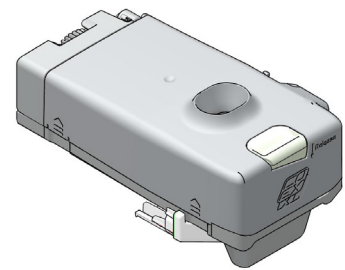


Lua

Spare Parts Manual Coffee Machine Lua 18000 series

9XNAS with CoEx XL Brewer



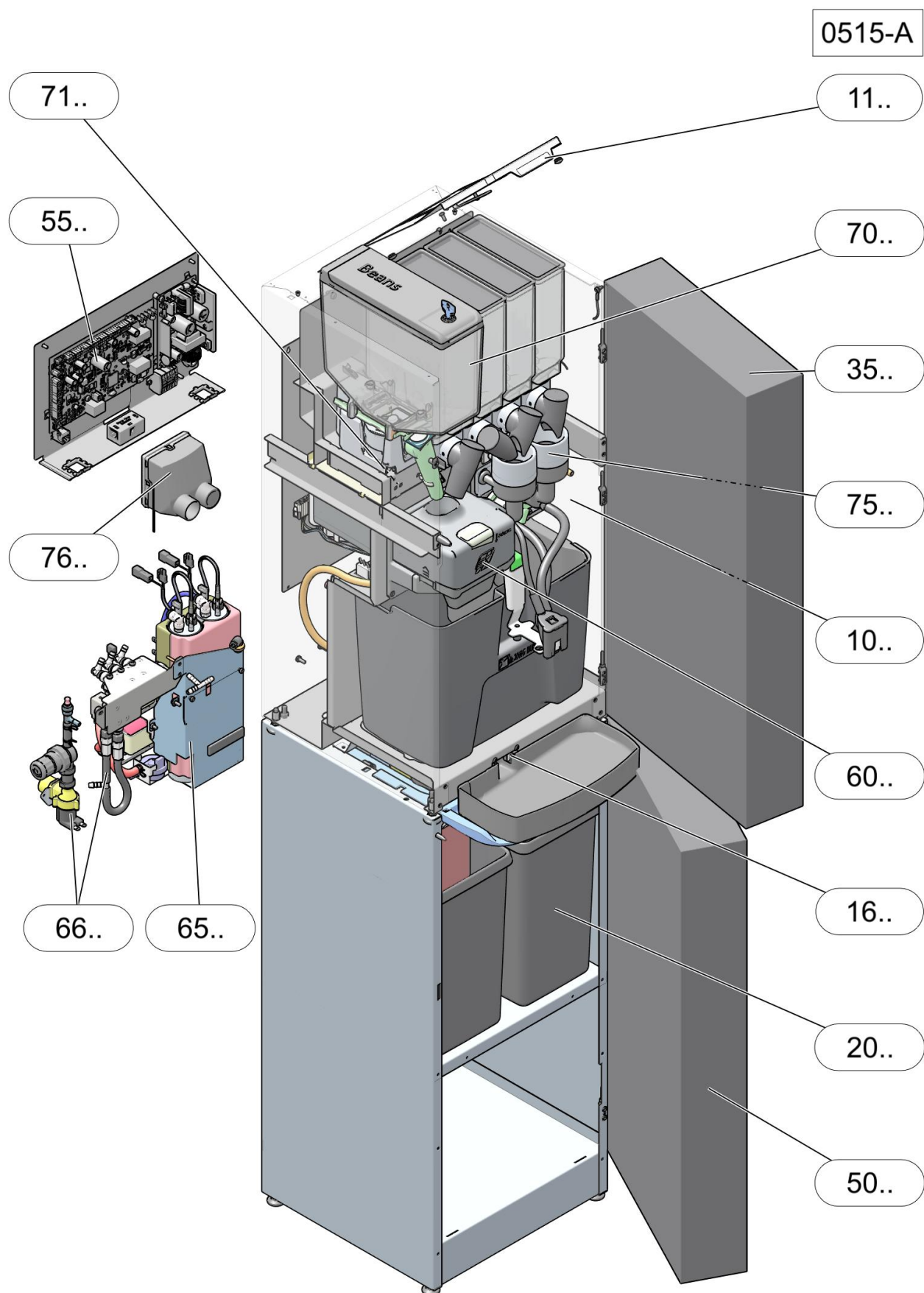
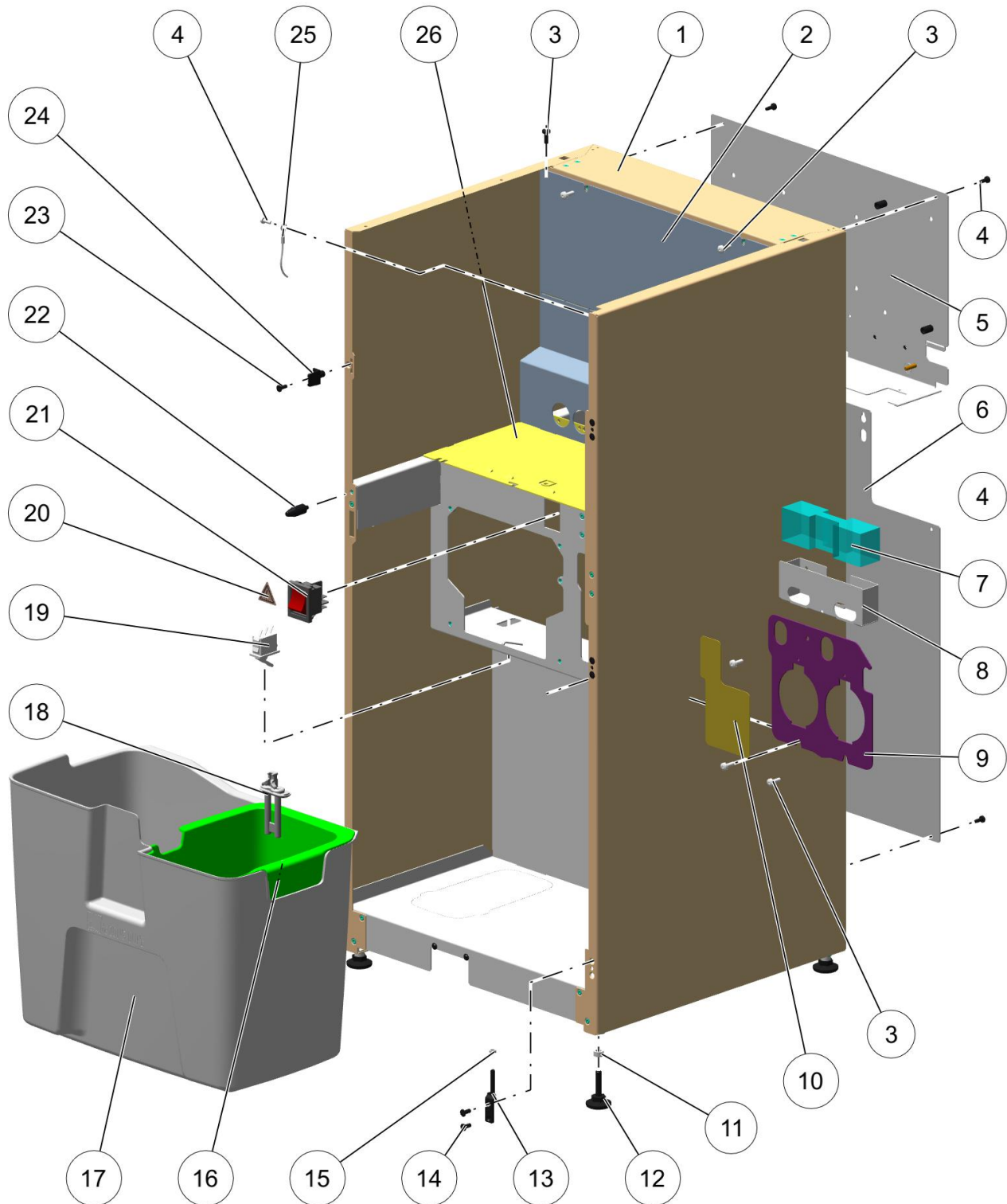




Table of Contents

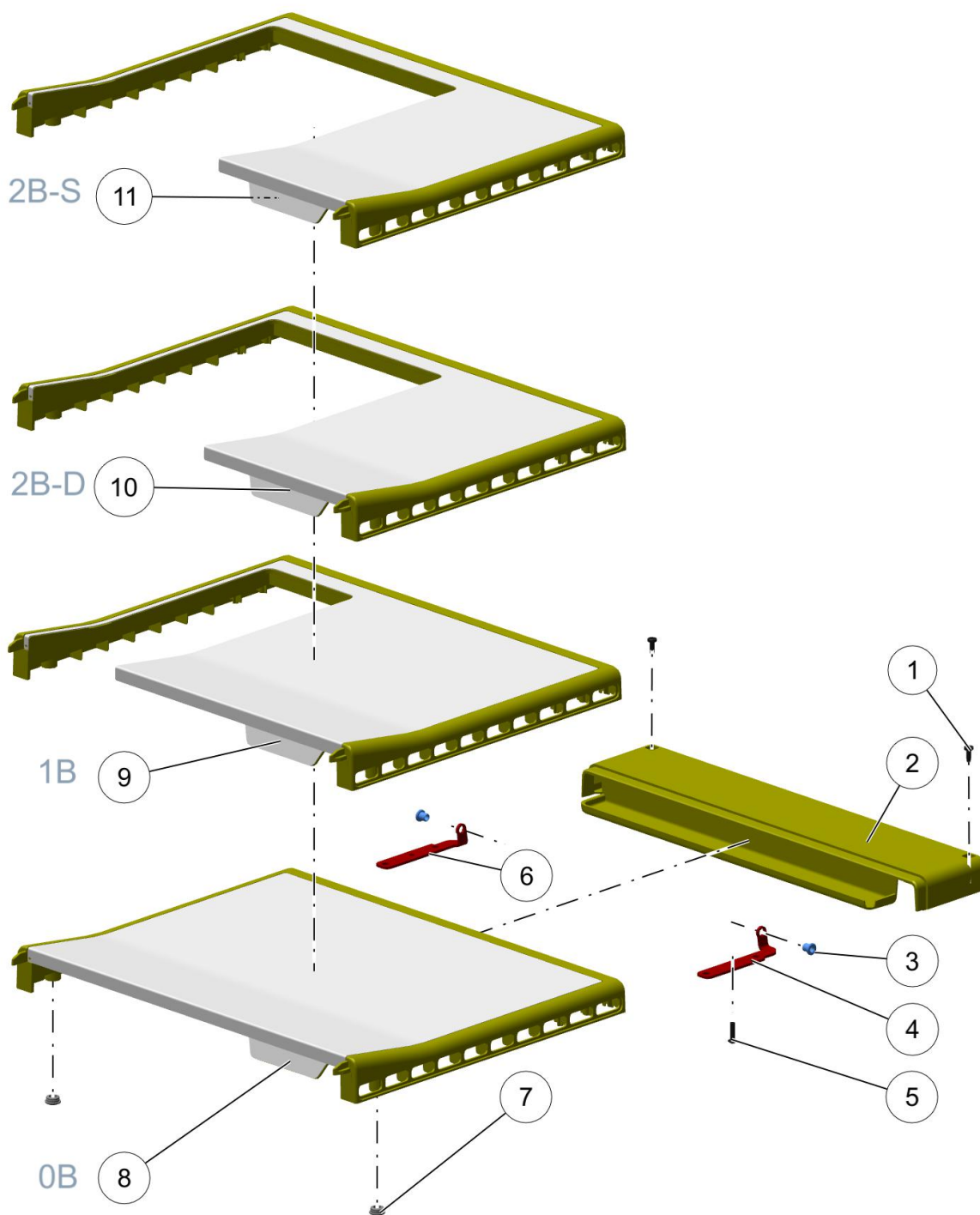
0515 Overview 9XNA - Lua 18000	2
1021 Cabinet 9XNA.....	4
1105 Lid Lua Small	6
1603 Drip tray Sensor.....	8
2001 Base Cabinet Small	10
3527 Door Lua Small	12
4016 Display Lua Small	16
4307 Cup Stand	18
4515 Payment Unit	20
5007 Base Cabinet Door Small	24
5518 MoVeC ICEQ IOB and PSU (CoExXL).....	26
5519 MoVeC ICEQ3 Controller Board	28
6006 CoEx XL Brewer Overview.....	30
60061 CoEx XL Mounting Frame	32
60062 CoEx XI Brewer.....	34
6109 CoEx XL outlets.....	36
6503 Pressure Boiler PPSU 9XNA	38
6607 Valves PPSU 9XNA	42
7010 Canister Complete 9XNA.....	44
70101 Canister Body.....	50
70102 Canister Wheel and Spring	52
70103 Canister Base	54
7015 Bean Canister	56
7103 D-Grinder Assembly	58
7104 D-Grinder	60
7503 Mixer System	62
7603 Fan 9XNA-9XEA.....	64
9000 Recommended Tools	66
Disclaimer	70

1021-A



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
1021-A	01		6HKA094	1	Cabinet 9XNA machine
1021-A	02		5MBH457	1	Canister backplate
1021-A	03	SE	4BBK032	4	Bolt M4x12
1021-A	04		4BSC022	8	Cutting screw 3.5x9.5
1021-A	05		5MBH465	1	Backplate top for electronic parts
1021-A	06		5MBH329	1	Lower backplate
1021-A	07		5KAF139	1	Suction filter
1021-A	08		5MAF112	1	Suction filter drawer
1021-A	09		5MMX058	1	Mixer mounting bracket 9XNA
1021-A	10		5KFR041	1	Cover plate mixer mounting
1021-A	11		4KAB008	4	Spacer 6.2x10x5
1021-A	12		KA23	4	Feet
1021-A	13		5MHS015	2	Hinge
1021-A	14		4BBK037	4	Bolt M4x6
1021-A	15		4KAB021	1	Spacer 4.3x7x2.3
1021-A	16		5KAF137	1	Drip tray under CoExXL brewer 9XNA
1021-A	17		5KAF136	1	Waste bucket CoExXL brewer 9XNA
1021-A	18		6CSS065	1	Sensor - Internal Drip tray full
1021-A	19		4ESK041	1	Waste bucket detector switch
1021-A	20		5TAB020	1	Sticker Electrical / Safety
1021-A	21	SW	4ESK020	1	Main switch 16A + red led
1021-A	22		5MDF032	1	Door pin Torx
1021-A	23		4BSC052	1	Screw 3,5x10 Tx15
1021-A	24	SW	5KDS039	1	Door Switch activator
1021-A	25		KA338	1	Ground wire
1021-A	26		5MBH335- RAL9005	1	Ground plate canisters

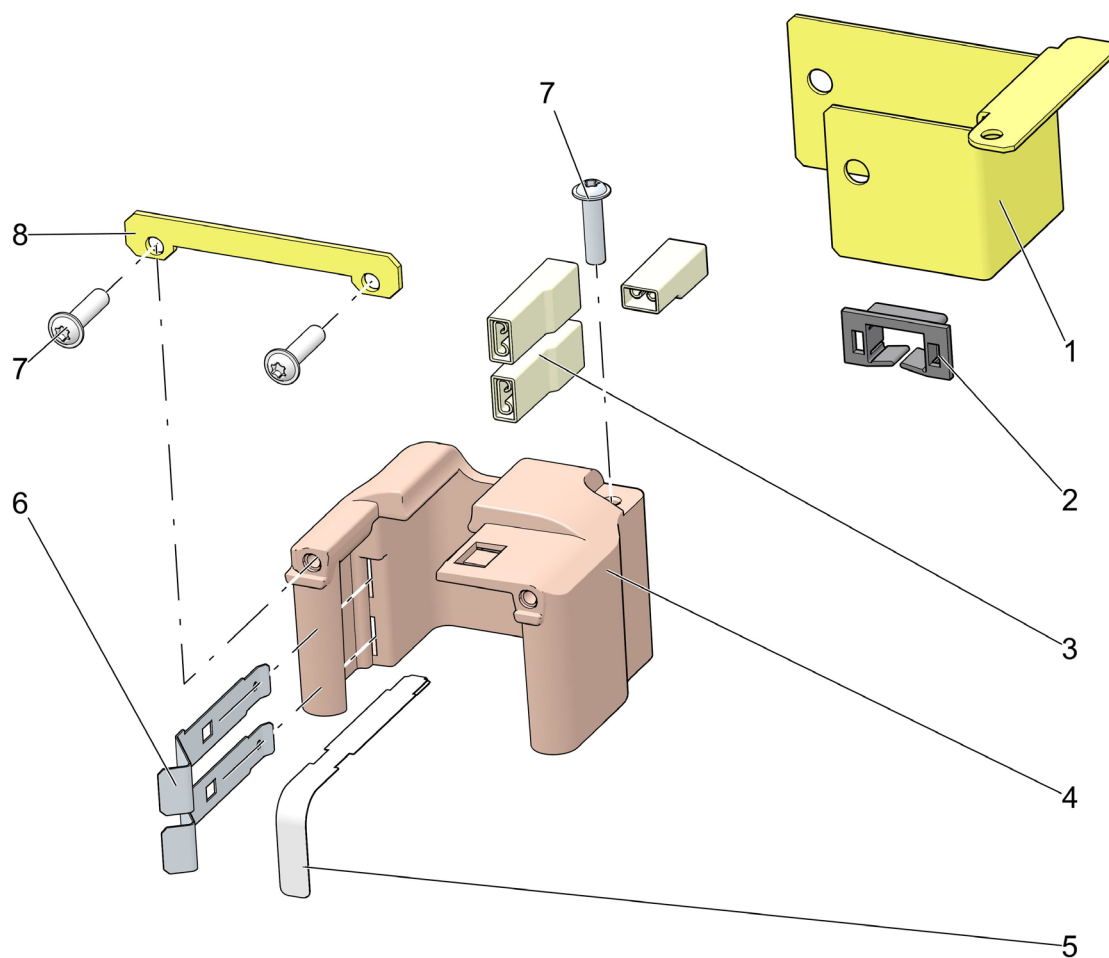
1105-A



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					PARTS
1105-A	01		4BSC022	2	Cutting screw 3.5x9.5
1105-A	02		5KBH043	1	Lid fixed
1105-A	03		4KLG004	2	Sleeve bearing 4x6x9x8
1105-A	04		5MHS060	1	Lid hinge right
1105-A	05		4BSC036	6	Screw polymate torx
1105-A	06		5MHS059	1	Lid hinge left
1105-A	07		5RDK003	2	Protector plug
1105-A	08		9HKA030	1	Lid full width <i>with metal cover - no extended bean canister cut-out (0B)</i>
1105-A	09		9HKA031	1	Lid for 1 bean canister in cabinet <i>with metal cover for 1 Grinder (1B)</i>
1105-A	10		9HKA033	1	Lid for 2 bean canisters in cabinet <i>with metal cover for 2 D-Grinders (2B-D)</i>
1105-A	11		9HKA034	1	Lid for 2 bean canisters in cabinet <i>with metal cover for 2 Schaerer Grinders (2B-S)</i>

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts directly available on local or car stock.

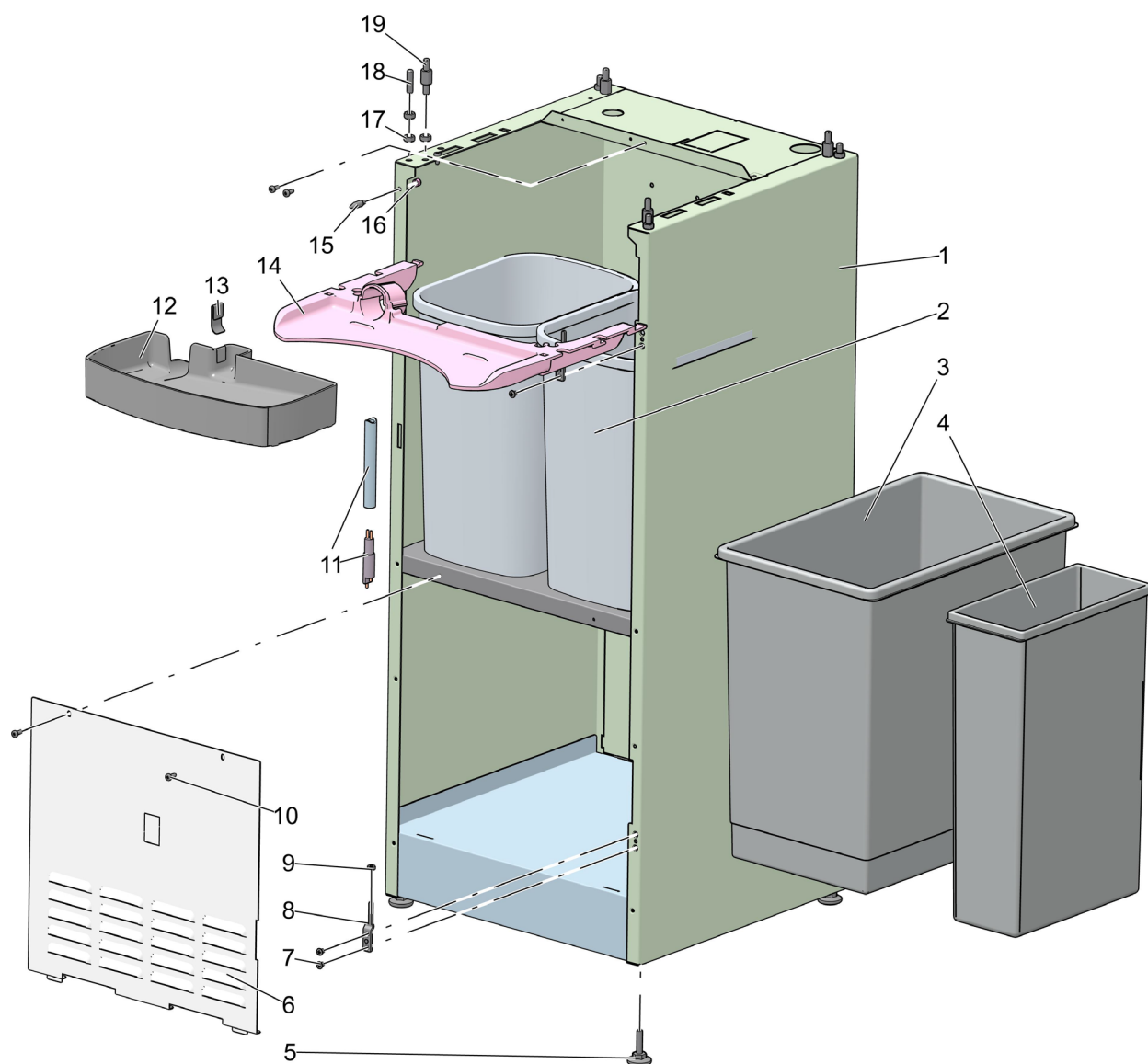
1603-C



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					SETS
1603-C		SW	6CSS060		Drip tray connector assembly <i>with items 3, 4, 5, 6</i>
1603-C		SW	6CSS067		Drip tray connector assembly Nio <i>with items 1, 2, 3, 4, 5, 6, 7, 8</i>
					PARTS
1603-C	01		5MAF101-RAL9005	1	Back bracket - powder coated <i>(Nio only)</i>
1603-C	02		4KBM053	1	Cable saddle edge mount <i>(Nio only)</i>
1603-C	03		6CKB456	1	Cable
1603-C	04		5KAF135	1	Sensor housing <i>NOTE: only use in combination with 5MVR046</i>
1603-C	05		5MVR046	1	Connector clip <i>NOTE: only use in combination with 5KAF135</i>
1603-C	06		5MVR030	2	Side spring connector
1603-C	07		4BSC036	2	Screw torx 3.5x13.5
1603-C	08		5MVL214	1	Front bracket <i>(Nio only)</i>
					HISTORY
1603-B		SW	6CSS042		Drip tray connector assembly <i>Replaced by 6CSS060 from S/N 2017.11.xxxx.001</i>
1603-B	01		5MAF101	1	Back bracket - untreated <i>Replaced by 5MAF101-RAL9005 from S/N 2020.04.6766.001</i>
1603-B	04		5KAF114	1	Sensor housing <i>Replaced by 5KAF135 from S/N 2017.11.xxxx.001</i>
1603-B	05		5MVR033	1	Connector clip <i>Replaced by 5MVR046 from S/N 2017.11.xxxx.001</i>

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local stock or car stock.

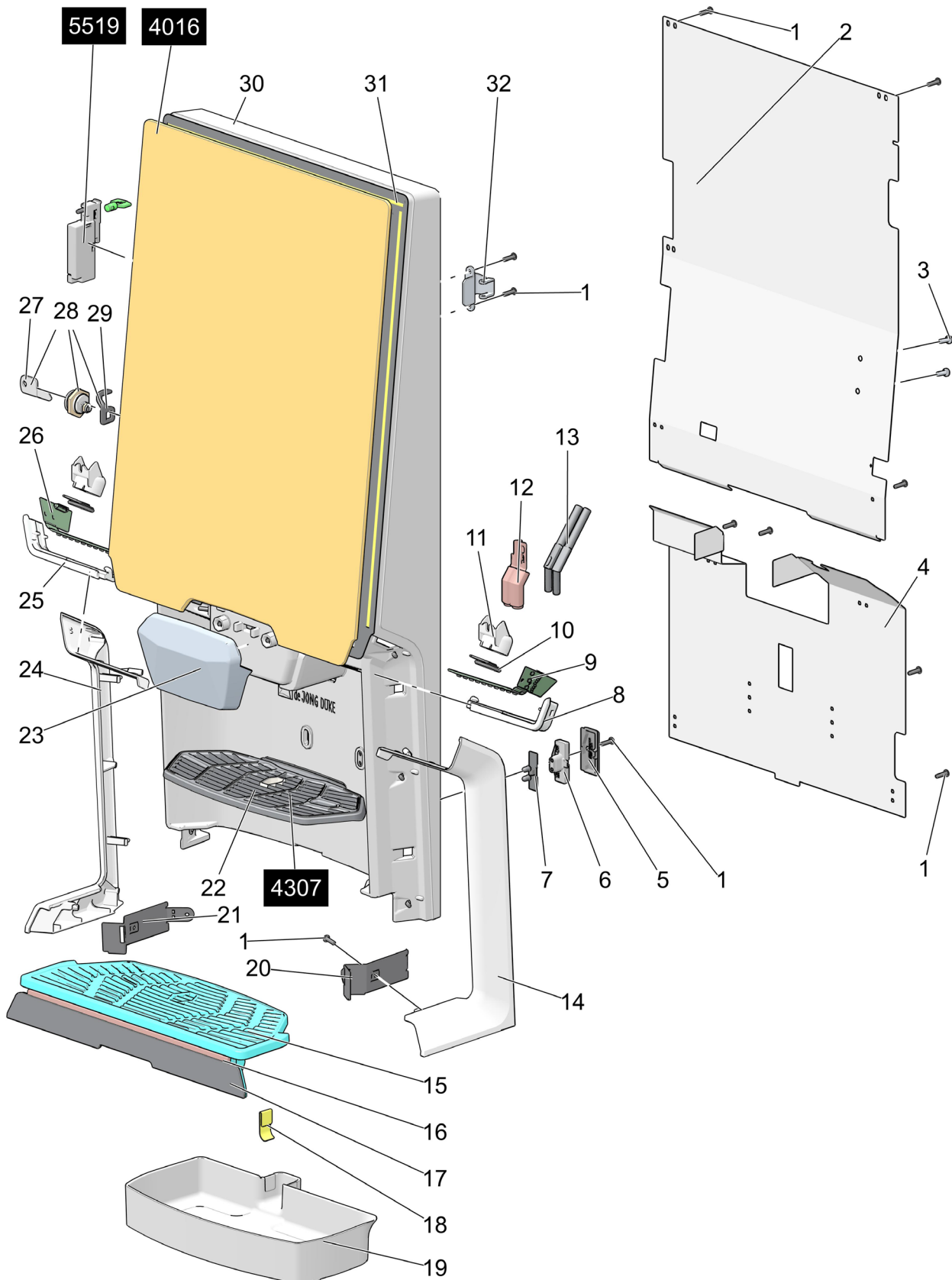
2001-E



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					SETS
2001-E	12		9AOV011	1	Drip tray for waste guide for base cabinet small <i>with item 16</i>
					PARTS
2001-E	01		6HKA011- RAL9011	1	Base cabinet small
2001-E	02		4KAF007	1	Waste bin 9L
2001-E	03		4KAF008	1	Waste bin 24L
2001-E	04		4KAF006	1	Waste bin 7L
2001-E	05		KA23	4	Feet
2001-E	06		5MPL168- KTL	1	Cover for cooling unit in base cabinet small <i>Used in production from 2022.12.xxxx.xxx</i> <i>With flush button cut-out in the middle</i>
2001-E	07		4BBK037	4	Bolt M4x6
2001-E	08		5MHS015	2	Hinge
2001-E	09		4KAB002	1	Distance holder 4.2x8x3
2001-E	10		4BSC022	2	Cutting screw 3.5x9.5
2001-E	11		6CSS043	1	Drip tray/waste bucket sensor with connector <i>for all models except Siro Touch</i>
2001-E	12		5KAF106	1	Drip tray for waste water guide <i>for all models except Siro Touch</i>
2001-E	13		5MVR031	1	Spring clip drip tray
2001-E	14		5KAF107	1	Base plate drip tray small <i>for all models except Siro Touch</i>
2001-E	15		5MDF011	1	Door pin
2001-E	16		4BMZ011	1	Nut Lock M4
2001-E	17		4BMZ007	8	Nut M6
2001-E	18		4BBY022	4	Distance holder screw M6x25
2001-E	19		5BBZ008	4	Distance holder <i>for 9XNA, 9XEA, 9INB, 9IEA and</i> <i>9FND (all for s/n < 2011.12.xxxx.xxx)</i>
					HISTORY
2001-E	06		5MPL152- KTL	1	Cover for cooling unit in base cabinet small <i>Used in production until 2022.12.xxxx.xxx</i> <i>With flush button cut-out in bottom right corner</i>

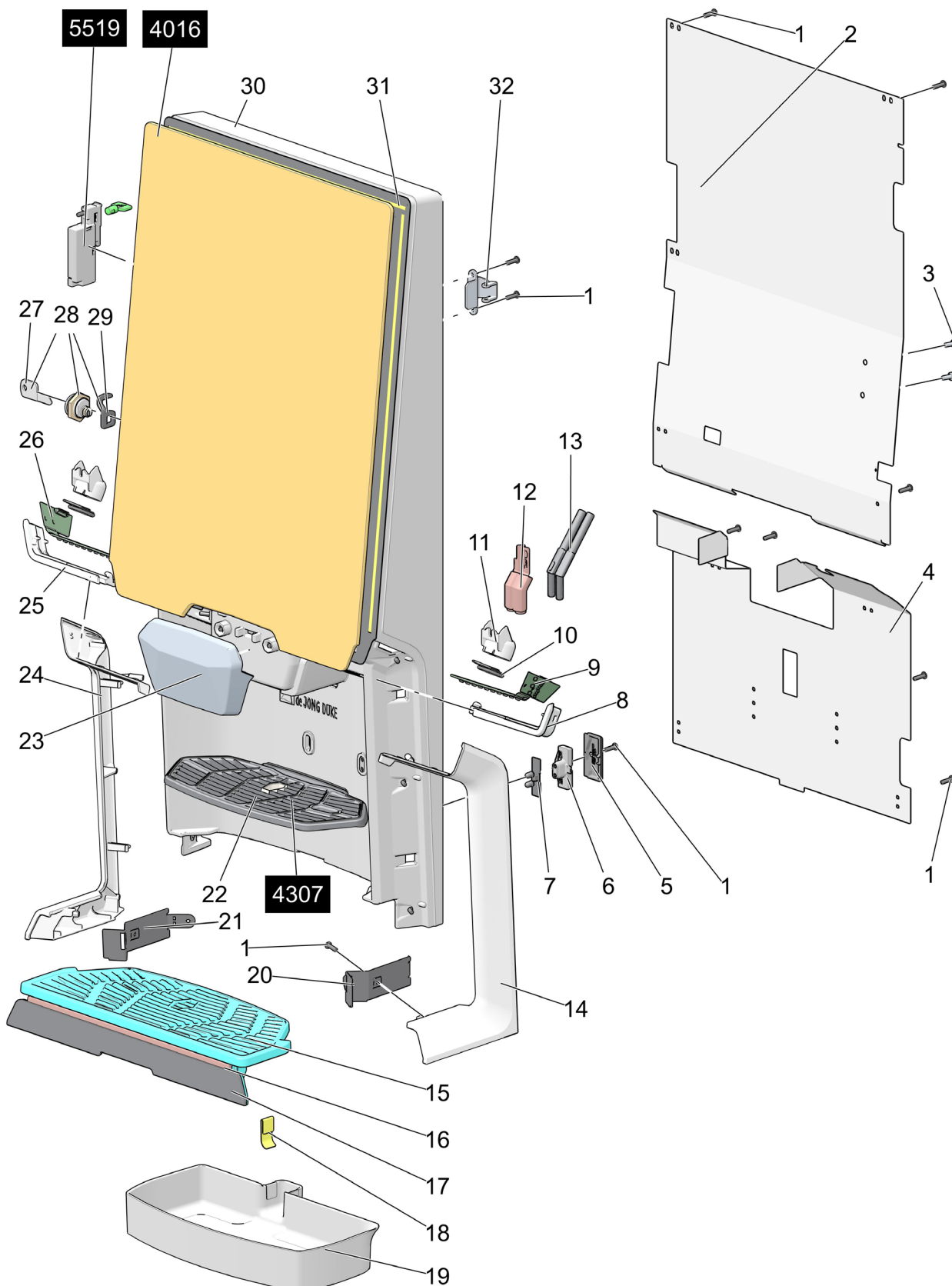
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car (SE) stock.

3527-B



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					REFERENCES
4016					Refers to drawing 4016 - Display Lua
4307					Refers to drawing 4307 - Cup stand
5519					Refers to drawing 5519 - Controller board
					SETS
			6AOV030	1	Drip tray with item 18 + 19
			6CSS052	1	Cup sensor complete with item 5, 6 + 7
					PARTS
3527-B	01		4BSC036	37	Screw torx 3.5x13.5
3527-B	02		5MDR511 -RAL9005	1	Inside cover plate top
3527-B	03		4BBK026	2	Bolt with lock washer M4x12
3527-B	04		5MDR512 -RAL9005	1	Inside cover plate bottom
3527-B	05		5KBK068	2	Cup sensor back
3527-B	06		5KBK067	2	Cup sensor front
3527-B	07		5EPR133	2	Cup sensor PCB
3527-B	08		5KDR097	1	Light guide front - right
3527-B	09		5EPR160	1	LED strip PCB front - right
3527-B	10		4ELP002	2	Speaker
3527-B	11		5KDR094	2	Speaker housing
3527-B	12		5KDR100 -KOPER	1	Outlet cover water (copper)
3527-B	13		5RSL021	1	Outlet hose water
3527-B	14		5KDR099 -KOPER	1	C cover door right (copper)
3527-B	15		5KAF145	1	Drip tray cover
3527-B	16		5KAF144 -KOPER	1	Drip tray cover trim strip
3527-B	17		6HFP016	1	Drip tray cover front
3527-B	18	SW	5MVR031	1	Drip tray spring clip
3527-B	19		5KAF101	1	Drip tray
3527-B	20		5MDR537 -RAL9005	1	Cover plate C shape - right
3527-B	21		5MDR513 -RAL9005	1	Cover plate C shape - left
3527-B	22		TBD	1	Cup stand (5KBK066 + 2 x 5MMG001)
3527-B	23		5KDR095 -KOPER	1	Dispense front (copper)

3527-B



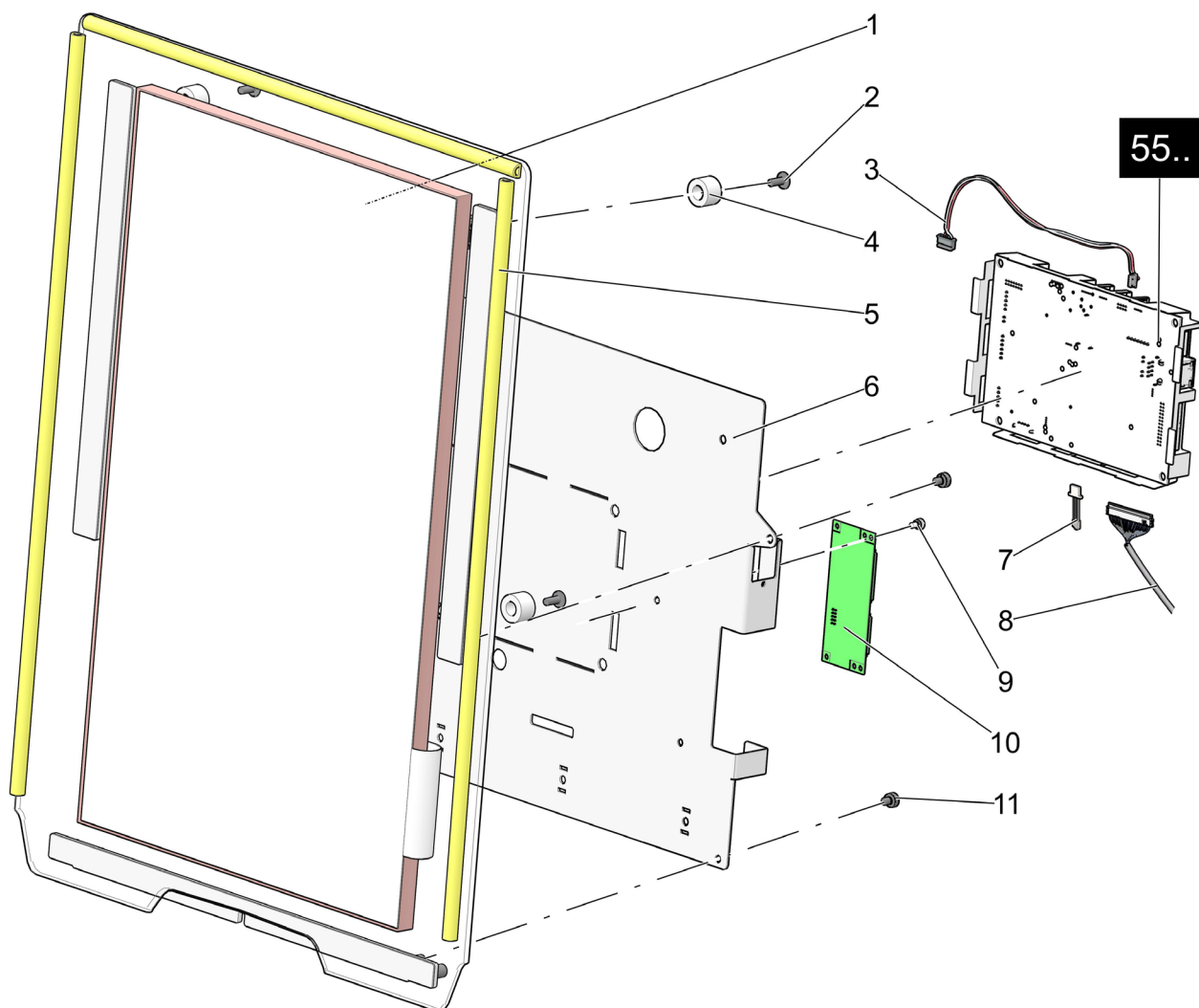
Drawing	Pos	S	Part Nr	Qty	Spare Part Description
3527-B	24		5KDR098-KOPER	1	C cover door left (copper)
3527-B	25		5KDR096	1	Light guide front - left
3527-B	26		5EPR159	1	LED strip PCB front - left
3527-B	27		4MHS051	1	Key K411 only (for lock 4MHS049)
3527-B	28		4MHS049	1	Lock with clip and key (K411)
3527-B	29		5MHS058	1	Lock hook
3527-B	30		5KDR093-3101	1	Door frame Lua small
3527-B	31		4XBD006	3	Adhesive rubber foam
3527-B	32		5MHS012	2	Door hinge



IMPORTANT

To prevent Electrostatic discharge (ESD), always use an ESD wrist strap. Make sure to connect it to the door ground cable of the coffee machine before handling the boards.

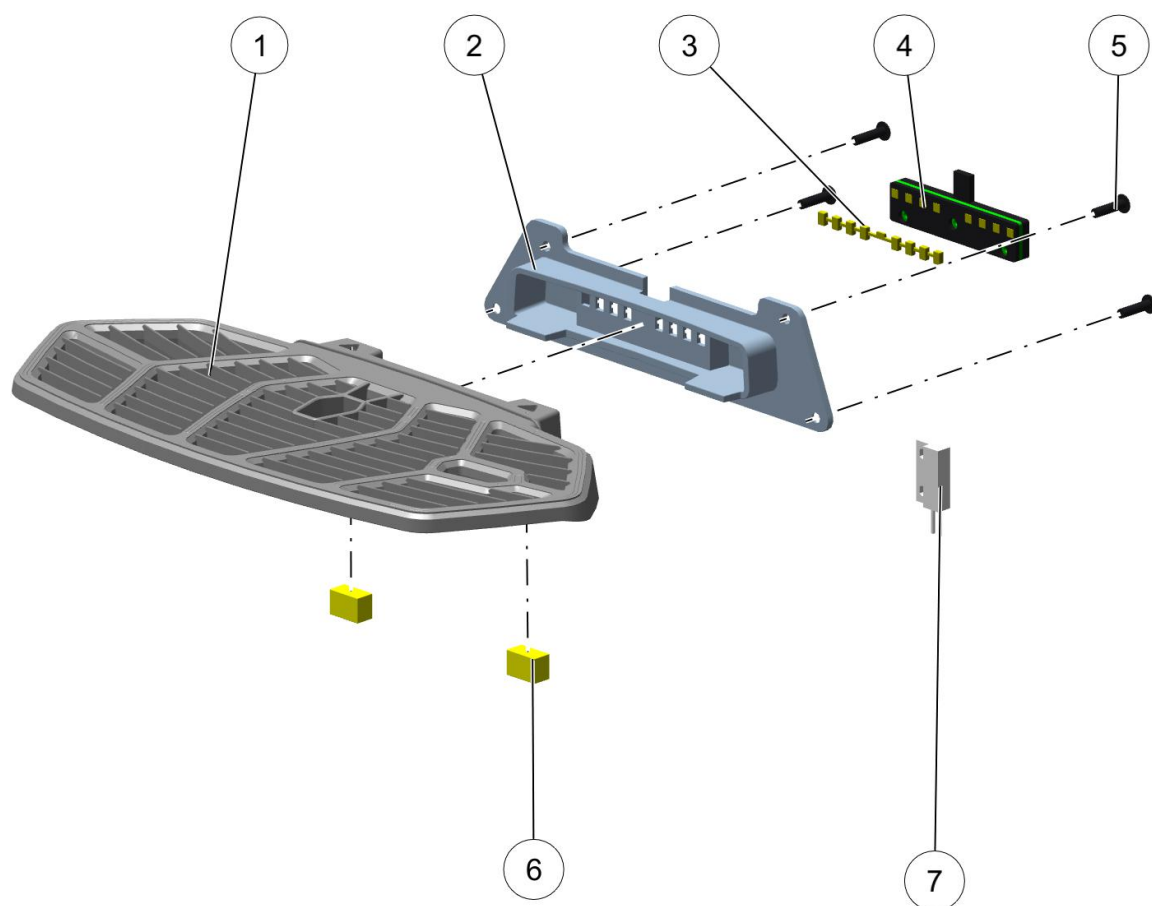
4016-A



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					REFERENCES
55..					Refer to drawing 5519: MoVec ICEQ3 Controller Board
					PARTS
4016-A	01		6CDP015	1	Glass front panel with Touchscreen and Display 18.5" Lua
4016-A	02		4BBK052	7	Button head screw M4x10
4016-A	03		6CKB557	1	Touchpanel cable Lua
4016-A	04		TBD	1	Spacer
4016-A	05		4XBD006	3	Adhesive foam rubber
4016-A	06		5MDR510	1	Mounting plate Lua
4016-A	07		6CKB540	1	Backlight cable Lua
4016-A	08		6CKB554	1	Display cable 18.5" 2LVDS
4016-A	09		4BBK045	2	Bolt + lock washer M3x6
4016-A	10		4EPR031	1	Capacitive control board
4016-A	11		4BBK039	4	Bolt + lock washer M4x6

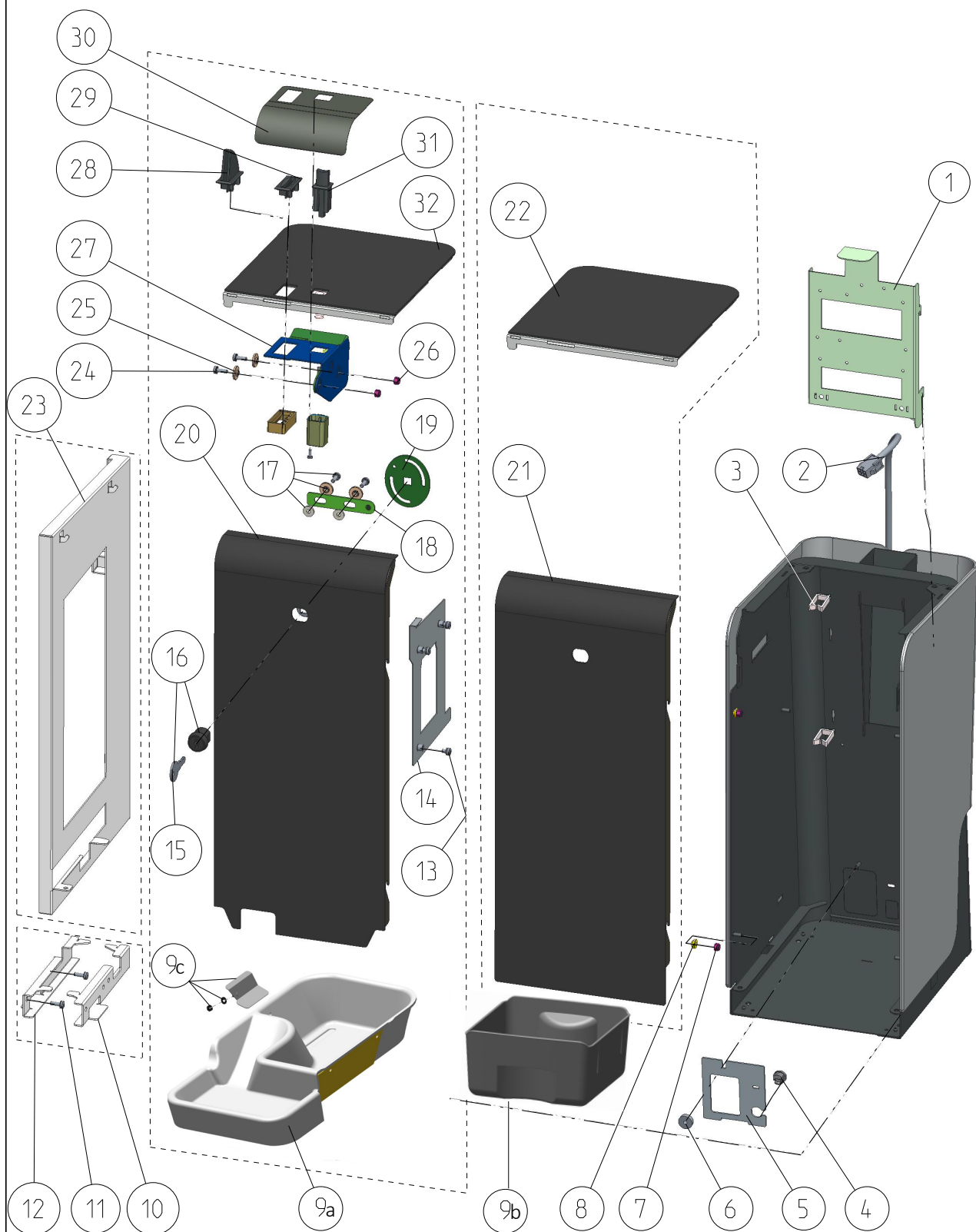
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts directly available on local or car stock.

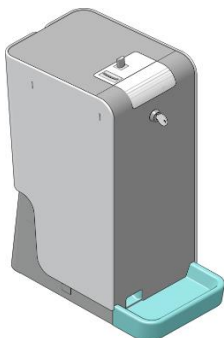
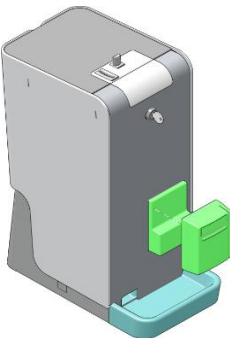
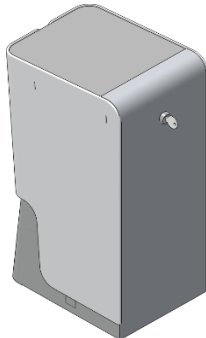
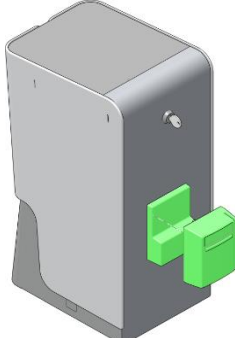
4307-A



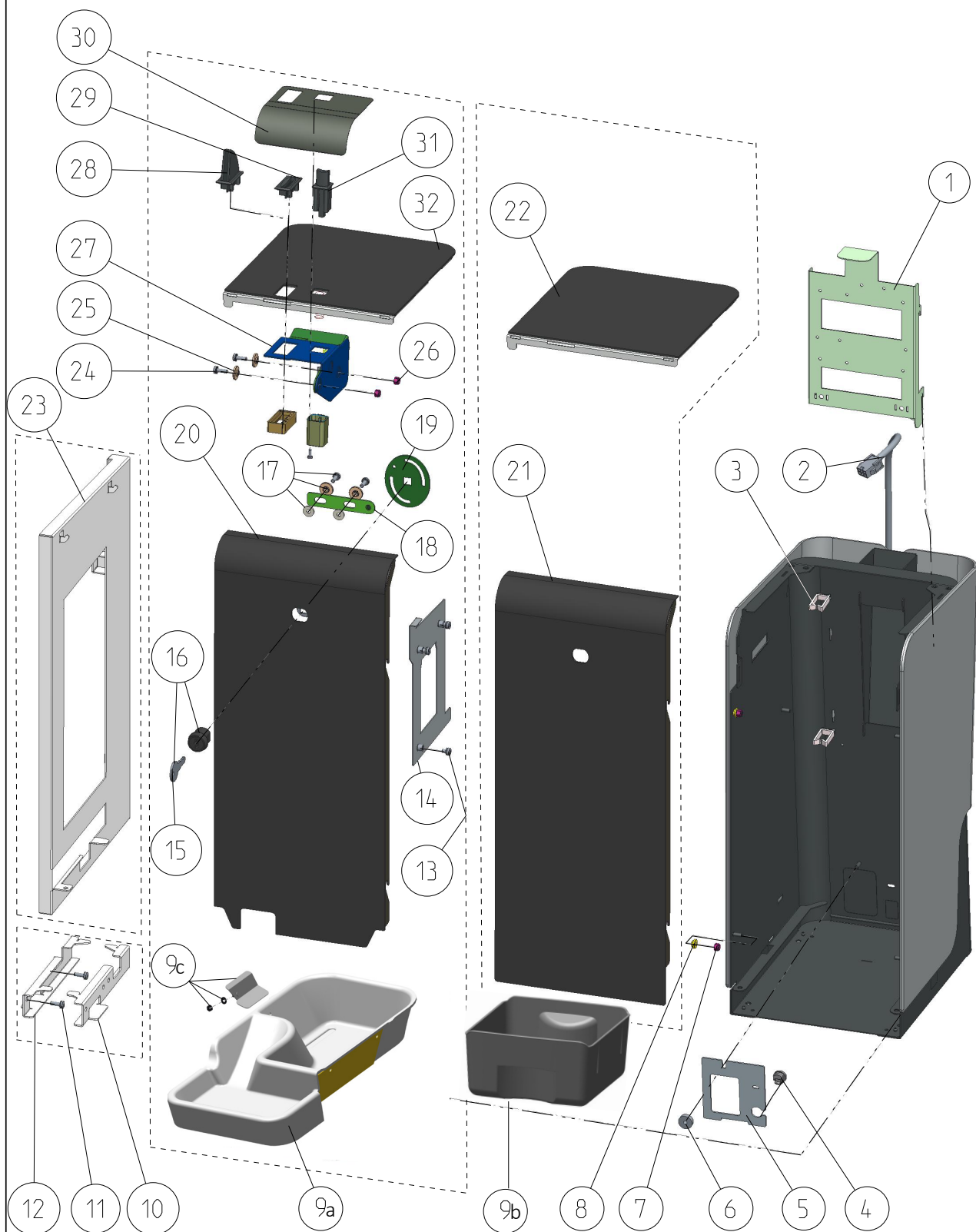
Drawing	Pos	S	Part Nr	Qty	Spare Part Description
4307-A		SW	9BMB018	1	Cup stand assembly with items 1 and 6
4307-A	01		5KBK066	1	Cup stand
4307-A	02		5KBK064	1	Cup stand holder
4307-A	03		5KBK065	1	Lens light guide
4307-A	04		5EPR158	1	PCB cup stand LED light
4307-A	05		4BSC036	4	Screw torx 3,5x13,5
4307-A	06		5MMG001	2	Magnet 14x9
4307-A	07		6CKB461	1	Reed switch - Cup stand detector

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car (SE) stock.



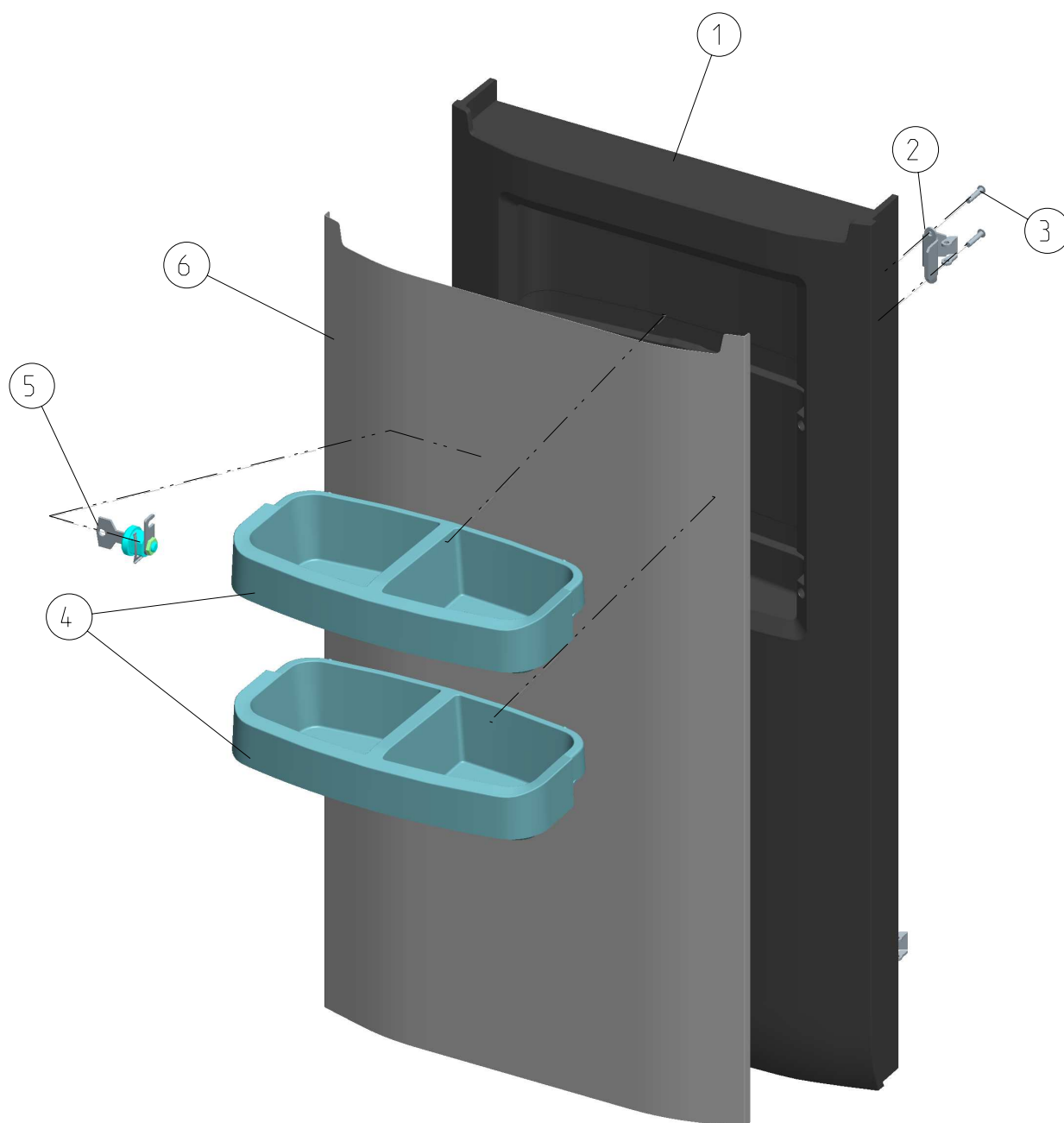
				
Prepared for Coin Acceptor (9MDG013)	Prepared for Change giver (4EMU009)	Prepared for Change giver + Card reader / Bill acceptor	Blank	Prepared for Card reader / Bill acceptor
Part number for complete housing for Small(T0) and Medium(T1) models: <i>with connection bracket item 23 but without the payment option itself (highlighted in green)</i>				
9MKA014	9MKA008	9MKA010	9MKA012	9MKA016
Part number for replacement Front panel pre-assembled: <i>complete with items 16, 17, 18, 19 and 20 or 21 but without the payment option itself (highlighted in green)</i>				
9MDG049	9MDG050	9MDG051	9MDG052	9MDG053

Drawing	Pos	S	Part Nr	Qty	Spare Part Description
			9MDG013		Coin acceptor EURO G13 including front plate wide (See drawing 4509 for more details)
			4EMU009		Change giver G46 EURO
4515-A	01		5MMS203	1	Mounting bracket
4515-A	02		6CKB509	1	MDB Adapter cable 1.6 m (ICEQ2 only)
4515-A	03		4BKM031	2	Cable clamp with plug
4515-A	04		4KDT009	1	Cable relief
4515-A	05		5MMS214	1	Back plate connections
4515-A	06		4BMV007	1	Thumb nut M4
4515-A	07		4BMZ011	4	Locking nut M4
4515-A	08		5MLG001	4	Bearing Ø6,9 x Ø10 x 2
4515-A	9a		6MOV048	1	Money tray for change giver (G46) <i>contains money tray (5KMS017) tray support (5MMS200) and item 9C</i>
4515-A	9b	SW	5KAF090	1	Money tray for coin acceptor (G13)
4515-A	9c		9MDG058	1	Money tray (Change giver) upgrade kit <i>with coin deflection lip (5TMP099), washer M4 (4BPR003) and nut (4BMZ003)</i>



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
4515-A	10		5MMS197-RAL9005	1	Connection piece Nio (Left)
4515-A	11	SE	4BBK032	4	Bolt M4x12 with ring
4515-A	12		5MMS196-RAL9005	1	Connection piece Nio (Right)
4515-A	13		4BBK039	3	Bolt M4x6 with lock washer (Torx)
4515-A	14		5MMS204	1	Bracket for change giver
4515-A	15		4MHS047	1	Key for lock 4MHS044
4515-A	16		4MHS044	1	Lock with keys
4515-A	17		9HDR090	4	Sliding lock fasteners set
4515-A	18		5MHS057	2	Sliding lock plate
4515-A	19		5MHS056	1	Lock cam
4515-A	20		9MDG050	1	Front cover prepared for Change giver <i>with items 16, 17, 18, 19</i>
4515-A	20		9MDG051	1	Front cover prepared for Change giver and bill acceptor <i>with items 16, 17, 18, 19</i>
4515-A	21		9MDG049	1	Front cover prepared for Coin acceptor <i>with items 16, 17, 18, 19</i>
4515-A	21		9MDG052	1	Front cover - Blank / not prepared <i>with items 16, 17, 18, 19</i>
4515-A	21		9MDG053	1	Front cover prepared for Card reader / Bill acceptor <i>with items 16, 17, 18, 19</i>
4515-A	22		6MKA010	1	Lid
4515-A	23		5MMS205-RAL9005	1	Connection bracket
4515-A	24	SE	4BBK032	2	Bolt M4x12 with ring
4515-A	25		5MLG002	2	Bearing Ø6,9 x Ø15 x 1,7
4515-A	26		4BMZ011	2	Locking nut M4
4515-A	27		n/a	1	Return mechanism assembly
4515-A	28		5KMS018	1	Alternative upright coin slot
4515-A	29		n/a	1	Coin slot
4515-A	30		5TAB101	1	Sticker for unit with change giver
4515-A	31		6MDG038	1	Return button assembly
4515-A	32		n/a	1	Lid for unit with change giver

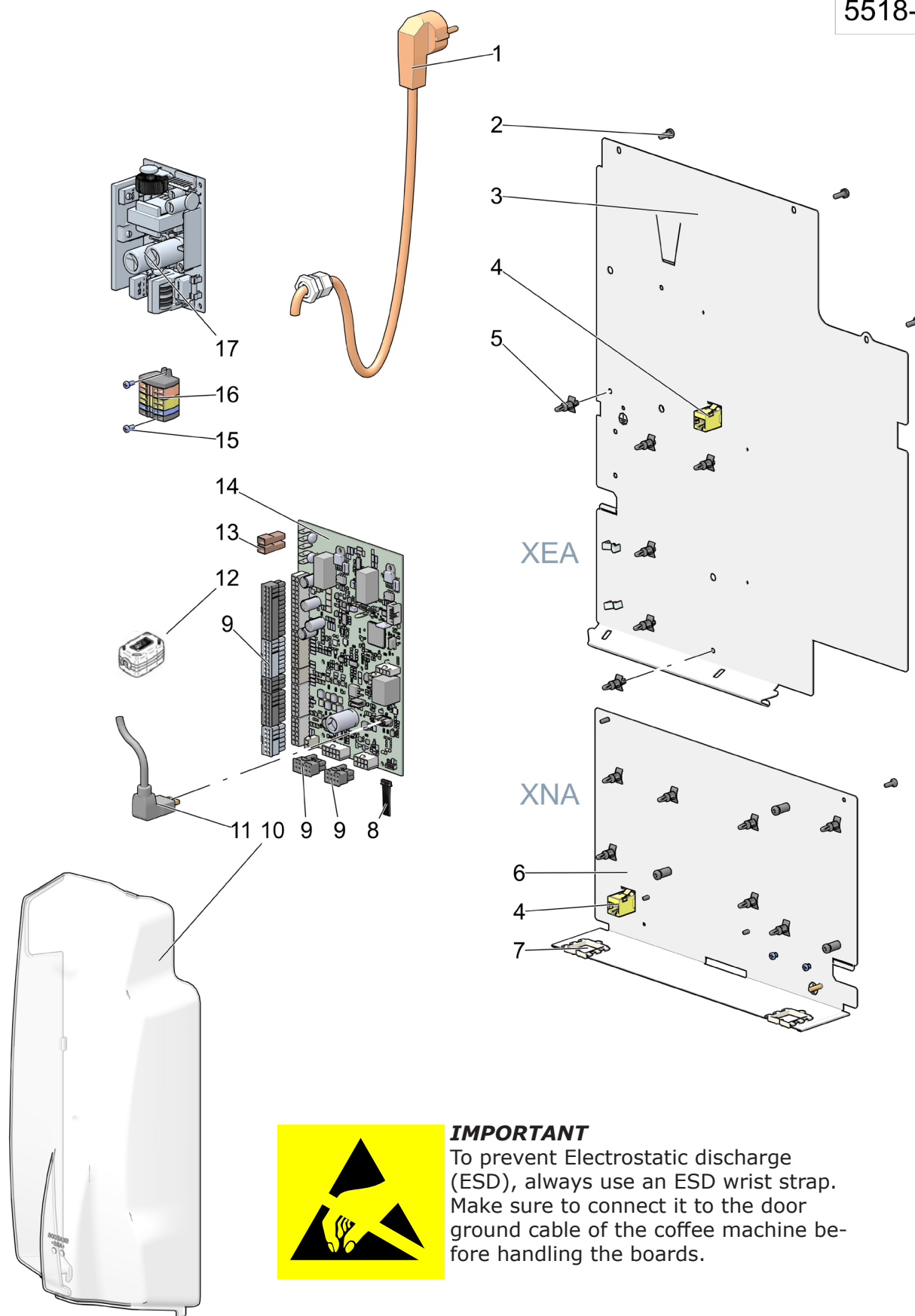
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts directly available on local or car stock.



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					PARTS
5007-A	01		5KDR050 -11194		Door Base Cabinet small (Virtu)
5007-A	01		5KDR050 - 357G2		Door Base Cabinet small (Varea)
5007-A	01		5KDR050 -S139		Door Base Cabinet small (Zia)
5007-A	01		5KDR050 -99YK		Door Base Cabinet small (Edge)
5007-A	01		5KDR050 -3101		Door Base Cabinet small (Lua)
5007-A	01		5KDR050 -01		Door Base Cabinet small (Blu)
5007-A	01		5KDR050 -RAL9005		Door Base Cabinet small (Rosa)
5007-A	02		5MHS012		Door hinge
5007-A	03		4BSC037		Screw 4x12
5007-A	04		5KDR052		Condimental tray base cabinet
5007-A	05		9HDR078		Lock with clip and key <i>note: key NOT identical to 4MHS026 key</i>
5007-A	05		4MHS042		Key for door lock 9HDR078 <i>key# 25401</i>
5007-A	06		9HDR059		Cover plate base small (Virtu - Vivinox) <i>including adhesive strip</i>
5007-A	06		9HDR089		Cover plate base small (Zia - S139) <i>including adhesive strip</i>
5007-A	06		TBD		Cover plate base small (Edge) <i>including adhesive strip</i>
					HISTORY
5007-A	05		4MHS026		Lock with clip <i>Replaced by 9HDR078 from S/N 2016.06.xxxx.001</i>

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts directly available locally or car stock.

5518-A



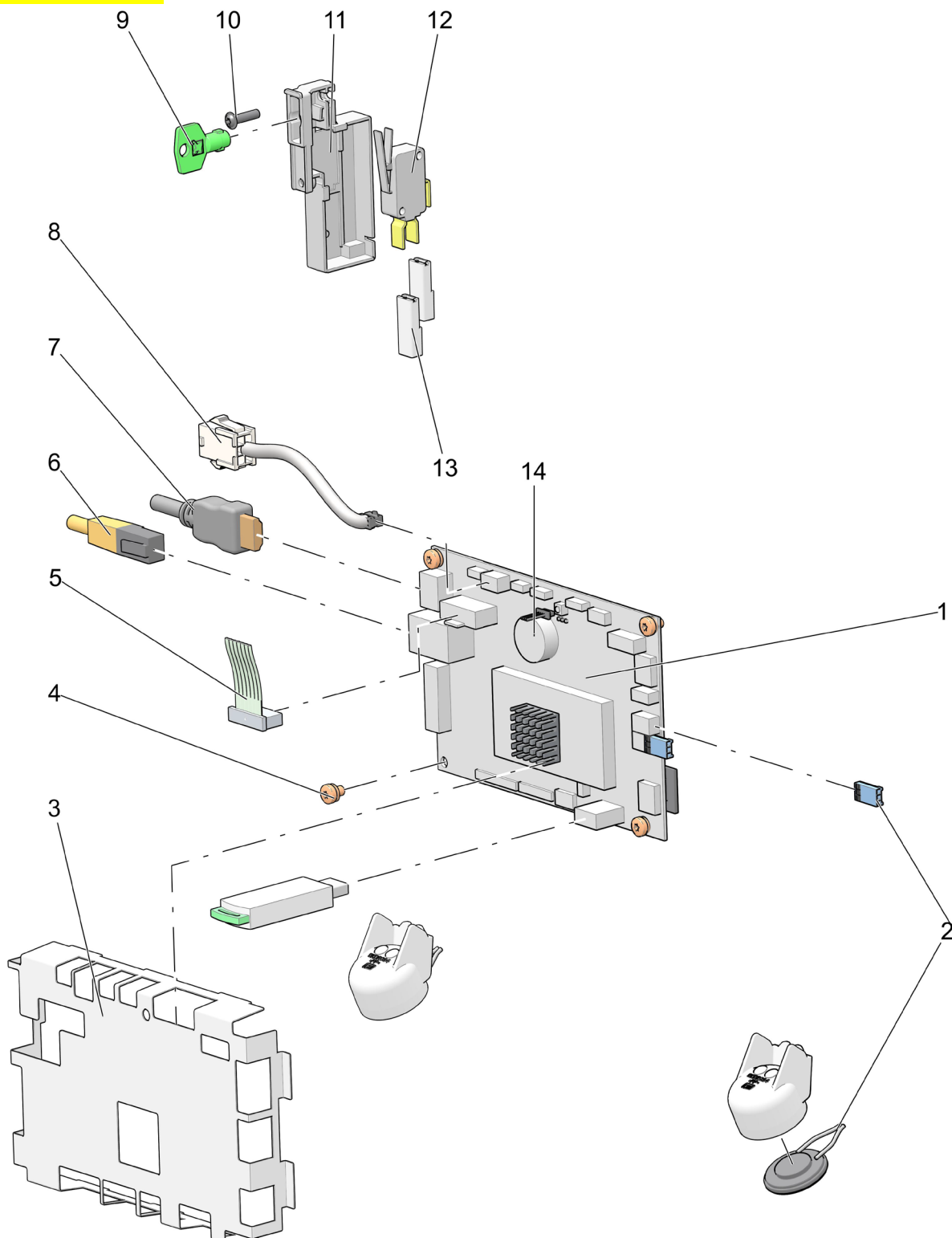
Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					SETS
5518-A	08	SW	9EPR025	1	IOB MoVeC ICEQ with 34 outputs (CoExXL) (For 2 heating elements) <i>with item 14 and a J11 adapter cable</i>
					PARTS
5518-A	01		6CKB130	1	Power cord EU with strain relief / cable gland
5518-A	01		6CKB136	1	Power cord UK with strain relief / cable gland
5518-A	01		6CKB137	1	Power cord USA 120VAC UL
5518-A	01		6CKB606	1	Power cord South Africa with cable gland
5518-A	02	SE	4BBK032	2	Bolt M4x12 with lock washer
5518-A	03		5MBH492	1	Electronics back panel XEA
5518-A	04		4EMK022	1	RJ45 Network connector panel mount
5518-A	05		4BAF015	7	PCB support
5518-A	06		5MBH465	1	Electronics back panel XNA
5518-A	07		4BKM063	2	Cable clamp plate rim with closure 27mm
5518-A	08		6CKB545	1	Wire harness canister interlock jumper
5518-A	09		6CKB600	1	Wire harness XNA 24V
5518-A	09		6CKB602	1	Wire harness XEA 24V
5518-A	10		5KAE006	1	Electronics cover (XEA only)
5518-A	11	SW	6CKB497	1	Movec ICEQ-Cable IOB to Controller board (HDMI)
5518-A	12		4ETR013	1	Ferrite split core interference filter
5518-A	13		6CKB552	1	230v/120v wire harness XEA
5518-A	13		6CKB544	1	230v/120v wire harness XNA
5518-A	14		5EPR163	1	IOB MoVeC ICEQ with 34 outputs (CoExXL) (For 2 heating elements) <i>NOTE: order 9EPR025 if a 5EPR156 IOB is replaced</i>
5518-A	15		4BBK028	2	Bolt M3x8
5518-A	16		6CCT002	1	Connection block
5518-A	17	SW	5EPR076	1	Power supply 230VAC - 24VDC / 120W
5518-A	17		5EPR077	1	Power supply 120VAC - 24VDC / 120W
					HISTORY
5518-A	14		5EPR156	1	IOB MoVeC ICEQ with 34 outputs (CoExXL) (For 2 heating elements) <i>replaced by 5EPR163 from 2021.45.XXXX.001</i>

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car stock (SE).

**IMPORTANT**

To prevent Electrostatic discharge (ESD), always use an ESD wrist strap. Make sure to connect it to the door ground cable of the coffee machine before handling the boards.

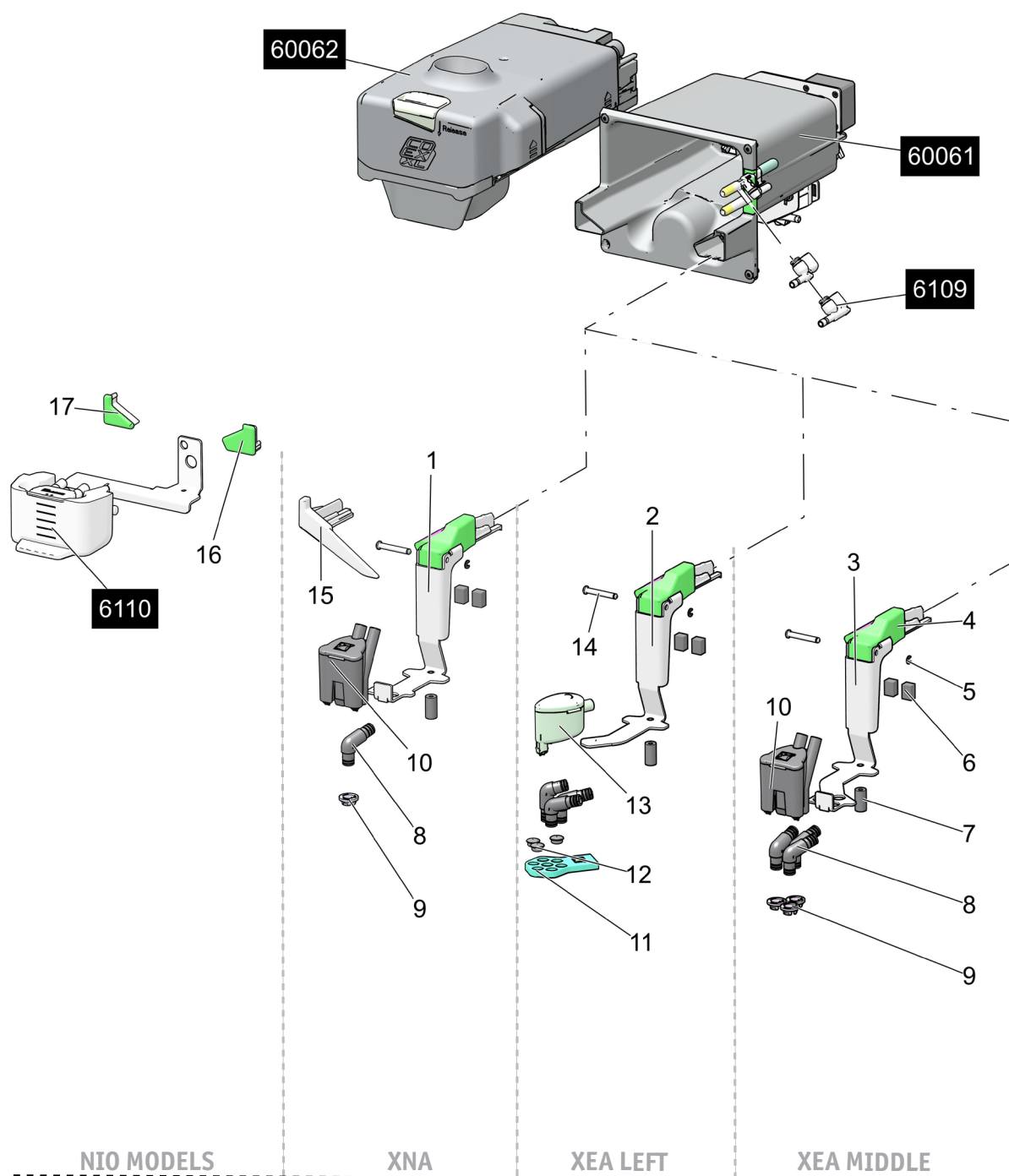
5519-B



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					Parts
5519-B	01	SW	9EPR026	1	MoVeC ICEQ3 controller board Avy
5519-B	01	SW	9EPR024	1	MoVeC ICEQ3 controller board Lua
5519-B	01	SW	9EPR028	1	MoVeC ICEQ3 controller board ROSA
5519-B	02		4ELP002	2	Speaker
5519-B	03		n/a		MoVeC ICEQ3 board cover
5519-B	04		4BBK039	4	Bolt with lock washer M4x6
5519-B	05	SE	6CKB426	1	Flat cable IOB-MoVeC ICEQ
5519-B	06		6CKB516	1	Network (patch) cable 2xRJ45 1m
5519-B	07	SW	6CKB497	1	HDMI cable IOB-MoVeC ICEQ
5519-B	08		6CKB508	1	MDB adapter cable ICEQ2 0,1m
5519-B	09	SE	5KDS036	1	Service key
5519-B	10		4BSC036	1	Screw torx 3.5x13.5
5519-B	11		5KDS038	1	Door micro switch ICEQ mounting
5519-B	12	SW	4ESK048	1	Door micro switch ICEQ
5519-B	13		6CKB555	1	Wire harness for sensors Avy / ROSA
5519-B	13		6CKB539	1	Wire harness for sensors Lua
5519-B	14		4ETR011	1	Battery for PCB assembly 3V Scan the QR code below and watch a replacement instruction video 
					If the QR code does not work, copy this address in your browser (or click here) : http://youtu.be/LJpgV-dTR3M

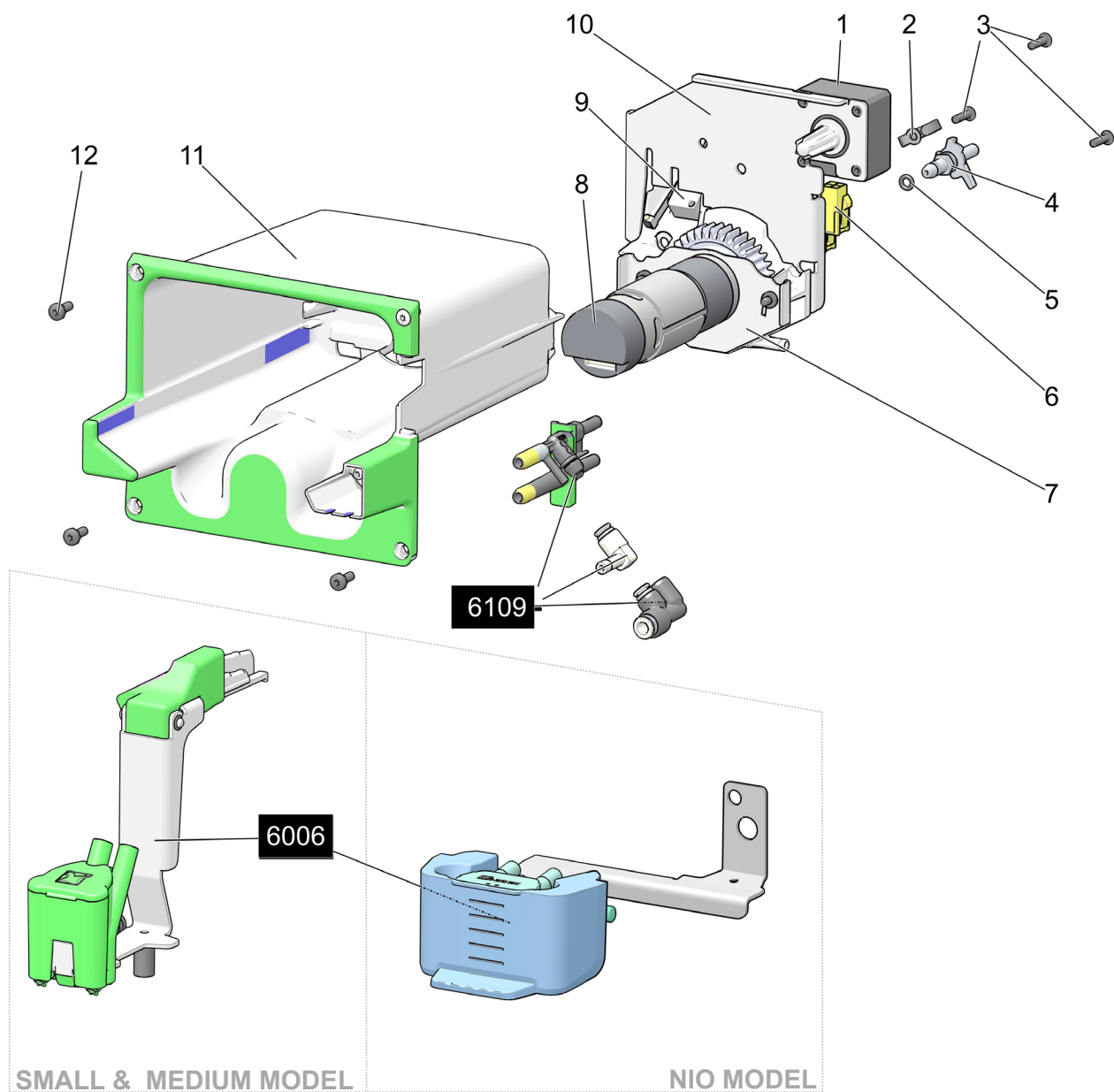
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available locally (SW) or as car stock (SE).

6006-B



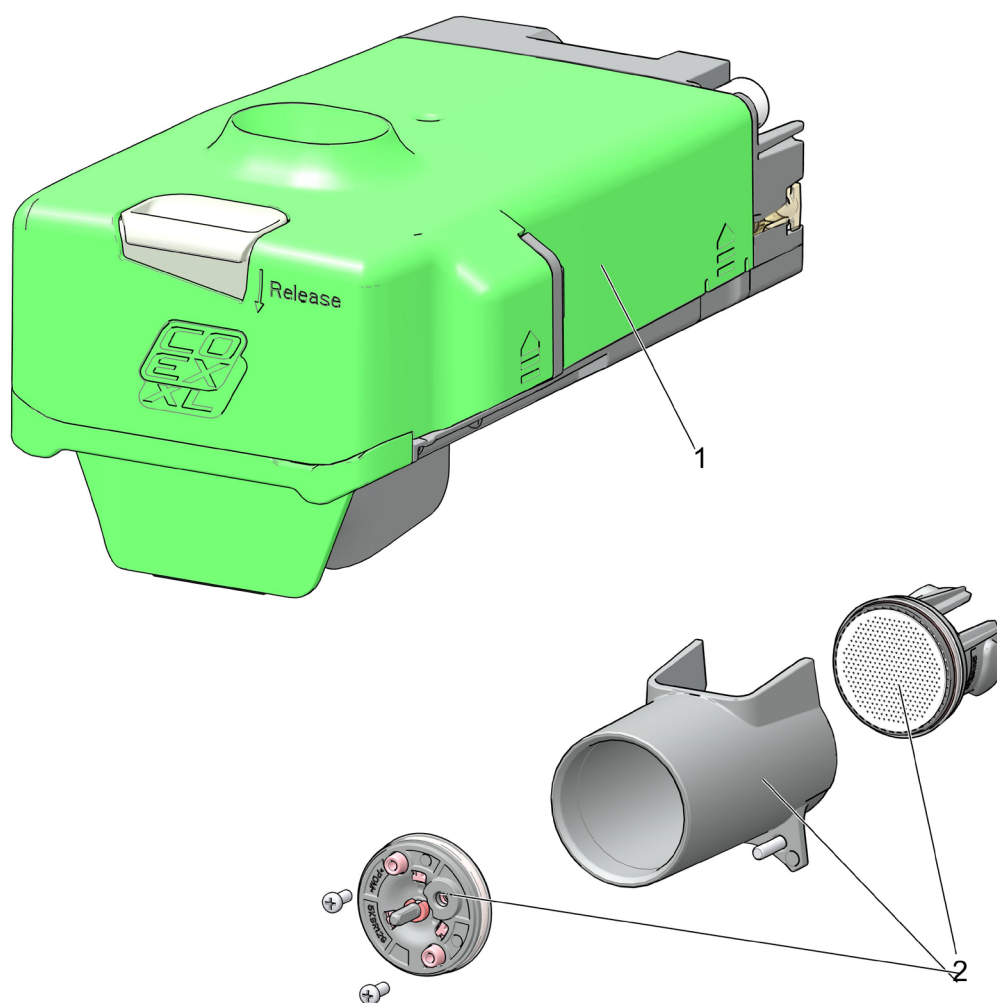
<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					REFERENCES
6109					Refer to drawing: 6109 CoEx XL outlets
6110					Refer to drawing: 6110 Adj. Dispense Head 9XKA
60061					Refer to drawing: 60061 CoEx XL mounting frame
60062					Refer to drawing: 60062 CoEx XL brewer
					PARTS
6006-B	01		5MVL255	1	Dispenser Arm XNA
6006-B	02		5MVL258	1	Dispenser Arm XEA single decentral (left)
6006-B	03		5MVL257	1	Dispenser Arm XEA double central (middle)
6006-B	04		5KBR143	1	Mounting Adapter Dispenser Arm
6006-B	05		4BBG020	1	Retaining washer 3.2mm (stainless steel)
6006-B	06		5MMG001	2	Magnet 12mm
6006-B	07		4RDS003	1	Impact buffer
6006-B	08	SE	5KVL022	1	Outlet knee 107 grd d=10
6006-B	09	SE	5KVL041	1	Clamp ring outlet pipe
6006-B	10	SE	5KVL069	1	Outlet Shute CoEx XL double
6006-B	11		5KVL035	1	Outlet holder CoEx (XL)
6006-B	12		4KVL016	1	Outlet stop
6006-B	13	SE	5KVL059	1	Outlet Shute CoEx (XL) single
6006-B	14		5MVL242	1	Outlet Arm hinge pin
6006-B	15		5KBR145	1	Coffee Puck Guide
6006-B	16		5KBR144	1	Plug frame right (Nio only)
6006-B	17		5KBR146	1	Plug frame left (Nio only)

60061-A



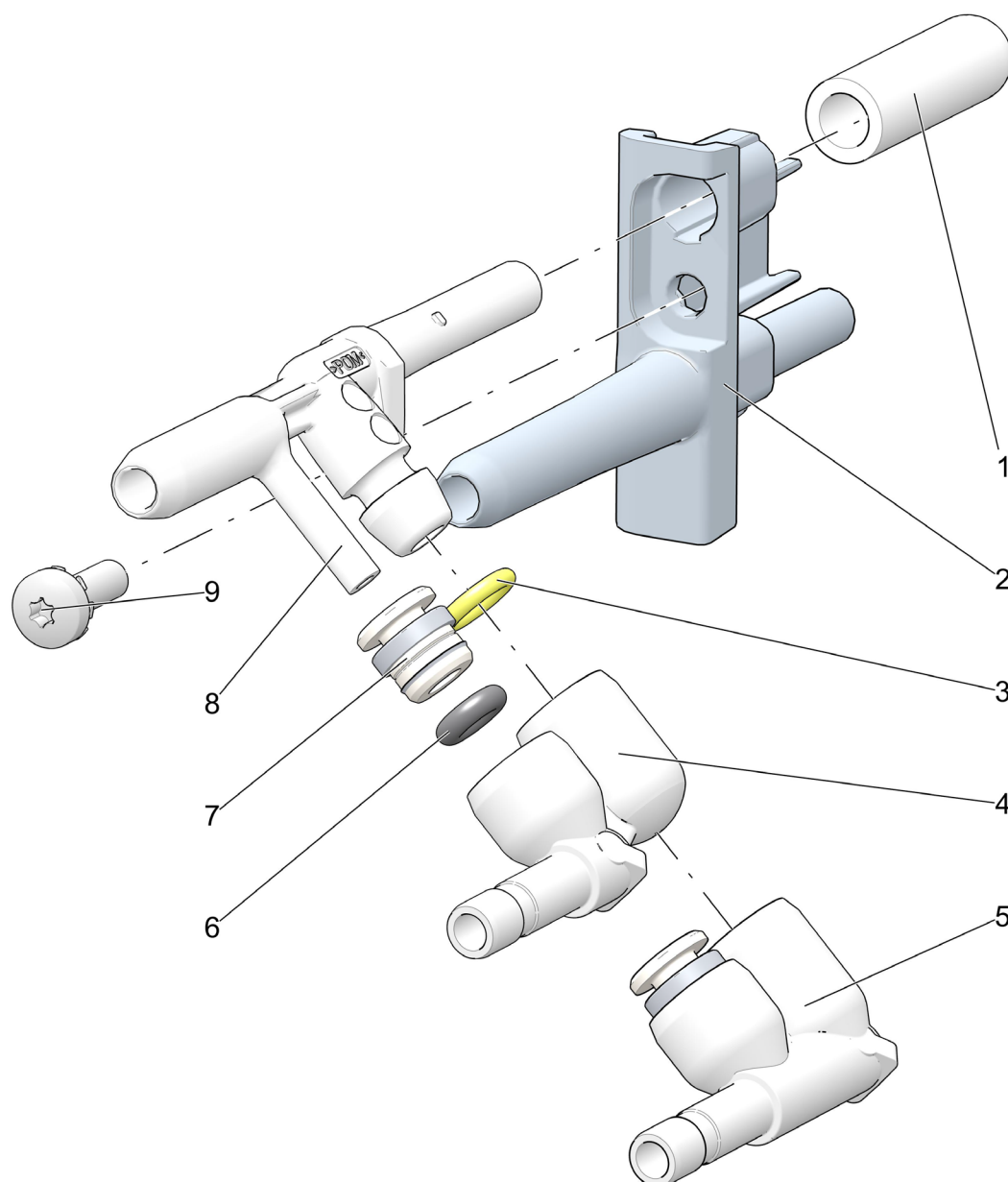
Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					REFERENCES
6006					Refer to drawing: 6006 CoEx XL Brewer Overview
6109					Refer to drawing: 6109 CoEx XL outlets
					SETS
60061-A			6ZBR115	1	CoEx XL Mounting Frame assy complete with motors and bracket <i>with items 1-12</i>
60061-A			6ZBR116	1	CoEx XL Back plate assy complete with motors <i>with items 1-3, 6, 7, 8, 9, 10</i>
					PARTS
60061-A	01		4EMT037	1	Flow regulator stepper motor
60061-A	02		4BKM068	1	Cable clamp adjustable
60061-A	03		4BSC036	3	Screw torx 3.5x13.5
60061-A	04	SE	9VUL019	1	Water Coupling <i>including O-ring (pos 5)</i>
60061-A	05		4ROR047	1	O-ring water inlet CoEx XL Brewer
60061-A	06		6CKB535	1	Wire harness CoEx XL
60061-A	07		5MBR084	1	Main motor mounting plate
60061-A	08		5EMT013	1	Brewer Motor CoEx XL
60061-A	09		4ESK055	1	Micro switch (brewer present detection)
60061-A	10		5MBR116	1	Back plate CoEx XL
60061-A	11		5KBR117	1	CoEx XL brewer bracket
60061-A	12	SE	4BBK032	4	Bolt with lock washer M4x12

60062-A

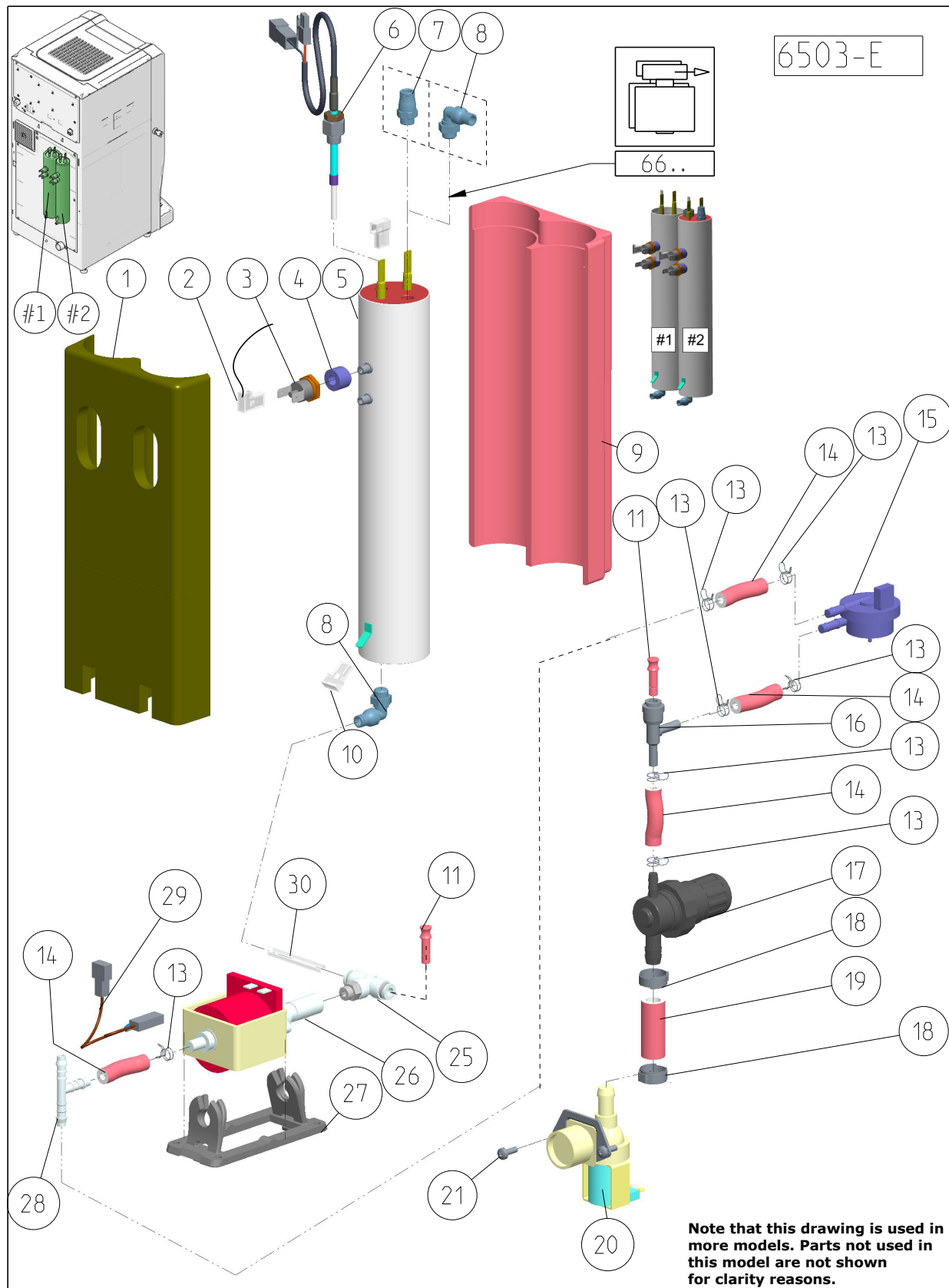


<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					SETS
60062-A	01		6ZBR106	1	CoEx XL brewer complete
60062-A	02		9ZBR065	1	CoEx XL service spare part set

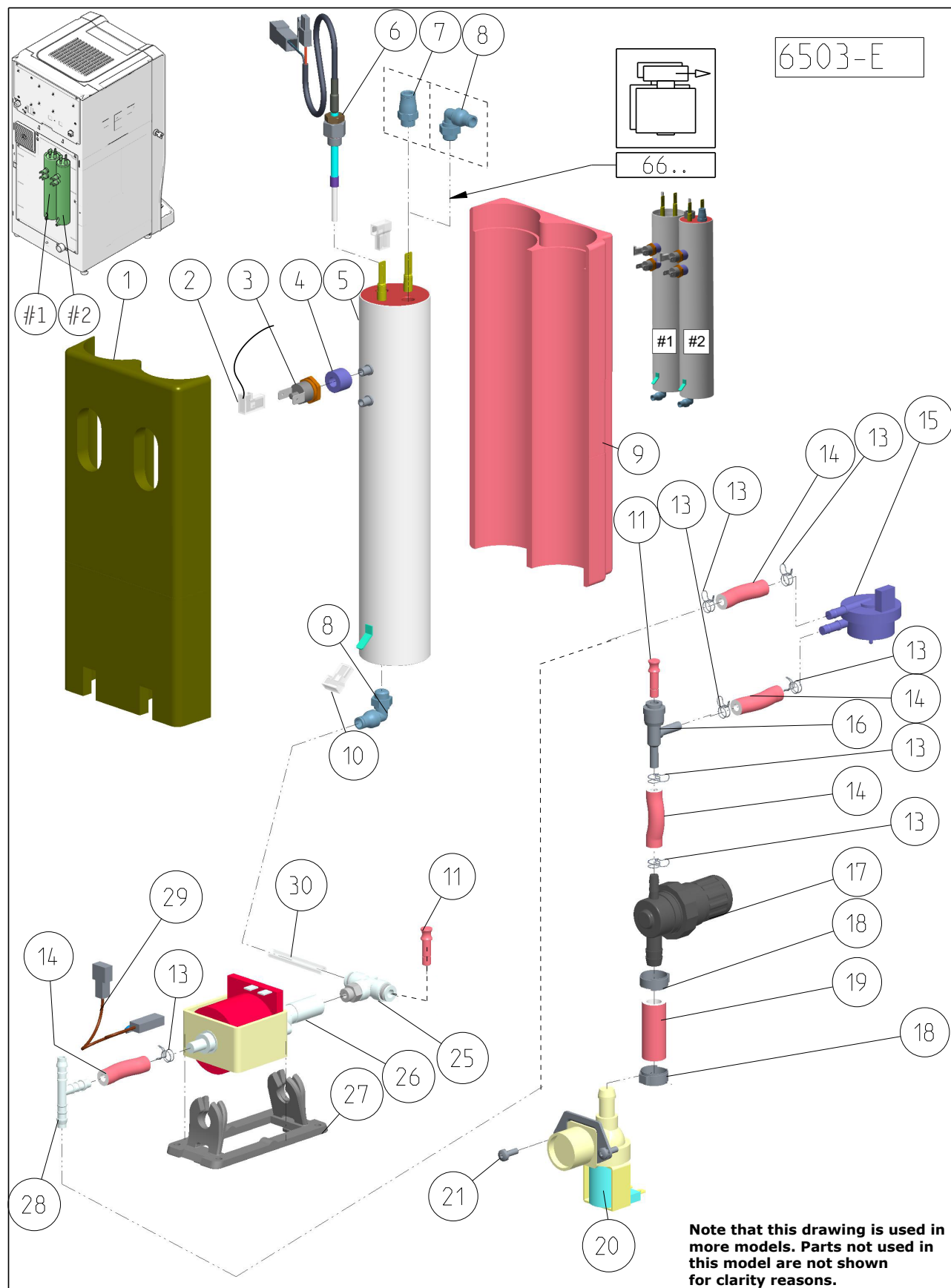
6109-B



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
					SETS
6109-B			6ZBR114	1	Drain + Coffee Outlet <i>with items 01-03, 05-07</i>
					PARTS
6109-B	01		4RDS004	1	Add-on water connector cap
6109-B	02		5KBR142	1	Drain outlet adapter
6109-B	03		4ROR041	1	O-ring 6,07x1,78
6109-B	04		6VDG005	1	Outlet coupling <i>with items 04 (5KBR193), 06 and 07</i>
6109-B	05		6VDG004	1	Outlet coupling with add-on water <i>with items 05 (5KBR141), 06 and 07</i>
6109-B	06		4ROR045	1	O-ring 3,6 x 2,4 FKM <i>Item not available separately - order pos 04 or 05</i>
6109-B	07		4KPF049	1	Push-in cartridge 4mm <i>Item not available separately - order pos 04 or 05</i>
6109-B	08		5KBR121	1	Coffee outlet adapter
6109-B	09	SE	4BBK032	1	Bolt with lock washer M4x12



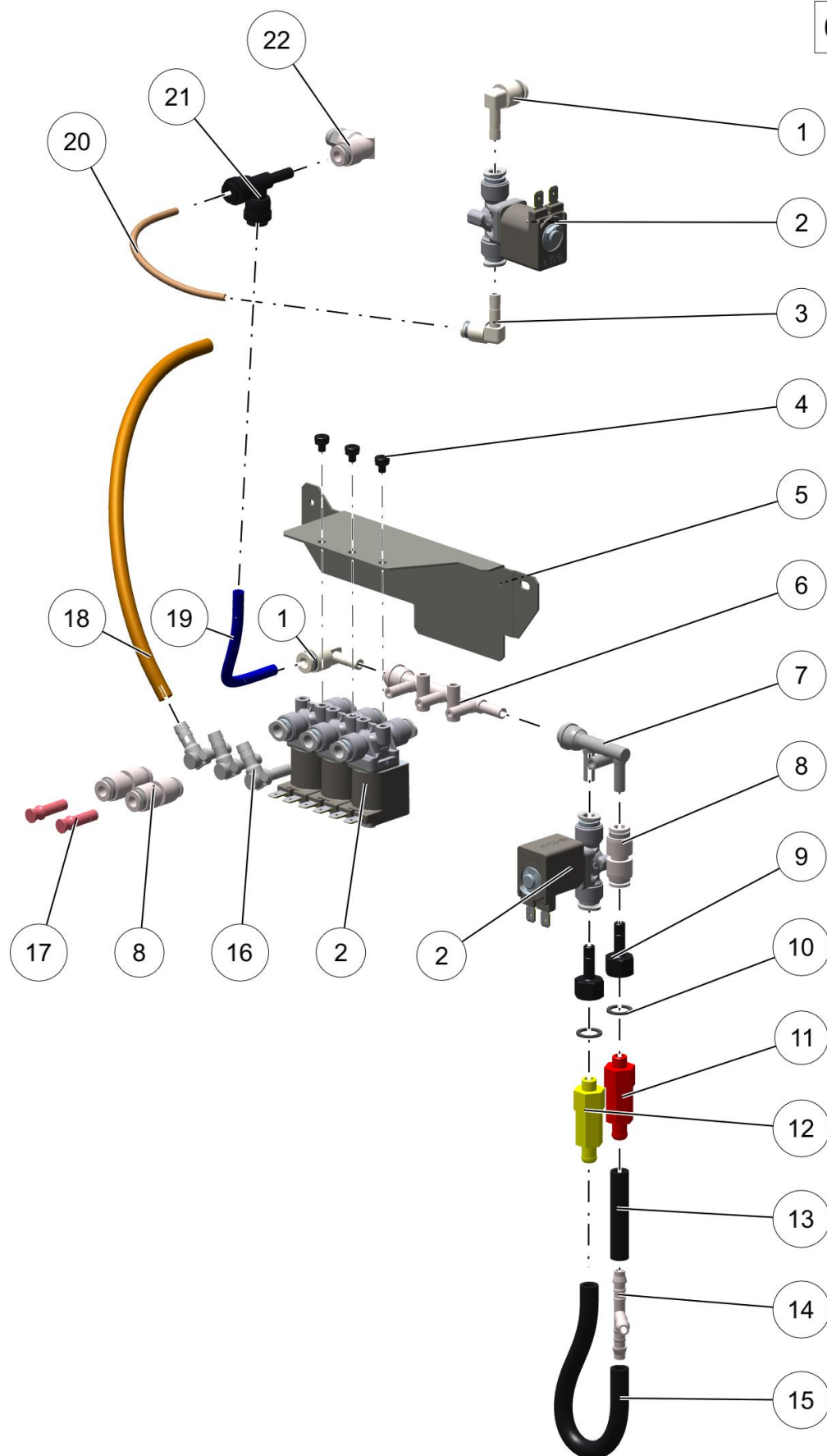
Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					REFERENCES
66..					Refer to drawing valves : 6607 XNA PPSU
					SETS - 230V - Pressure Boiler
			6VBL130		Pressure boiler (#1) 1660W / 230 VAC (2 clixons) assembly <i>with items: 3, 4, 5, 6, 8 (2 x 4KPF027)</i>
			6VBL113		Pressure boiler (#2) 1660W / 230 VAC (2 clixons) assembly <i>with items: 3, 4, 5, 6, 8 (1 x 4KPF027)</i>
			6VBL092-4		Pressure boiler 1660W / 230 VAC assembly <i>with items: 2, 3, 4, 5, 6, 7 (1 x 4MPF100), 8 (1 x 4KPF027) and 30</i>
					PARTS
6503-E	01		5KVL042	1	Front isolation for boilers
6503-E	02		6CKB288	2	Clixon phase wire
6503-E	03	SW	4EBV018	2	Temperature safety clixon 110+/-5°C
6503-E	04		5MVL037	2	Clixon spacer
6503-E	05	SW	6VBL117		Pressure boiler 1660W 230Vac
6503-E	05	SW	6VBL075		Pressure boiler 1200W 120Vac <i>US only</i>
6503-E	06	SE	6CSS059	2	Boiler temperature and level probe 135 mm <i>For 1660W boiler (6VBL117); check Information Bulletin IB-20210608 for more details</i>
6503-E	06	SE	6CSS037	2	Boiler temperature and level probe 90 mm <i>For 1400W boiler (6VBL071); check Information Bulletin IB-20210608 for more details</i>
6503-E	07		4MPF100		Quick connection straight 1/8bd sl6mm (PPSU-stainless steel)
6503-E	08	SE	4KPF027		Quick connection PPSU L 1/8bd sl6mm
6503-E	09		5KVL043	1	Back isolation for boilers
6503-E	10				Ground wire (from main wire harness)
6503-E	11		5MPF007	2	Plug 6mm
6503-E	12		n/a		
6503-E	13	SE	4MVR013	6	Hose clamp 11mm
6503-E	14	SE	4XSL037	2	Pressure hose 5x11
6503-E	15	SE	4ESE008	1	Water counter / Flow meter 1.8mm
6503-E	16		4KPF055	1	Quick connection PPSU T 6-6-sl6
6503-E	17	SE	4MVL011	1	Pressure reducer 0-2 bar
6503-E	18	SE	4BKM046	2	Hose clamp 18.5 R
6503-E	19	SE	4XSL050	1	Pressure hose 10x16 PVC
6503-E	20	SE	4EMV070	1	Inlet valve 24V DC with backflow protection
6503-E	21	SE	4BBK032	2	Bolt M4x12 and washer
6503-E	22		n/a		



<i>Drawing</i>	<i>Pos</i>	<i>S</i>	<i>Part Nr</i>	<i>Qty</i>	<i>Spare Part Description</i>
6503-E	23		n/a		
6503-E	24		n/a		
6503-E	25	SE	4KPF023	2	Push-in T fitting 1/8bd sl6mm (PPSU)
6503-E	26	SE	4EMT027		Pump 0-15bar
6503-E	27	SW	5RVA019		Rubber pump mounting
6503-E	28	SE	4KVL013		T-connector 4mm
6503-E	29	SE	6CKB511		Thermal cutout / temperature protection
6503-E	30	SE	4XSL035		Pressure tube 6mm
					HISTORY
6503-E	05	SW	6VBL071		Pressure boiler 1400W 230Vac Replaced by 6VBL117 from S/N 2021.14.0428.001; check Information Bulletin IB-20210608 for more details

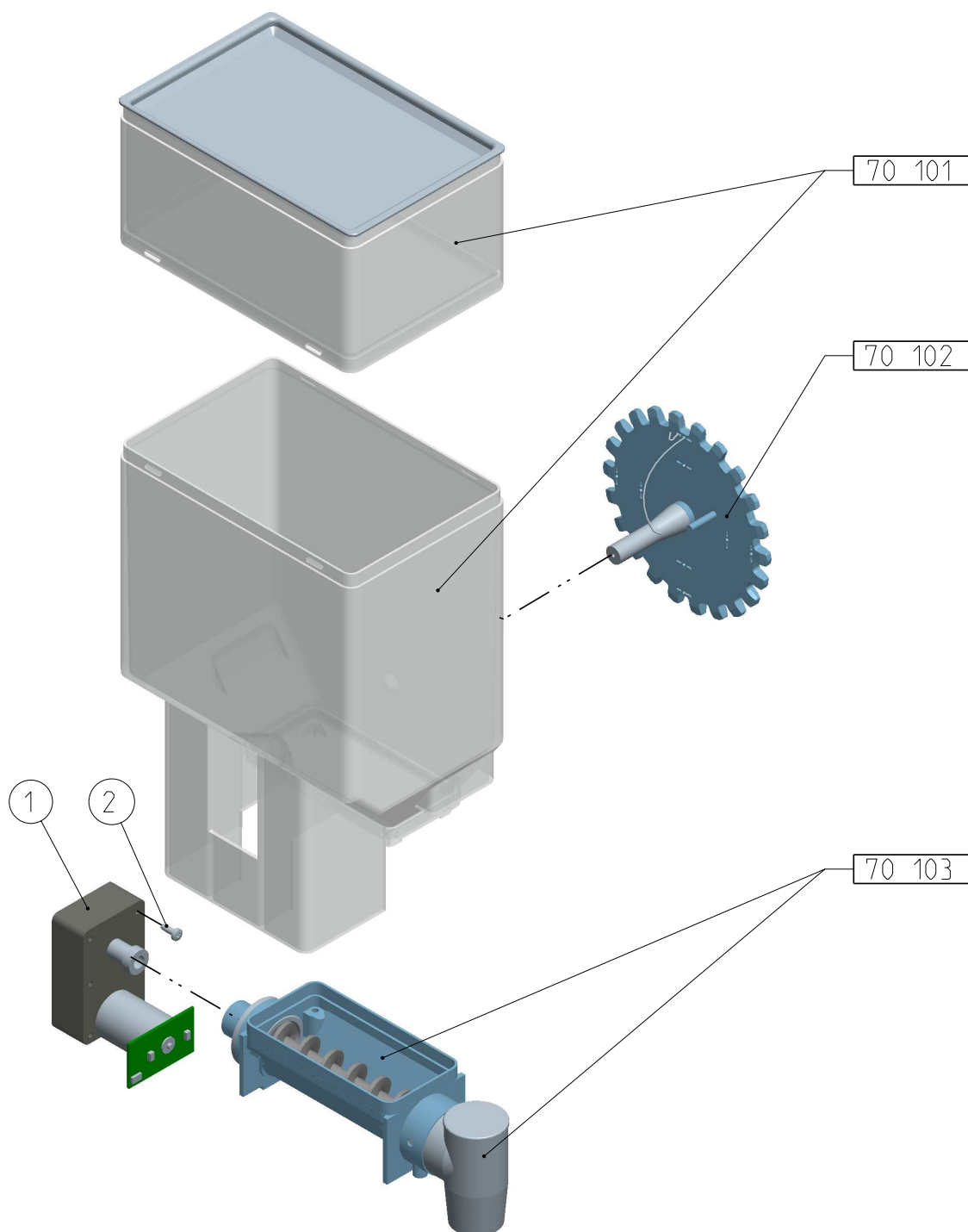
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available locally (SW) or as car stock (SE).

6607-A



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
6607-A	01		4KPF030	1	Quick Connection PPSU L pipe6-sl6
6607-A	02		4EMV062	4	Outlet Valve PPSU 2-way DN1,5/16bar
6607-A	03		4KPF053	1	Quick Connection PPSU L pipe6 sl4
6607-A	04		4BBK039	3	Bolt with lock washer M4x6 (Torx)
6607-A	05		5MVL243	1	Bracket for Valves PPSU CKA
6607-A	06		4KPF038	1	Manifold PPSU 3-out open
6607-A	07		4KPF036	1	Manifold PPSU 2-out closed
6607-A	08		4KPF025	1	Quick Connection PPSU straight sl6mm-sl6mm
6607-A	09		5MPF009	2	Push-in straight fitting G1/8bd sl6mm (stainless steel)
6607-A	10		4BPR031	2	Sealing ring fiber 10x14x1
6607-A	11		4MPF085	1	Safety Valve 12 bar (stainless steel 303)
6607-A	12		4MPF084	1	Safety Valve 2 bar (stainless steel 303)
6607-A	13		4XSL002	1	Silicone tube grey 6x10
6607-A	14		4KVL013	1	T-connector 4mm (POM)
6607-A	15		4XSL002	1	Silicone tube grey 6x10
6607-A	16		4KPF062	1	Hose coupling knee PPSU 6mm
6607-A	17		5MPF007	1	Plug 6mm
6607-A	18		4XSL001	1	Tube 4x8 grey
6607-A	19		4XSL035	1	Pressure Tube PTFE 6x4
6607-A	20		4XSL047	1	Pressure Tube 2x4mm
6607-A	21		4KPF059	1	Quick connection PPSU T pipe6-sl6-sl4
6607-A	22		4KPF027	1	Quick connection PPSU L 1/8bd sl6mm
HISTORY					

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car stock (SE).



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
70101					Refer to drawing 70101: Canister Body
70102					Refer to drawing 70102: Canister Wheel and Spring
70103					Refer to drawing 70103: Canister Spring
7010-B	01	SE	5EMT007	1	Powder motor 120 rpm 24VDC
7010-B	02		4BSC036	2	Cutting screw 3.5x9.5

Canister overview small & medium models

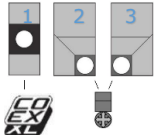
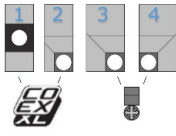
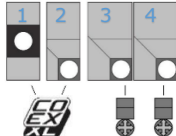
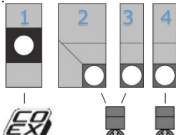
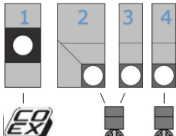
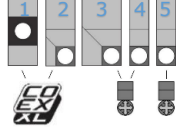
CANISTER OVERVIEW														
TYPE	ORD#NBR	INGREDIENT												
		BEANS	COFFEE	INSTANT COFFEE	DECAF COFFEE	INSTANT DECAF	SUGAR	SOUP	INSTANT TEA	TEA	TOPPING	CHOC	MILK	FRENCH VANILLA
	6DCN335	+												
	BEANS IN DOOR													
	9DCN088 *	+												
	BEAN CANISTER													
*) 9DCN088 also available with lock: 9DCN090 or with extension: 9DCN089 or extension with lock: 9DCN091														
58														
	9DCN100111			+										
	9DCN100113						+							
	9DCN100114								+					
	9DCN120113		+		+			+			+	+		
	9DCN101111			+		+				+				
	9DCN101113						+							
	9DCN101114								+					
	9DCN121113		+		+			+			+	+	+	+
88														
	LEFT													
	9DCN320113		+									+		
	9DCN201111			+										
	9DCN220113		+											
	9DCN221113							+			+	+		
	LEFT													
	9DCN321113										+	+		
118														
	9DCN420113										+	+		
	9DCN401111			+										
	9DCN401113						+							
	9DCN421113		+		+						+	+		
	LEFT													
	9DCN520113		+								+	+		
	LEFT													
	9DCN521113		+								+	+		
174														
	9DCN620113		+								+	+		
	9DCN601111			+										
	9DCN621113		+											
	9DCN621123		+											

O:\Duke\Afdelingen\Aftersales\02- Knowledge Base\# AS&CS_Documentation\Doc_Genera\Canister Configurations\CANISTER_CONFIGURATIONS_OVERVIEW_9DCNx_9CKA_V11.docx

VISIBLE BEAN CANISTER																
#	1	2	3	4	6	7	INGREDIENT	ORD# CAN.	ORD# OUTLET							
18123 120 - 45	1	BC					BEANS	9DCN088*	6DUL011***							
	2		118				TOPPING	9DCN520113	5KPD041+5KPD039							
	3			118			CHOC	9DCN420113	5KPD042+5KPD039							
18124AL 202 - 256	1	BC					BEANS	9DCN088*	6DUL011***							
	2		58				COFFEE	9DCN120113	6DUL012							
	3			118			CHOC	9DCN520113	5KPD041+5KPD039							
	4				58		TOPPING	9DCN120113	5KPD042+5KPD039							
18133 111 - 246	1	BC					BEANS	9DCN088*	6DUL011***							
	2		118				CHOC	9DCN520113	5KPD016+5KPD039							
	3			118			TOPPING	9DCN520113	5KPD016+5KPD039							
18134 121 - 1456	1	BC					BEANS	9DCN088*	6DUL011***							
	2		118				CHOC	9DCN520113	5KPD041+5KPD039							
	3			58			TOPPING	9DCN120113	5KPD042+5KPD039							
	4A						I-COFFEE	9DCN100111	5KPD016+5KPD039							
	4B	58					SUGAR	9DCN100113	5KPD016+5KPD039							
	4C						SOUP	9DCN120113	5KPD016+5KPD039							
18135 221 - 2456	1	BC					BEANS	9DCN088*	6DUL011***							
	2		58				COFFEE	9DCN120113	6DUL012							
	3			58			CHOC	9DCN120113	5KPD041+5KPD039							
	4				58		TOPPING	9DCN120113	5KPD042+5KPD039							
	5					58	SUGAR	9DCN100113	5KPD016+5KPD039							
18223 210 - 5	1	BC					BEANS1	9DCN088*	6DUL011							
	2		BC				BEANS2	9DCN088*	5KPD017+039***							
	3			118			CHOC	9DCN420113	5KPD016+5KPD039							
18224 202 - 56	1	BC					BEANS1	9DCN088*	6DUL011***							
	2		BC				BEANS2	9DCN088*	5KPD017+039***							
	3			58	**		CHOC	9DCN120113	5KPD041+5KPD039							
	3			88	**		CHOC	9DCN320113	5KPD041+5KPD039							
	4				58		TOPPING	9DCN120113	5KPD042+5KPD039							
18234 211 - 56	1	BC					BEANS1	9DCN088*	6DUL011***							
	2		BC				BEANS2	9DCN088*	5KPD017+039***							
	3			58	**		CHOC	9DCN120113	5KPD016+5KPD039							
	3			88	**		CHOC	9DCN320113	5KPD016+5KPD039							
	4				58		TOPPING	9DCN120113	5KPD016+5KPD039							
*) 9DCN088 also available with lock: 9DCN090 or with extension: 9DCN089 or extension with lock: 9DCN091																
**) 182x4 models; s/n>2021.35.XXXX.001 with D-grinders -> 3rd canister 88mm instead of 58mm.																
***) When the D-grinder is installed use the 5KBN028 (outlet) and the 5KBN029 (can)																

*) 9DCN088 also available with lock: 9DCN090 or with extension: 9DCN089 or extension with lock: 9DCN091
 **) 182x4 models: s/n>2021.35.XXXX.001 with D-grinders -> 3rd canister 88mm instead of 58mm.
 ***) When the D-grinder is installed use the 5KBN028 (outlet) and the 5KBN029 (cap)

9XNA BEANS IN DOOR

	#	1	2	3	4	6	7	INGREDIENT	ORD#	CAN.	ORD#	OUTLET
18123 120 – 45 	1	BD						BEANS	6DCN335		6DUL024***	
	2		118					TOPPING	9DCN520113		5KPD041+5KPD039	
	3			118				CHOC	9DCN420113		5KPD042+5KPD039	
18124A 220 – 245 	1	BD						BEANS	6DCN335		6DUL024***	
	2		88					COFFEE	9DCN320113		6DUL026	
	3			118				CHOC	9DCN520113		5KPD041+5KPD039	
	4				118			TOPPING	9DCN420113		5KPD042+5KPD039	
18134 211 – 246 	1	BD						BEANS	6DCN335		6DUL024***	
	2		88					COFFEE	9DCN320113		6DUL026	
	3			118				CHOC	9DCN520113		5KPD016+5KPD039	
	4				118			TOPPING	9DCN520113		5KPD016+5KPD039	
18134 121 – 456 	1	BD						BEANS	6DCN335		6DUL024***	
	2		118					TOPPING	9DCN520113		5KPD041+5KPD039	
	3			58				CHOC	9DCN120113		5KPD042+5KPD039	
	4A							SOUP	9DCN120113		5KPD016+5KPD039	
	4B				58			I-COFFEE	9DCN100111		5KPD016+5KPD039	
18134 121 – 456 	1	BD						BEANS	6DCN335		6DUL024***	
	2		118					CHOC	9DCN520113		5KPD041+5KPD039	
	3			58				TOPPING	9DCN120113		5KPD042+5KPD039	
	4A							I-COFFEE	9DCN100111		5KPD016+5KPD039	
	4B				58			SUGAR	9DCN100113		5KPD016+5KPD039	
18135 221 – 2456 	1	BD						BEANS	6DCN335		6DUL024***	
	2		88					COFFEE	9DCN320113		6DUL026	
	3			118				CHOC	9DCN520113		5KPD041+5KPD039	
	4				58			TOPPING	9DCN120113		5KPD042+5KPD039	
	5A							SOUP	9DCN120113		5KPD016+5KPD039	
	5B							SUGAR	9DCN100113		5KPD016+5KPD039	
	5C							I-COFFEE	9DCN100111		5KPD016+5KPD039	

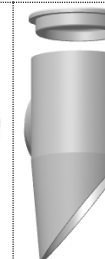
9xna-2-2

***) When the D-grinder is installed use the 5KBN028 (outlet) and the 5KBN029 (cap)

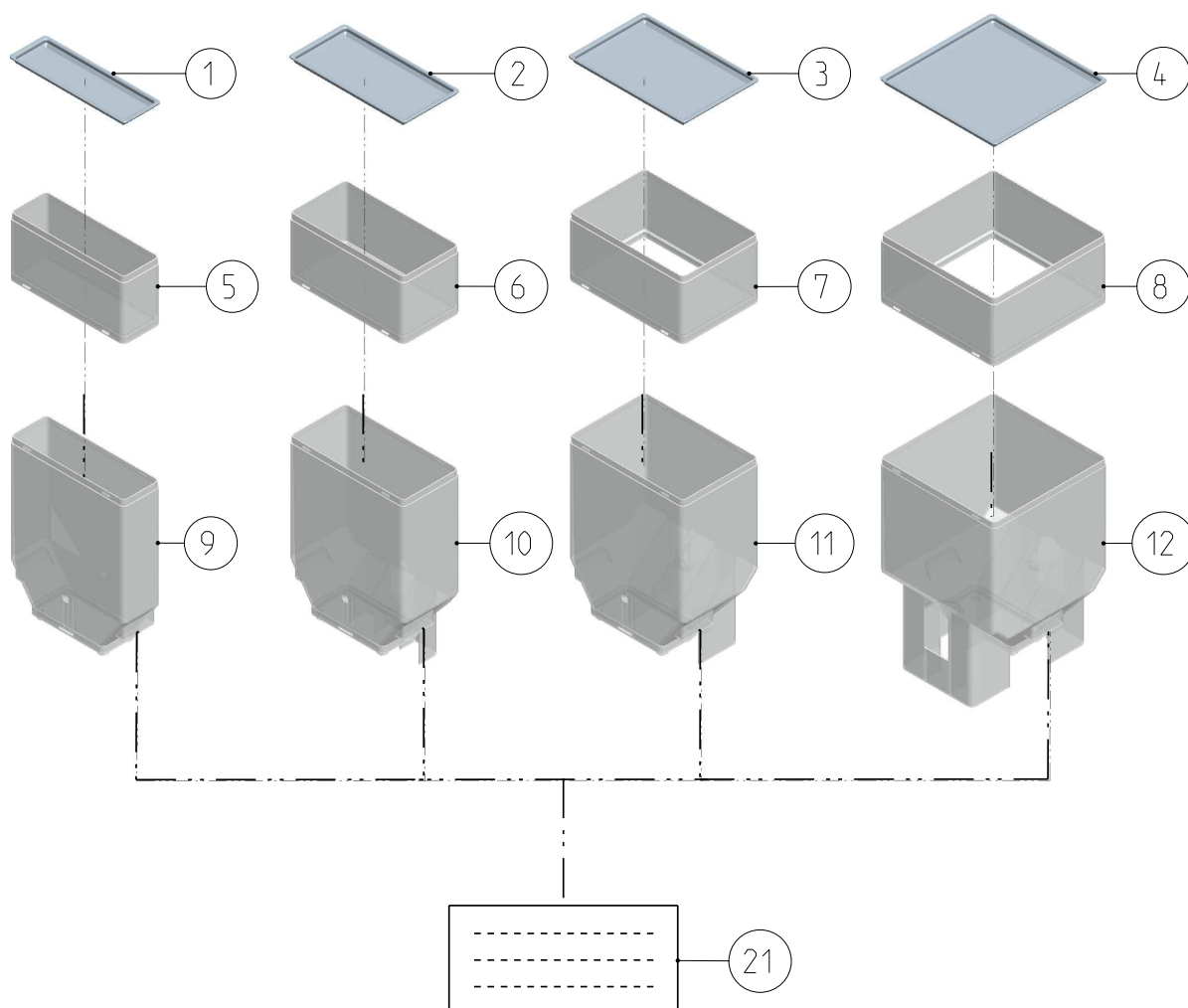
LEGEND											
	#	1	2	3	4	6	7	8	INGR.	ORD# CAN.	ORD# OUTLET
CANISTERS CONFIGURATION	POSITION AND WIDTH OF CANISTER IN MACHINE								INGREDIENT FOR THIS CANISTER	ORDER NUMBER FOR THIS CANISTER	ORDER NUMBER FOR OUTLETS BASED ON POSITION OF CANISTER

SYMBOLS			INGREDIENTS
	BD = BEANS IN DOOR		COEX BREWER
	BC = BEAN CANISTER		COEX XL BREWER
			UNI-BREWER
			TEA BREWER
			MIXER
			BEANS = WHOLE BEANS COFFEE = GROUND COFFEE CHOC = CHOCOLATE TOP. = TOPPING DECAF = DECAFFEINATED COFFEE I-DECAF = INSTANT DECAFFEINATED COFFEE I-COFFEE = INSTANT COFFEE I-TEA = INSTANT TEA M-TOPPING = MILK TOPPING TEA = LEAF TEA

6DUL006 L=101	6DUL008 L=101	6DUL009 L=87	6DUL011 L=134	6DUL012 L=80	6DUL014 L=105	6DUL016 L=70	6DUL017 L=110	5KBN028 * L=128
								 D-grinder only

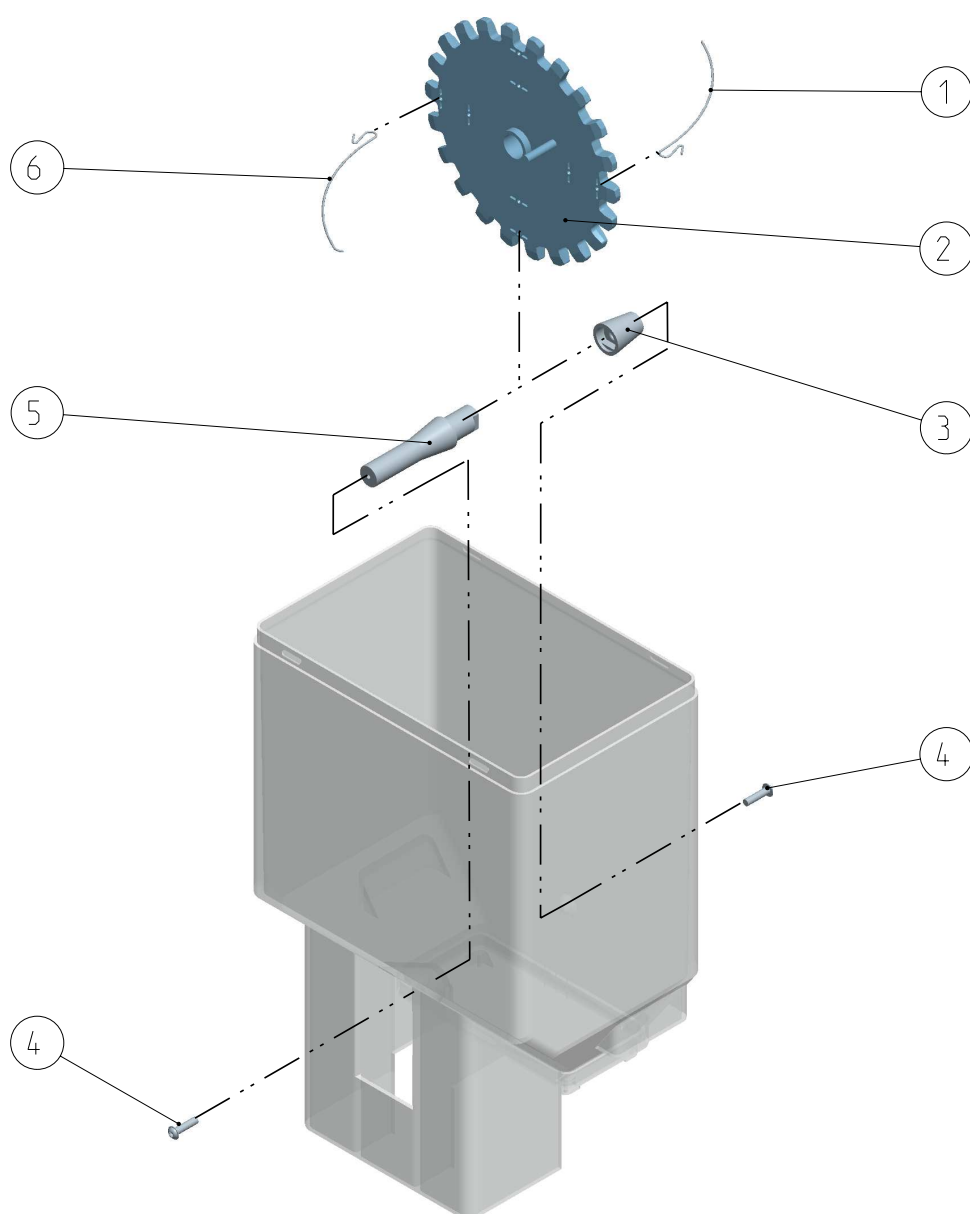
6DUL020 L=122	6DUL023 L=137	6DUL024 L=123	6DUL026 L=74	5KPD016 * L=63	5KPD017 * L=143	5KPD041 * L=63	5KPD042 * L=63	5KPD005 * L=n/a
								

***) IMPORTANT:** Outlets 6DUL* are delivered including the cap. But when ordering canister outlets 5KPD* do not forget to order cap 5KPD039 and when ordering canister outlet 5KBN028 do not forget to order cap 5KBN029.



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
70101-C	01		5KPD028		Lid B=58mm / 2 1/4"
70101-C	02		5KPD029		Lid B=88mm / 3 1/2"
70101-C	03		5KPD030		Lid B=118mm / 4 5/8"
70101-C	04		5KPD031		Lid B=174mm / 6 7/8"
70101-C	05		5KPD024		Extension piece B=58mm
70101-C	06		5KPD025		Extension piece B=88mm / 3 1/2"
70101-C	07		5KPD026		Extension piece B=118mm
70101-C	08		5KPD027		Extension piece B=174mm
70101-C	09		5KPD019		Canister body B=58mm / 2 1/4"
70101-C	10		5KPD020		Canister body B=88mm / 3 1/2"
70101-C	11		5KPD021		Canister body B=118mm / 4 5/8"
70101-C	12		5KPD022		Canister body B=174mm / 6 7/8"
70101-C	21		TP342		Sticker Coffee 1
70101-C	21		5TAG074		Sticker Coffee 2
70101-C	21		5TAG071		Sticker Instant Coffee
70101-C	21		TP344		Sticker Decaf
70101-C	21		TP347		Sticker Milk
70101-C	21		5TAG026		Sticker Topping
70101-C	21		TP349		Sticker Cappuccino
70101-C	21		TP348		Sticker Sugar
70101-C	21		5TAG072		Sticker French Vanille
70101-C	21		TP346		Sticker Tea
70101-C	21		TP343		Sticker Chocolate
70101-C	21		TP345		Sticker Soup 1
70101-C	21		5TAG075		Sticker Soup 2
70101-C	21	SW	5TAG068		All the stickers

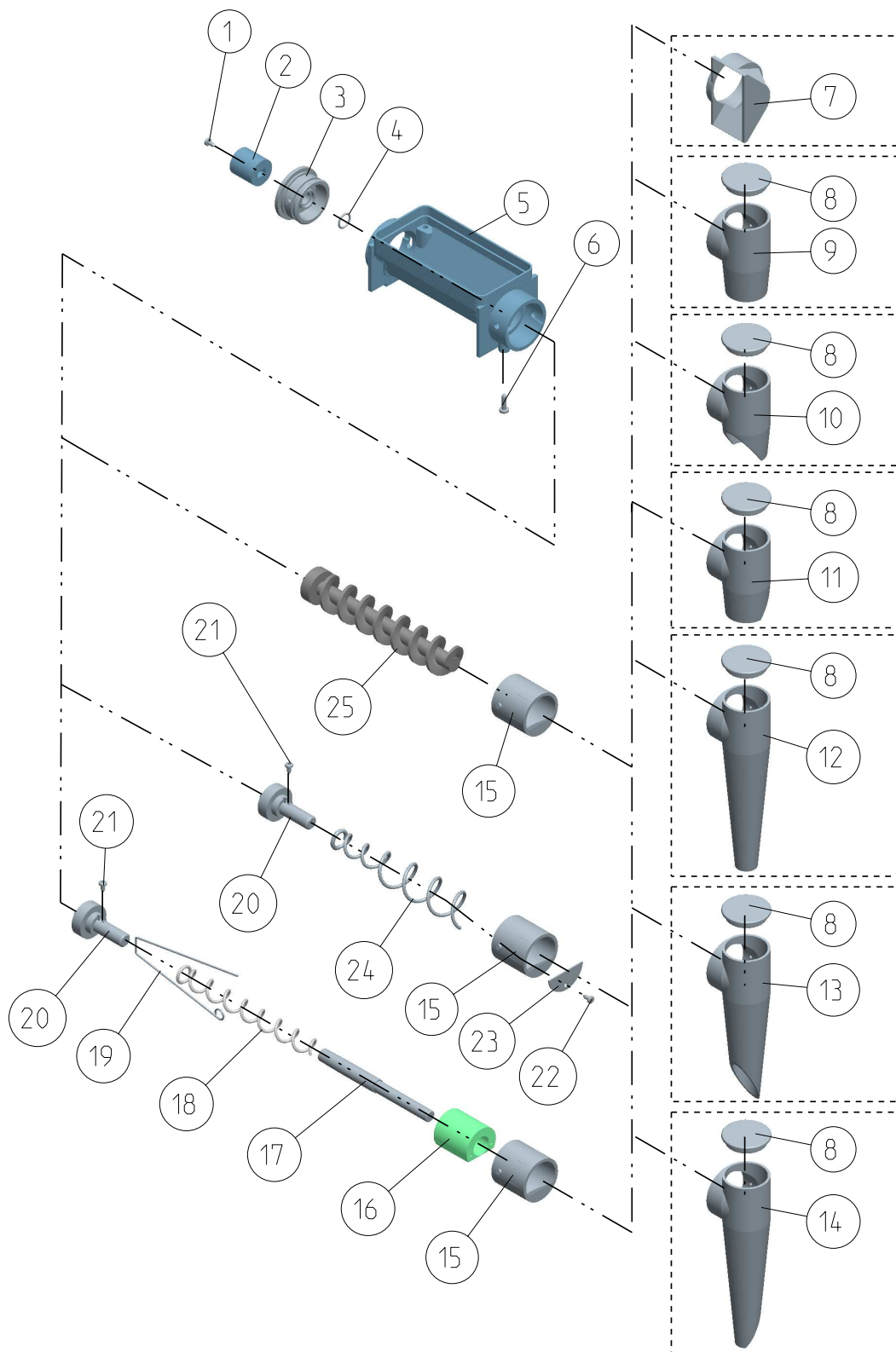
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car stock.(SE)



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
70102-B		SW	9DCN085	1	Agitator set for canister 60,90,120 and 180mm with items 1, 2, 6 (4x 5MPD064 , 2x 5MPD065)
Canister 60mm					
70102-B	01		5MPD065	1	Spring container wheel short D=1 mm
70102-B	02		5KPD056	1	Agitator wheel
70102-B	03		5KPD048	1	Axis for auger wheel short
70102-B	04		4BSC013	2	Retaining screw 3.5x25
70102-B	05		5KPD049	1	Axis for auger wheel long
70102-B	06		5MPD065	1	Spring container wheel short D=1 mm
Canister 90mm					
70102-B	01		5MPD065	1	Spring container wheel short D=1 mm
70102-B	02		5KPD056	1	Agitator wheel
70102-B	03		5KPD048	1	Axis for auger wheel short
70102-B	04		4BSC013	2	Retaining screw 3.5x25
70102-B	05		5KPD050	1	Axis for auger wheel long
70102-B	06		5MPD064	2	Spring container wheel long D=1 mm
Canister 120mm					
70102-B	01		5MPD065	1	Spring container wheel short D=1 mm
70102-B	02		5KPD056	1	Agitator wheel
70102-B	03		5KPD048	1	Axis for auger wheel short
70102-B	04		4BSC013	2	Retaining screw 3.5x25
70102-B	05		5KPD050	1	Axis for auger wheel long
70102-B	06		5MPD064	2	Spring container wheel long D=1 mm
Canister 180mm					
70102-B	01		5MPD064	2	Spring container wheel long D=1 mm
70102-B	02		5KPD056	1	Agitator wheel
70102-B	03		5KPD047	1	Axis for auger wheel short
70102-B	04		4BSC013	1	Retaining screw 3.5x25
70102-B	04		4BSC031	1	Retaining screw 4x60
70102-B	05		5KPD050	1	Axis for auger wheel long
70102-B	06		5MPD064	2	Spring container wheel long D=1 mm

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car (SE) stock.

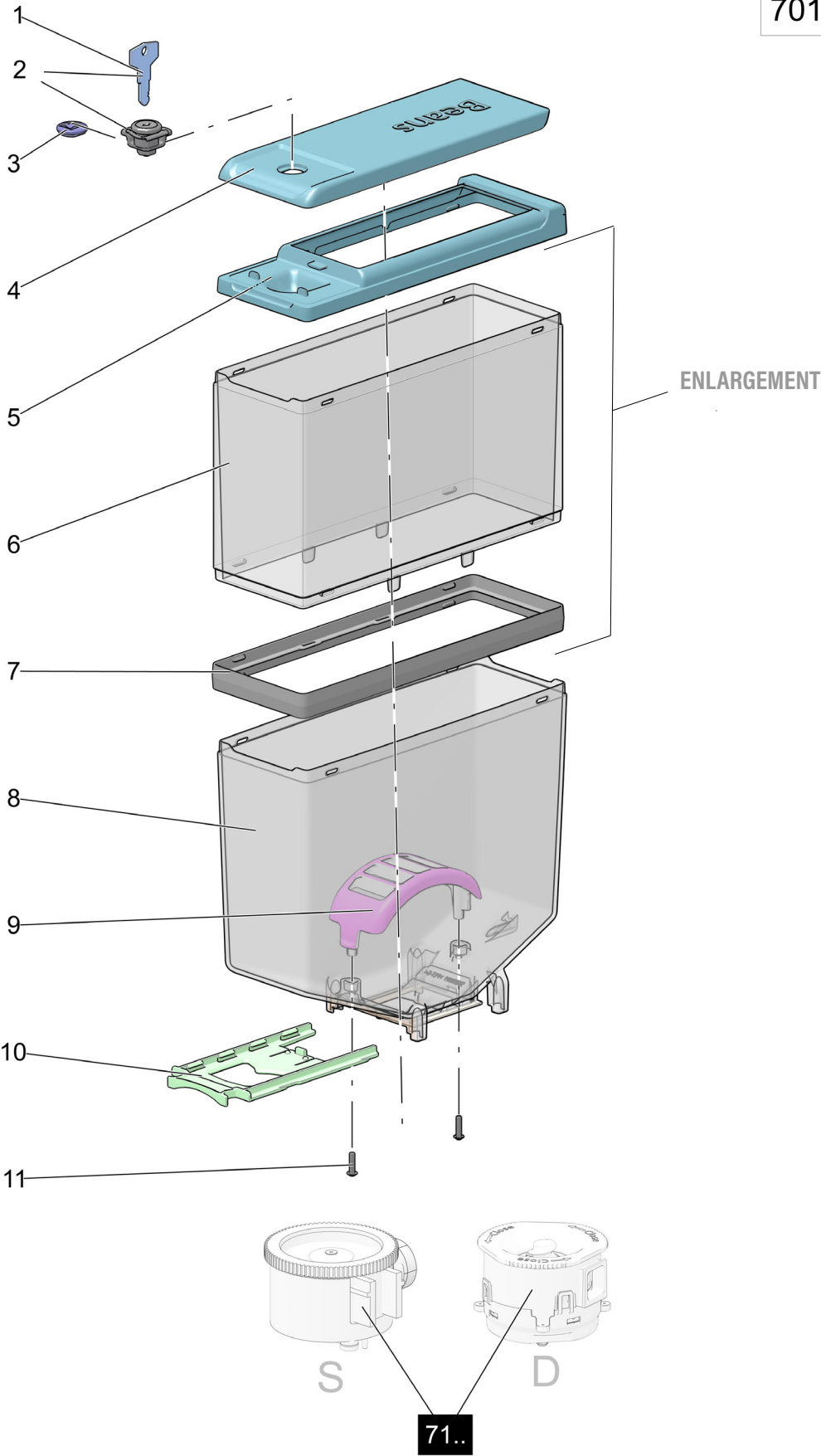
70103-D



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
70103-D	01		4BSC019		Screw 2.9x6.5
70103-D	02		5KPD009		Driver canister (female)
70103-D	03		5KLG002		Canister Bearing
70103-D	04		4ROR007		O-Ring 9.5x1.4
70103-D	05		5KPD055		Canister base
70103-D	06		4BSC003		Screw 9,5x13 <i>Not used anymore</i>
70103-D	07		5KPD005		Outlet canister nozzle side outlet
70103-D	08		5KPD039		Outlet canister nozzle cap
70103-D	09		5KPD016		Outlet canister nozzle short
70103-D	10		5KPD042		Outlet canister nozzle short right
70103-D	10		6DUL016		Outlet canister nozzle short right
70103-D	11		5KPD041		Outlet canister nozzle short left
70103-D	12		5KPD017		Outlet canister nozzle long
70103-D	12		6DUL011		Outlet grinder 9CND, 9CEC
70103-D	12		6DUL026		Outlet canister 9CND
70103-D	12		6DUL012		Outlet canister pipe 9CND-K2/ 9CEC-K1/2
70103-D	12		6DUL020		Outlet grinder pipe left 9FND
70103-D	12		6DUL024		Outlet grinder door virtu 80 127mm
70103-D	13		6DUL008		Dispensing nozzle long, mixer right 9FEC, 9IEA
70103-D	14		6DUL009		Outlet canister for mixer left 9FND, 9CEC
70103-D	14		6DUL006		Outlet canister (long) side outlet <i>left mixer 9FEC, tea 9CEC</i>
70103-D	15		5KPD044		Hopper outlet tube Short
70103-D	16		5KPD038		Insert for outlet
70103-D	17		5MPD067		Axis stainless steel for instant Tea <i>Not used anymore</i>
70103-D	18		5MPD086		Metal auger Short Ø12mm for instant Tea
70103-D	18		5MPD045		Metal auger Short Ø14.5mm for instant Coffee / Milk / Tea
70103-D	19		5MPD048		Metal spring auger Short for instant Milk
70103-D	20		5KPD036		Metal auger drive
70103-D	21		4BSC001		Sheet metal screw 2.9x6.5
70103-D	22		4BSC001		Sheet metal screw 2.9x6.5
70103-D	23		5MPD099		Shield plate for powder Topping / Choco
70103-D	24		5MPD100		Metal auger Ø23mm for powder Topping / Choco
70103-D	25		5KPD010		Auger Plastic Short Ø23mm for powder Topping / Choco / Sugar / Soup / Milk)

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car (SE) stock.

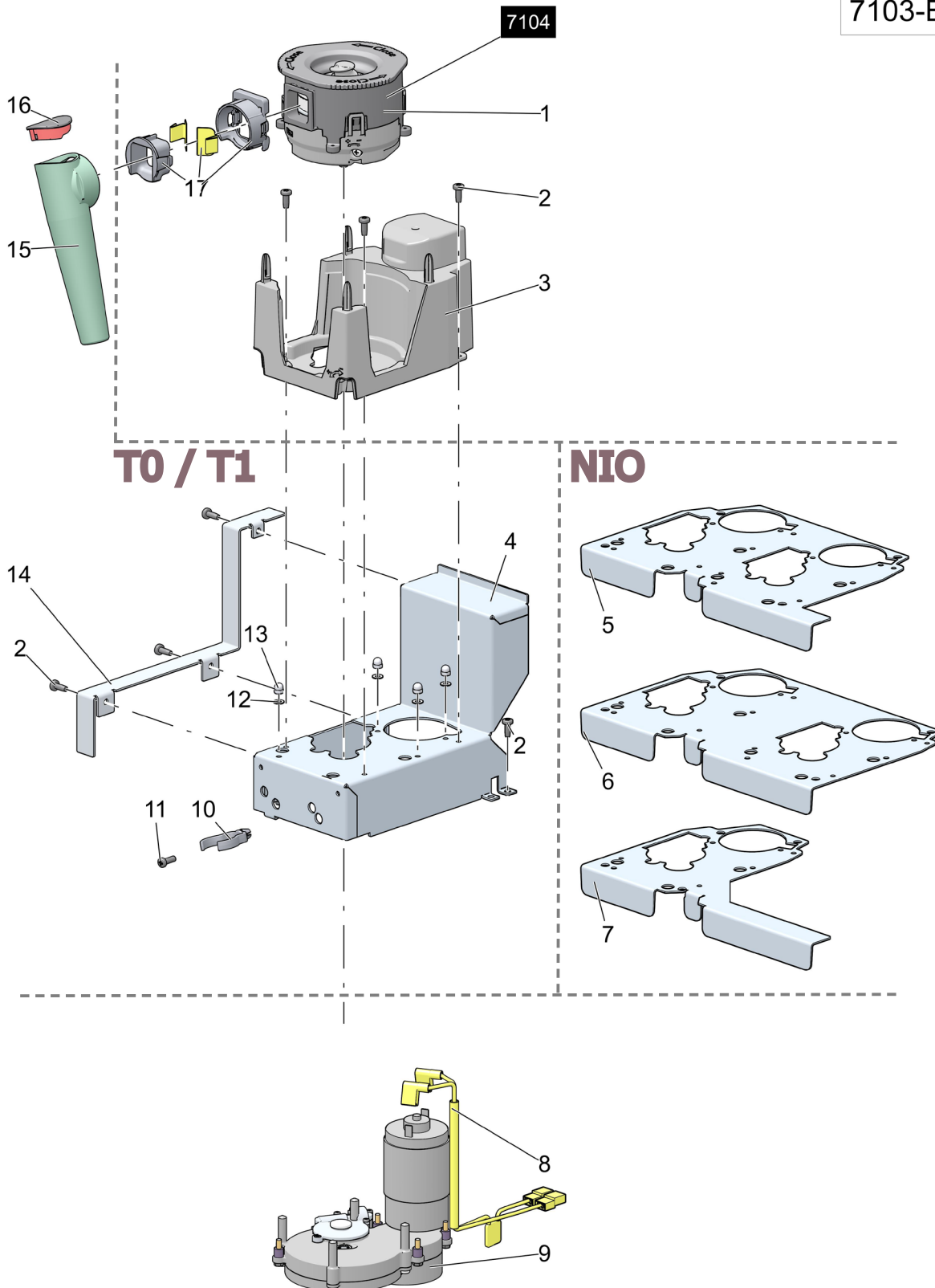
7015-B



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					REFERENCES
71..					Refer to drawing : - 7102 S-Grinder - 7103 D-Grinder
					SETS
7015-B		SW	9DCN088	1	Complete canister <i>with items 3, 4, 5, 8, 9, 10, 11</i>
7015-B		SW	9DCN090	1	Complete canister with lock <i>with items 1, 2, 4, 5, 8, 9, 10, 11</i>
7015-B		SW	9DCN089	1	Complete canister with enlargement <i>with items 3, 4, 5, 6, 7, 8, 9, 10, 11</i>
7015-B		SW	9DCN091	1	Complete canister with enlargement and lock <i>with items 1, 2, 4, 5, 6, 7, 8, 9, 10, 11</i>
			9DCN092	1	Enlargement + fitting <i>with items 6 and 7</i>
					PARTS
7015-B	01	SW	4MHS031		Key for lock 4MHS030
7015-B	02	SW	4MHS030	1	Lock with key
7015-B	03		5RDK004	1	Stop for lid
7015-B	04		5KBN011	1	Lid
7015-B	05		5KBN010	1	Lid base
7015-B	06		5KBN013	1	Enlargement
7015-B	07		5KBN012	1	Enlargement fitting
7015-B	08		5KBN009	1	Canister base
7015-B	10		5KBN002	1	Canister locking slider
7015-B	09		5KBN034	1	Grinder shielding <i>Note: part will only fit in canisters in machines, produced from s/n:2020.42.5969.001</i>
7015-B	11		4BSC036	2	Screw torx 3.5x13.5
			HISTORY		
7015-B	08		5KBN009	1	Canister base <i>Replaced by 5KBN009 Canister base with grinder shielding from s/n: 2020.42.5969.001</i>

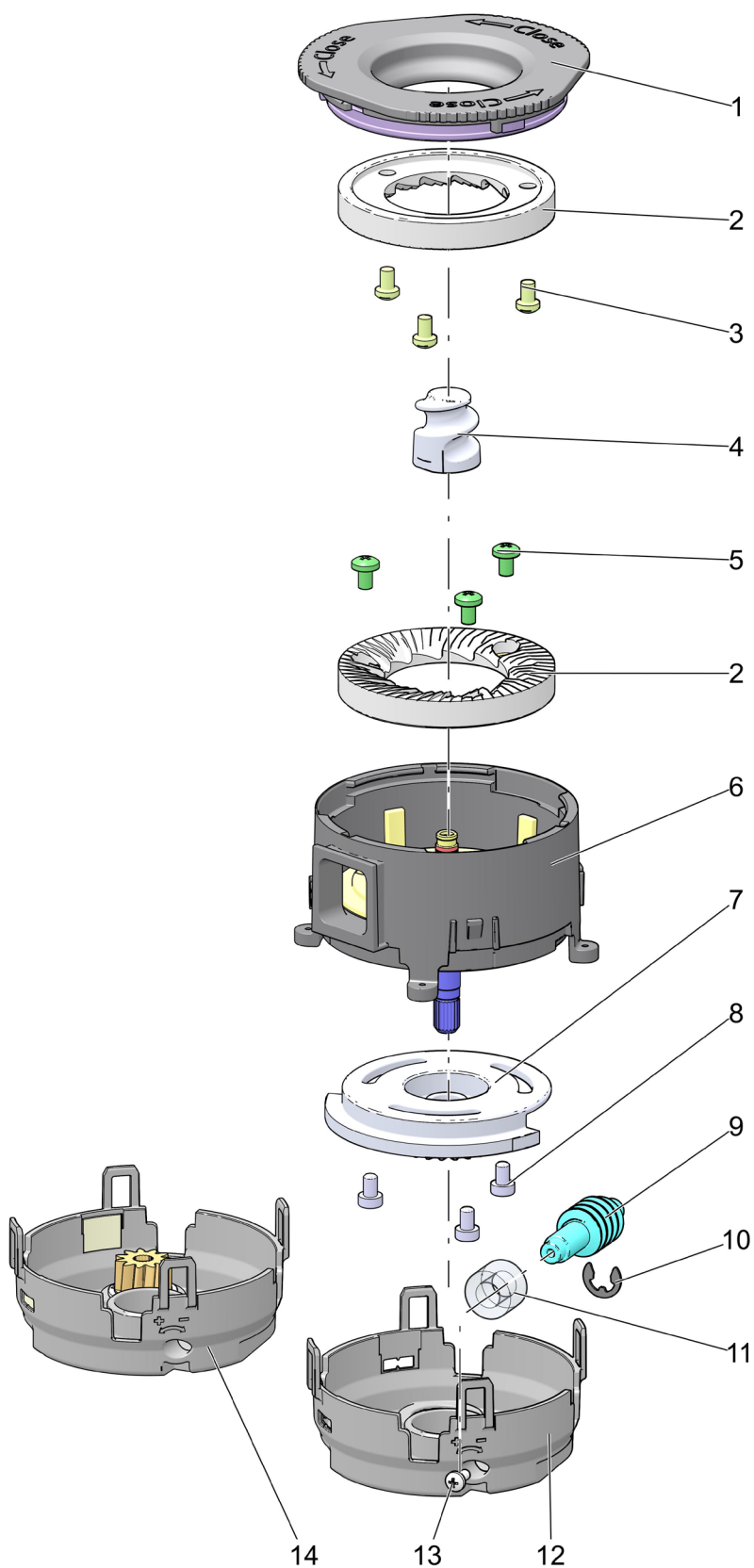
- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car stock (SE).

7103-B



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					REFERENCES
7104					Refer to drawing: 7104 D-grinder
					SETS
7103-B		SW	9GES120		Set of 2 D-Grinder discs <i>no screws included</i>
7103-B			6KGR007		D-Grinder with motor - manual adjustment <i>with item 01 and 09</i>
7103-B			9GES121		D-Grinder complete with motor and frame - manual adjustment <i>with items 01 - 04, 08 - 17 except item 14</i>
					PARTS
7103-B	01		9GES038	1	D-Grinder only - manual adjustment <i>with item 14</i>
7103-B	02		4BSC022	7	Screw 3,5x9,5
7103-B	03		5KBN027	1	D-Grinder base
7103-B	04		5MBN006	1	D-Grinder frame <i>(T0 and T1 models only)</i>
7103-B	05		5MBN013	1	D-Grinder mounting bracket Nio double bean canister
7103-B	06		5MBN012	1	D-Grinder mounting bracket Nio 2 bean canister
7103-B	07		5MBN011	1	D-Grinder mounting bracket Nio 1 bean canister
7103-B	08		6CKB533	1	D-Grinder cable
7103-B	09		n/a	1	D-Grinder motor and gear box <i>only available as set, see above</i>
7103-B	10		5KBN041	1	Outlet guide <i>(T0 and T1 models only)</i>
7103-B	11		4BSC055	1	Screw 3.5x10 (stainless steel)
7103-B	12		4BPR004	3	Washer M3 <i>only used in production with item 13 - 4BMZ051</i>
7103-B	13		4BMZ051	3	Acorn nut M3
7103-B	13		5BMZ002	3	Acorn nut M3 - long tread
7103-B	14		5MBN007	1	D-Grinder filler plate
7103-B	15		5KBN028	1	Outlet
7103-B	16		5KBN029	1	Outlet cap
7103-B	17		9DCN097	1	D-Grinder outlet adapter set complete

7104-B

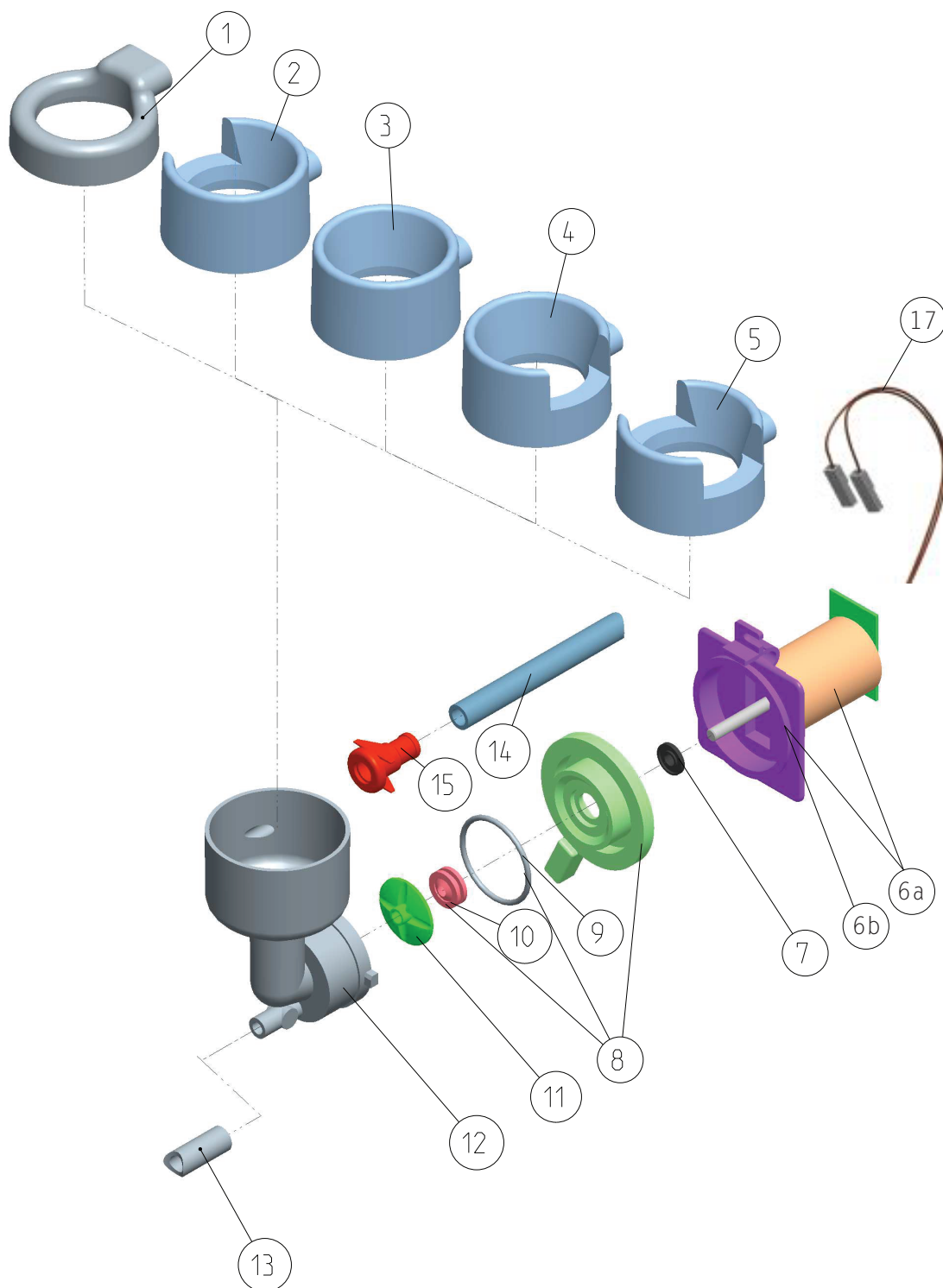


Drawing	Pos	S	Part Nr	Qty	Spare Part Description
					SETS
7104-B		SW	6KGR007		D-Grinder with motor, no frame, manual adjustment version (see drawing 7103)
7104-B		SW	9GES038		D-Grinder only - manual adjustment version with items 1-12
7104-B		SW	9GES120		Set of 2 grinder discs no screws included
					PARTS
7104-B	01		n/a	1	Grinder Bayonet cover
7104-B	02		n/a	2	D-grinder disc - see set above
7104-B	03		n/a	3	Screws upper disc
7104-B	04		n/a	1	Auger
7104-B	05		n/a	3	Screws lower disc
7104-B	06		n/a	1	Grinder house
7104-B	07		n/a	1	Grinder adjustment wheel
7104-B	08		n/a	3	Screws adjustment wheel
7104-B	09		n/a	1	Adjustment wheel worm
7104-B	10		n/a	1	Circlip ring
7104-B	11		6XSL001	1	Adjustment wheel worm sleeve (4XSL054 L=11mm)
7104-B	12		n/a	1	Grinder Adjustment cover - manual version
7104-B	13		n/a	1	Grinding degree adjustment screw
7104-B	14		n/a	1	Grinder Adjustment cover - electric version
HISTORY					

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available locally (SW) or as car stock (SE).

 de JONG DUKE

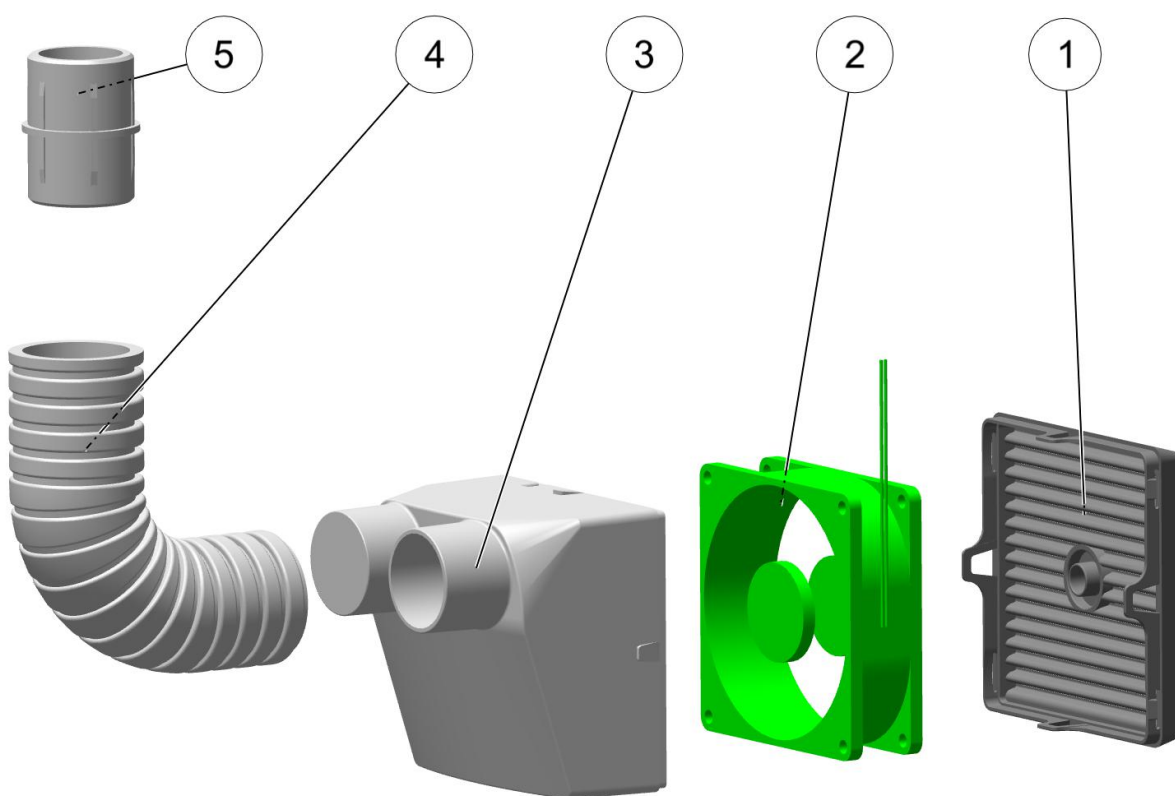
7503-D



Drawing	Pos	S	Part Nr	Qty	Spare Part Description
7503-D	01	SW	4KMX028	1	Mixer suction trap - steam ring (low model)
7503-D	02	SW	4KMX017	1	Mixer suction trap - vapour (left-side open)
7503-D	03	SW	4KMX015	4	Mixer suction trap - steam
7503-D	04	SW	4KMX016	1	Mixer suction trap - vapour (right-side open)
7503-D	05	SW	4KMX018	1	Mixer suction trap - vapour (left+right side open)
7503-D	6a	SE	4EMT024	4	Mixer motor 24v dc <i>including base plate 4KMX030 (pos 06b)</i>
7503-D	6b	SE	4KMX030	4	Base plate for Mixer motor
7503-D	07	SW	4KMX006	4	Water blocking ring
7503-D	08	SW	4KMX026	4	Mixer bayonet catch
7503-D	09	SE	4ROR016	4	O-ring mixer plate
7503-D	10	SE	4RVA002	4	Seal whipper base plate
7503-D	11		4KMX019	4	Mixer propeller (old version)
7503-D	11	SW	4KMX027	4	Mixer propeller (integral)
7503-D	12	SW	4KMX025	4	Mixer house grey
7503-D	12	SW	4KMX031	2	Mixer house black (for mixer at pressure boiler)
7503-D	13	SE	4XSL003	1	Tube 8x12 grey
7503-D	14	SE	4XSL003	1	Tube 8x12 grey (when used with open boiler)
7503-D	14	SE	4XSL001	1	Tube 4x8 grey
7503-D	15	SE	4KDT004	4	Adapter for mixer house (not for 9CND/9XNA) <i>Replaced by 4KDT008 from S/N 2013.42.xxxx.001 for 9CND</i>
7503-D	15	SE	4KDT008	4	Adapter for mixer house (9CND/9XNA only)
7503-D	16				n/a
7503-D	17	SW	6CKB310	1	Wire harness with poly switch (safety)
7503-D	17	SW	6CKB208	1	Cable to main wire harness 2 mixers

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts available on local (SW) or car (SE) stock.

7603-A

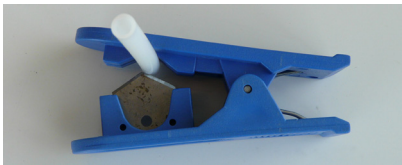


Drawing	Pos	S	Part Nr	Qty	Spare Part Description
7603-A	01		5KAF116	1	Protective Fan Grid
7603-A	02	SW	4EVT004	1	Fan motor 24V
7603-A	03		5KAF115	1	Fan housing
7603-A	04		4XSL030	1	Hose black Di=32mm
7603-A	05		5KPF002	1	Adaptor straight D=32 mm.

- Part numbers marked with "SE" are Service parts Engineer stock
- Part numbers marked with "SW" are Service parts Warehouse stock
- Part numbers marked with "n/a" are Not Available as spare part
- De Jong Duke recommends to have service parts directly available on local or car stock.

Tool List General

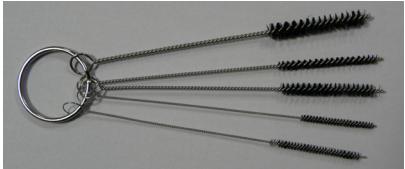
Picture	Part Nr	Description
 	n/a	EN Flat screwdriver
		DE Schlitz Schraubendreher
		NL Platte schroevendraaier
		0.5 / 3.0 / 10 mm
		0.8 / 4.0 / 20 mm
 	n/a	EN Philips screwdriver
		DE Kreuzschlitzschraubendreher
		NL Kruiskop schroevendraaier
 	n/a	EN Torx screwdriver
		DE Torx Schraubendreher
		NL Torx schroevendraaier
 	n/a	EN Torx 15, 22 mm
		DE Torx 25, 20 mm
		NL Torx 25, 20 mm
 	n/a	EN Socket screwdriver
		DE Steck Schlüsseldreher
		NL Dopsleutel
	n/a	EN 07 / 15 mm
		DE 07 / 15 mm
		NL 07 / 15 mm
	n/a	EN Combination plier
		DE Kombinations-Zange
		NL Combinatietang
	n/a	EN Slip Joint Plier
		DE Wasserpumpen-Zange
		NL Waterpomptang
	n/a	EN Side Cutter
		DE Seiten Schneider
		NL Zijknijptang
	n/a	EN Knife
		DE Stanley Messer
		NL Stanley mes

Picture	Part Nr	Description	
	n/a	EN	Multimeter
		DE	Multimeter
		NL	Multimeter
	4HLP148	EN	Tube cutter
		DE	Schlauch abschneider
		NL	Slangknipper voor drukslang
	4HLP142	EN	Extraction tool <i>Mini Fit JR, 011030044</i>
		DE	Demontage Werkzeug <i>Mini Fit JR, 011030044</i>
		NL	Extraction tool <i>Mini Fit JR, 011030044</i>
	n/a	EN	Unlocking tool <i>John Guest ICLT/2</i>
		DE	Spann- und Lösehilfe <i>John Guest ICLT/2</i>
		NL	Slang-ontkoppel-set <i>John Guest ICLT/2</i>
	n/a	EN	Electrostatic discharge (ESD) wrist strap
		DE	Electrostatische Entladungen (ESD) Handgelenkband
		NL	Elektrostatische ontlading (ESD) polsband

Tool List for machines with UNI-brewer

Picture	Part Nr	Description	
	n/a	EN	Spanner Wrench
		DE	Ring-Maulschlüssel
		NL	Steeksleutel
			7 mm / 13 mm / 15 mm
	n/a	EN	Punch
		DE	Splinttreiber
		NL	Drevel
			3 mm
	n/a		5 mm
		EN	Torgue wrench / screwdriver 1,8N/m
		DE	Torgue Schraubenschlüssel / Schraubendreher 1,8 N/m
		NL	Moment sleutel / schroevendraaier 1,8 N/m

Tool List for machines with CoEx (XL) brewers

Picture	Part Nr	Description	
	4HLP132	EN	Filter head cleaner
		DE	Filter Kopf Putzer
		NL	Filterkop reiniger
	4HLP143	EN	CoEx outlet cleaner brush
		DE	CoEx Ausgabe Reinigungsbürste
		NL	CoEx uitgifte reinigingsborstel
	4HLP157	EN	Spanner wrench 14mm <i>Modified for sensor cable</i>
		DE	Schlüssel 14mm <i>Für Sensorkabel modifiziert</i>
		NL	Ringsleutel 14mm <i>Aangepast voor sensor kabel</i>
	n/a	EN	Allen Wrench / Hex key 5 mm <i>For new banjo bolts</i>
		DE	Innensechskant-schlüssel 5 mm <i>Für neue Banjobolzen</i>
		NL	Inbussleutel 5 mm <i>Voor nieuwe banjo bouten</i>
	9VDG001 9VDG002	EN	Pressure-gauge
		DE	Druckmesser
		NL	Manometer
			0 - 2 bar 0 - 16 bar

Disclaimer Manufacturer

Although this manual has been put together with the utmost care, J.M. de Jong DUKE automatenfabriek b.v. accepts no liability for inaccuracies or omissions. No liability is accepted for the consequences arising from operation of the equipment in accordance with the information contained in this manual.

J.M. de Jong DUKE automatenfabriek b.v. reserves the right to alter specifications at any time and without prior notification to the purchaser.

All rights reserved.

Copyright

J.M. de Jong DUKE automatenfabriek b.v. © 2024

The contents of this manual are copyrighted. Texts, images, and source files may only be used for professional purposes.

No part of this guide may be reused, modified, or published without the prior written permission of the manufacturer.

Printing pages is allowed only for professional use.

Manufacturer



De Jong DUKE

Postbus 190
3360 AD SLIEDRECHT
The Netherlands

 +31 (0)184 209 767 (sales)
 +31 (0)184 209 609 (support)
 www.dejongduke.nl
 spareparts@dejongduke.nl
 support@dejongduke.nl



De Jong DUKE North America

12680 Delta Street
Taylor, MI, 48180
U.S.A.

 +1 734 403 1708
 www.dejongduke.com
 support@dejongduke.com

