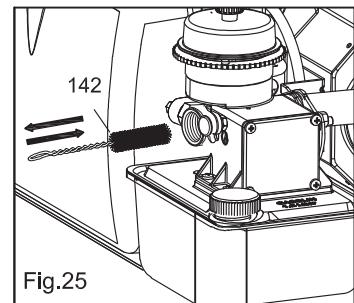


Fig.25

- g) Clean swirl vane with wire brush. (Fig. 26)

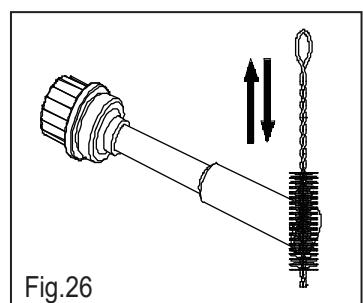


Fig.26

- h) Empty fuel tank (10) when the fogger is cold. Leave the cap (7) loose to allow vapours to escape. (Fig. 27)

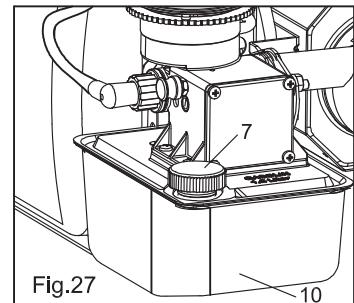


Fig.27

Remove batteries from the fogger when it is to be stored for a long period.

Store the fogger at the place where it is not accessible to children and persons who are unaware of danger which is involved.

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## **14. Trouble Shooting:**

- Only trained and qualified personnel is authorized to do repairs.
- Use only original spare parts.
- Before maintenance or repair, stop the fogger and allow a cooling time. Always remove the spark plug socket from the swirl vane.
- During repair and test, at all times avoid touching electrically live components.
- After repair, reassemble the safety devices (e.g. protection guards) and check for correct assembly of all parts.
- After each repair, do a functional fogging test with the neat water.
- It is recommended that you have the fogger checked regularly by a suitably qualified technician (e.g. by the approved manufacturer's representative).



PLEASE FEEL FREE TO CONTACT US OR YOUR LOCAL DISTRIBUTOR FOR  
TECHNICAL ASSISTANCE.

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Check first:

- Are all three caps of gasoline and solution tank closed and sealed well?  
Check also the gaskets of the caps.
- Is there gasoline in the fuel tank?
- Check the orientation and condition of the batteries.
- If there is an audible buzz from the ignition coil when the starter button is depressed? if not replace batteries.
- Decrease of pressure in the emergency cut-off device (9ES / 35ES)

Possible causes: Check:

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- no ignition
  - battery weak or lose contact, starter button or ignition coil faulty, swirl vane dirt or wet, mixing tube of resonator blocked with carbon deposits
- no gasoline supply
  - gasoline supply is insufficient  
blockage at gasoline supply
    - unscrew regulating needle (17), actuate air pump (91), gasoline should appear
    - if fuel tank cap seals well
- water in the gasoline
  - empty and clean fuel tank, refill with gasoline
- atomizer dirty or clogged
  - clean only with gasoline and compressed air
- diaphragm in the air intake valve damaged or dirty
  - clean or replace as necessary
- carburetor dirty
  - clean the mixing chamber only with brass brush and gasoline, clean with compressed air
- resonator dirty
  - remove combustion residues from resonator (97) end and the mixing pipe with scraper and brass brush
- wrong adjustment of fogger
  - see para. (12) "Adjustment of Fuel/Air Mix"

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## If the fogger runs but does not fog or fogs irregularly:

Check first:

- Is there sufficient solution in the tank?
- If the pressure hose is correctly installed?
- If the solution conveying parts are blocked or leaked?

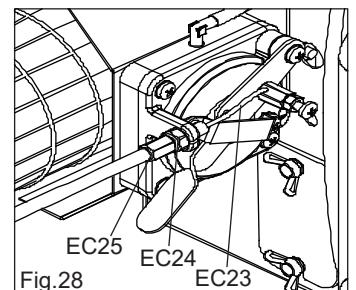
Possible causes:	Check:
- no or insufficient press in solution tank (1)	<ul style="list-style-type: none"><li>- solution tank leaks</li><li>- check valve is clean or defective<ul style="list-style-type: none"><li>• when replacing diaphragm (40), always replace it together with o-ring (41) and gasket (42)</li></ul></li><li>- connecting links (43) loose or damage<ul style="list-style-type: none"><li>• when necessary, always replace it together with gasket (44)</li></ul></li><li>- ventilating air line (133) and pressure hose (134) leaks or damages</li><li>- residue in double hollow screw (132) clean with fine wire if necessary</li><li>- tank cap (2) leaks<ul style="list-style-type: none"><li>• check gasket (4) and replace if necessary</li></ul></li></ul>
- solution tap (120) defective or clogged	<ul style="list-style-type: none"><li>- the gaskets (125, 126) damage, replace it if necessary<ul style="list-style-type: none"><li>• clean all parts of solution tap before re-assembly and check for leakage</li></ul></li></ul>
- dosage nozzle (117) clogged	<ul style="list-style-type: none"><li>- clean with fine wire for free passage</li></ul>
- fog solution socket (114) clogged	<ul style="list-style-type: none"><li>- clean with fine wire for free passage</li></ul>

## 15. Emergency Cut-off Device

9ES and 35ES are equipped with emergency cut-off device (EC). EC is designed to prevent liquid flow when the engine has stopped. As it is pre-set at the manufacture, adjustment is not required in normal operating conditions. In the case of repair or blockage when the adjustment is necessary, please take following steps:

The fine adjustment of the Bowden Cable (EC23) can only be set when the engine is warm (Fig. 28):

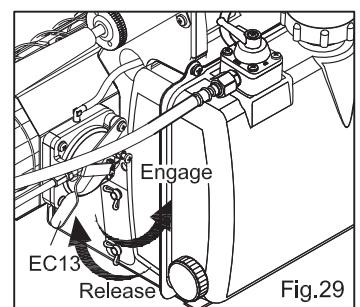
- Ajust the tension of the Bowden Cable by tuning the screw-type nipple (EC25) inwards / outwards.
- After correct adjustment, tighten the nut (EC24).



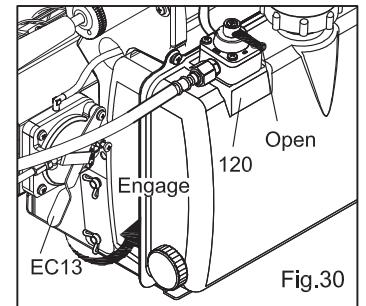
**!** Always check the function of "EC" when starting 9ES / 35ES. The fogger can only be operated when "EC" functions correctly.

Check EC function after adjustment:

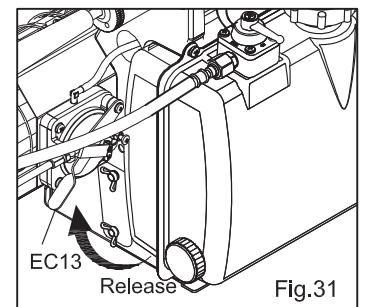
- 1) Start the engine and run about 1 minute for warm up. Engage the lever (EC13), it should be held open automatically. Stop the engine, the lever should be released immediately. (Fig. 29)



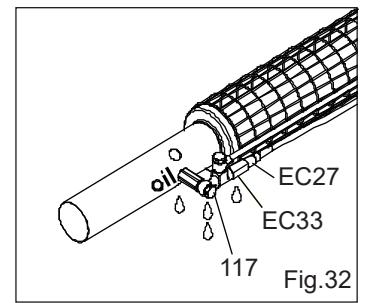
- 2) Start the engine once more. Engage the lever and open solution tap (120), fog should be seen emitted. (Fig. 30)



- 3) Stop the engine, lever will be released automatically, fogging should stop. (Fig. 31)



- 4) Check there is no solution leak from screw housing (EC27), valve housing (EC33) and dosage nozzle (117). (Fig. 32)

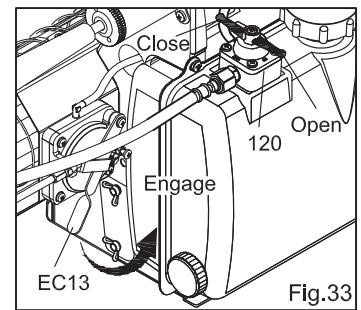


**!** After every EC function check, immediately close the solution tap (120) and release pressure from solution tank by loosen the tank cap.

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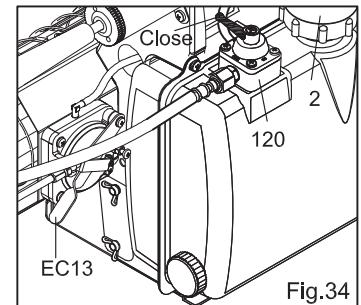
## 16. Fogging with EC:

- Engage the lever (EC13) and ck its position by piston.
- For fogging, open the solution tap (120), lever outwards.
- In order to stop fogging with the EC engaged, close the solution tap, lever inwards.  
(Fig. 33)



## 17. Stop the Fogger with EC:

1. To stop the fogger with EC, firstly refer to para. 11 (Stopping the Fogger).
2. If the fogger stops unexpectedly due to a lack of fuel or other failure :
  - EC is released automatically and stops liquid flow.
  - Close the solution tap (120) completely (lever inwards) and release pressure from the solution tank by loosening tank cap (2) immediately. Otherwise, solution tank is still under pressure and the solution can get out when the lever is activated by mistake.  
(Fig. 34)



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## **18. If EC does not function correctly:**

### **Check first:**

- Fogger runs correctly so there is sufficient air pressure to open EC.

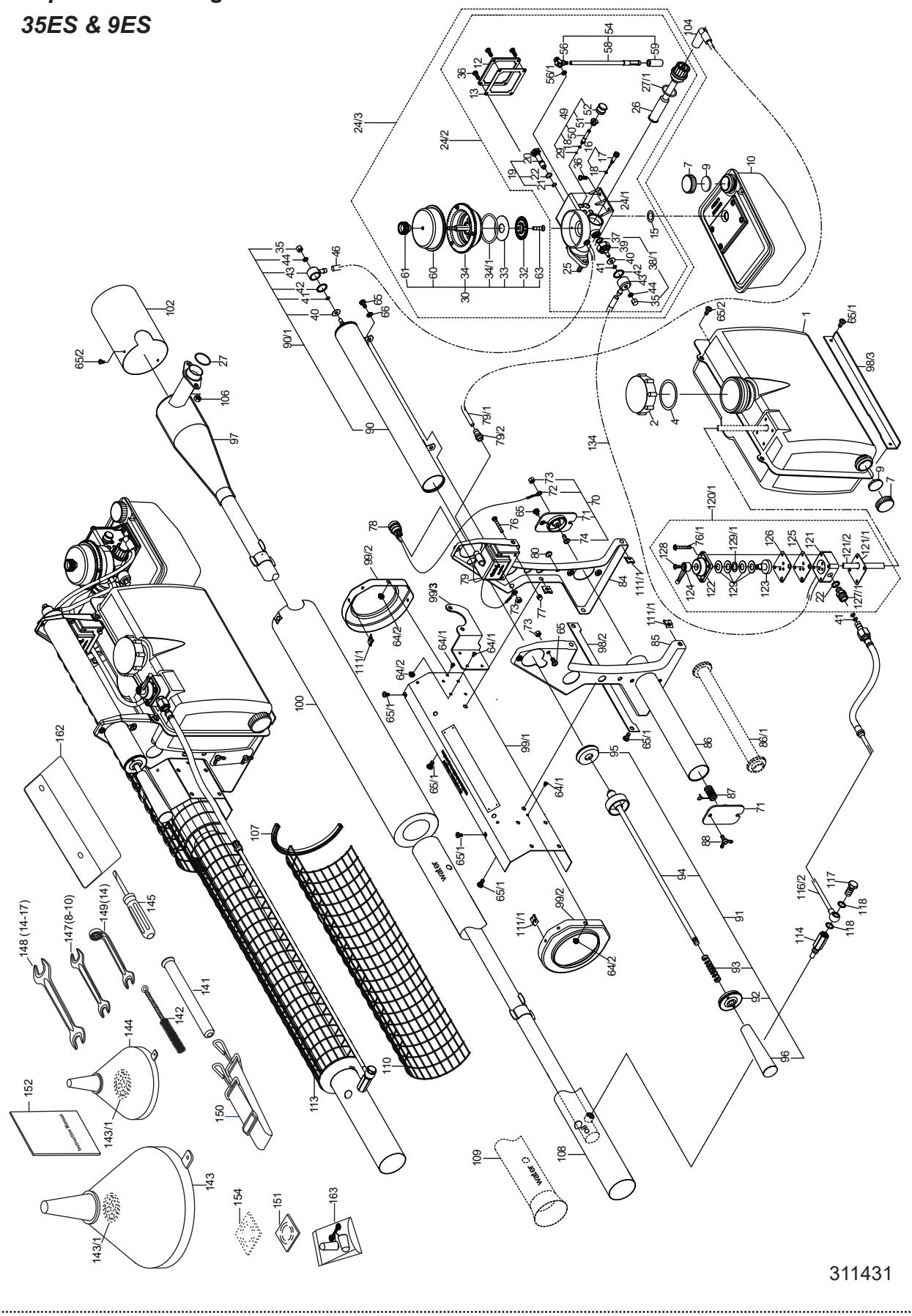
### **Possible causes:      Check:**

- |   |  |
|---|--|
| - fogger stops,<br>operating lever does<br>not release<br>automatically | - incorrect setting of screw type nipple (EC25) at the Bowden cable (EC23)<br>- piston (EC8) is not pushed back into initial position.<br>- spring (EC9) too weak or broken<br>- the diaphragm (EC6) of the pressure cell is damaged or dirty  |
| - fogger engine runs<br>but lever can<br>not engage                     | - incorrect setting of screw type nipple (EC25) at the Bowden cable (EC23)<br>- piston (EC8) is not pushed forward<br>- spring (EC9) too strong<br>- the diaphragm (EC6) of the pressure cell is damaged or dirty<br>- leak of pressure in the "EC" system<br>- clog of air pressure tube (EC20) |
| - fogger in operation<br>and lever releases,<br>fog does not stop       | - incorrect setting of screw type nipple (EC25) at the Bowden cable (EC23)<br>- spring (EC28) too weak or broken<br>- damage of o-ring (EC32)<br>- valve housing (EC33) dirty  |

- 
- fogger in operation and lever engage, no fog
    - incorrect setting of screw type nipple (EC25) at the Bowden cable (EC23)
    - damage of Bowden cable (EC23)
    - clog of valve housing (EC33) or dosage nozzle (117) or solution socket (114)
    - solution tap (120) does not open
  
  - solution leaks out of screw housing (EC27) or valve housing (EC33) or solution socket (114) when appliance stops, operating lever releases and solution tap opens.
    - damage of o-ring (EC31)
    - damage of o-ring (EC32)
    - spring (EC28) too weak or broken

## *ExploXYX Drawing*

35ES & 9ES



311431

## Microfog Thermal Fogger 9ES / 35ES Spare Part List

When ordering spare parts, please always mention the pos., part number, descriptions, number of parts needed.

note: the part without “ # ” is commonly suitable for all appliance types.

the part with “ # ” can only be used on particular mentioned appliance type.

Pos.	Part no.	Description
1	935-001-100	Solution Tank
2	935-002-000	Tank Cap, cpl.
4	935-004-000	O-Ring
7	935-007-000	Cap, cpl.
9	935-009-000	Gasket
10	935-010-100	Fuel Tank
12	935-012-000	Carburettor Cover
13	935-013-000	Gasket
15	909-015-000	O-Ring
16	935-016-000	Regulating Needle, cpl. (17,18)
17	935-017-000	Regulating Needle
18	935-018-000	O-Ring
19#	935-019-000	Atomizer Nozzle, cpl. (20-22), 35ES
19#	909-019-000	Atomizer Nozzle, cpl. (20-22), 9ES
20#	935-020-000	Atomizer Nozzle, 35ES
20#	909-020-000	Atomizer Nozzle, 9ES
21	935-021-000	O-Ring
22	935-022-000	O-Ring
23/5	909-023-050	Cap
24/3#	935-024-030	Carburettor, cpl., 35ES
24/3#	909-024-030	Carburettor, cpl., 9ES
24/2#	935-024-020	Carburettor Assembly, 35ES
24/2#	909-024-020	Carburettor Assembly, 9ES
25	935-025-000	Set Screw, M6x20
26#	935-026-000	Swirl Vane, 35ES
26#	909-026-000	Swirl Vane, 9ES
27#	935-027-000	O-Ring, 35ES
27#	909-027-000	O-Ring, 9ES
27/1	935-027-010	O-Ring
29	935-029-000	O-Ring
30#	935-030-100	Air Intake Valve, cpl. (32,33,34,34/1,60,61,63), 35ES
30#	909-030-100	Air Intake Valve, cpl. (32,33,34,34/1,60,61,63), 9ES
32#	935-032-100	Spacer Plate, 35ES
32#	909-032-100	Spacer Plate, 9ES
33	935-033-100	Diaphragm
34	935-034-100	Valve Boby
34/1	935-034-010	O-Ring
35	935-035-000	Cap Nut, M5
36	935-036-000	Fill. Head Screw, M4x12
37	935-037-000	Gasket
38/1	935-038-010	Check Valve, cpl. (35,39-44)
39	935-039-000	Check Valve
40	935-040-000	Diaphragm
41	935-041-000	O-Ring
42	935-042-000	Gasket

<b>Pos.</b>	<b>Part no.</b>	<b>Description</b>
43	935-043-000	Connecting Link
44	935-044-000	Gasket
46	935-046-000	Air Tube
49	935-049-000	Gasoline Stop Button, cpl. (50-52,18,29)
50	935-050-000	Plunger
51	935-051-000	Bushing
52	935-052-000	Button
54	935-054-000	Gasoline Suction Line, cpl. (56,58,59)
56	935-056-000	Screw Fitting
56/1	935-056-010	Gasket
58	935-058-000	Hose with Filter
59	935-059-000	Felt Tube
60	935-060-000	Silencer
61	935-061-000	Kunrled Nut
63	935-063-000	Countersunk Head Screw, M5x20
64/1		Frame Screw, M4x8
64/2		Hexagon Frame Nut
65	935-065-000	Fill. Head Screw, M5x10
65/1		Screw ST 4.2x10
65/2		Screw ST 4.2x6
66	935-066-000	Tooth Lock Washer
70	935-070-000	Contact Plate Assembly (71-74)
71	935-071-000	Battery Cover
72	935-072-000	Cable
73	935-073-000	Nut, M5
74	935-074-000	Fill. Head Screw, M5x12
76	935-076-00	Fill. Head Screw, M4x30
76/1	935-076-010	Fill. Head Screw, M4x35
77	935-077-000	Cap Nut, M4
78	935-078-000	Starter Button
79	935-079-000	Ignition Coil
79/1	935-079-010	Spark Pulg Cable
79/2	935-079-020	Grommet
80	935-080-000	Grommet
82	935-082-000	Label (Series of Batteries)
84	909-084-010	Support, Blue
85	909-085-010	Support, Blue
86	935-086-000	"LR20/D" Battery Holder
86/1	935-086-010	"LR6/AA" Battery Holder, Optional
87	935-087-000	Contact Spring
88	935-088-000	Wing Screw, M5x10
89/1	909-089-010	Pump, cpl. (90/1, 91)
90	909-090-000	Pump Tube
90/1	909-090-010	Pump Tube w/ Check Valve Assembly
91	909-091-000	Pump Spindle Assembly, 92-96
92	909-092-000	Cap
93	935-093-000	Spring
94	935-094-000	Pump Spindle
95	935-095-000	Collar
96	935-096-000	Handle

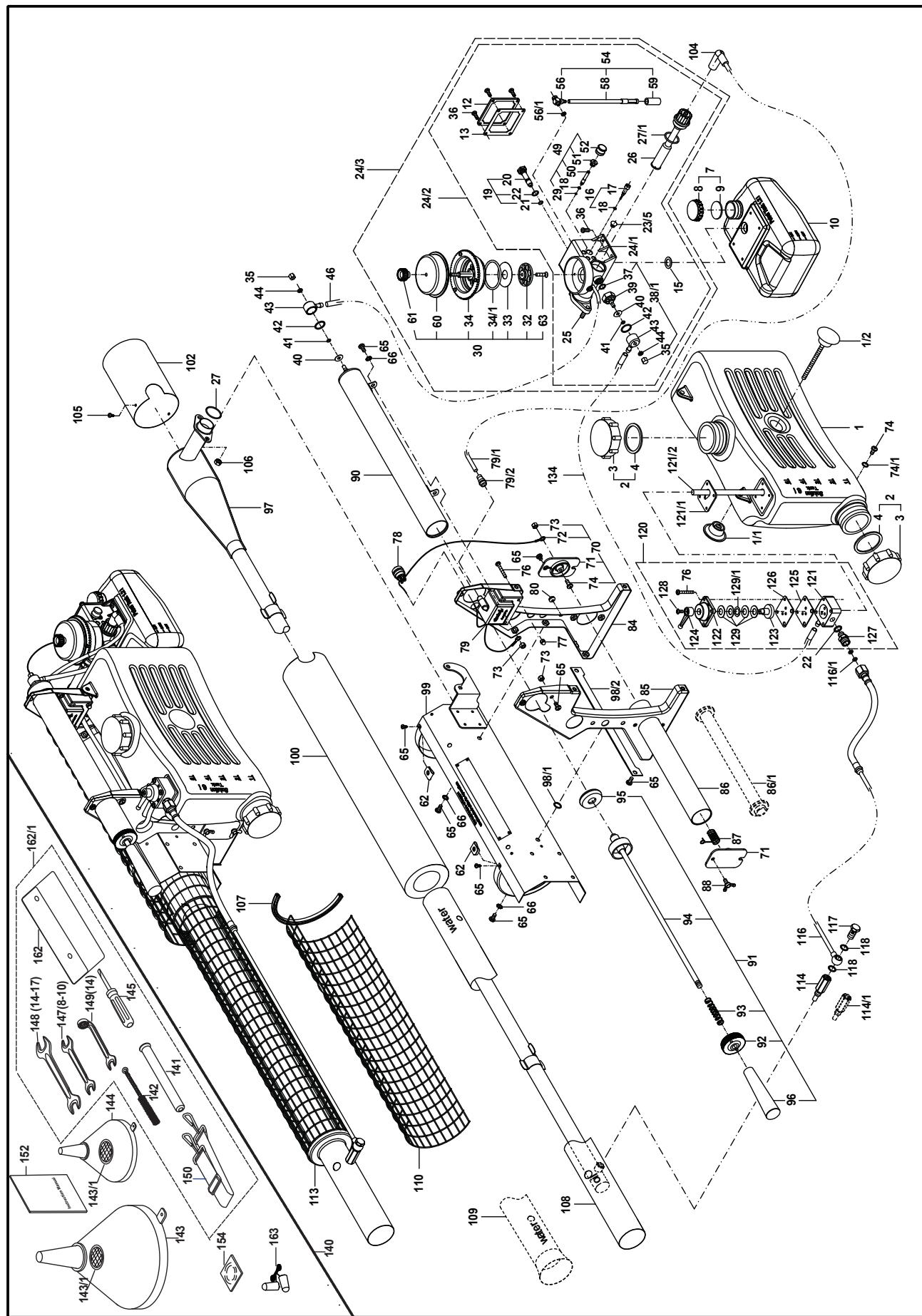
<b>Pos.</b>	<b>Part no.</b>	<b>Description</b>
97#	935-097-000	Resonator, 35ES
97#	909-097-000	Resonator, 9ES
98/2	935-098-020	Protection Shield
98/3	935-098-030	Support Bracket
99	909-099-100	Guard Plate Assembly (99/1, 99/2, 99/3)
99/1	909-099-010	Guard Plate
99/2	909-099-020	Fixing Device
99/3	909-099-030	Bracket
100	909-100-000	Cooling Jacket
102	935-102-010	Hood
104	935-104-000	Spark Plug Socket
106	909-106-000	Hexagon Nut, M6
107	935-107-000	Edge Protection
108#	935-108-000	Universal Fog Tube, 35ES
108#	909-108-000	Universal Fog Tube, 9ES
109#	935-109-000	Water Base Fog Tube, 35ES, Optional
109#	909-109-000	Water Base Fog Tube, 9ES, Optional
110	909-110-000	Protective Cover
111/1	935-111-010	Spire Clip
113#	935-113-010	Protective Guard, 35ES
113#	909-113-010	Protective Guard, 9ES
114	935-114-000	Fog Solution Socket
116/2#	935-116-020	Solution Line Teflon, 35ES
116/2#	909-116-020	Solution Line Teflon, 9ES
117/0.8	935-117-080	Dosage Nozzle 0.8
117/1.0	935-117-100	Dosage Nozzle 1.0
117/1.2	935-117-120	Dosage Nozzle 1.2
118	935-118-000	Gasket
120/1	909-120-010	Solution Tap, cpl. (22,76/1x4,121-131)
121	909-121-000	Tap, Lower Part
121/1	909-121-010	Gasket, Viton
121/2	909-121-020	Solution Tube
122	935-122-000	Tap, Upper Part
123	935-123-000	Tap, Center Part
124	935-124-000	Clamp Handle
125	935-125-000	Gasket
126	935-126-000	Gasket
127/1	909-127-010	Screw Connection
128	935-128-000	Countersunk Head Screw
129	935-129-000	Cup Spring
129/1	935-129-010	Spacer Disc
134	900-020-000	Air Tube
141	935-141-000	Scraper
142	935-142-000	Brush
143	935-143-000	Solution Funnel, cpl. with Strainer
143/1	935-143-010	Strainer
144	935-144-000	Gasoline Funnel, cpl. with Strainer

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<b>Pos.</b>	<b>Part no.</b>	<b>Description</b>
145	935-145-000	Screw Driver, -/+
147	935-147-000	Double Open Ended Spanner, 8-10
148	935-148-000	Double Open Ended Spanner, 14-17
149	935-149-000	Spanner, 14
150	935-150-000	Carrying Strap with Pad
151	909-151-000	Diaphragm Pack
152	909-152-000	Instruction Manual
154	909-154-010	Maintenance Kit, Optional
162	935-162-000	Tool Bag
163	909-163-000	Ear Plug



## Exploded Drawing 35EP, 9EP



# Microfog Thermal Fogger 9EP / 35EP Spare Part List

When ordering spare parts, please always mention the pos., part number, descriptions, number of parts needed.

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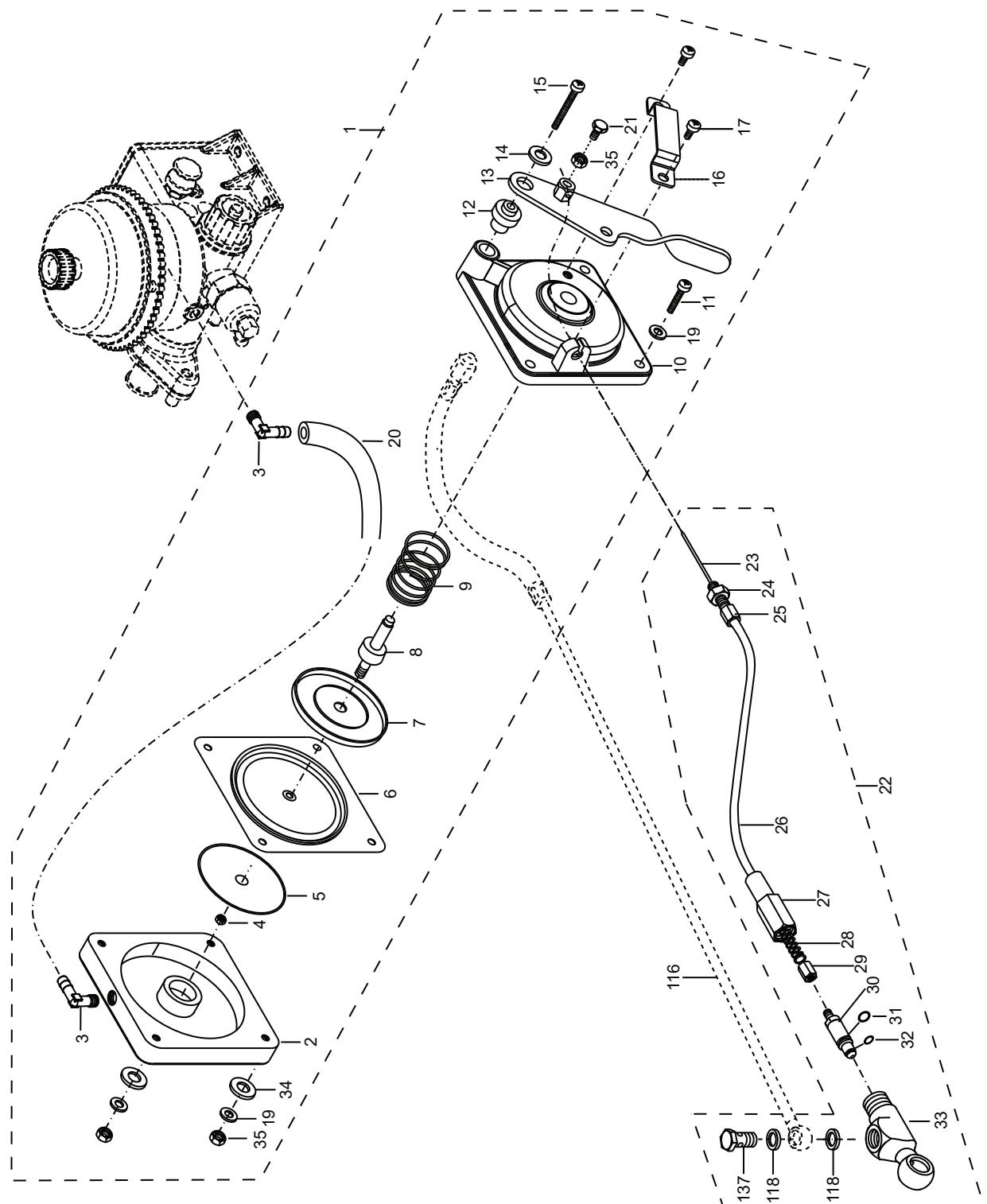
<b>Item.</b>	<b>Part no.</b>	<b>Description</b>
1	909-001-000	Solution Tank, HDPE
1/1	909-001-020	Tube Holder
1/2	909-001-010	Tube Holder Cap
2	909-002-000	Tank Cap Assembly (3,4)
3	909-003-000	Tank Cap
4	240-034-020	Gasket
7	909-007-000	Cap Assembly (8,9)
8	909-008-000	Cap
9	935-009-000	Gasket
10	909-010-000	Fuel Tank, HDPE
12	935-012-000	Carburettor Cover
13	935-013-000	Gasket, Fiber
15	909-015-000	Gasket
16	935-016-000	Regulating Needle Assembly (17,18)
17	935-017-000	Regulating Needle
18	935-018-000	O-Ring
19#	935-019-000	Atomizer Nozzle Assembly, 35E, 35EP (20-22)
19#	909-019-000	Atomizer Nozzle Assembly, 9E, 9EP (20-22)
20#	935-020-000	Atomizer Nozzle, 35E, 35EP
20#	909-020-000	Atomizer Nozzle, 9E, 9EP
21	935-021-000	O-Ring
22	935-022-000	O-Ring
23/4	909-023-040	Set Screw, M6x5
23/5	909-023-050	Plug
24/3#	935-024-030	Carburettor cpl., 35E, 35EP
24/3#	909-024-030	Carburettor cpl., 9E, 9EP
24/2#	935-024-020	Carburettor Assembly, 35E, 35EP
24/2#	909-024-020	Carburettor Assembly, 9E, 9EP
24/1#	935-024-010	Carburettor Housing, 35E, 35EP
24/1#	909-024-010	Carburettor Housing, 9E, 9EP
25	935-025-000	Set Screw, M6x20
26#	935-026-000	Swirl Vane, 35E, 35EP
26#	909-026-000	Swirl Vane, 9E, 9EP
27#	935-027-000	O-Ring, 35E, 35EP
27#	909-027-000	O-Ring, 9E, 9EP
27/1	935-027-010	O-Ring
29	935-029-000	O-Ring
30#	935-030-000	Air Intake Valve Assembly, 35E, 35EP (32,33,34,34/1,60,61,63)
30#	909-030-000	Air Intake Valve Assembly, 9E, 9EP (32,33,34,34/1,60,61,63)

<b>Item.</b>	<b>Part no.</b>	<b>Description</b>
32#	935-032-000	Spacer Plate, 35E, 35EP
32#	909-032-000	Spacer Plate, 9E, 9EP
33	935-033-000	Diaphragm
34	935-034-000	Valve Boby
34/1	935-034-010	O-Ring
35	935-035-000	Cap Nut, M5
36	935-036-000	Fillister Head Screw, M4x12
37	935-037-000	Gasket, Fiber
38/1	935-038-010	Check-Valve Assembly
39	935-039-000	Check-Valve
40	935-040-000	Diaphragm, Viton
41	935-041-000	O-Ring
42	935-042-000	Gasket
43	935-043-000	Connecting Link
44	935-044-000	Gasket, Fiber
46	935-046-000	Air Tube
49	935-049-000	Gasoline Stop Button Assembly (50-52,18,29)
50	935-050-000	Plunger
51	935-051-000	Bushing
52	935-052-000	Button
54	935-054-000	Gasoline Suction Line Assembly (56,58,59)
56	935-056-000	Screw Fitting
56/1	935-056-010	Gasket
58	935-058-000	Hose with Filter
59	935-059-000	Felt Tube
60	935-060-000	Silencer
61	935-061-000	Kunrled Nut
62	935-062-000	Sheet Metal Nut, M5
63	935-063-000	Countersunk Head Screw, M5x20
65	935-065-000	Fillister Head Screw, M5x10
66	935-066-000	Tooth Lock Washer
70	935-070-000	Contact Plate with Cable (71-74)
71	935-071-000	Battery Cover
72	935-072-000	Cable
73	935-073-000	Nut, M5
74	935-074-000	Fillister Head Screw, M5x12
74/1	909-074-010	Plain Washer
76	935-076-000	Fillister Head Screw, M4x30
77	935-077-000	Cap Nut, M4
78	935-078-000	Starter Button
79	935-079-000	Ignition Coil
79/1	935-079-010	Spark Pulg Cable
79/2	935-079-020	Grommet
80	935-080-000	Grommet
84	909-084-000	Support, Blue

<b>Item.</b>	<b>Part no.</b>	<b>Description</b>
85	909-085-000	Support, Blue
86	935-086-000	"D" Battery Holder
86/1	935-086-010	"AA" Battery Holder
87	935-087-000	Contact Spring
88	935-088-000	Wing Screw, M5x10
89	909-089-000	Pump Assembly (90,91/1,91)
90	909-090-000	Pump Tube
90/1	909-090-010	Check-Valve, Pump Tube
91	909-091-000	Pump Spindle Assembly, 92-96
92	909-092-000	Cap
93	935-093-000	Spring
94	935-094-000	Pump Spindle
95	935-095-000	Collar
96	935-096-000	Handle
97#	935-097-000	Resonator, 35E, 35EP
97#	909-097-000	Resonator, 9E, 9EP
98/1	935-098-010	Gasket
98/2	935-098-020	Protection Shield
99	909-099-000	Fixing Device
100	909-100-000	Cooling Jacket, Black
102#	935-102-010	Hood, 35E, 35EP
102#	909-102-010	Hood, 9E, 9EP
104	935-104-000	Spark Plug Socket
105	935-105-000	Tapping Screw, 2.9x6.5 ISO 07049
106	935-106-000	Hexagon Nut, M6
107	909-107-000	Edge Protection
108#	935-108-000	Universal Fog Tube, 35E, 35EP
108#	909-108-000	Universal Fog Tube, 9E, 9EP
109#	935-109-000	Special Fog Tube for Water Base , 35E, 35EP
109#	909-109-000	Special Fog Tube for Water Base , 9E, 9EP
110	909-110-000	Protective Cover
113#	935-113-010	Protective Guard, 35E, 35EP
113#	909-113-010	Protective Guard, 9E, 9EP
114	909-114-000	Fog Solution Socket
114/1	909-114-010	Special Fog Solution Socket (Water Base)
116#	935-116-010	Solution Line Teflon, 35E, 35EP
116#	909-116-010	Solution Line Teflon, 9E, 9EP
116/1	504-007-007	O-Ring
117/0.8	909-117-080	Dosage Nozzle, 0.8
117/1.0	909-117-100	Dosage Nozzle, 1.0
117/1.2	909-117-120	Dosage Nozzle, 1.2
118	909-118-000	Gasket, CF
120	909-120-000	Solution Tap Assembly (22,76x4,121-131)
121	909-121-000	Tap, Lower Part
121/1	909-121-010	Gasket
121/2	909-121-020	Solution Tube
122	935-122-000	Tap, Upper Part

<b>Item.</b>	<b>Part no.</b>	<b>Description</b>
123	935-123-000	Tap, Center Part
124	935-124-000	Clamp Handle
125	935-125-000	Gasket
126	935-126-000	Gasket, Teflon
127	909-127-000	Screw Connection
128	935-128-000	Countersunk Head Screw, M4x10
129	935-129-000	Cup Spring
129/1	935-129-010	Spacer Disc
134	909-134-000	Air Tube
140#	935-140-010	Standard Accessories (143,144,152,154,162/1,163)
140#	909-140-010	Standard Accessories (143,144,152,154,162/1,163)
141	935-141-000	Scraper
142	935-142-000	Brush
143	935-143-000	Solution Funnel Assembly with Strainer
143/1	935-143-010	Strainer
144	935-144-000	Gasoline Funnel Assembly with Strainer
145	935-145-000	Screw Driver, -/+
147	935-147-000	Double Open Ended Spanner, 8x10
148	935-148-000	Double Open Ended Spanner, 14x17
149	935-149-000	Spanner, 14 "L"
150	935-150-000	Carrying Strap with Pad
152	909-152-000	Instruction Manual
154#	935-154-010	Maintenance Kit, 35E, 35EP (13, 15, 21, 22, 27#, 27/1, 29, 33, 37, 59, 121/1, 125, 126, 2x(18,40,41,42,44,118) )
154#	909-154-010	Maintenance Kit, 9E, 9EP (13, 15, 21, 22, 27#, 27/1, 29, 33, 37, 59, 121/1, 125, 126, 128(108,410,421,442,1118) )
162	935-162-000	Tool Bag
162/1	909-162-010	Tool Kit (141,142,145,147,148,149,150,162)
163	935-163-000	Ear Plug

**Emergency Cut-off Device "EC"**  
 (only equipped with 35ES and 9ES)



281526

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## Emergency Cut-off Device “EC” Spare Part List

When ordering spare parts, please always mention the pos., part number, descriptions, number of parts needed.

note: the part without “ # ” is commonly suitable for all appliance types.  
the part with “ # ” can only be used on particular mentioned appliance type.

Pos.	Part no.	Description
EC-1	900-001-000	Pressure Cell, cpl.
EC-2	900-002-000	Housing Base
EC-3	900-003-010	Angle Socket
EC-4	900-004-000	Lock Nut, M4
EC-5	900-005-000	Plate
EC-6	900-006-000	Diaphragm
EC-7	900-007-000	Plate
EC-8	900-008-000	Piston
EC-9	900-009-000	Pressure Spring
EC-10	900-010-000	Housing Top
EC-11	935-130-000	Fill. Head Screw, M4x25
EC-12	900-012-000	Bearing Bush
EC-13	900-013-000	Lever
EC-14	900-014-000	Plain Washer
EC-15	900-015-000	Fill. Head Screw, M4x40
EC-16	900-016-000	Bowl
EC-17	900-017-000	Fill. Head Screw, M4x6
EC-19	900-019-000	Plain Washer
EC-20	909-134-000	Air Tube
EC-21	935-036-000	Hexagon Screw, M4x12
EC-22#	900-022-909	Bowden Cable, cpl., 9ES
EC-22#	900-022-935	Bowden Cable, cpl., 35ES
EC-23#	900-023-909	Cable, 9ES
EC-23#	900-023-935	Cable, 35ES
EC-24	935-106-000	Hexagon Nut, M6
EC-25	900-025-000	Screw -Type Nipple M6
EC-26#	900-026-909	Cable Guide, 9ES
EC-26#	900-026-935	Cable Guide, 35ES
EC-27	900-027-000	Screw Housing
EC-28	900-028-000	Pressure Spring
EC-29	900-029-000	Nut, M4
EC-30	900-030-000	Plunger
EC-31	935-041-000	O-Ring
EC-32	260-040-000	O-Ring
EC-33	900-033-010	Valve Housing
EC-34	935-056-010	Gasket
EC-35	935-131-000	Hexagon Nut, M4
118	935-118-000	Gasket
137	935-137-000	Hollow Screw
	900-036-010	Maintenance Kit (6,31,32)x1, 118x2, 34x4

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## **NOTE**



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