



Spirit

Parts list Spirit

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Order parts via: spareparts@keesvanderwesten.com

Parts number in red means that you should contact us before ordering.



Ordering information

When ordering spare parts directly from Kees van der Westen we ask you to send your parts list to spareparts@keesvanderwesten.com as comprehensive as possible to minimise the chance of mistakes in the delivered parts. Include the machine model, type and machine number if the parts order concerns a specific machine, also include the parts-list version you consulted.

The list should state amount, parts number and short description, see the example on the next page.

You can download the different parts lists:

Spirit: <http://www.keesvanderwesten.com/assets/spirit-parts-list.pdf>

Mirage: <http://www.keesvanderwesten.com/assets/mirage-parts-list.pdf>

Speedster: <http://www.keesvanderwesten.com/assets/speedster-parts-list.pdf>

If the parts list is not conclusive, seek contact with support@keesvanderwesten.com before ordering.

One recipient please

When ordering parts or putting forward a question about parts, please address only one recipient on our side. When more employees receive the same email/request it is possible that all or none of the recipients feel responsible to take action.

Receive parts

In order to receive your spare parts order we need your full details, see example on next page:

- Billing address
- Delivery address
- Contact person
- Telephone number(s)
- E-mail address

As we do not know the final UPS shipping costs upon sending your order, we will bill you after these costs are known to us.

So normally you will receive the goods first and the invoice afterwards.

Payment

As for the payment of your order. Payment can be settled with PayPal or a bank wire transfer. We do not accept direct credit card transactions.

If you have a PayPal account set up it should be settled rather quickly. We could send you a payment request which takes care of it almost instantly.

A bank wire transfer is also possible, but we do not know if your bank charges additional costs and/or fees.

Please let us know which option you prefer. If you would like to pay with PayPal, we kindly ask you to inform us which email address we may send our request.



Parts order example

Send your list to: spareparts@keesvanderwesten.com

Machine model	Spirit	parts order
Machine type	Triplette Bastone	
Machine number	31230215	
Parts list	December 7, 2016	

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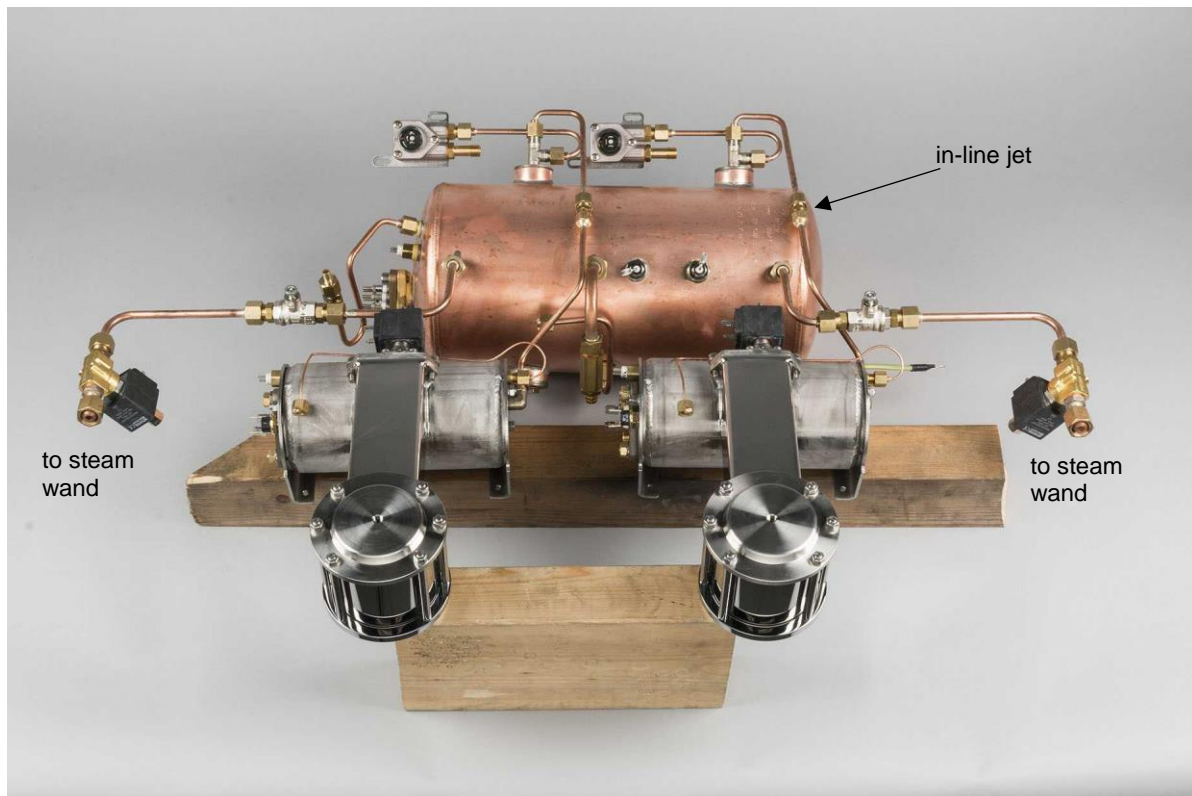
Customer number (if known)
Contact person	Coffee Lover
Billing address	Espressostreet 30 1234 Arabica COLUMBIA
Delivery address	Ristrettolane 15-ML 1234 Arabica COLUMBIA
Telephone	+12 345 678 9012
e-mail	c.lover@gmail.com

Remark: When ordering numerous parts for older machines it is wise to explain here what you like to establish. It helps us to identify possible mistakes in the parts-order such that we will seek contact to clarify the order before picking and shipping.

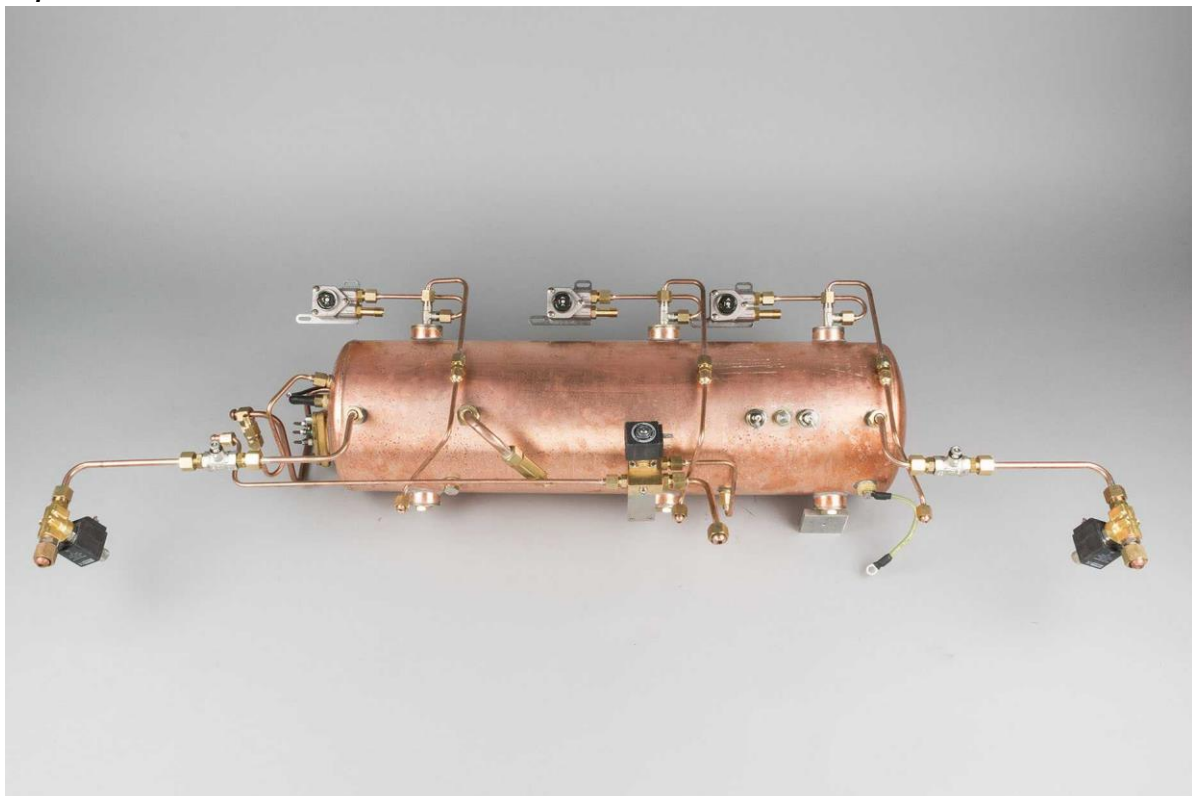


Steam boiler

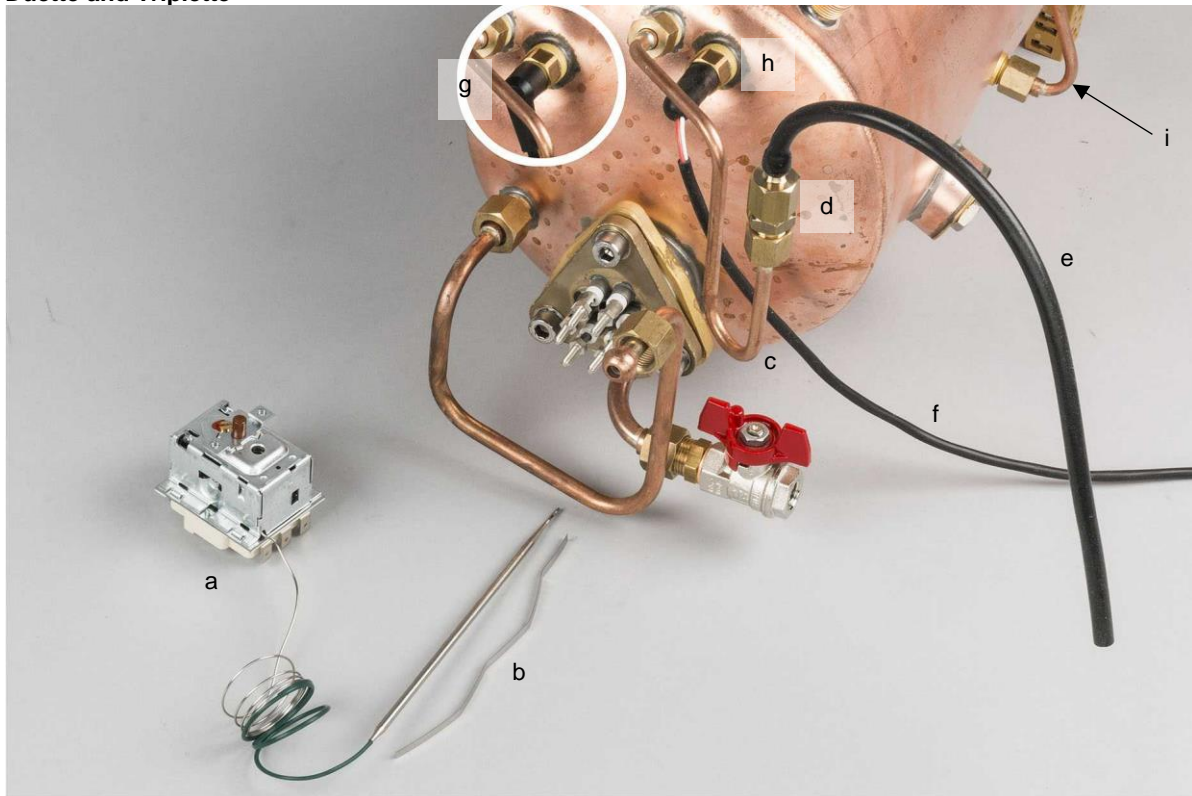
Duette overview



Triplette overview



LHS of steam boiler: overheat protection, anti-vacuum valve and temperature sensor
Duette and Triplette

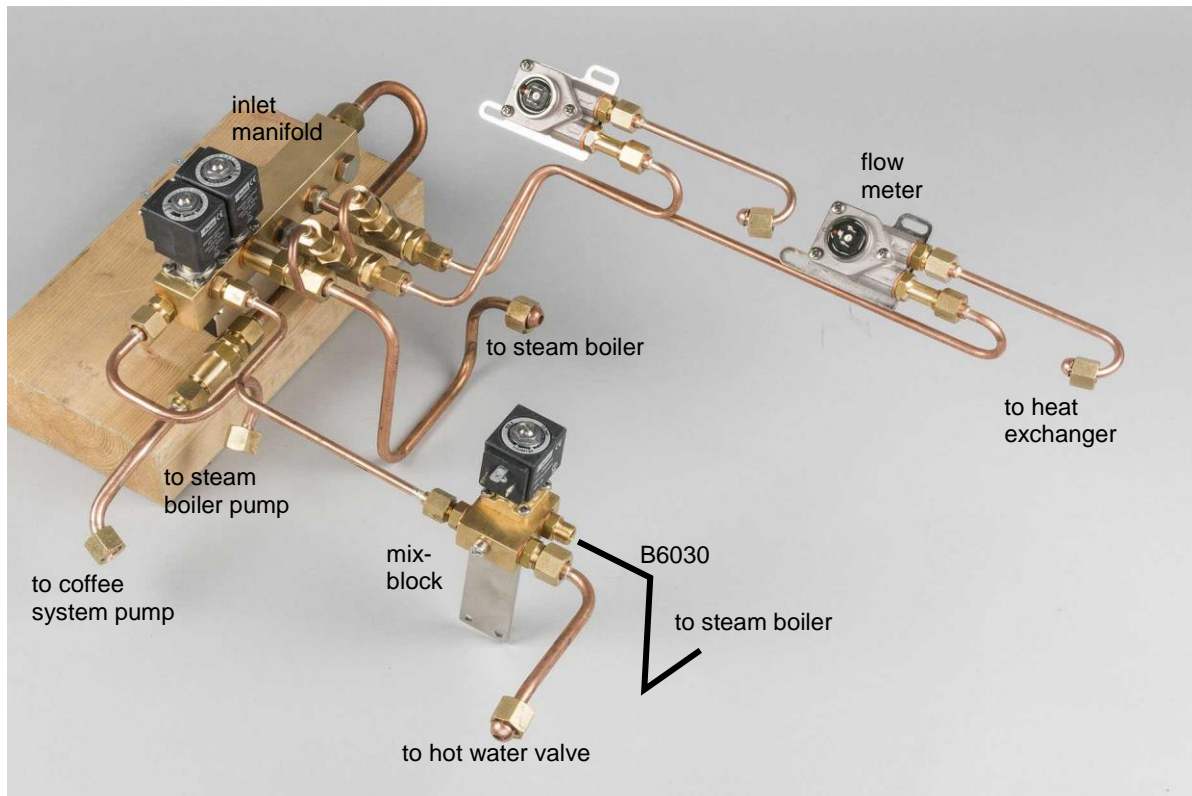


	Part number	Short description	remark
a	E033-3	3-phase overheat protection switch; manual reset, 155°C	
b	E130-S	temperature probe clamping strip; s.st., 138x4x0.3mm	use instead of heat conducting paste
c	B6060	6mm copper tube; steam boiler ↔ anti-vacuum valve (Spirit)	
d	B033	anti-vacuum valve 1/4M - hose pillar; brass	
e	B6079	hose 4x8mm; black silicone, 28cm long	
f	VMR-E1005-KR	temperature sensor cable; with fastons, no longer available	replaced by E1005-KH
	C-HK-G	heat resistant cap, 9.5x25.4mm (for unused faston connectors)	
g	E1005-KH	temperature sensor cable; 575mm, angular moulded plug	
h	E1005-LV	temperature sensor Pt100 1/8M; 2-wire, 27mm (Tasseron)	short probe
i	B6030	6mm copper tube; steam boiler ↔ mix-block (Spirit)	

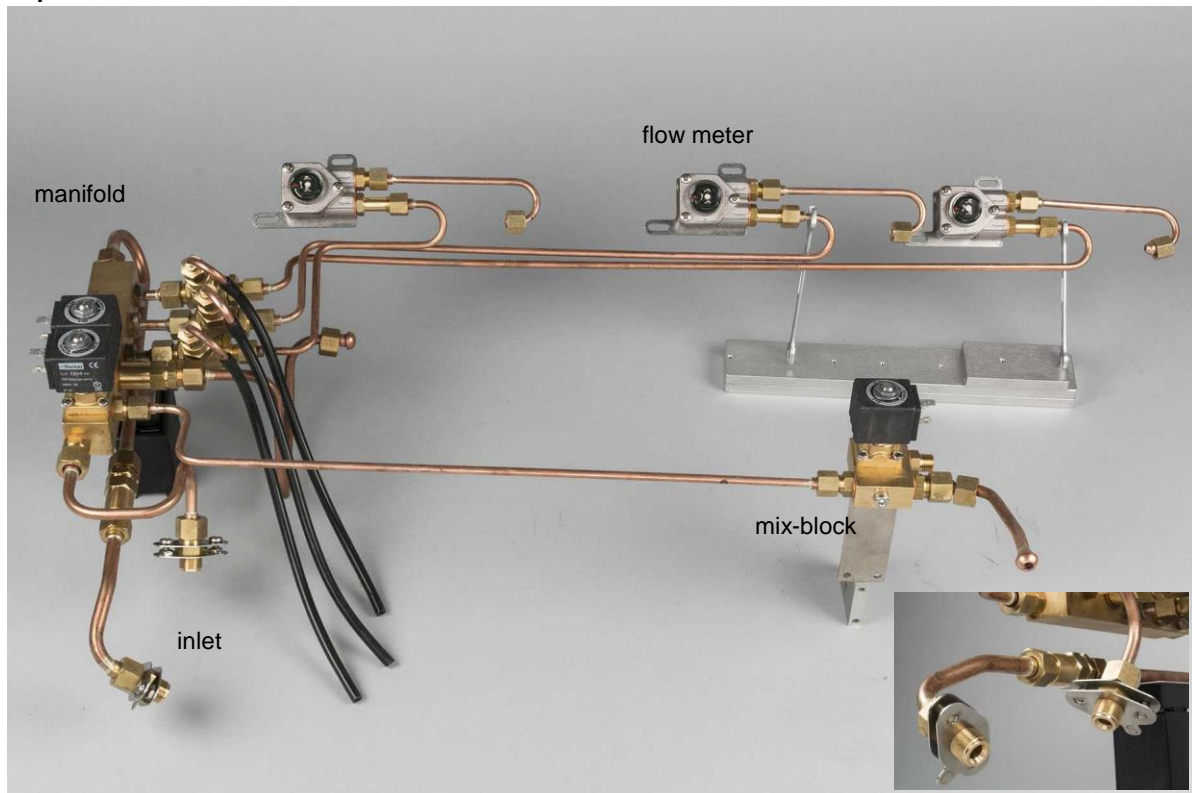


Inlet to manifold to flow meter, mix-block and boiler

Duette overview

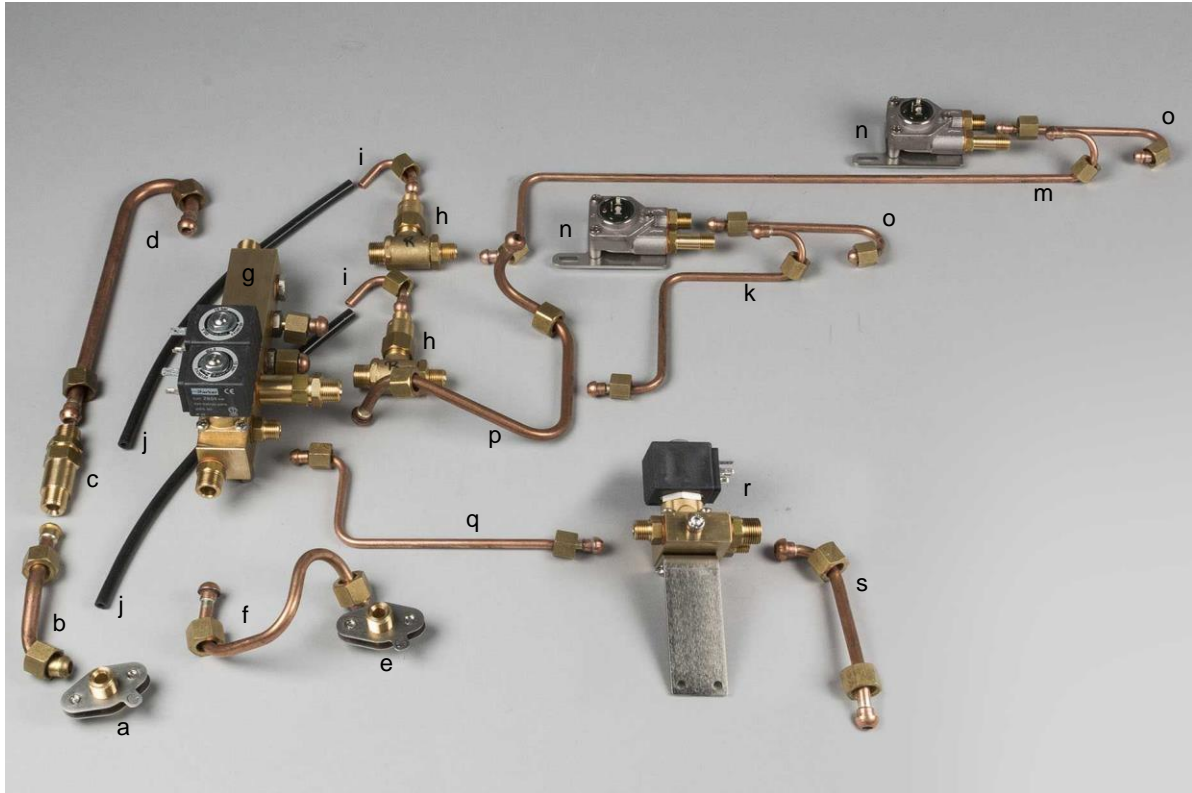


Triplette overview



Inlet to manifold to flow meter, mix-block and boiler

Duette

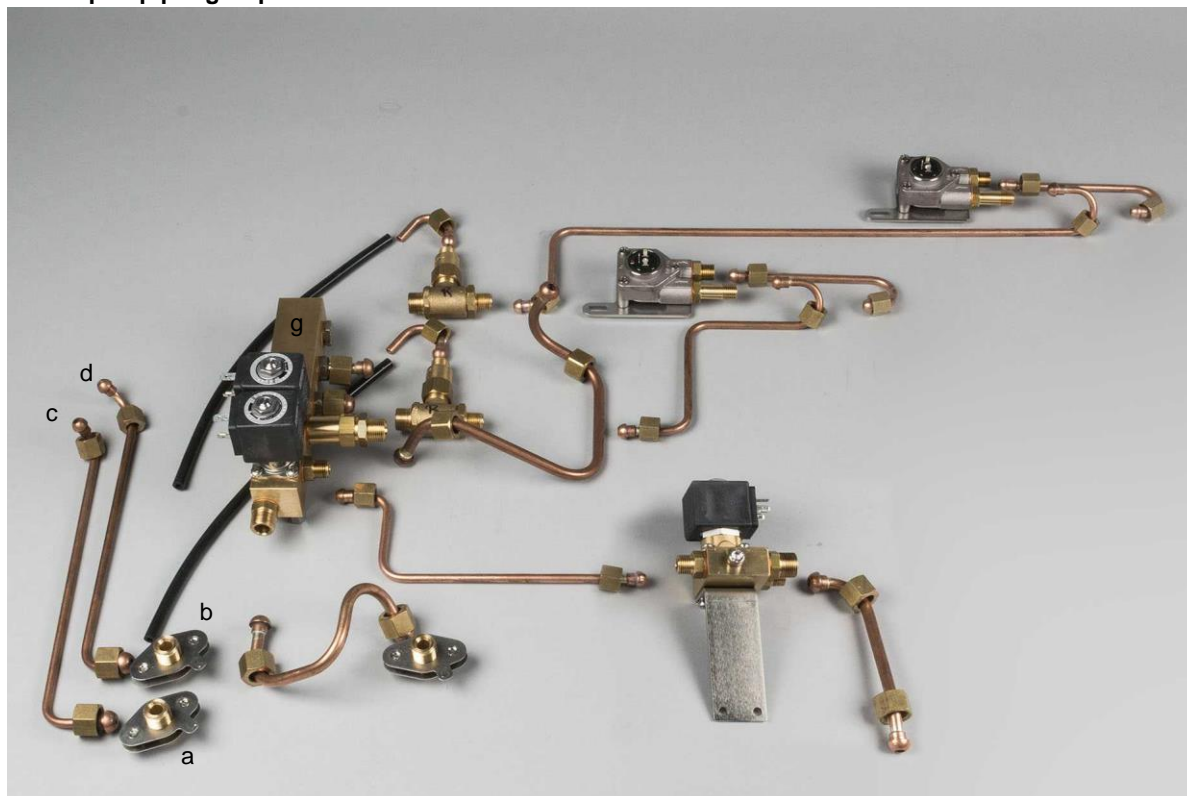


	Part number	Short description	remark
a	F6018-C	inlet mounting plate with nuts; s.st., marked "C"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
b	B6027	10mm copper tube; inlet fitting ↔ one-way valve (Spirit)	
c	B029-C	one-way valve 3/8M-3/8M; brass	
d	B6028	10mm copper tube; one-way valve ↔ manifold (Spirit)	
e	F6018-S	inlet mounting plate with nuts; s.st., marked "S"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
f	B6026-v1	8mm copper tube; inlet fitting ↔ manifold (Spirit 2-pump)	
g	VR-B6004-DC	manifold assembly Spirit Du; 2-pump machine	see page 38
h	B6101-IC	combi valve (one-way/expansion); brass	
i	B6023	6mm copper tube; combi valve ↔ discharge hose	
	W0014	swivel nut 1/4"; brass	
j	B6079	hose 4x8mm; black silicone, 28cm long	
k	B6036-L	6mm copper tube; combi valve ↔ flow meter (Spirit Du&Tr-left)	
m	B6036-DR	6mm copper tube; combi valve ↔ flow meter (Spirit Du-right)	
n, o		flow meter with fittings and mounting plate, tubing	see page 12
p	VR-B6035	8mm copper tube; manifold ↔ steam boiler (Spirit)	B6035-v2
nip	B6035-v2	10mm copper tube; manifold ↔ steam boiler (Spirit)	
q	B6029-D	6mm copper tube; manifold ↔ mix-block (Spirit Du)	
r	B6003-C	mix-block assembly Spirit; with bracket	see page 37
s	B6031	8mm copper tube; mix-block ↔ front panel fitting (Spirit)	
nip	B6030	6mm copper tube; steam boiler ↔ mix-block (Spirit)	see page 6



Inlet to manifold to flow meter, mix-block and boiler

Duette pump per group



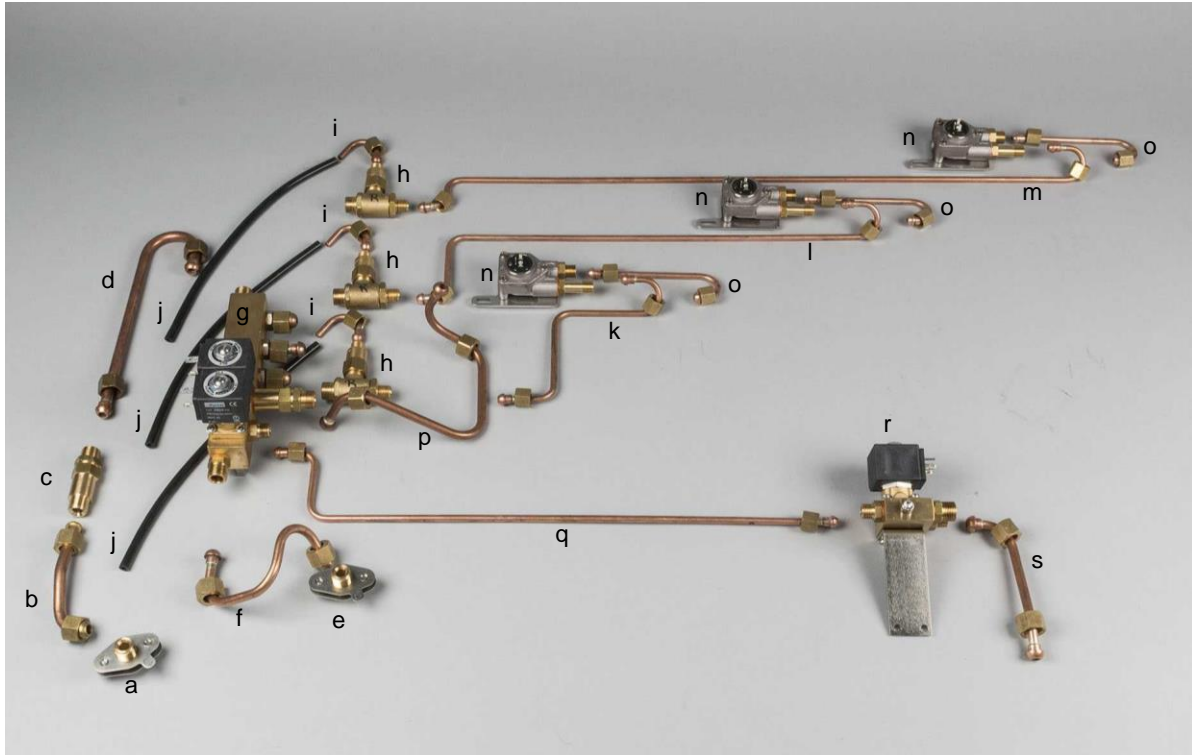
	Part number	Short description	remark
a	F6018-L	inlet mounting plate with nuts; s.st., marked "L"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
b	F6018-R	inlet mounting plate with nuts; s.st., marked "R"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
c	B6026-PL	6mm copper tube; inlet fitting ↔ manifold (Spirit Du&Tr, left)	
d	B6026-PM	6mm copper tube; inlet fitting ↔ manifold (Spirit Du-right, Tr-center)	
g	VR-B6114-DC	manifold assembly Spirit Du; pump per group	see page 40
nip	B6030	6mm copper tube; steam boiler ↔ mix-block (Spirit)	see page 6

all other items as previous page



Inlet to manifold to flow meter, mix-block and boiler

Triplette

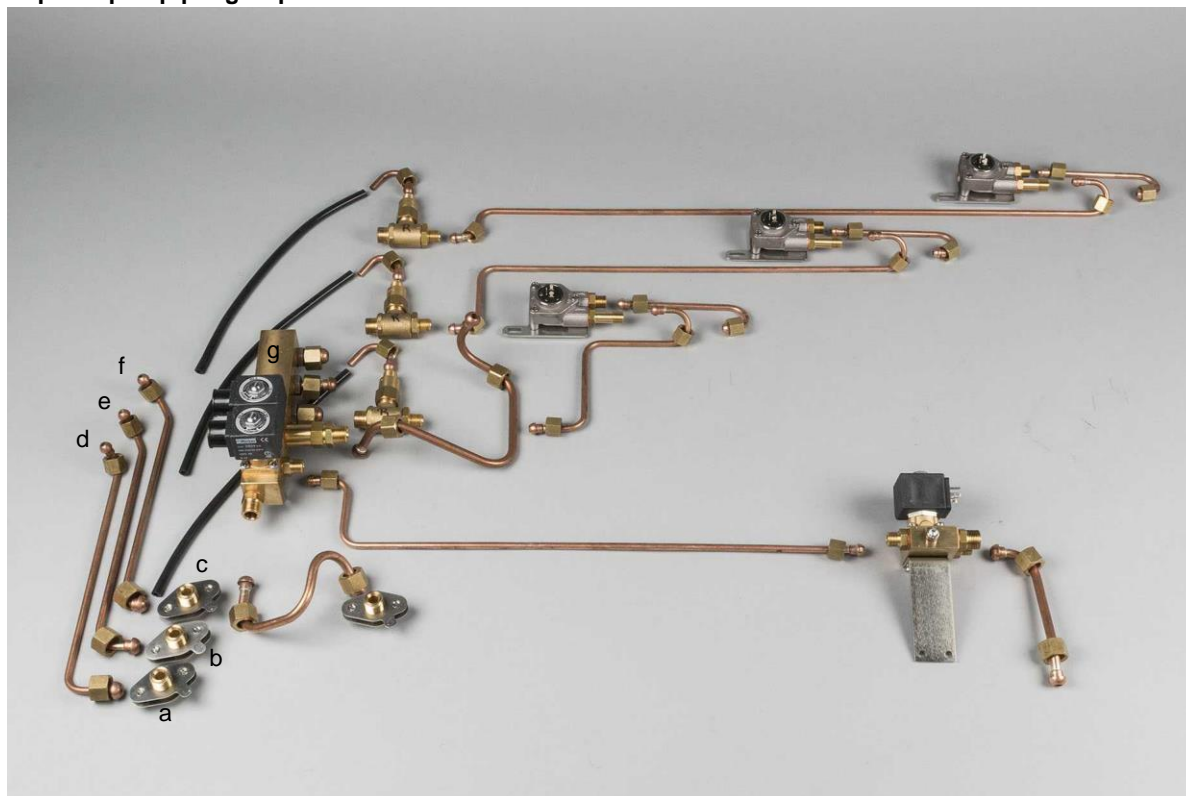


	Part number	Short description	remark
a	F6018-C	inlet mounting plate with nuts; s.st., marked "C"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
b	B6027	10mm copper tube; inlet fitting ↔ one-way valve (Spirit)	
c	B029-C	one-way valve 3/8M-3/8M; brass	
d	B6028	10mm copper tube; one-way valve ↔ manifold (Spirit)	
e	F6018-S	inlet mounting plate with nuts; s.st., marked "S"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
f	B6026-v1	8mm copper tube; inlet fitting ↔ manifold (Spirit 2-pump)	
g	XVR-B6004-TC	manifold assembly Spirit Tr; 2-pump machine	see page 39
h	B6101-IC	combi valve (one-way/expansion); brass	for Spirit
i	B6023	6mm copper tube; combi valve ↔ discharge hose	
	W0014	swivel nut 1/4"; brass	for B6023
j	B6079	hose 4x8mm; black silicone, 28cm long	
k	B6036-L	6mm copper tube; combi valve ↔ flow meter (Spirit Du&Tr-left)	
l	B6036-TM	6mm copper tube; combi valve ↔ flow meter (Spirit Tr-center)	
m	B6036-TR	6mm copper tube; combi valve ↔ flow meter (Spirit Tr-right)	
n, o	see page 12	flow meter with fittings and mounting plate, tubing	see page 12
p	VR-B6035	8mm copper tube; manifold ↔ steam boiler (Spirit)	B6035-v2
nip	B6035-v2	10mm copper tube; manifold ↔ steam boiler (Spirit)	
q	B6029-T	6mm copper tube; manifold ↔ mix-block (Spirit Tr)	
r	B6003-C	mix-block assembly Spirit; with bracket	see page 37
s	B6031	8mm copper tube; mix-block ↔ front panel fitting (Spirit)	
nip	B6030	6mm copper tube; steam boiler ↔ mix-block (Spirit)	see page 6



Inlet to manifold to flow meter, mix-block and boiler

Triplette pump per group



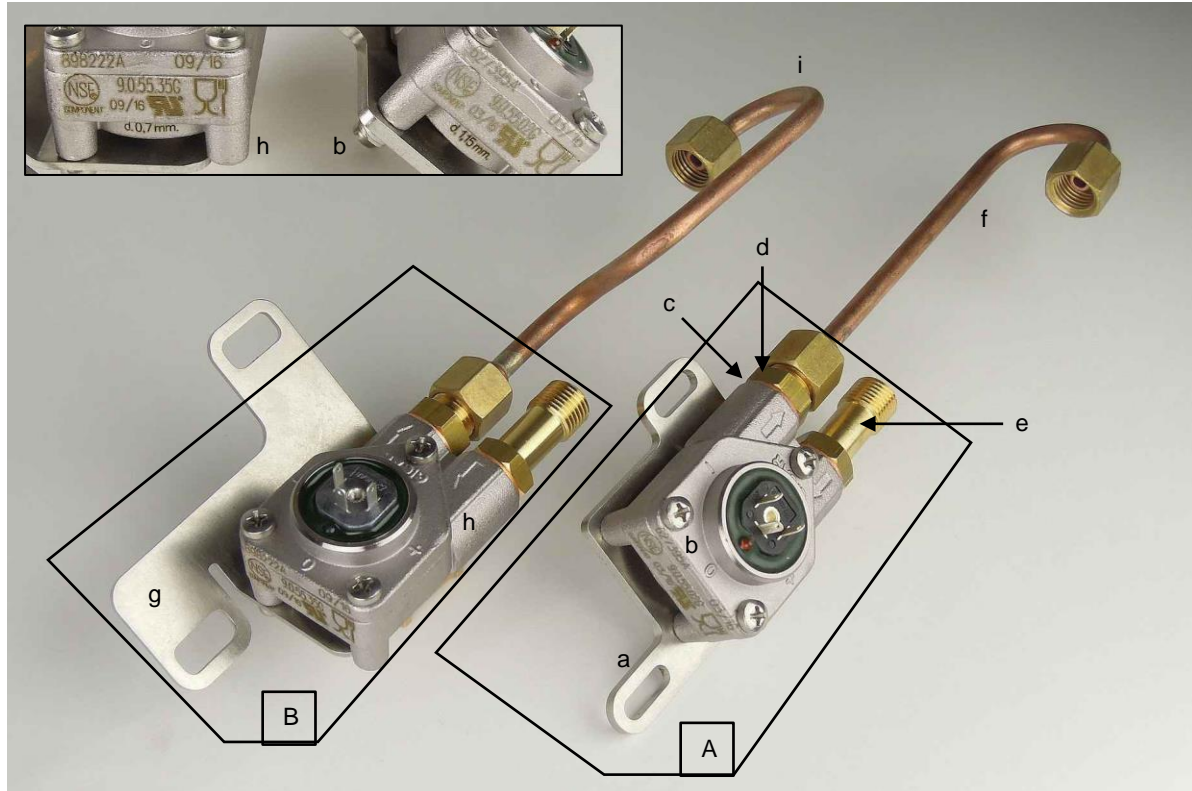
	Part number	Short description	remark
a	F6018-L	inlet mounting plate with nuts; s.st., marked "L"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
b	F6018-C	inlet mounting plate with nuts; s.st., marked "C"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
c	F6018-R	inlet mounting plate with nuts; s.st., marked "R"	
	F6017	inlet mounting plate; s.st.	
	A009-F	fitting 3/8M - 3/8M; brass	
d	B6026-PL	6mm copper tube; inlet fitting ↔ manifold (Spirit Du&Tr, left)	
e	B6026-PM	6mm copper tube; inlet fitting ↔ manifold (Spirit Du-right, Tr-center)	
f	B6026-PR	6mm copper tube; inlet fitting ↔ manifold (Spirit Tr-right)	
g	VR-B6114-TC	manifold assembly Spirit Tr; pump per group	see page 41

all other items as previous page



Inlet to manifold to flow meter, mix-block and boiler

Flow meter



Individual parts flow meter:

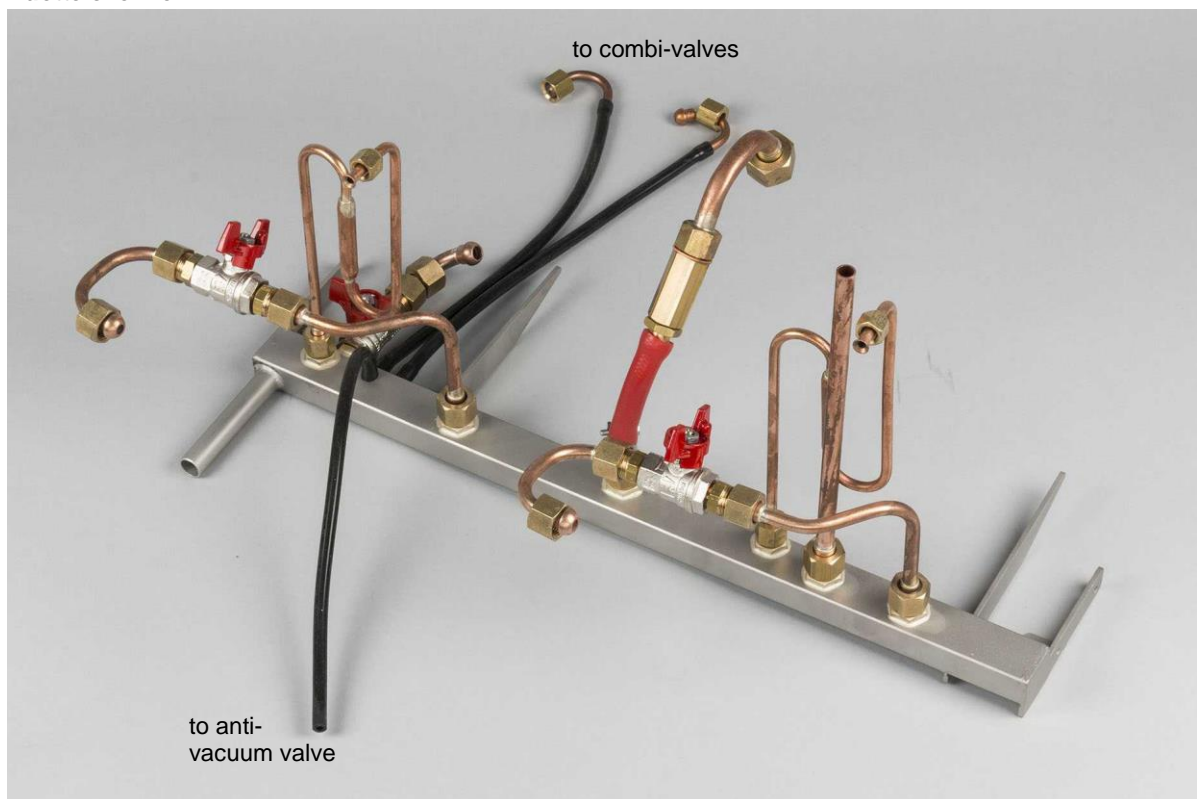
	Part number	Short description	remark
A	E6131-C	flow meter assembly, 1.15mm; slanted mount	without B6022-v1
a	F6051	flow meter bracket Spirit; s.st., slanted mount	
b	E031	flow meter, orifice 1.15mm, 0.5 ml/pulse; TEA plated brass	35-1600 ml/min
nip	E031-v2	flow meter, orifice 1.15mm, 0.5 ml/pulse; TEA, low Pb brass	35-1600 ml/min
c	B079	ring 1/4"; copper	2 needed
d	S036	fitting 1/4M-1/4M; brass	
e	B6064-L	extended fitting 1/4M-1/4M; brass	
nip	C-SK-M4x12	Philips screw din7985 M4x12; s.st.	3 needed
f	B6022-v1	6mm copper tube; flow meter ↔ heat exchanger	after August 2013

B	E6131-Cv2	flow meter assembly 0.7mm; horizontal mount	without B6022-v2
nip	E6131-Cv3	flow meter assembly 1.15mm; horizontal mount	without B6022-v2
g	VR-F6051-v2	flow meter bracket Spirit; s.st., horizontal mounting	
h	E031-07	flow meter, orifice 0.7mm, 0.3 ml/pulse; TEA plated brass	25-700 ml/min
nip	E031-07v2	flow meter orifice 0.7mm, 0.3 ml/pulse; TEA, low Pb brass	25-700 ml/min
nip	C-SK-M4x12	Philips screw din7985 M4x12; s.st.	2 needed
i	B6022-v2	6mm copper tube; flow meter ↔ heat exchanger	after October 2016

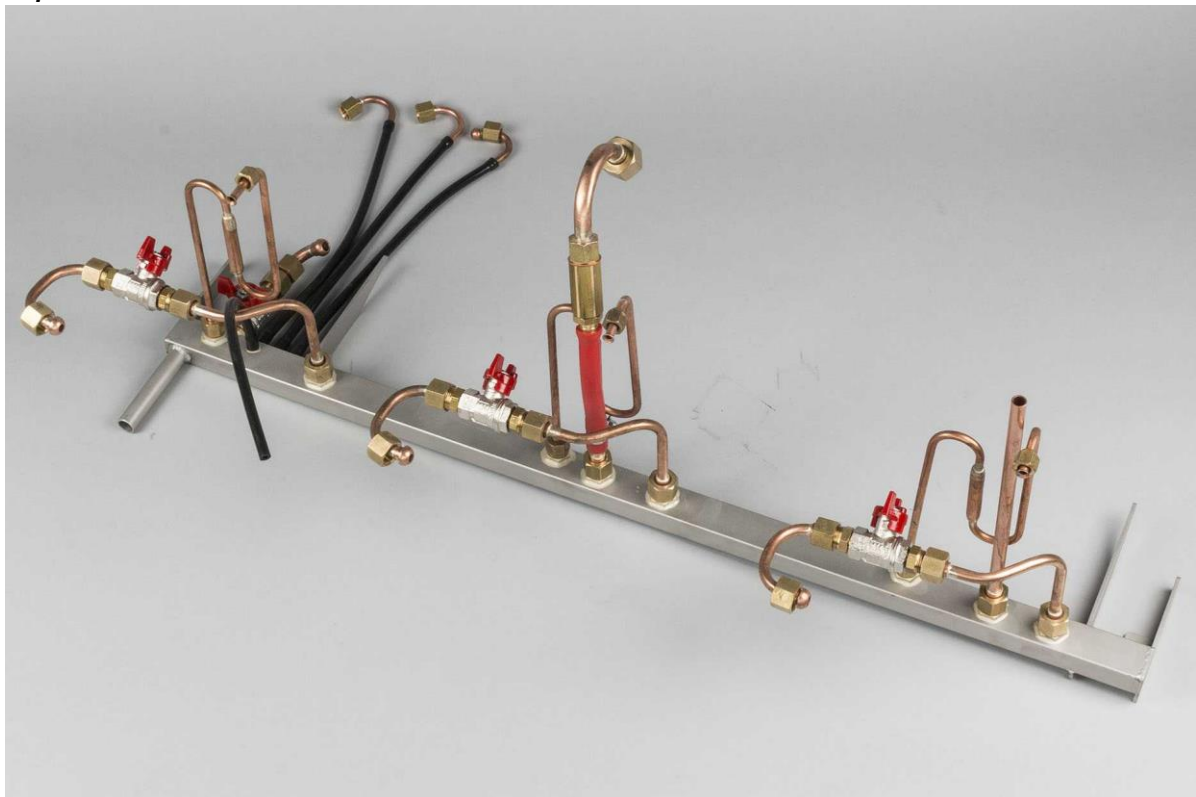


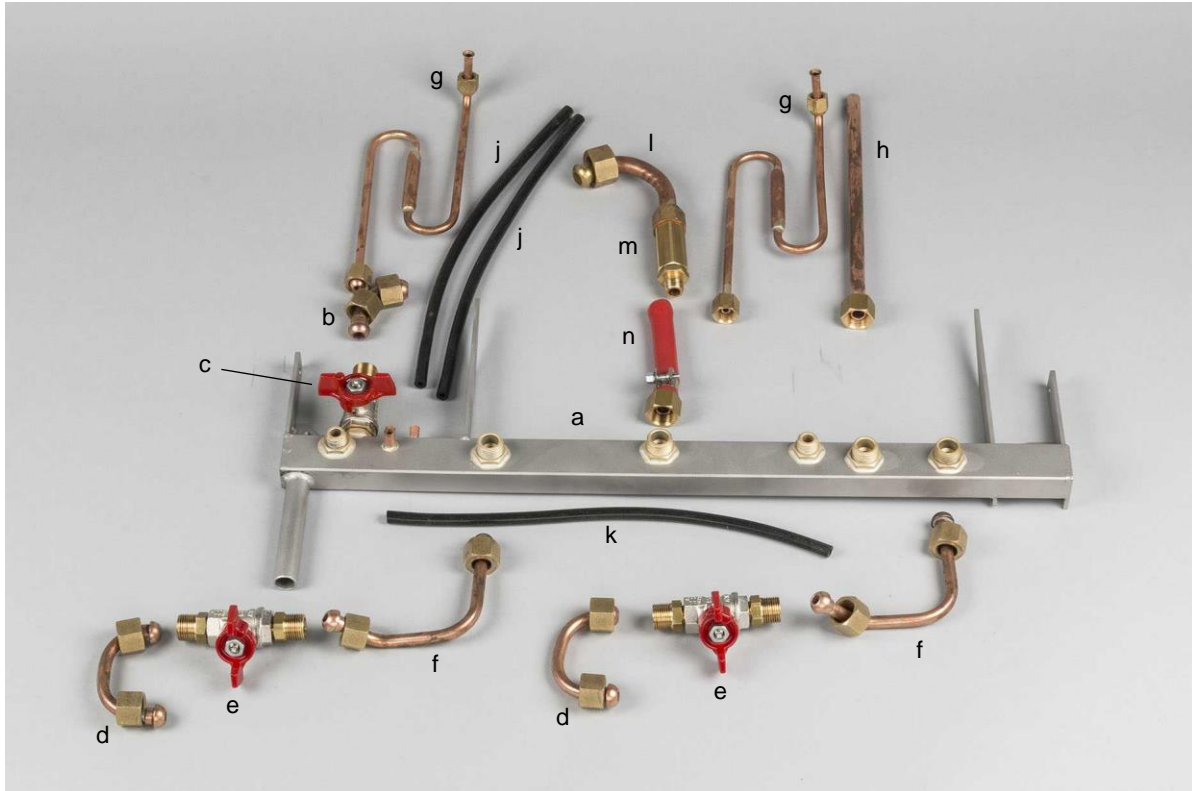
Discharge

Duette overview



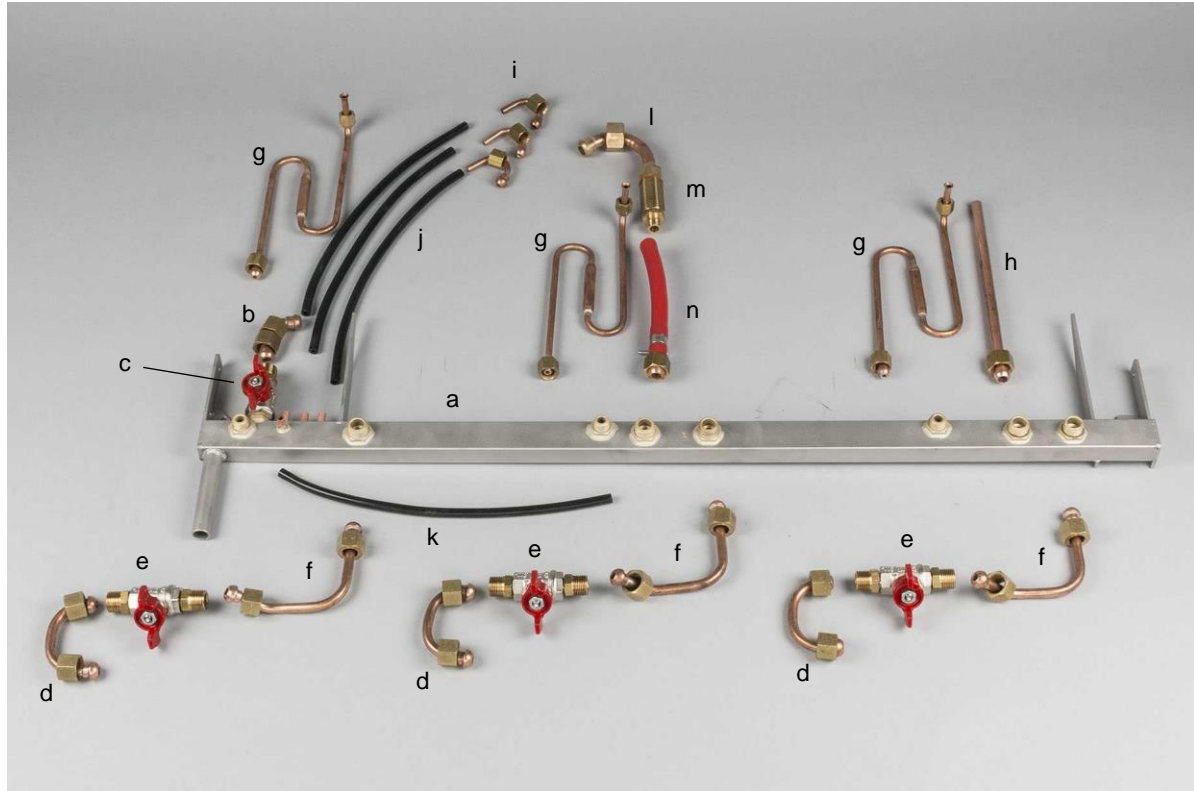
Triplette overview



Duette

	Part number	Short description	remark
a	B6025-D	main discharge pipe with drain valve Spirit Du; s.st.	incl. item c
b	B6054	10mm copper tube; steam boiler ↔ drain valve (Spirit)	
c	B076	ball valve 1/4F-1/4F; nickel plated brass, butterfly handle	
	S037	fitting 1/4M-3/8M; brass	
	B079	ring 1/4"; copper	a includes 2 rings
d	B6050	8mm copper tube; coffee boiler ↔ drain valve (Spirit)	
e	B076	ball valve 1/4F-1/4F; nickel plated brass, butterfly handle	valve with 2 fittings and 2 rings: G6076-C
	S037	fitting 1/4M-3/8M; brass	
	B079	ring 1/4"; copper	
f	B6051	8mm copper tube; drain valve coffee boiler ↔ discharge pipe	
g	B6052	6mm copper tube; group valve ↔ discharge pipe (Spirit)	
h	B6053	10mm copper tube; discharge aerator (Spirit)	
j	B6079	hose 4x8mm; black silicone, 28cm long	
k	B6079	hose 4x8mm; black silicone, 28cm long	
l	B081-T	12mm copper tube; steam boiler ↔ pressure safety valve	as set: B081-TC
	B078	ring 3/8"; copper	
m	B032	pressure safety valve 3/8M-hose pillar; brass	
n	B6070	reinforced hose 8x14.5mm; red silicone; 8.5cm long	
	B6062 W0038	10mm copper tube; safety valve hose ↔ discharge pipe swivel nut 3/8"; brass	
	C-HK-12-22	hose clamp 12-22mm; s.st.	



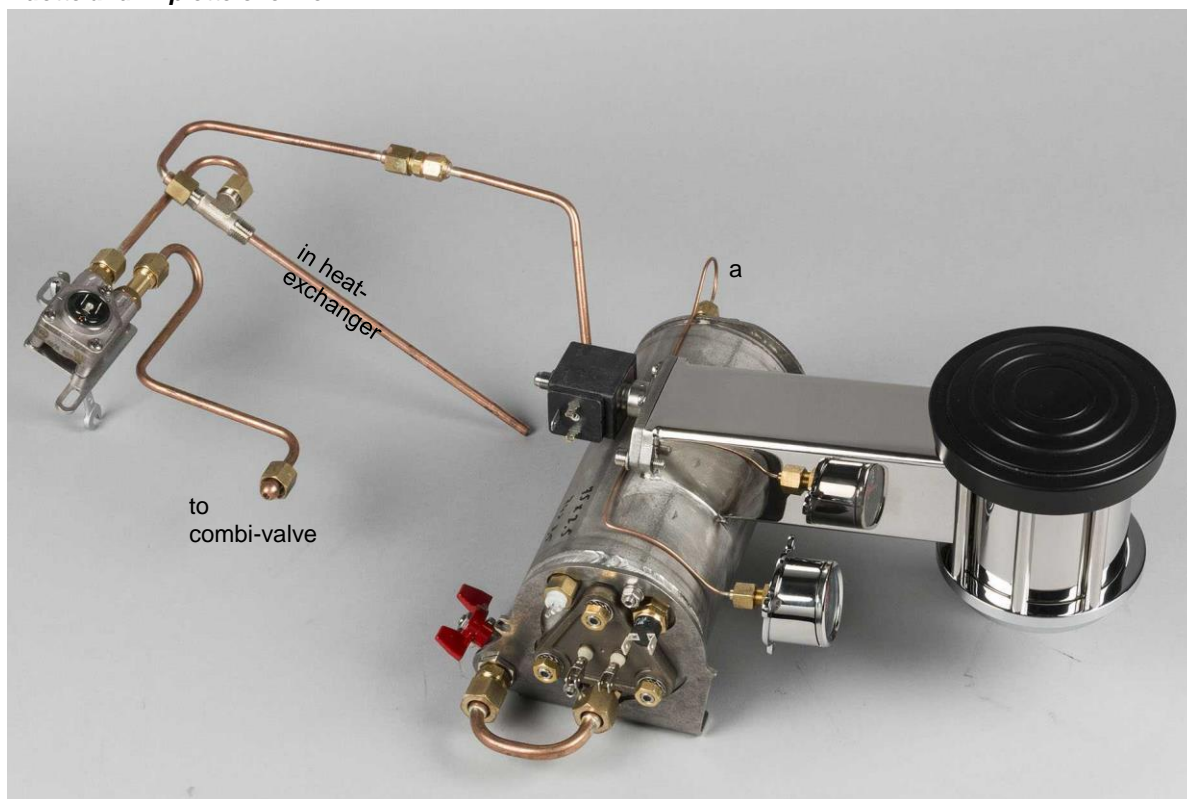
Triplette

	Part number	Short description	remark
a	B6025-T	main discharge pipe with drain valve Spirit Tr; s.st.	incl. item c
b	B6054	10mm copper tube; steam boiler ↔ drain valve (Spirit)	
c	B076	ball valve 1/4F-1/4F; nickel plated brass, butterfly handle	
	S037	fitting 1/4M-3/8M; brass	
	B079	ring 1/4"; copper	a includes 2 rings
d	B6050	8mm copper tube; coffee boiler ↔ drain valve (Spirit)	
e	B076	ball valve 1/4F-1/4F; nickel plated brass, butterfly handle	valve with 2 fittings and 2 rings: G6076-C
	S037	fitting 1/4M-3/8M; brass	
	B079	ring 1/4"; copper	
f	B6051	8mm copper tube; drain valve coffee boiler ↔ discharge pipe	
g	B6052	6mm copper tube; group valve ↔ discharge pipe (Spirit)	
h	B6053	10mm copper tube; discharge aerator (Spirit)	
i	B6023	6mm copper tube; combi valve ↔ discharge hose	
	W0014	swivel nut 1/4"; brass	
j	B6079	hose 4x8mm; black silicone, 28cm long	
k	B6079	hose 4x8mm; black silicone, 28cm long	
l	B081-T	12mm copper tube; steam boiler ↔ pressure safety valve	as set: B081-TC
	B078	ring 3/8"; copper	
m	B032	pressure safety valve 3/8M-hose pillar; brass	
n	B6069	reinforced hose 8x14.5mm; red silicone, 11.5cm long	
	B6062	10mm copper tube; safety valve hose ↔ discharge pipe	
	W0038	swivel nut 3/8"; brass	
	C-HK-12-22	hose clamp 12-22mm; s.st.	



Coffee boiler

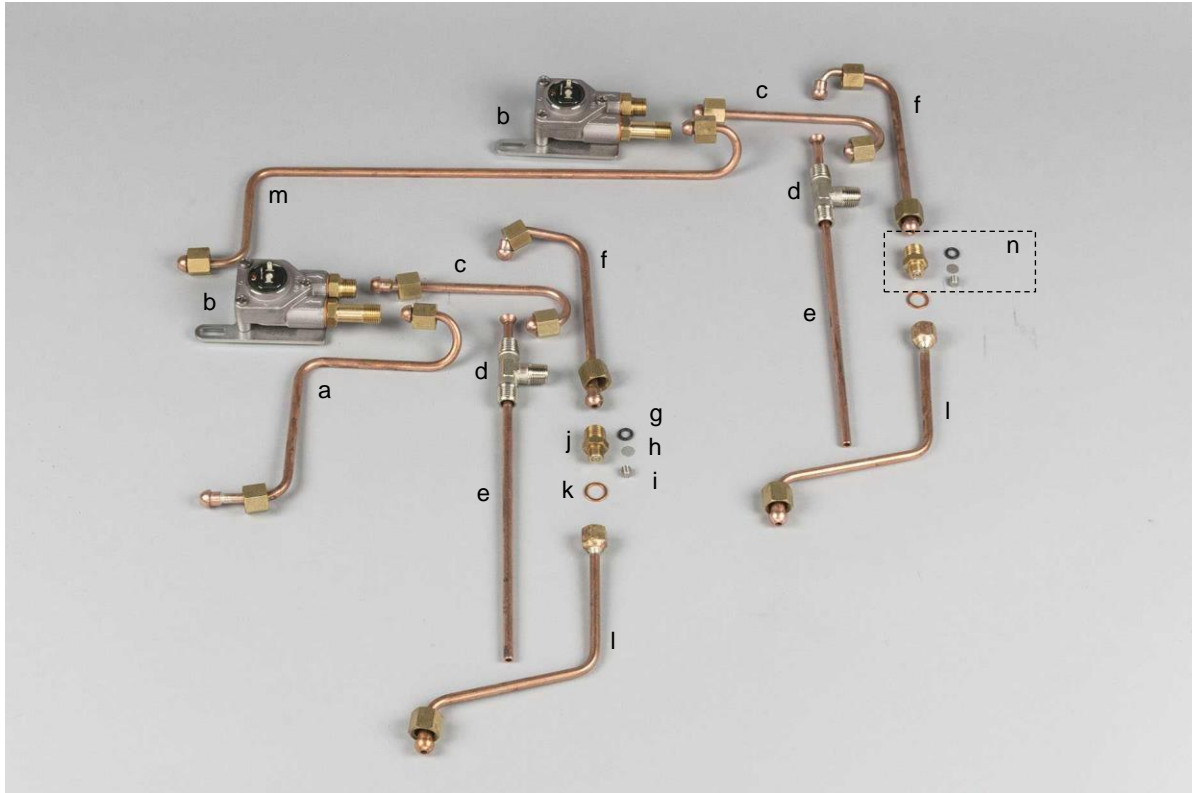
Duette and Triplette overview



	Part number	Short description	remark
a	B1045	2mm copper tube; coffee boiler ↔ pressure gauge	

The coffee-boiler group-valve base plate has changed to incorporate a pressure take-off in the form of a 4mm copper tubing with half-ball and 1/8" fitting nut. The tube above now links onto the pressure take-off with a 1/8M-1/8M fitting instead of onto the coffee boiler.



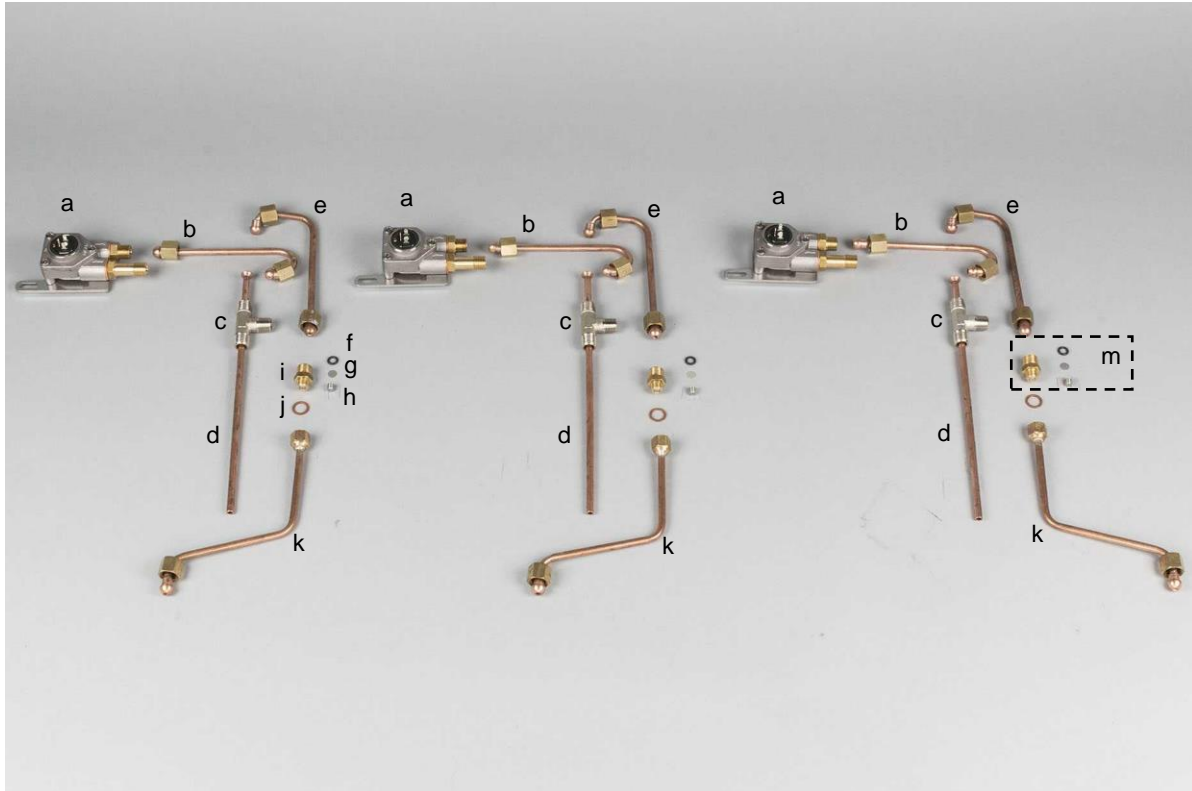
Coffee boiler fill: Duette

	Part number	Short description	remark
a	B6036-L	6mm copper tube; combi valve ↔ flow meter (Spirit Du&Tr-left)	
b		flow meter, complete (fittings, mounting plate)	see page 12
c		6mm copper tube; flow meter ↔ heat exchanger	see page 12
d	B1008	T-fitting 1/4M – 1/4M – 1/4M; nickel plated brass	
e	B6037	6mm copper tube; injection tube in heat exchanger (Spirit)	*
f	B6039-v1*	6mm copper tube; heat exchanger ↔ jet housing (Spirit)	08/2013 – 05/2017
g	G1007-A	O-ring (5.7x1.9mm ?); Viton	
h	B036-B	perforated screen for jet housing; s.st.	
i	B034-05	jet M6x6 orifice 0.5mm; s.st.	
	B034-06	jet M6x6 orifice 0.6mm; s.st.	
	B034-07	jet M6x6 orifice 0.7mm; s.st.	
	B034-08	jet M6x6 orifice 0.8mm; s.st.	
j	B035-B	jet housing 1/8M-1/4M; brass, with M6 inside thread	
k	B082	ring 1/8"; copper	
l	B6040	6mm copper tube; jet housing ↔ coffee boiler (Spirit)	* until 05/2017
m	B6036-DR	6mm copper tube; combi valve ↔ flow meter (Spirit Du-right)	
n	B035-C06	jet in housing assembly; M6x6, orifice 0.6mm	blue marking

*** NOTE!**

When the flat-jet was introduced in October 2016, the in-line jet M6x6 became obsolete. Some machines are produced with flat jet and subsequent empty in-line jet housing. In 2017 the tubing from heat exchanger to coffee boiler becomes a one-piece 6mm copper tube (B6042-LM and B6042-R) that replaces f+j+k+l above.



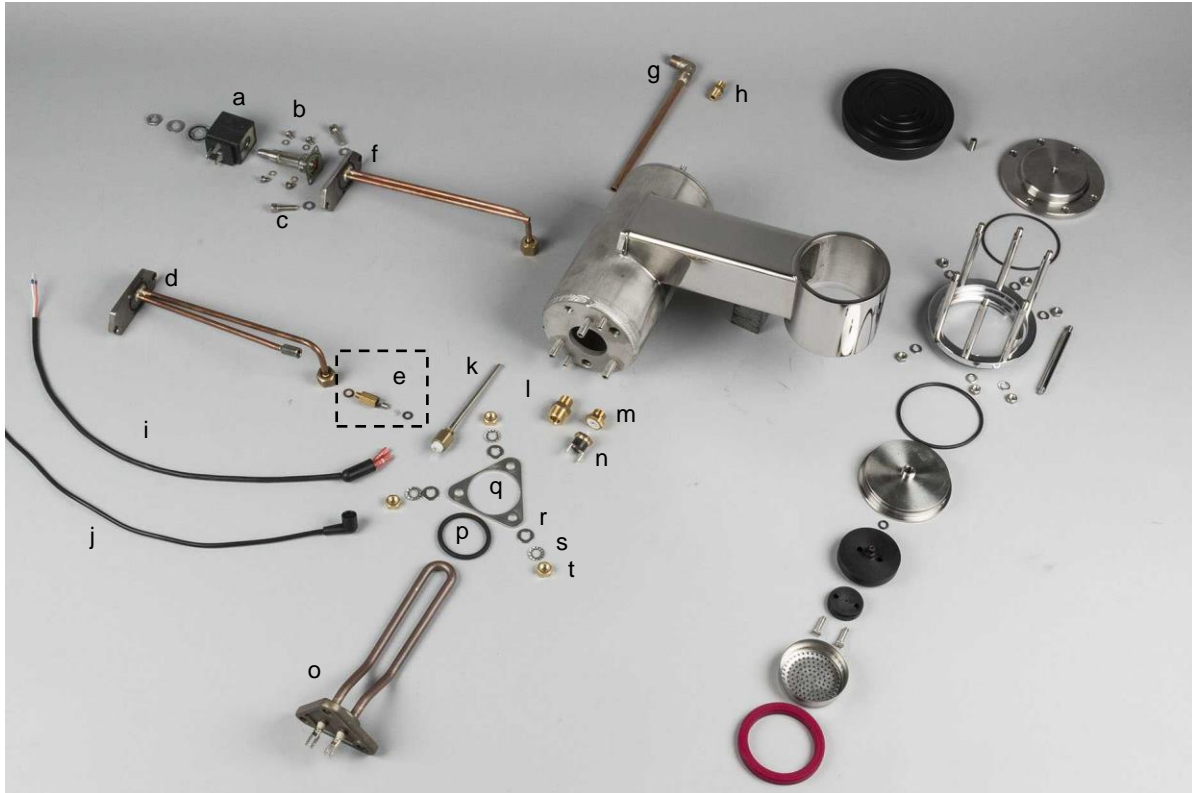
Coffee boiler fill: Triplette

	Part number	Short description	remark
a		flow meter, complete (fittings, mounting plate)	see page 12
b		6mm copper tube; flow meter ↔ heat exchanger	see page 12
c	B1008	T-fitting 1/4M – 1/4M – 1/4M; nickel plated brass	
d	B6037	6mm copper tube; injection tube in heat exchanger (Spirit)	*
e	B6039-v1	6mm copper tube; heat exchanger ↔ jet housing (Spirit)	08/2013 – 05/2017
f	G1007-A	O-ring (5.7x1.9mm ?); Viton	
g	B036-B	perforated screen for jet housing; s.st.	
h	B034-05	jet M6x6 orifice 0.5mm; s.st.	
	B034-06	jet M6x6 orifice 0.6mm; s.st.	
	B034-07	jet M6x6 orifice 0.7mm; s.st.	
	B034-08	jet M6x6 orifice 0.8mm; s.st.	
i	B035-B	jet housing 1/8M-1/4M; brass, with M6 inside thread	
j	B082	ring 1/8"; copper	
k	B6040	6mm copper tube; jet housing ↔ coffee boiler (Spirit)	* until 05/2017
m	B035-C06	jet in housing assembly; M6x6, orifice 0.6mm	blue marking

*** NOTE!**

When the flat-jet was introduced in October 2016, the in-line jet M6x6 became obsolete. Some machines are produced with flat jet and subsequent empty in-line jet housing. In 2017 the tubing from heat exchanger to coffee boiler becomes a one-piece 6mm copper tube (B6042-LM and B6042-R) that replaces e+i+j+k above.

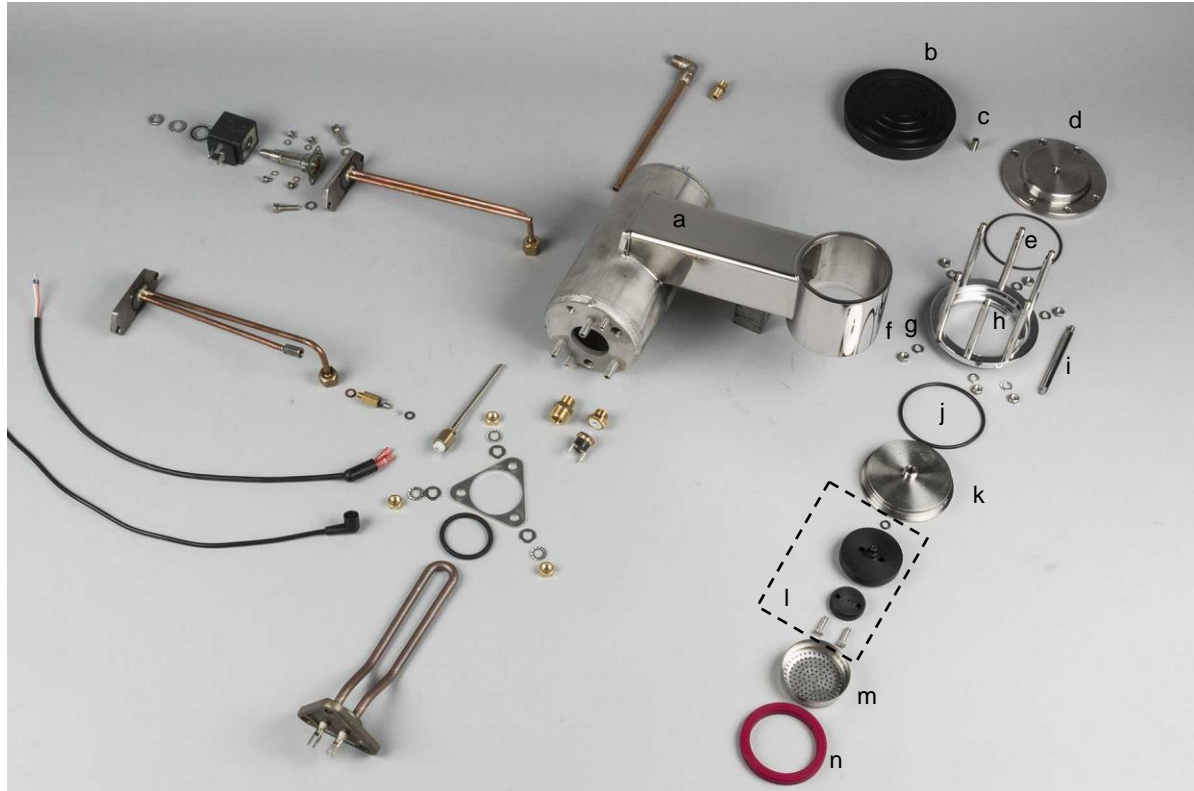


Components INSIDE machine body; Duette and Triplette

	Part number	Short description	remark
a	E1023-230	3-way flange valve, orifice 1.5mm; s.st., with coil 230V 50/60Hz	
b	C-SK-M4x06	Phillips screw din7985 M4x6; s.st.	see below *
	C-RT-M4	lock washer din6798A M4; s.st.	
c	C-BZ-M6x20	Allen bolt din912 M6x20; s.st.	
	C-RS-M6	washer din125A M6; s.st.	
d		group valve mounting plate with tubing	replaced by f
e	VSR-G1030-C	in-group jet housing, complete	no longer used
f	G6042	group valve mounting plate with tubing (no O-ring)	see below *
	B1041-v1	O-ring 25x2.5mm; Viton	
g	SR-B1046-v1	copper injection tubing 8mm with knee fitting 1/4M-1/4M; brass	
h	B1039	fitting 1/8M-1/8M; brass	
i	VMR-E1005-KR	temperature sensor cable; with fastons, no longer available	cap: C-HK-G
j	E1005-KH	temperature sensor cable; 575mm, angular moulded plug	
k	E1004-T	temperature sensor Pt-100 1/8M; 2-wire, 100mm (Tasseron)	
l	S037	fitting 1/4M-3/8M; brass	
m	G1018	fitting 1/4M - M3F; brass	
n	E1018-V	overheat safety switch 107°C M4; automatic re-set	
o		coffee boiler heating element; 900W 230V, faston connectors	see page 35
p	B1010-v2	O-ring 39x4.5mm; Viton	
q	E1070	triangular O-ring spacer for s.st. boiler, 3mm thick; s.st.	
r	C-RS-M8	washer din125A M8; s.st.	
s	C-RO-M8	lock washer din6797J M8; s.st.	
t	G1017	nut M8, 5mm thick; brass	

* The group-valve mounting plate with tubing has been changed (Oct. 2016) to incorporate a pressure take-off (G6042-v2 screw-type bottom or 6042-v3 adapter-type bottom).



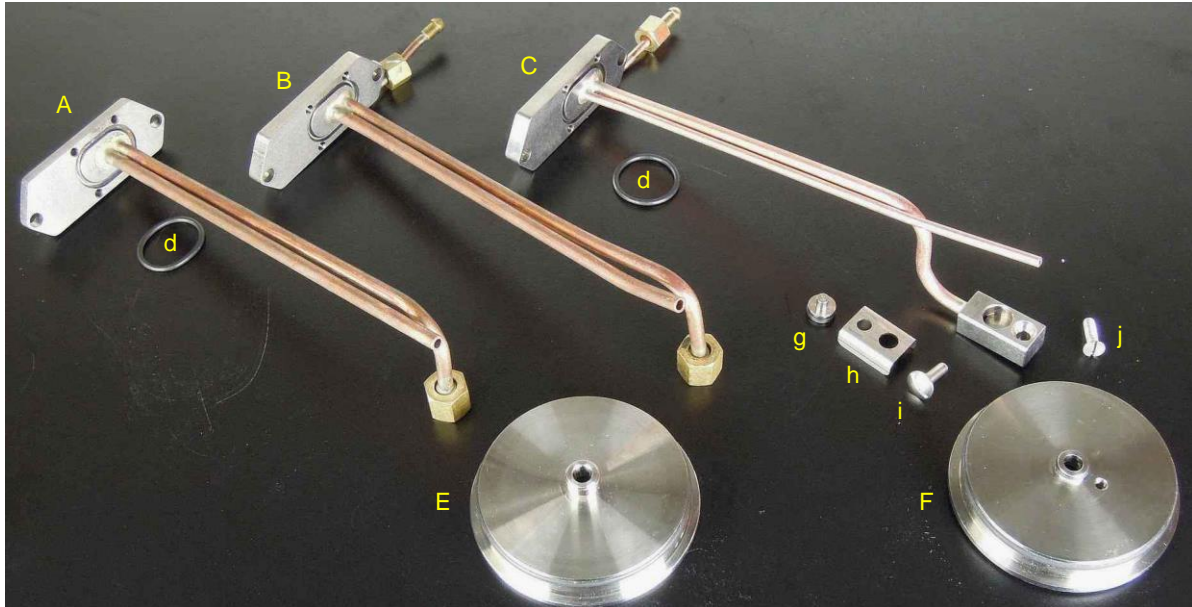
Components OUTSIDE machine body; Duette and Triplette

	Part number	Short description	remark
a	G1001-Bv3	coffee boiler; wide long neck, s.st.	*
b	VSR-G1010	group protective cap; black POM	G1010-B
nip	G1010-B	group protective cap; black Bakelite	*
c	C-SS-M8x16	set screw din916 M8x16; s.st.	
d	G1002-v2	group cover, bulged top; s.st.	
e	G1004-C	O-ring 75x2.5mm; Viton, top of group, standard size	
f	C-MH-M6	nut din934 M6; s.st.	
g	C-RS-M6	washer din125A M6; s.st.	
h	G1006-v2	group bayonet; chromed brass (without rods)	*
i	G1005-v2	group head rod; s.st.	*
j	K01695-00	O-ring 71.44x3.53mm; Viton, bottom of group, standard size	
k	G1003-v2	group base; threads seal version, s.st.	
nip	G1003-v3	group base; O-ring seal version, s.st.	
nip	G1013	O-ring 9.1x1.6mm; Viton	G1003-v3 / adapter
l	G1007-A	O-ring (5.7x1.9mm ?); Viton	POM material no longer available, see G1009-Cv3
	VSR-G1009	dispersion base and plate; black POM	
	C-SC-M5x20	machine screw din963 M5x20; s.st.	
nip	G1009-Cv3	dispersion set; beige PEEK (base, plate, O-ring, screws)	
m	G013	group screen with KvdW logo; s.st.	
n	G014-80A	group ring (if bayonet wears out, use thicker group-ring) colour may vary. 8.0mm is standard-size.	8.0mm
	G014-85A		8.5mm
	G014-90A		9.0mm

* RAW version available, contact us.

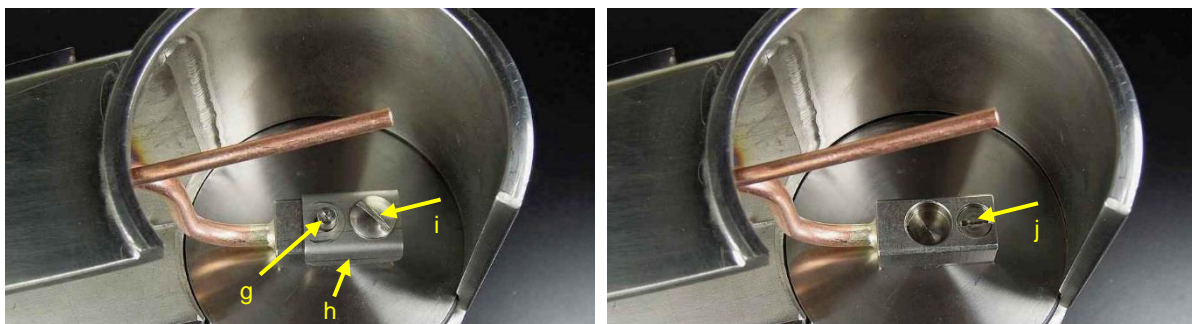


Group valve mounting plate evolution



Evolution of group mounting plate: A and B fit only onto a screw-type group bottom (item E), C fits only on the adapter-type group bottom (item F). B and C have a 55mm take-off to connect the pressure gauge onto. On B and C the pressure gauge will show the actual pressure onto the coffee bed. The adapter on C is screwed down to the group bottom with machine screw (item g) when an Idro matic unit is placed into the group.

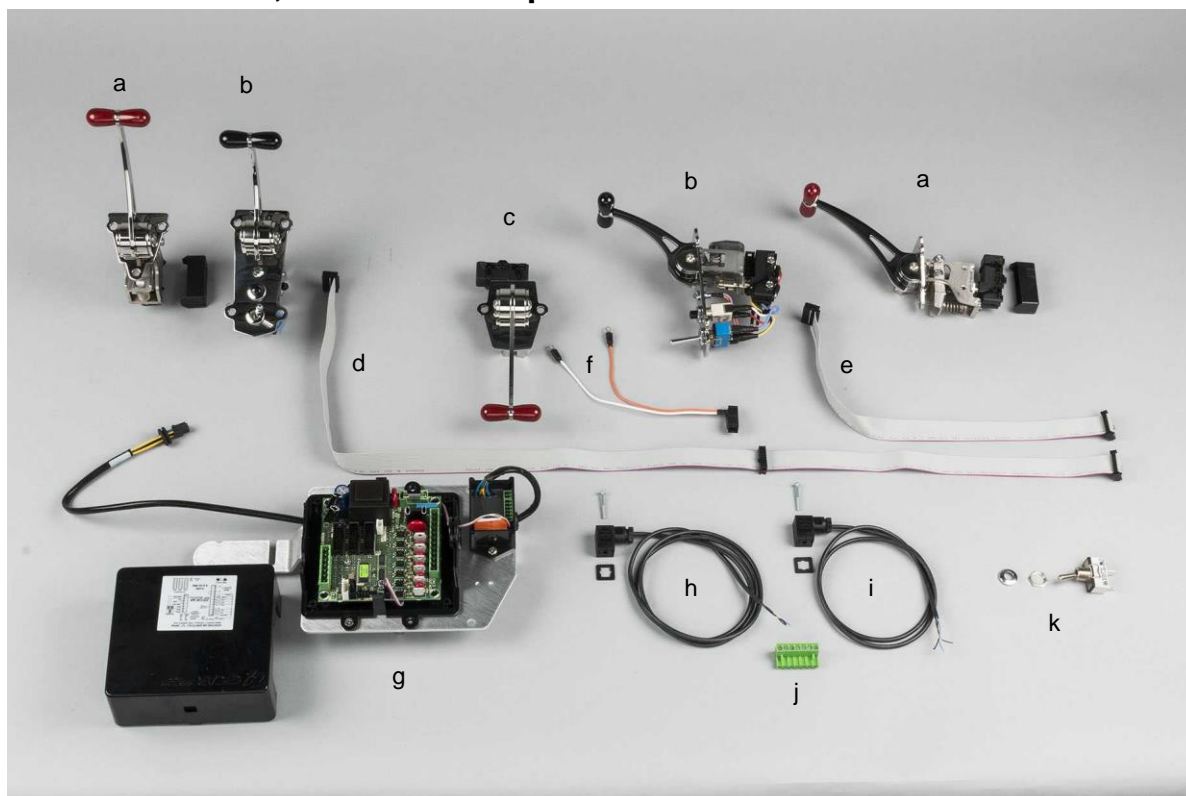
	Part number	Short description	remark
A	ZR-G6042	group valve mounting plate with tubing (no O-ring)	
B	ZSR-G6042-v2	group valve mounting plate with short PPIC tube (compression seal)	
C	G6042-v3	Group valve base with two tubes in group + 55mm line + adapter	
d	B1041-v1	O-ring 25x2.5mm; Viton	
E	ZSR-G1003-v2	group base; threads seal version, s.st.	
	K01695-00	O-ring 71.44x3.53mm; Viton, bottom of group, standard size	
F	G1003-v3	group base; O-ring seal version, s.st.	note threads on inside of group base
	G1004-P	O-ring 71.44x3.53mm; Viton, bottom of group	
	G1013	O-ring 9.1x1.6mm; Viton	
g	G6302-P	plug for adapter group line; s.st.	plug is used when no Idro-matic is placed
	G1013	O-ring 9.1x1.6mm; Viton	
h	G6302-K	lid for adapter group line; s.st.	
i	C-SZ-M5x16	slotted mushroom head screw din9330 M5x16mm; s.st.	
j	C-SC-M5x16	countersunk screw din963 M5x15; s.st.	



Showing preparation for without (left) and with Idro-matic (right)



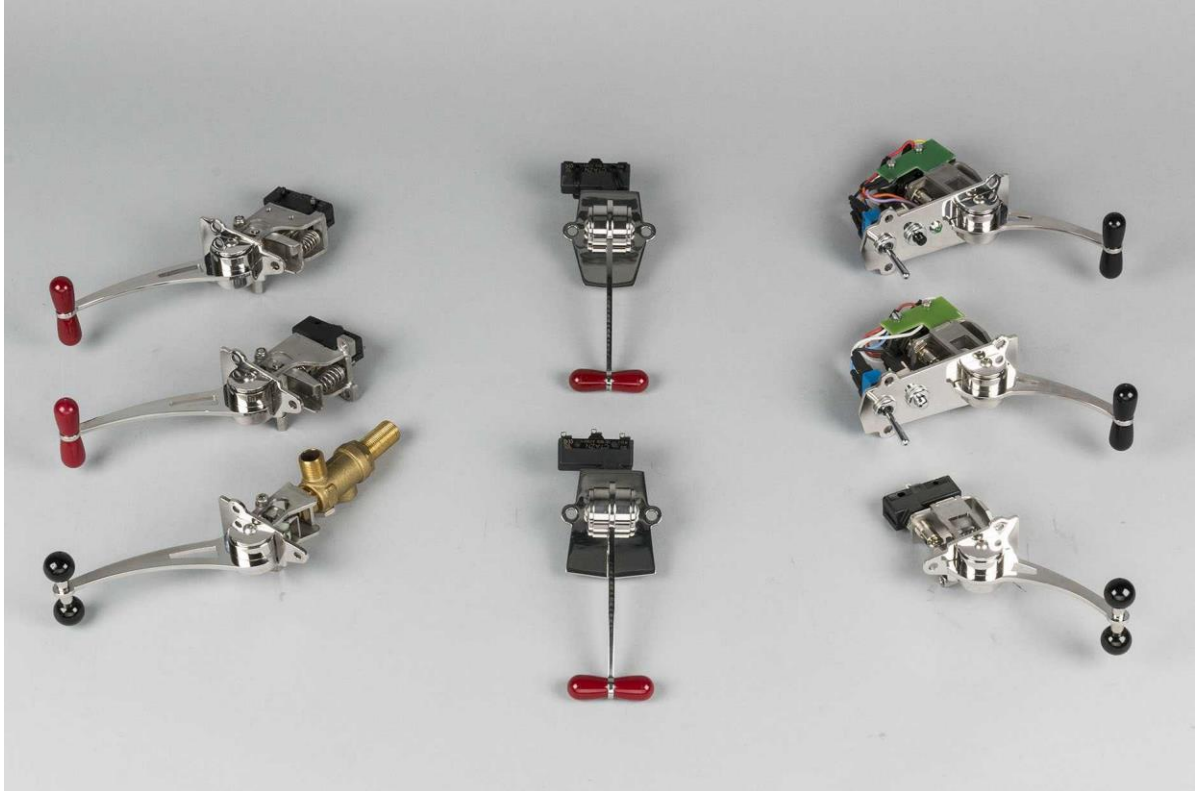
Machine control; Duette and Triplette



	Part number	Short description	remark
a		steam handle (shown is version 3)	see pages 23-25
b		group handle (shown is version 3)	see pages 26-28
c		hot water handle (shown is version 2)	see page 29
d	E6023-DL-v2	flat cable 8x2 910mm with HW-socket (left group Spirit Du)	set for Duette: E6123-D
e	E6022-R	flat cable 8x2 550mm (right group, Spirit & Mirage, Du & Tr)	
f	E6024	hot water cable (plugs into E6023-..L-v2)	
nip	E6023-TL-v2	flat cable 8x2 1200mm with HW-socket (left group Spirit Tr)	set for Triplette: E6123-T
nip	E6023-TM-v2	flat cable 8x2 945mm (center group Spirit Tr)	
e	E6022-R	flat cable 8x2 550mm (right group, Spirit & Mirage, Du & Tr)	
f	E6024	hot water cable (plugs into E6023-..L-v2)	
g	E017-Rv2	in controller Gicar, version 2; programmed for Spirit	
	F6050-v3	controller mounting plate Spirit; aluminium	
	E6081	combi-PCB for shot timers and steam boiler pump control	
nip	E6032-T	flow meter cable 1400mm; (Spirit Tr-left)	with flow-meter plug, seal and screw
h	E032-T	flow meter cable 1150mm; (Mirage Tr-left; Spirit Tr-center, Du-left)	
i	E032-D	flow meter cable 850mm; (Mirage Du-left&right, Tr-center&right; Spirit Du&Tr-right)	
j	E017-7	7-pole plug; green (inside Gicar controller)	
nip	E017-12	12-pole plug; green (inside Gicar controller)	
k	E1041	toggle switch, single pole, ON-OFF; with mounting material	for lightbox logo



Evolution of handle versions in Spirit

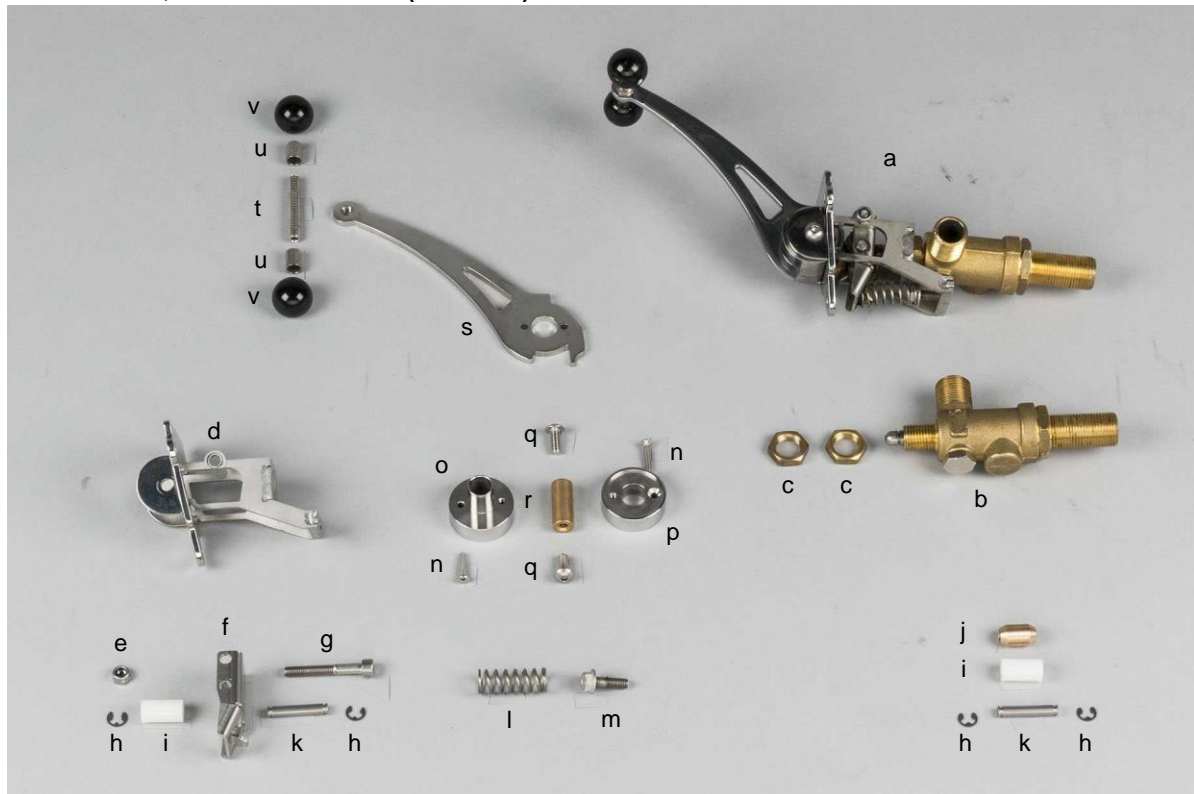


Left: steam handles version 1-2-3. Version 1 (bottom) is the mechanical steam valve. The mounting bracket of version 3 (top) is a bit different than that of version 2 (center).

Center: hot water handles version 1-2. Only the shape of the mounting bracket has changed from trapezoidal (bottom) to hexagonal (top).

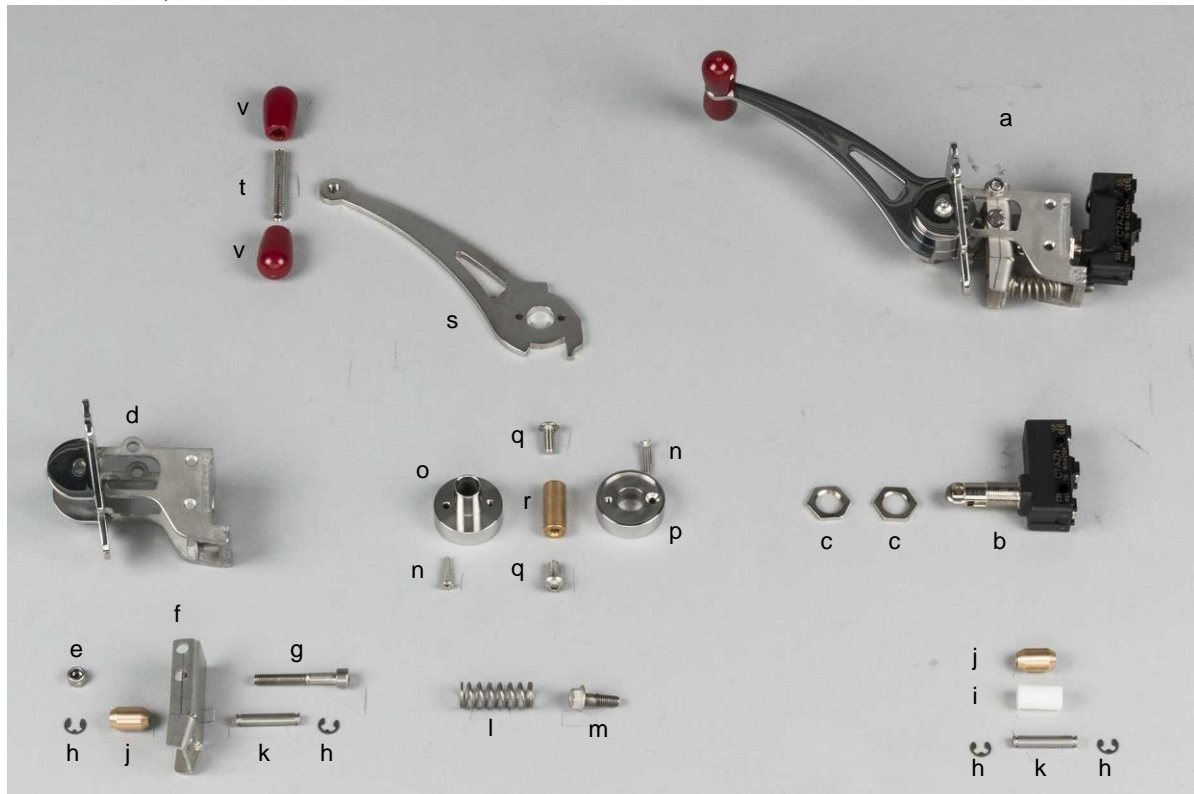
Right: Bastone group handles versions 1-2-3. The earliest version (bottom) functions as a single switch without extra's. Program and volume switch were added (center) to offer better functionality and subsequently an indicator light (top).



Steam handle, mechanical version (# 000-137)

	Part number	Short description	remark
a		mechanical steam handle assembly Spirit	
b	VR-S6020-A	mechanical steam valve Spirit; brass	
c		brass flat nut	included with b
d	XVR-S6003	steam handle bracket Spirit; model 1, polished s.st.	
e	C-MB-M5	lock nut din985 M5; s.st.	
f	XVR-S6004	rocker profile; s.st. (for steam handle bracket XVR-S6003)	
g	C-BZ-M5x35	Allen bolt din912 M5x35; s.st.	
h	C-VA-M4	circlip din6799 M4; s.st.	
i	no longer available	bushing for rocker profile; Teflon	replaced by S6106
j	S6106	bushing 10x18mm, ID5mm; bronze (for rocker profile)	
k	S6007	axle Ø 6mm; s.st. (for bushing S6106)	
l	S6051	spring; s.st. (appr. 1x9x31mm)	
m	F1123	adjusting screw M5 for spring; s.st., length 20mm	
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	XVR-S6002	steam valve handle Spirit; polished s.st.	
t	C-SS-M6x50	set screw din916 M6x50; s.st.	
u	ZSR-F1080-G	knob-spacer; polished s.st.	
v	ZSR-F1080-HZ	handle knob; black plastic, ball shaped	



Steam handle, electrical version

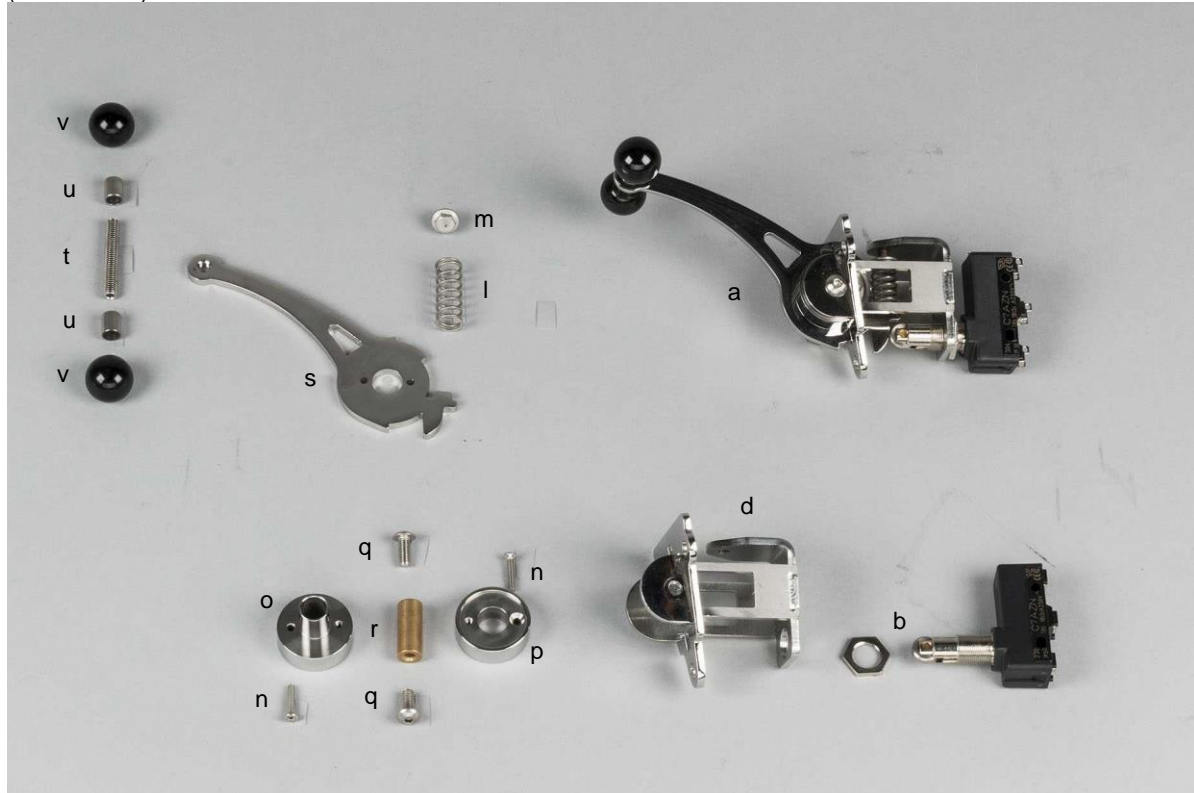
	Part number	Short description	remark
a	S6109-C	electric steam handle assembly Spirit	* S6109-RC
b	E6060	wheeled plunger switch; with flat nuts	
c		flat nut, part of E6060	
d	S6103	steam handle bracket Spirit; model 3, polished s.st.	retrofit model 2
e	C-MB-M5	lock nut din985 M5; s.st.	
f	S6104	rocker profile; s.st. (for steam handle bracket)	
g	C-BZ-M5x35	Allen bolt din912 M5x35; s.st.	
h	C-VA-M4	circlip din6799 M4; s.st.	
i	no longer available	bushing for rocker profile; Teflon	replaced by S6106
j	S6106	bushing 10x18mm, ID5mm; bronze (for rocker profile)	
k	S6007	axle Ø 6mm; s.st. (for bushing S6106)	
l	S6051	spring; s.st. (appr. 1x9x31mm)	
m	F1123	adjusting screw M5 for spring; s.st., length 20mm	
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	S6102	steam valve handle; polished s.st.	
t	C-SS-M6x35	set screw din916 M6x35; s.st.	
v	F1081-HR	handle knob; red plastic, rugby-ball shaped	

* RAW version of part



Bastone group handle, version 1

(no switches)

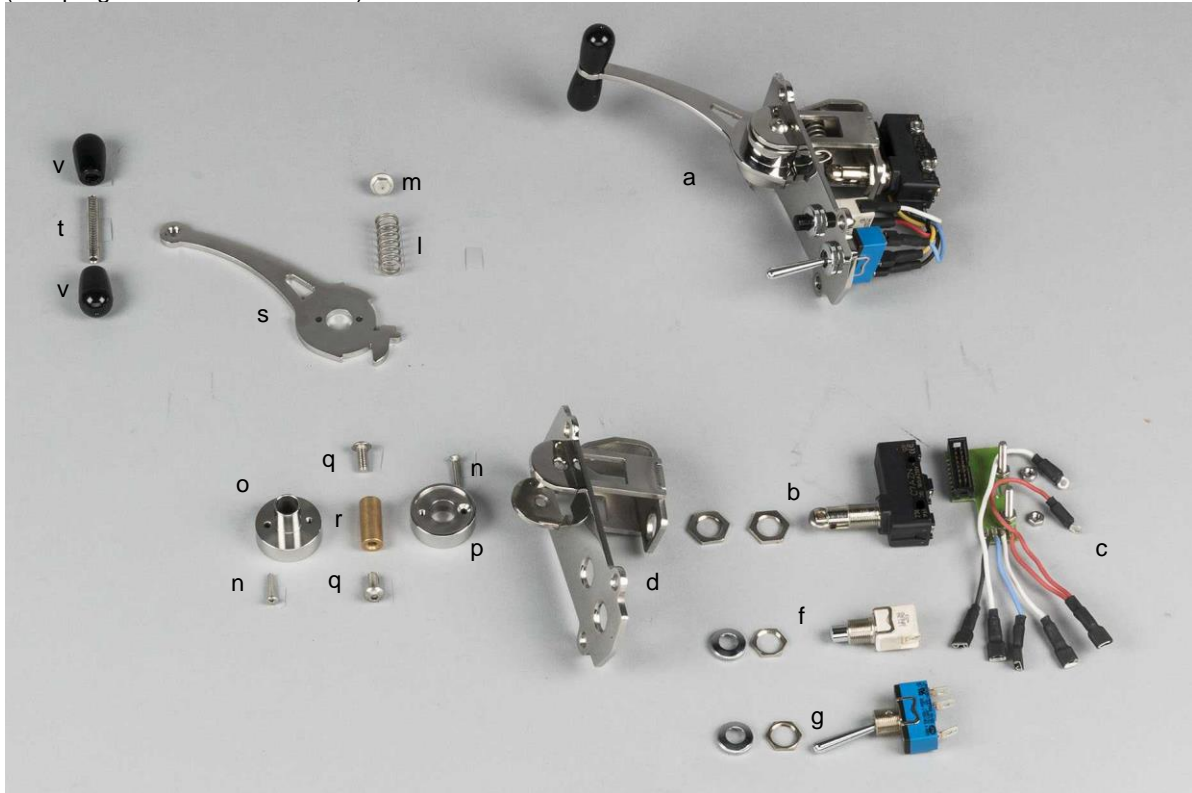


	Part number	Short description	remark
a	G6020	Bastone group handle assembly Spirit; version 1	without t, u, v
b	E6060	wheeled plunger switch; with flat nuts	
d		group handle bracket Spirit; model 1, polished s.st.	
l	S6051	spring; s.st. (appr. 1x9x31mm)	
m	F6123	adjusting screw M5 for spring; s.st., length 12mm	
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	G6021	group handle Spirit Bastone; polished s.st.	
t	C-SS-M6x50	set screw din916 M6x50; s.st.	
u	ZSR-F1080-G	knob-spacer; polished s.st.	
v	ZSR-F1080-HZ	handle knob; black plastic, ball shaped	



Bastone group handle, version 2

(with program and volume switch)

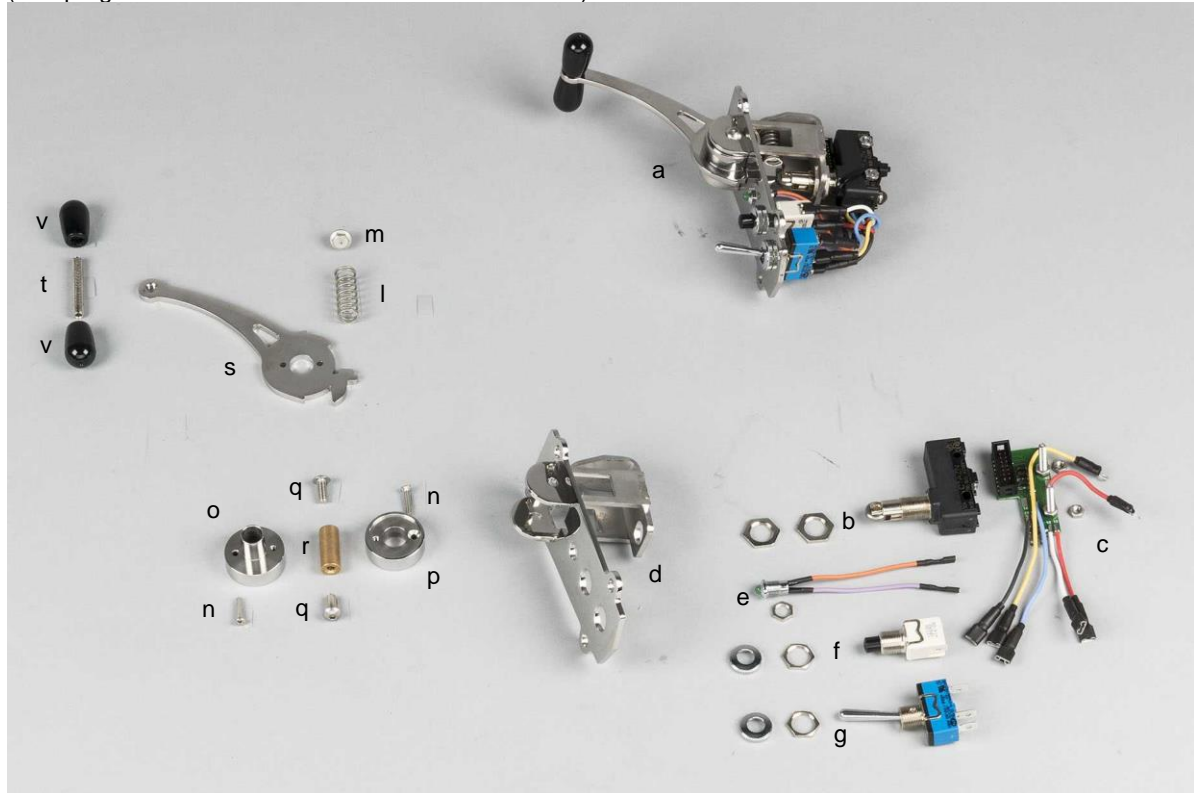


	Part number	Short description	remark
a	VR-G6023-C	Bastone group handle assembly Spirit; version 2	
b	E6060	wheeled plunger switch; with flat nuts	
c		switch ↔ flat cable adapter w. 2 nuts; version 2	see page 28
d		group handle bracket Spirit; model 2, polished s.st.	
f	XMR-E020-C	push button switch w. fixtures; chrome button	replaced by next
nip	E020-ZW	push button switch; black knob, with mounting material	
g	E6062	toggle switch; single pole, ON-ON, with mounting material	
l	S6051	spring; s.st. (appr. 1x9x31mm)	
m	F6123	adjusting screw M5 for spring; s.st., length 12mm	
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	G6021	group handle; polished s.st.	
t	C-SS-M6x35	set screw din916 M6x35; s.st.	
v	F1081-HZ	handle knob; black plastic, rugby-ball shaped	



Bastone group handle, version 3

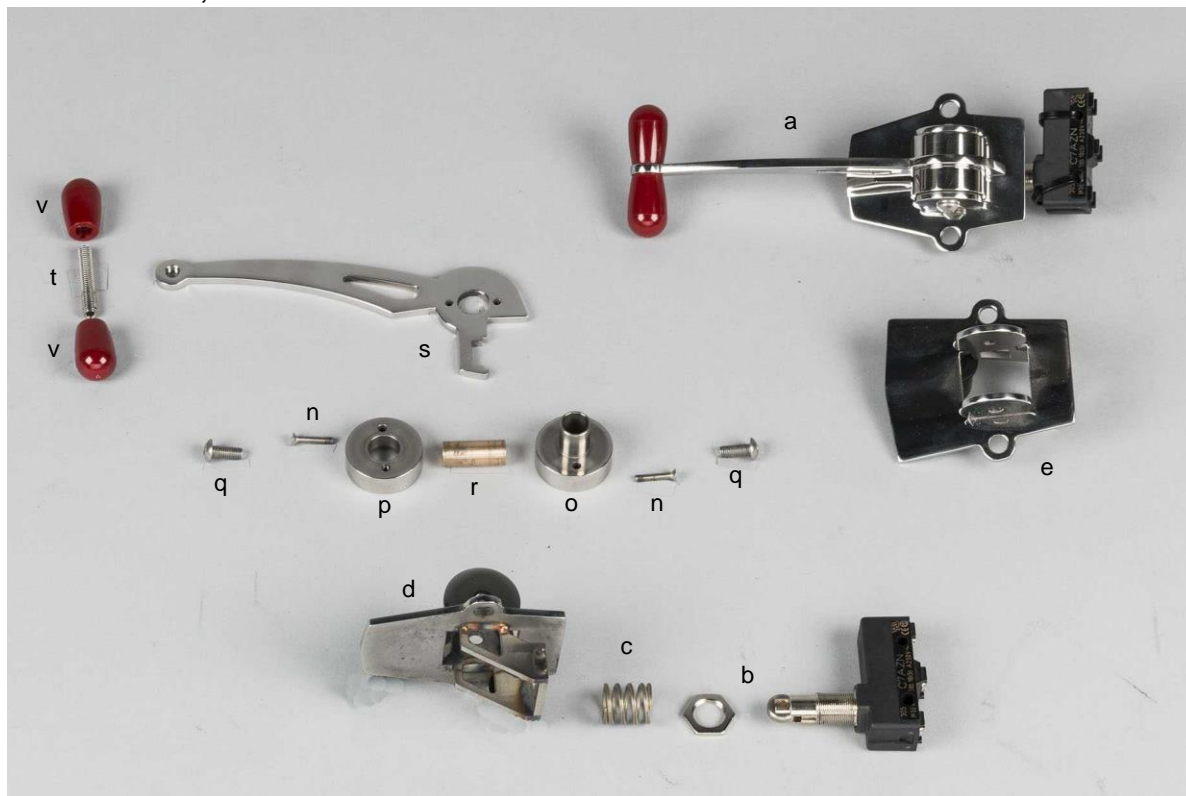
(with program and volume switches and indicator LED)



	Part number	Short description	remark
a	G6023-CL	Bastone group handle assembly Spirit; version 3	* G6023-RCL
b	E6060	wheeled plunger switch; with flat nuts	
c	E6063	universal cassette PCB for group switch	
d	G6022-C	group handle bracket Spirit; model 3, polished s.st.	
e	E6064	indicator light; 8mm, 5Vdc, green LED	
f	E020-ZW	push button switch; black knob, with mounting material	
g	E6062	toggle switch; single pole, ON-ON, with mounting material	
l	S6051	spring; s.st. (appr. 1x9x31mm)	
m	F6123	adjusting screw M5 for spring; s.st., length 12mm	
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	G6021	group handle; polished s.st.	
t	C-SS-M6x35	set screw din916 M6x35; s.st.	
v	F1081-HZ	handle knob; black plastic, rugby-ball shaped	

* RAW version of part



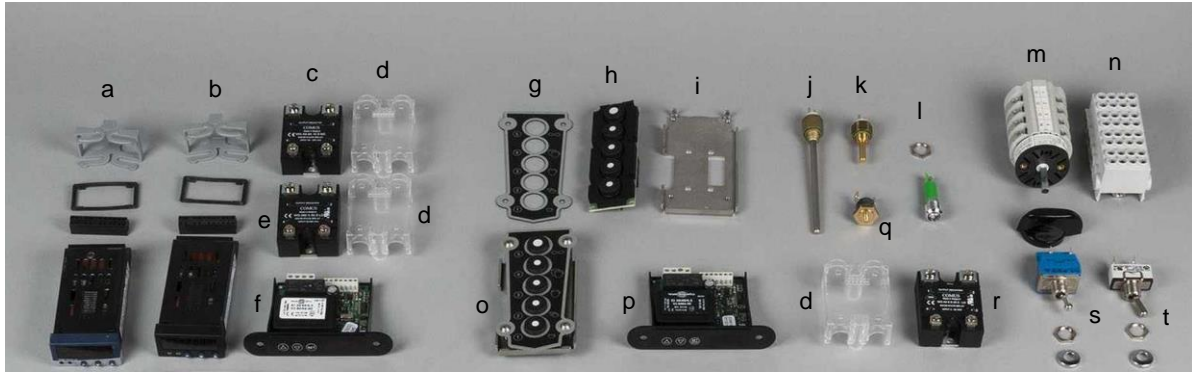
Hot water handle, versions 1 and 2

	Part number	Short description	remark
a	S6013-C	hot water handle assembly Spirit; version 2	* S6013-RC
b	E6060	wheeled plunger switch; with flat nuts	
c	F126	spring; s.st. (appr. 2x12x17mm)	
d	S6010	hot water handle bracket Spirit; version 2, polished s.st.	S6010=set d+ s
e		hot water handle bracket Spirit; version 1, polished s.st.	replaced by d
n	C-SV-M3x16	Phillips machine screw din965 M3x16; s.st.	
o	S6008-L	handle spacer Spirit with protrusion; s.st.	
p	S6008-K	handle spacer Spirit without protrusion; s.st.	
q	C-BI-M5x12	Allen screw iso7380 M5x12; s.st.	
r	S6005	axle for handle spacer S6008-L with M5 threads; bronze	
s	S6011	hot water handle; polished s.st.	
t	C-SS-M6x35	set screw din916 M6x35; s.st.	
v	F1081-HR	handle knob; red plastic, rugby-ball shaped	

* RAW version of part

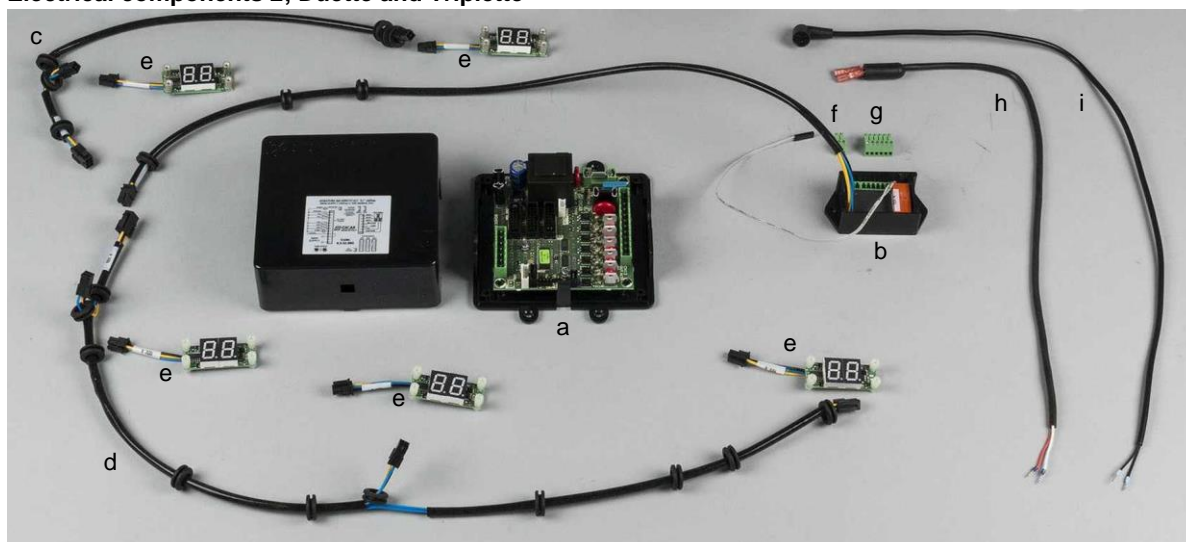
hot water handle version 1 is comparable to version 2 but		
	E039-B	plunger switch (without wheel)
		instead of E6060



Electrical components 1; Duette and Triplette

	Part number	Short description	remark
a	E1003-Di	JUMO Di32 steam boiler temperature controller w. fixtures specify °C or °F, specify 2-lead or 3-lead temperature probe	up to # ...
b	E1003-iT	JUMO iTron coffee boiler temperature controller w. fixtures specify °C or °F, specify 2-lead or 3-lead temperature probe	up to # ...
c	E1010-NC	SSR NC, 90-280Vac control power; without silpad	up to # ...
d	E009	SSR cover; clear plastic	
nip	E008-P	silpad for SSR (heat transfer sticker)	
e	E008-NO	SSR NO; 90-280Vac control power, without silpad	up to # ...
f	no longer available	Störk steam boiler controller; red display	see p
g	F6009-5	touchpad cover (printed)	
h	E6061	touchpad with button-LED's; 5-buttons (Bellini)	
i	F6053-v1	touchpad mounting bracket Spirit; s.st.	
j	E1004-T	temperature sensor Pt-100 1/8M; 2-wire, 100mm (Tasseron)	stainless probe
k	E1005-LV	temperature sensor Pt-100 1/8M; 2-wire, 27mm (Tasseron)	brass probe
l	E6012-G	indicator light; 12mm, 230Vac, green LED	
m	E105	mains switch 4x4pole, 3-position; with knob	
	E6105-P	plastic knob; black, for mains switch	
n	E050	mains power connector block; 4x4 leads 1.5-25mm ²	
o		touchpad; 5-buttons, complete	
p	E1003-ST	temperature controller 220-240Vac; Störk ST25 ECO specify coffee or steam boiler and °C or °F	green digits, used for both coffee and steam
	E1003-SJ	temperature controller 190-210Vac; Störk ST25 ECO specify coffee or steam boiler and °C or °F	
q	E1018-V	overheat safety switch 107°C M4; automatic re-set	
r	E1010-NO	SSR NO; 3-32Vdc control voltage (Comus)	see below d
s	E6040	toggle switch, double pole, ON-OFF; with mounting material	for controller
t	E1041	toggle switch, single pole, ON-OFF; with mounting material	for back-light box



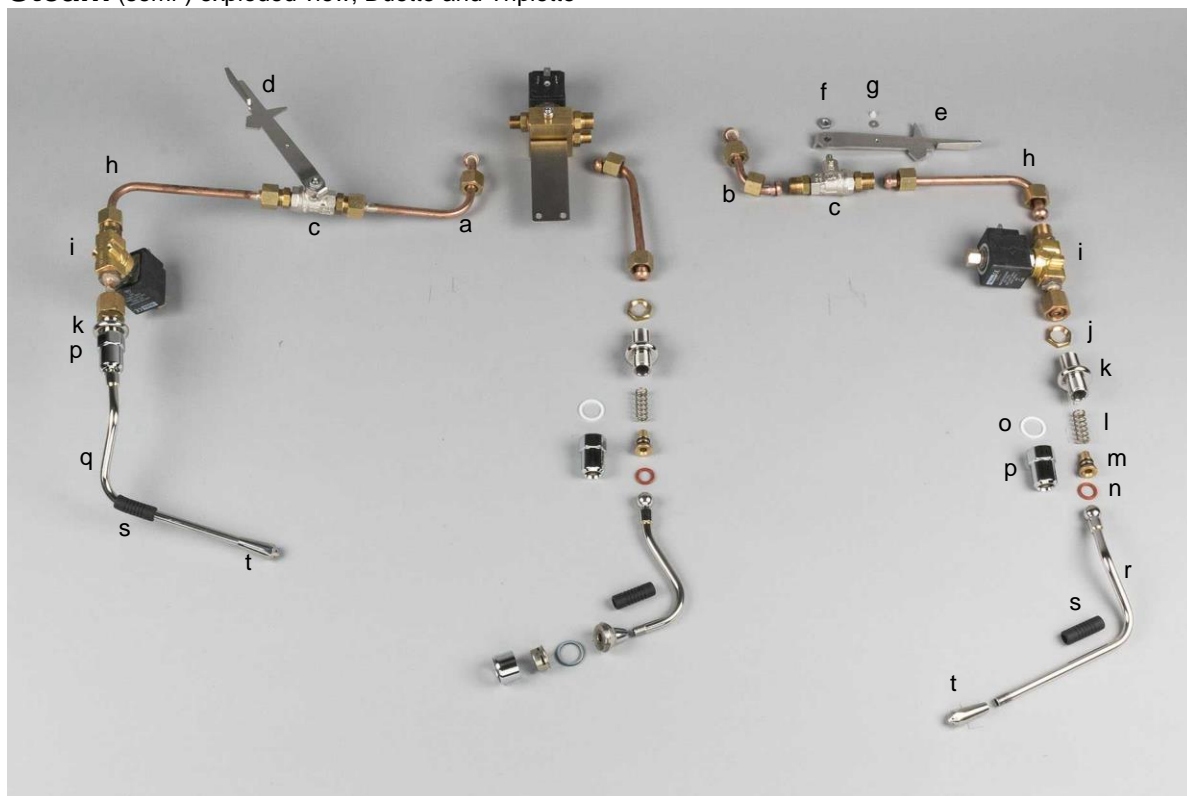
Electrical components 2; Duette and Triplette

	Part number	Short description	remark
a	E017-Rv2	main controller Gicar, version 2; programmed for Spirit	
nip	E017-Rv3	main controller Gicar, version 3; programmed for Spirit	*
b	E6081	combi-PCB for shot timers and steam boiler pump relay	
c	E6084-D	wire harness from combi-PCB to shot timers (Spirit Du & W-b)	
d	E6084-T	wire harness from combi-PCB to shot timers (Spirit Tr)	
e	E6080	shot timer display with 4-pole Molex plug	
f	E6064-2	terminal plug 2-pole; green	
g	E6064-6	terminal plug 6-pole; green	
h	VMR-E1005-KR	temperature sensor cable; with fastons, no longer available	replaced by i
	C-HK-G	heat resistant cap; 9.5 x 25.4mm	
i	E1005-KH	temperature sensor cable; 575mm, angular moulded plug	

* version 3 has the option of setting longer auto-flush intervals, to collaborate with the optional Idro-matic.



Steam (semi-) exploded view; Duette and Triplette

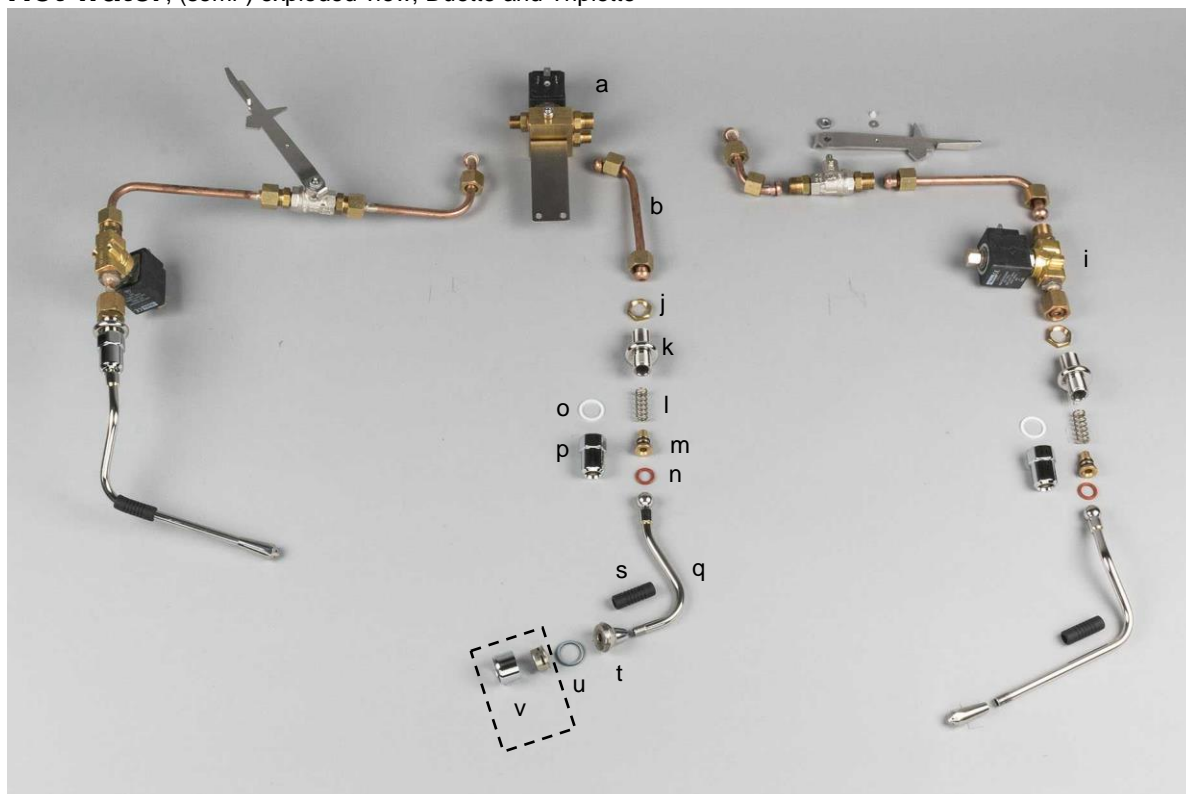


	Part number	Short description	remark
a	B6056-L	8mm copper tube; steam boiler ↔ steam power valve left	
b	B6056-R	8mm copper tube; steam boiler ↔ steam power valve right	
c	B076	ball valve 1/4F-1/4F; nickel plated brass, butterfly handle	valve w. 2 fittings: G6076-C; used here without handle
	S037	fitting 1/4M-3/8M; brass	
d	S6110-L	steam power adjustment lever Spirit, left; s.st.	
e	S6110-R	steam power adjustment lever Spirit, right; s.st.	
f		flat nut, M6 (is part of B076)	
g	S6110-G	screw din85 M3x4; natural nylon	
h	B6063	8mm copper tube, steam power adjustment ↔ steam valve	fits left and right
i	E027-C	steam solenoid valve assembly; 230Vac	see next page for individual parts
j	S009	nut 3/8, 5mm thick; brass, wrench 20mm	
k	S6016	front panel fitting; polished s.st.	* S6016-R
l	S011-SP	spring; s.st. (against trumpet plunger, appr. 1.5x8x30mm)	
m	S012-ST	trumpet plunger; brass, complete with two O-rings	
n	S013	O-ring (appr. 10.5x2.7mm); red silicone	
o	S014-R	ring 3/8"; Teflon (21x16.8x2mm)	
p	S014-B	ball-joint nut 22mm; chromed bronze	* S014-BR
q	S6015-L	steam wand Spirit, left; polished s.st.	* S6015-LR
r	S6015-R	steam wand Spirit, right; polished s.st.	* S6015-RR
s	S031	rubber anti-burn sleeve	
t	S016	steam wand tip 4x1.6mm; s.st.	

* RAW version of part



Hot water, (semi-) exploded view; Duette and Triplette



	Part number	Short description	remark
a	B6003-C	mix-block assembly Spirit	see page 37
b	B6031	8mm copper tube; mix-block ↔ front panel fitting (Spirit)	
j	S009	nut 3/8, 5mm thick; brass, wrench 20mm	
k	S6016	front panel fitting; polished s.st.	* S6016-R
l	S011-SP	spring; s.st. (against trumpet plunger, appr. 1.5x8x30mm)	
m	S012-ST	trumpet plunger; brass, complete with two O-rings	
n	S013	O-ring (appr. 10.5x2.7mm); red silicone	
o	S014-R	ring 3/8"; Teflon (21x16.8x2mm)	
p	S014-B	ball-joint nut 22mm; chromed bronze	* S014-BR
q	S6017-v2	hot water wand Spirit; polished s.st.	* S6017-v2R
s	S031	rubber anti-burn sleeve	
t	S018	hot water wand tip; s.st. (mushroom shape)	
u	S020-R	O-ring (appr. 16.5x2.7mm); EPDM (hot water screen assy)	
v	S020	screen assembly on hot water wand tip; chrome plated brass	* S020-RR

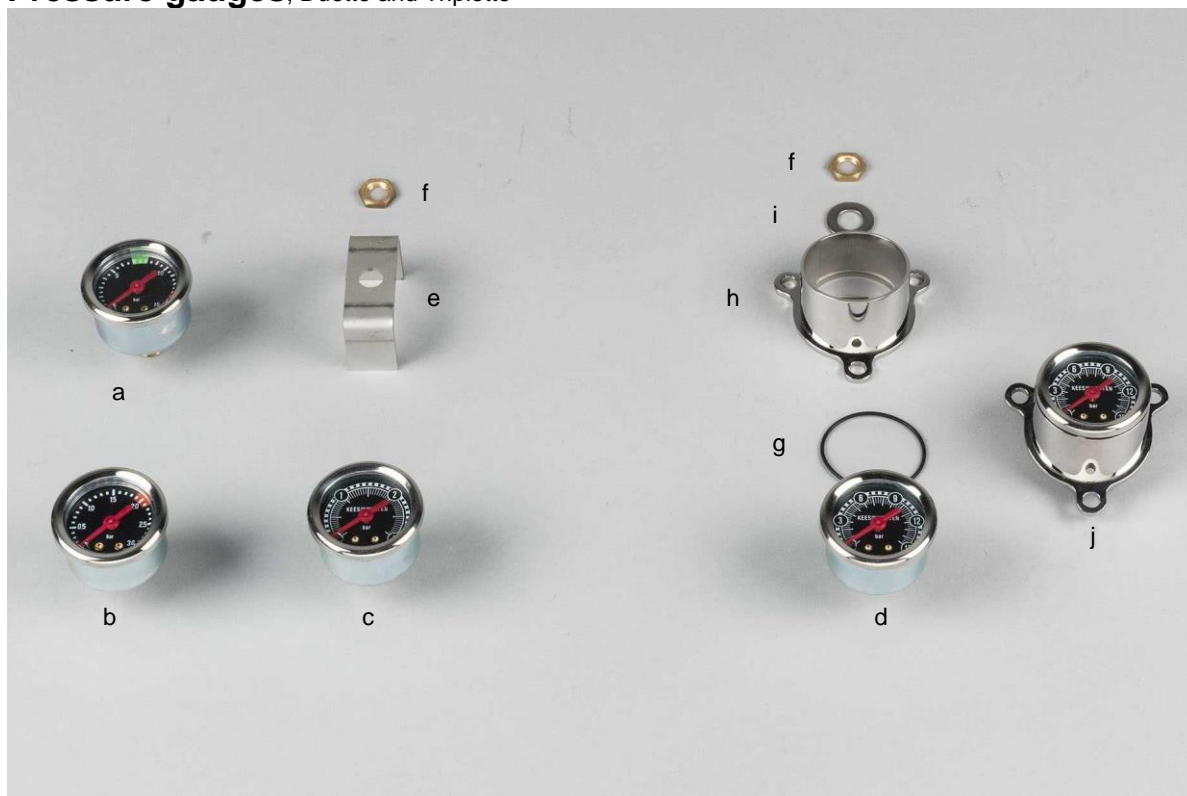
* RAW version of part

Item i individual parts:

i	S037	fitting 1/4M-3/8M; brass	assembly: E027-C
	B079	ring 1/4"; copper	
	E028-K	solenoid valve, 2-way, orifice 6mm; brass	
	E027-S2	coil for solenoid valve E028-K; 220-230Vac, 50/60Hz	
	B058	8mm copper tube; steam valve ↔ front panel fitting	
nip	E6027	3-way valve, orifice 4.5mm; brass, with coil 240V, 50/60Hz	
nip	E027-SJ	coil for solenoid valve E028-K; 200Vac, 50/60Hz	



Pressure gauges; Duette and Triplette



	Part number	Short description	remark
a	out of stock	pressure gauge 15 bar (for coffee boiler)	replaced by d
b	out of stock	pressure gauge 3 bar (for steam boiler)	replaced by c
c	B1031-SK	pressure gauge 3 bar; KvdW marking	until # ..
d	B1031-PK	pressure gauge 15 bar; KvdW marking	
e	F1020-S	mounting bracket for pressure gauge B1031-...; s.st.	until # ..
f	F065	flat nut 1/8"; brass	
g	B6081	O-ring, 37x1.5mm; NBR	
h	F6020	gauge housing Spirit; polished s.st.	* F6020-R
i	C-RS-M8	washer din125A M8; s.st.	
j	F6020-C	pressure gauge 15 bar assembly Spirit	= d+g+h+i+f * F6020-RC

* RAW version of part



Heating elements with fixtures



	Part number	Short description	remark
a	E033-3	3-phase overheat protection switch; manual reset, 155°C	
b	E130-S	temperature probe clamping strip; s.st., 138x4x0.3mm	use instead of heat conducting paste
c		heating element 3x2000W 230Vac; (here with Teflon seal)	see page 36
d	B002	sealing ring 52x40x2mm; Teflon	
e		heating element 3x1600W 230Vac; (here with Teflon seal)	
f	C-RS-M4	washer din125A M4; s.st.	
g	C-MH-M4	nut din934 M4; s.st.	
h		element spiral bridges; alloy (not used in Spirit)	
i	C-RS-M8	washer din125A M8; s.st.	
j	C-RO-M8	lock washer din6797J M8; s.st.	
k	C-BZ-M8x25	Allen bolt din912 M8x25; s.st.	
l	B004	Allen bolt with internal M4 threads, M8x20; s.st.	
m	E016	element cap; brown plastic	
n	C-SK-M4x35	Philips screw din7985 M4x35; s.st.	
o		heating element 900W 230V (for coffee boiler)	see page 36
p	B1010-v2	O-ring 39x4.5mm; Viton	
q	E1070	triangular O-ring spacer for s.st. boiler, 3mm thick; s.st.	
r	G1017	nut M8, 5mm thick; brass	
s	C-HS-ZZ10x14	hose 10x14; black silicone, 35mm long	order length in m



Steam boiler heating element and sealing

During 2015-2016 the steam boilers were equipped with an element that had a custom flange that would seal with only an O-ring 42x4.5mm. These element are marked TRIAS.

When changing from a TRIAS steam boiler heating element to another brand heating element we advise the sealing is done by:

B1011 O-ring **42x4,5mm**; Viton (gasket for heating element) (can be re-used, no re-tightening)
E1071 triangular O-ring spacer for copper boiler **2mm thick**; s.st.



TRIAS element seals with O-ring (B1011)



Backer (left) and Iberital (right) elements seal with O-ring (B1011) and spacer (E1071)

Coffee boiler (and Speedster steam boiler) heating element and sealing

During 2015-2016 the coffee boilers were equipped with an element that had a custom flange that would seal with only an O-ring **42x4.5mm**. These element are marked TRIAS.

When changing from a TRIAS coffee boiler heating element to another brand heating element we advise the sealing is done by:

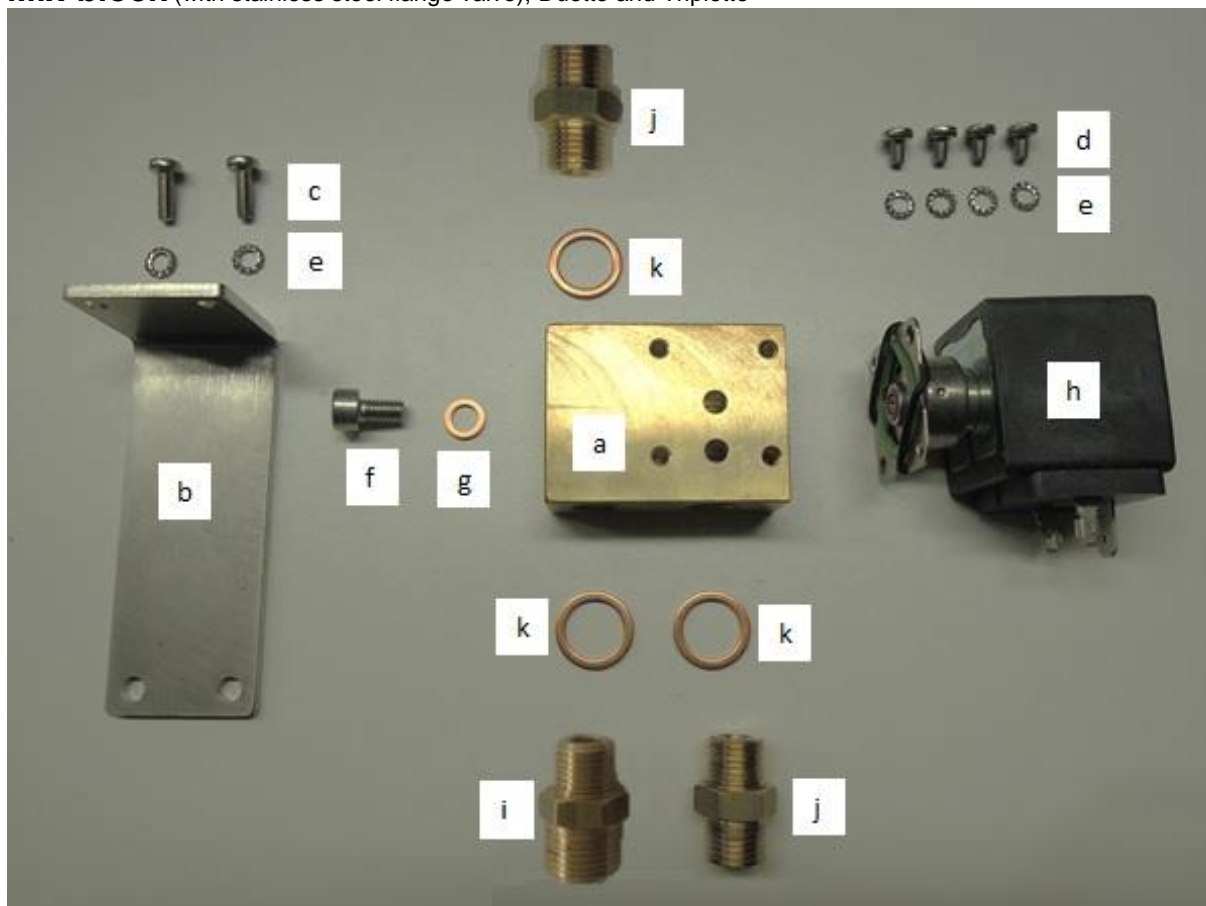
B1010-v2 O-ring **39x4.5mm**; Viton (gasket for heating element) (can be re-used, no re-tightening)
E1070 triangular O-ring spacer for s.st. boiler, **3mm thick**; s.st.

All heating elements

	Part number	Short description	remark
	E1020-v3	heating element 1x900W; 230Vac, faston (Backer)	
	E1021-v3	heating element 2x900W; 230Vac, faston (Backer)	Speedster only
	E1021-16-v3	Heating element 2x900W; 110Vac, faston (Backer)	Speedster only
	E1070	triangular O-ring spacer for s.st. boiler, 3mm thick; s.st.	
	B1010-v2	O-ring 39x4.5mm; Viton (gasket for heating element)	
	E4014	heating element 3x1600W; 230Vac, Backer	
	E4014-J	heating element 3x1600W; 200Vac, Backer	
	E4015	heating element 3x2000W; 230Vac, Backer	
	B1011	O-ring 42x4,5mm; Viton (gasket for heating element)	
	E1071	triangular O-ring spacer for copper boiler, 2mm thick; s.st.	
	E015-Jv2	heating element 3x2000W 200Vac, TRIAS	



Mix-block (with stainless steel flange valve); Duette and Triplette



	Part number	Short description	remark
	B6003-C	mix block assembly Spirit; with bracket	
a	B6003	mix-block Spirit bare; brass	
b	F6016	bracket for mix-block Spirit; s.st.	
c	C-SK-M4x12	Philips screw din7985 M4x12; s.st.	
d	C-SK-M4x06	Philips screw din7985 M4x6; s.st.	
e	C-RT-M4	lock washer din6798A M4; s.st.	
f	C-BZ-M6x10	Allen bolt din912 M6x10; s.st.	
g	G005	ring M6; copper	
h	E6026-23S	2-way flange valve, orifice 2.5mm; s.st., with coil 230V 50/60Hz	minimum 216Vac
i	S037	fitting 1/4M-3/8M; brass	
j	S036	fitting 1/4M-1/4M; brass	
k	B079	ring 1/4"; copper	



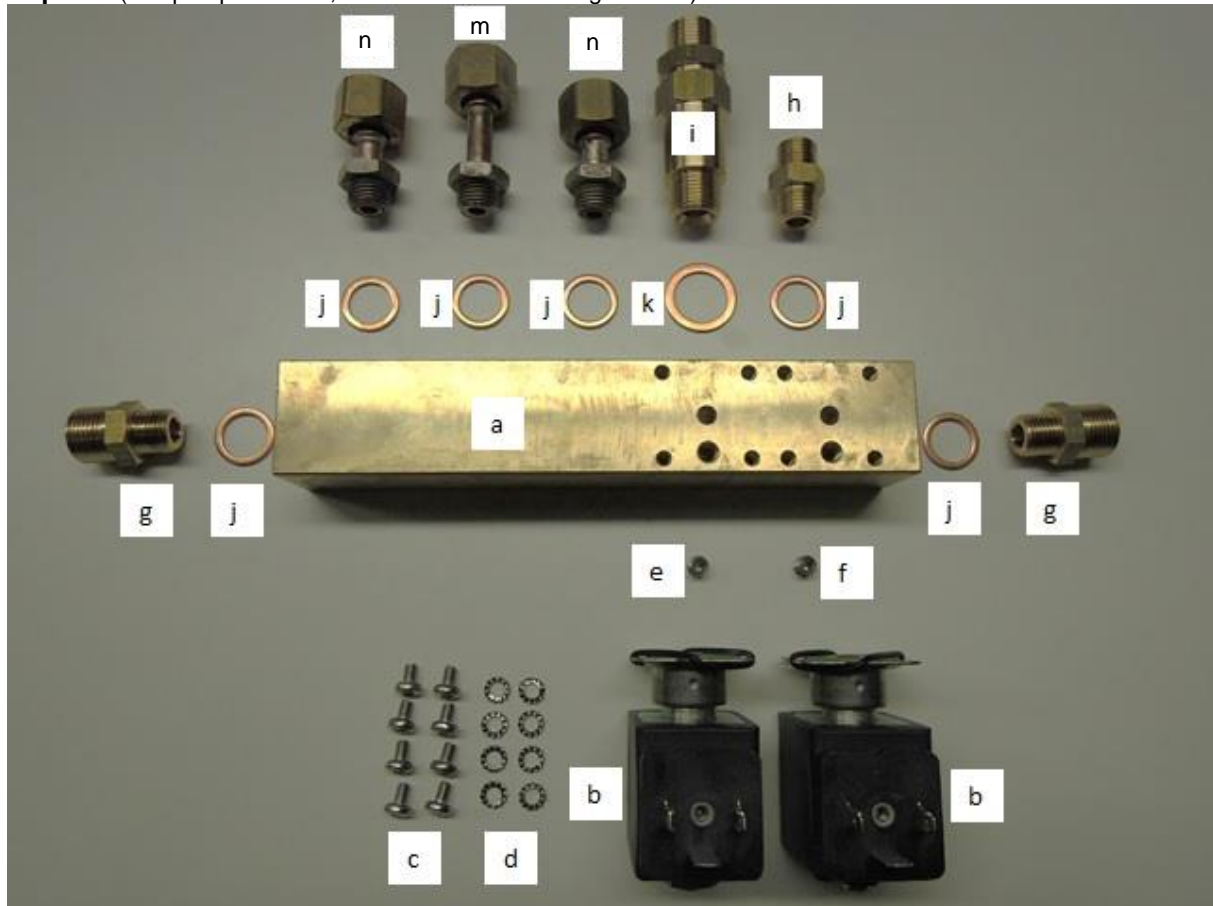
Manifolds

Duette (two-pump machine, with stainless steel flange valves)



	Part number	Short description	remark
	B6004-DC	manifold assembly Spirit Du; 2-pump machine	
	B6004-DCv2	as B6004-DC; with flat-jets instead of jets M6x6	
a	B6004	manifold Spirit bare; brass	
b	E6026-23S	2-way flange valve, orifice 2.5mm; s.st., with coil 230V 50/60Hz	minimum 216Vac
c	C-SK-M4x06	Philips screw din7985 M4x6; s.st.	
d	C-RT-M4	lock washer din6798A M4; s.st.	
e	B034-10	jet M6x6 orifice 1.0mm; s.st.	
f	B034-07	jet M6x6 orifice 0.7mm; s.st.	
	B034-08	jet M6x6 orifice 0.8mm; s.st.	
g	S037	fitting 1/4M-3/8M; brass	
h	S036	fitting 1/4M-1/4M; brass	
i	B029-C	one-way valve 3/8M-3/8M; brass	
j	B079	ring 1/4"; copper	
k	B078	ring 3/8"; copper	
l	B068	plug 1/4"; nickel plated brass	
m	B6024-L	8mm copper tube; manifold ↔ combi-valve (long)	
n	B6024	8mm copper tube; manifold ↔ combi-valve (short)	



Triplette (two-pump machine, with stainless steel flange valves)


	Part number	Short description	remark
	B6004-TC	manifold assembly Spirit Tr; 2-pump machine	
	B6004-TCv2	as B6004-TC; with flat-jets instead of jets M6x6	
a	B6004	manifold Spirit bare; brass	
b	E6026-23S	2-way flange valve, orifice 2.5mm; s.st., with coil 230V 50/60Hz	minimum 216Vac
c	C-SK-M4x06	Philips screw din7985 M4x6; s.st.	
d	C-RT-M4	lock washer din6798A M4; s.st.	
e	B034-10	jet M6x6 orifice 1.0mm; s.st.	
f	B034-07	jet M6x6 orifice 0.7mm; s.st.	
g	S037	fitting 1/4M-3/8M; brass	
h	S036	fitting 1/4M-1/4M; brass	
i	B029-C	one-way valve 3/8M-3/8M; brass	
j	B079	ring 1/4"; copper	
k	B078	ring 3/8"; copper	
m	B6024-L	8mm copper tube; manifold ↔ combi-valve (long)	
n	B6024	8mm copper tube; manifold ↔ combi-valve (short)	



Duette pump per group (with stainless steel flange valves)


	Part number	Short description	remark
	B6114-DC	manifold assembly Spirit Du; pump per group	
	B6114-DCv2	as B6114-DC; with flat-jets instead of jets M6x6	
a	B6104	manifold Spirit pump per group, bare; brass	
b	E6026-23S	2-way flange valve, orifice 2.5mm; s.st., with coil 230V 50/60Hz	minimum 216Vac
c	C-SK-M4x06	Philips screw din7985 M4x6; s.st.	
d	C-RT-M4	lock washer din6798A M4; s.st.	
e	B034-10	jet M6x6 orifice 1.0mm; s.st.	
f	B034-07	jet M6x6 orifice 0.7mm; s.st.	
g	S037	fitting 1/4M-3/8M; brass	
h	S036	fitting 1/4M-1/4M; brass	
i	B029-C	one-way valve 3/8M-3/8M; brass	
j	B079	ring 1/4"; copper	
k	B078	ring 3/8"; copper	
l	B068	plug 1/4"; nickel plated brass	
m	B6024-L	8mm copper tube; manifold ↔ combi-valve (long)	
n	B6024	8mm copper tube; manifold ↔ combi-valve (short)	



Triplette pump per group (with stainless steel flange valves)


	Part number	Short description	remark
	B6114-TC	manifold assembly Spirit Tr; pump per group	
	B6114-TCv2	as B6114-TC; with flat-jets instead of jets M6x6	
a	B6104	manifold Spirit pump per group, bare; brass	
b	E6026-23S	2-way flange valve, orifice 2.5mm; s.st., with coil 230V 50/60Hz	minimum 216Vac
c	C-SK-M4x06	Philips screw din7985 M4x6; s.st.	
d	C-RT-M4	lock washer din6798A M4; s.st.	
e	B034-10	jet M6x6 orifice 1.0mm; s.st.	
f	B034-07	jet M6x6 orifice 0.7mm; s.st.	
g	S037	fitting 1/4M-3/8M; brass	
h	S036	fitting 1/4M-1/4M; brass	
i	B029-C	one-way valve 3/8M-3/8M; brass	
j	B079	ring 1/4"; copper	
k	B078	ring 3/8"; copper	
m	B6024-L	8mm copper tube; manifold ↔ combi-valve (long)	
n	B6024	8mm copper tube; manifold ↔ combi-valve (short)	



Bodywork

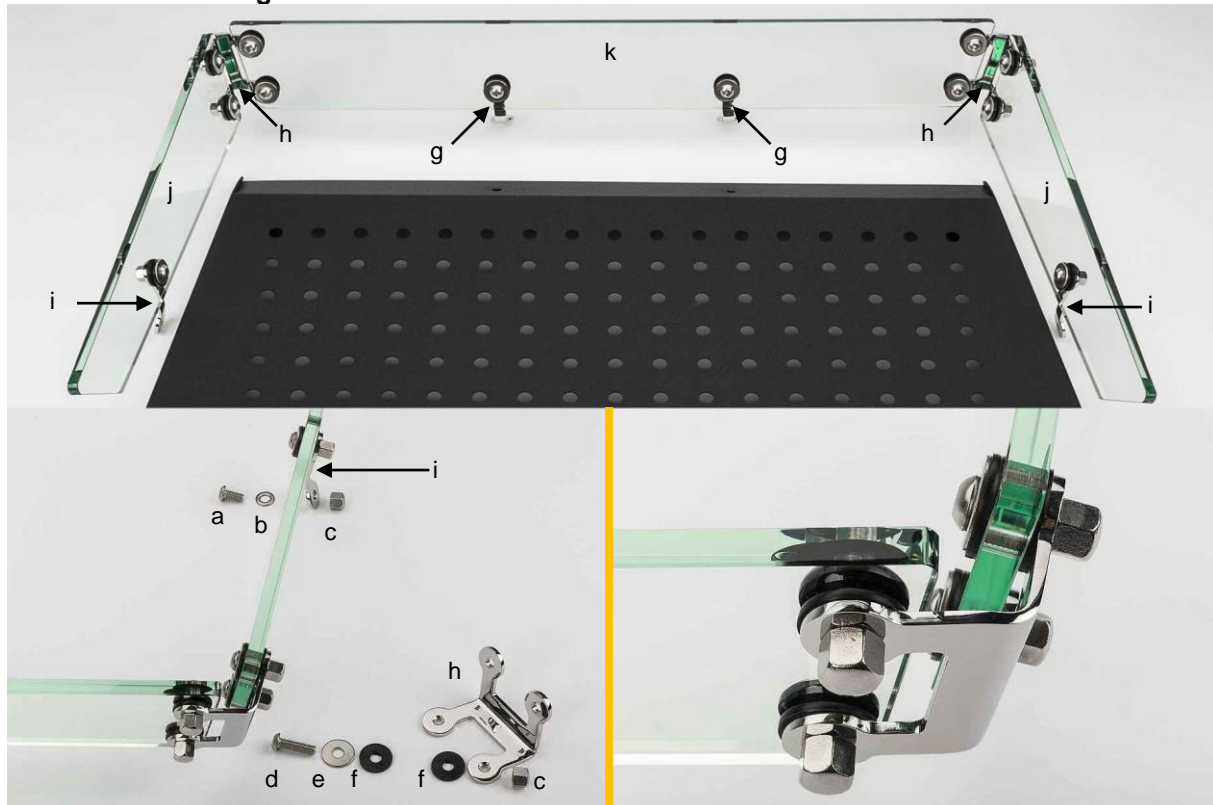
Upper cup tray and glass-look trim



Shown is a Duette cup tray, Triplette is similar but wider

	Part number	Short description	remark
nip	F6010-DS	upper cup tray, Spirit Du with shot timers; s.st.	BA (semi polished)
A	F6310-DZ		crackle-black
nip	F6310-DS		super raw
nip	F6010-TS F6310-TZ F6310-TS	upper cup tray, Spirit Tr with shot timers; s.st.	BA (semi polished) crackle black super raw
	F6010-QLS F6010-QLZ F6010-QLR	upper cup tray, Spirit W-b with shot timers LEFT; s.st.	BA (semi polished) crackle-black super raw
	F6010-QRS F6010-QRZ F6010-QRR	upper cup tray, Spirit W-b with shot timers RIGHT; s.st.	BA (semi polished) crackle-black super raw
A+B	F6013-DC F6313-DZC F6313-DSC	upper cup tray with glass-look, Spirit Du; assembled	BA (semi polished) crackle-black super raw
nip	F6013-TC F6313-TZC F6313-TSC	upper cup tray with glass-look, Spirit Tr; assembled	BA (semi polished) crackle-black super raw
	F6013-QRC F6013-QZC F6013-QSC	upper cup tray with glass-look, Spirit W-b; assembled	BA (semi polished) crackle-black super raw
a	F6080-Z	glass-look side panel Spirit (fits Du & Tr & W-b, fits L & R)	
b	F6080-DA	glass-look back panel Spirit Du	
nip	F6080-TA	glass-look back panel Spirit Tr	
nip	F6080-QA	glass-look back panel Spirit W-b (fits L & R)	
nip	F6080-D	glass-look panel set Spirit Du: 2x F6080-Z, 1x F6080-DA	
	F6080-T	glass-look panel set Spirit Tr: 2x F6080-Z, 1x F6080-TA	



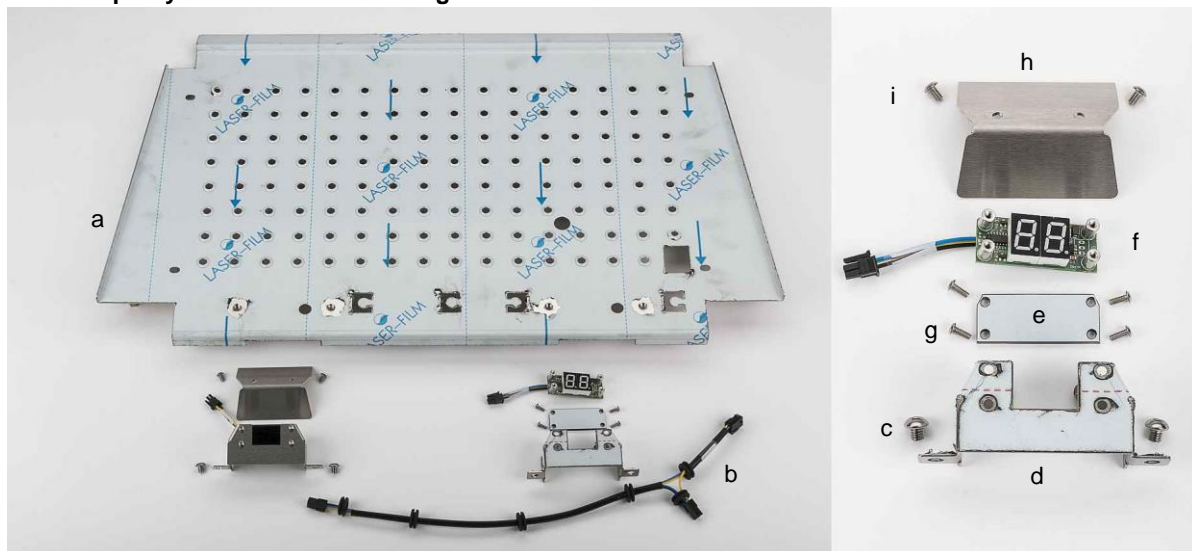
Glass-look mounting material

Shown is a Duette cup tray in crackle black, Triplette is similar but wider

	Part number	Short description	remark	
a	C-BI-M6x12	Allen screw Iso7380 M6x12; s.st.	fix bracket to upper cup tray	fix bracket to glass-look
b	C-RS-M6	washer din125A M6; s.st.		
c	C-MD-M6	cap nut din917 M6; s.st.		
d	C-BI-M6x20	Allen screw Iso7380 M6x20; s.st.		
e	C-RC-M6	fender washer din9021 M6; s.st.		
f	C-RZ-6x18x2	washer 6.4mm ID 18mm OD; black PVC		
g	F6012-A	glass-look bracket back-side; polished s.st.		
h	F6012-H	glass-look bracket corner; polished s.st.		
i	F6012-Z	glass-look bracket left/right; polished s.st.		
nip	F6012-AR	glass-look bracket back-side; raw		
	F6012-HR	glass-look bracket corner; raw		
	F6012-ZR	glass-look bracket left/right; raw		
j	F6080-Z	glass-look side panel Spirit high-fit (fits all Spirit)	standard Du&Tr	
nip	F6080-ZL	glass-look side panel Spirit, low-fit (fits all Spirit)	standard W-b	
k	F6080-DA	glass-look back panel Spirit, high-fit Du	standard Du	
nip	F6080-DLA	glass-look back panel Spirit, low-fit Du		
	F6080-TA	glass-look back panel Spirit, high-fit Tr	standard Tr	
	F6080-TLA	glass-look back panel Spirit, low-fit Tr		
	F6080-QA	glass-look back panel Spirit W-b, low-fit (fits L & R)	standard W-b	



Lower cup tray and shot timer housing



Shown is a Duette cup tray, Triplette is similar but wider

	Part number	Short description	remark
a*	F6011-DS	lower cup tray Spirit Du (& W-b) with shot timers; s.st.	shown with protective foil
nip	F6011-TS	lower cup tray Spirit Tr with shot timers; s.st.	
b	E6084-D	wire harness from combi-PCB to shot timers (Spirit Du & W-b)	
nip	E6084-T	wire harness from combi-PCB to shot timers (Spirit Tr)	
c	C-BI-M6x06	Allen screw Iso7380 M6x6; s.st.	
d	F6120-A	shot timer housing Spirit, base; s.st.	assembly: F6120-C
e	E6080-N	tinted window for timer display	
f	E6080	shot timer display with 4-pole Molex plug	E6080-N is shown with protective foil
g	C-BI-M3x08	Allen screw Iso7380 M3x8; s.st.	
h	F6120-B	shot timer housing Spirit cover; s.st.	
i	C-BI-M4x06	Allen screw Iso7380 M4x6; s.st.	

* Wide-body machines have different parts, contact support@keesvanderwesten.com



Drip tray, grill, milk-can support and mounting materials

	Part number	Short description	remark
a*	F6030-D	drip tray Spirit Du; s.st.	without grill
	F6030-T	drip tray Spirit Tr	
	F6035-QL	drip tray and grill Spirit W-b, left half; s.st.	includes grill
	F6035-QR	drip tray and grill Spirit W-b, right half; s.st.	
b*	F6031-D	drip tray grill Spirit Du; s.st.	
	F6031-T	drip tray grill Spirit Tr; s.st.	
c	F6032-L	drip tray bracket Spirit, left; s.st.	fits Duette and Triplette
d	F6032-R	drip tray bracket Spirit, right; s.st.	
e	F6110-L	cappuccino milk-can support Spirit, left; s.st.	
	F6110-R	cappuccino milk-can support Spirit, right; s.st.	
f	F6090	handgrip din6336 M6 Female; black Bakelite	
g	C-MZ-M6	lock nut din986 M6; s.st., dome cap	
h	C-RC-M6	fender washer din9021 M6; s.st.	
i	C-RN-6x18x2	fender washer 6x18x2mm; natural nylon	
j	F6033	bracket adaptor for Spirit drip tray/milk-can support; s.st.	
k	C-BK-M6x12	flanged Allen screw Iso7380-2 M6x12; s.st.	
l	C-RS-M6	washer din125A M6; s.st.	
m	C-MH-M6	nut din934 M6; s.st.	
	F6112-U	milk-can support Spirit mounting set; fits left and right	set = f+g+2i+j+2l

* Wide-body machine tray and grille cannot be ordered separately



Exterior panels

	Part number	Short description	remark
	F6002-L F6002-LR F6002-LS F6002-LZ	body panel Spirit, left side; Du and Tr	polished raw super raw crackle-black
	F6002-Lv2 F6002-LRv2 F6002-LZv2	body panel Spirit, left side; Du & Tr with steam power dial	polished raw crackle-black
	F6002-R F6002-RR F6002-RS F6002-RZ	body panel Spirit, right side; Du and Tr	polished raw super raw crackle-black
	F6002-Rv2 F6002-RRv2 F6002-RZv2	body panel Spirit, right side; Du & Tr with steam power dial	polished raw crackle-black
	F6003-L	upper finishing strip Spirit, front; s.st. (Du-left, Tr-center)	parts number is for polished version.
	F6003-M	upper finishing strip Spirit, front; s.st. (Tr-left)	
	F6003-R	upper finishing strip Spirit, front; s.st. (Du-right, Tr-right)	
	F6004-D	lower finishing strip Spirit, rear; s.st. (Du)	
	F6004-T	lower finishing strip Spirit, rear; s.st. (Tr)	extensions below denote other finish ..R=raw ..S=super raw ..Z=crackle black
	F6004-Q	lower finishing strip Spirit, rear; s.st. (W-b)	
	F6005-D	upper finishing strip Spirit, rear; s.st. (Du)	
	F6005-T	upper finishing strip Spirit, rear; s.st. (Tr)	
	F6006-D	cover bottom plate Spirit Du; s.st. (top electrics box)	only brushed finish
	F6006-T	cover bottom plate Spirit Tr; s.st. (top electrics box)	
	F6072-L F6072-LU	side panel bracket Spirit, left; s.st.	crackle-black super raw
	F6072-R F6072-RU	side panel bracket Spirit, right; s.st.	crackle-black super raw



Rear light box

	Part number	Short description	remark
	F6025-D..	rear panel with opening for logo-plate Spirit; s.st. (Du)	..M=polished ..Z=crackle-black ..R=brushed
	F6025-T..	rear panel with opening for logo-plate Spirit; s.st. (Tr)	
	F6025-Q F6025-QZ	rear panel with opening for logo-plate Spirit; s.st. (W-b)	raw crackle-black
	E6030-D E6030-T E6030-Q	light box Spirit, bare; s.st.	Duette Triplette Wide-body
	E6031-DC E6031-TC E6031-QC	light box Spirit, with LEDs and transformer	Duette Triplette Wide-body
	E6231-DSC E6231-TSC E6231-QSC	light box Spirit, with LEDs, transformer and Spirit Logo	Duette Triplette Wide-body
	E6231-DKC E6231-TKC E6231-QKC	light box Spirit, with LEDs, transformer and custom Logo	Duette Triplette Wide-body
	F6083-DW F6083-TW F6083-QW	frosted panel for light box Spirit	Duette Triplette Wide-body
	F6082-DS F6082-TS F6082-QS	panel with Spirit logo for light box	Duette Triplette Wide-body
	F6082-DK F6082-TK F6082-QK	panel with custom logo for light box	Duette Triplette Wide-body
	F6125-DZ	full rear panel for lightbox Spirit Du (instead of lighted logo)	crackle-black
	F6125-TZ	full rear panel for lightbox Spirit Tr (instead of lighted logo)	crackle-black
	E6054	transformer; 100-240Vac → 12Vdc 1.67A	
	C-BI-M5x06	Allen screw Iso7380 M5x6; s.st.	
	C-BI-M5x16	Allen screw Iso7380 M5x16; s.st.	



Miscellaneous

	Part number	Short description	remark
	F6022	vibration damper, one-sided threads M10x23	used as feet
	F6022-B	vibration damper, dual-sided threads M10x23 and M10x28	
	F6023 F6023-R	acorn nut for Spirit feet, s.st.	polished raw

Pump, portafilter, etc.

For parts that can be found on all our machines:

1. Pump, pump motors, water and discharge hoses:
www.keesvanderwesten.com/downloads/pumpsandhoses.pdf
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