November 25, 2024
Version 1.5

Hilltip

SpraySTRIKER™

PARTS LIST

500-2000 L DE-ICING SPRAYER
(US135-400 GAL DE-ICING SPRAYER)

SPRAYER ASSEMBLY....2
SPRAYER ASSEMBLY WITH 3-POINT FRAME....3
SPRAY BAR ASSEMBLY....4-5
SPRAYER CABINET....6-8
TANK ASSEMBLY....9
FRAME ASSEMBLY....10
ADJUSTABLE LEG - FRONT AND REAR....11
HANDLE....12
STOPPER....12
HOSE REEL....13
PUMP ASSEMBLY....13
1000-2000 L FILL PIPE ASSEMBLY....14
CONTROLLER ASSEMBLY....14
CABLES....15
CONNECTORS....17-19

This manual replaces all editions with an earlier date.

TABLE OF CONTENTS

Sprayer assembly *(Current production model)* 3
Sprayer assembly with 3-point frame 4
Spray bar assembly *(Non-current production model)* 5
Spray bar assembly *(Current production model)* 6
Tank assembly 7
Sprayer cabinet *(Non-current production model)* 8-9
Sprayer cabinet *(Current production model)* 10
Frame assembly 11
Adjustable leg - front and rear 12
Handle 13
Stopper 13
Hose reel 14
Pump assembly 15
Fill pipe assembly, 1000-2000 l 16
Controller assembly 16
Cables 17
Connectors 18-21

SPRAYER ASSEMBLY

NOTE! Current production model, serial number starting from XXXXX.20230308.010583 →

Item	*Qty*	*Part no.*	*Description*
1	1	H42290	Spray cabinet pre-assembled
2	1	H25239	Front end frame
3	1	H25244	Bracket LH
4	1	H24618	Rear corner RH
5	1	H25245	Bracket RH
6	1	H24615	Front corner LH
7	1	H25186	Front corner RH
8	1	H24617	Rear corner LH
9	1	H42624	Spray bar with side spray nozzles
10	1	H24621	Stopper
11	1	H24538	Tank support front beam
12	2	H25243	Tank support side beam
13	1	H25701	Level switch assembly
14	2	H28441	Plate
15	1	H28440	Telescopic holder
16	6	H42079	Nut plate
17	1	H24550	Tank 500L (8 holes)
18	1	H41536	Light plate
19	1	H22402	LED rear light assembly, Passenger side
20	1	H22247	EU number plate holder
21	1	H25256	Level indicator hose
22	1	H22401	LED rear light assembly, Driver side
23	2	H22952	90° hose fitting, M G 1/2
24	1	H24599	Straight hose fitting G3/4-20
25	2	H24608	90° male/female fitting 1”
26	3	H24609	Straight hose fitting, male thread G 1 -32mm
27	1	H24612	T-connector 32mm
28	1	H25233	Straight hose fitting, male thread G 2”-60mm
29	1	H25848	Bracket
30	1	H22536	Bracket

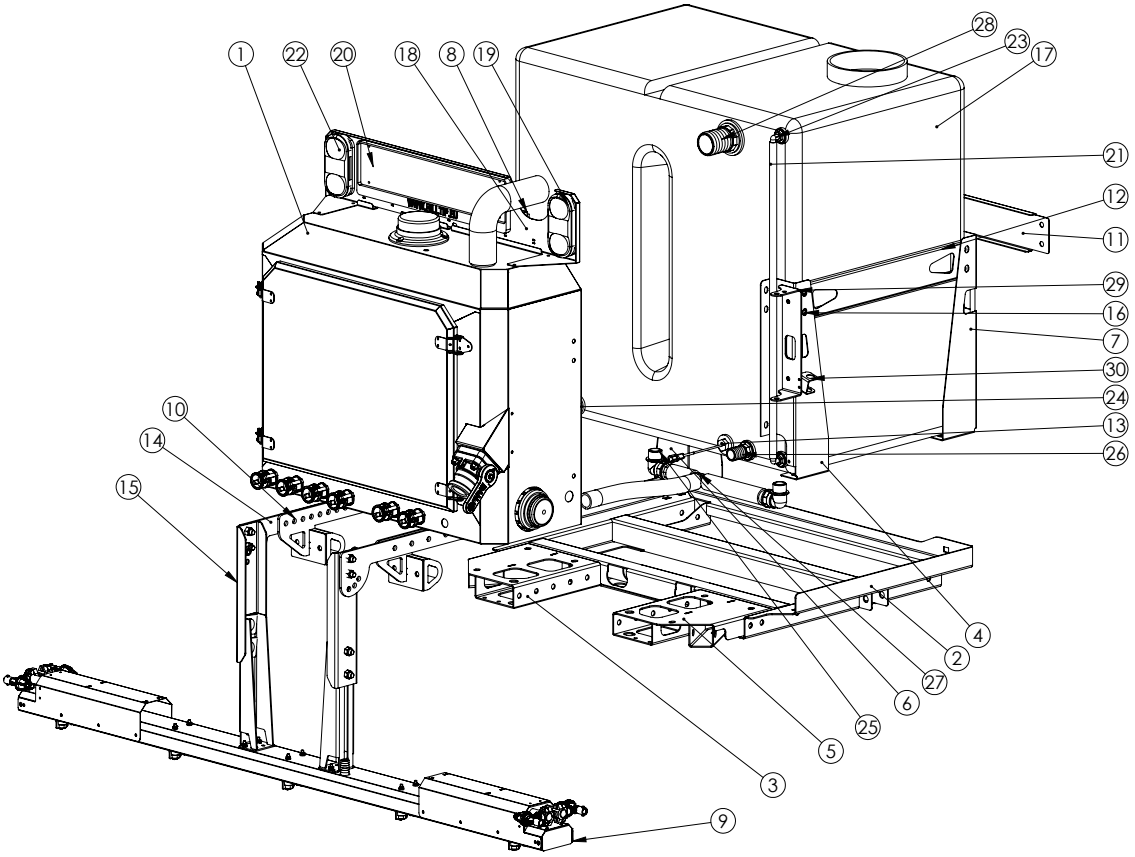


Image shows SprayStriker™ 500

SPRAYER ASSEMBLY WITH 3-POINT FRAME

Item	*Qty*	*Part no.*	*Description*
1	1	H43350	Welded 3-point frame SS800 TR
2	1	H42290	Spray cabinet pre-assembled
3	2	H43364	Tank support side beam 800l
4	1	H43369	Right rear corner bracket 800l
5	1	H43370	Left rear corner bracket 800l
6	1	H43371	Right front corner bracket 800l
7	1	H43372	Left front corner bracket 800l
8	1	H43374	Front tank plate
9	1	H43325	800 l rear tank
10	1	H28440	Telescopic holder
11	2	H30449	LED Stop/Tail/Brake light with contact
12	1	H41648	Light plate
13	1	H22247	EU number plate holder
14	3	H22113	Locking pin
15	2	H26001	Pin
16	1	H26002	Pin
17	1	H42624	Spray bar with side spray nozzles
18	4	H42079	Nut plate
19	1	H22540	Hose reel
ns	1	H44036	Hose reel bracket 800SS
ns	1	H22536	Bracket

NOTE! Current production model, serial number starting from XXXXX.20230308.010583 →

ns = not shown

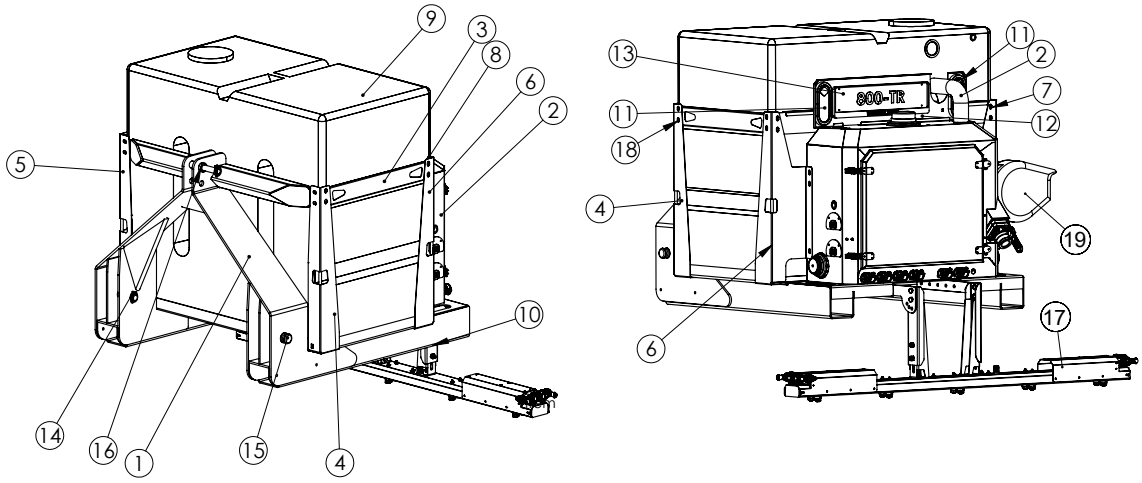
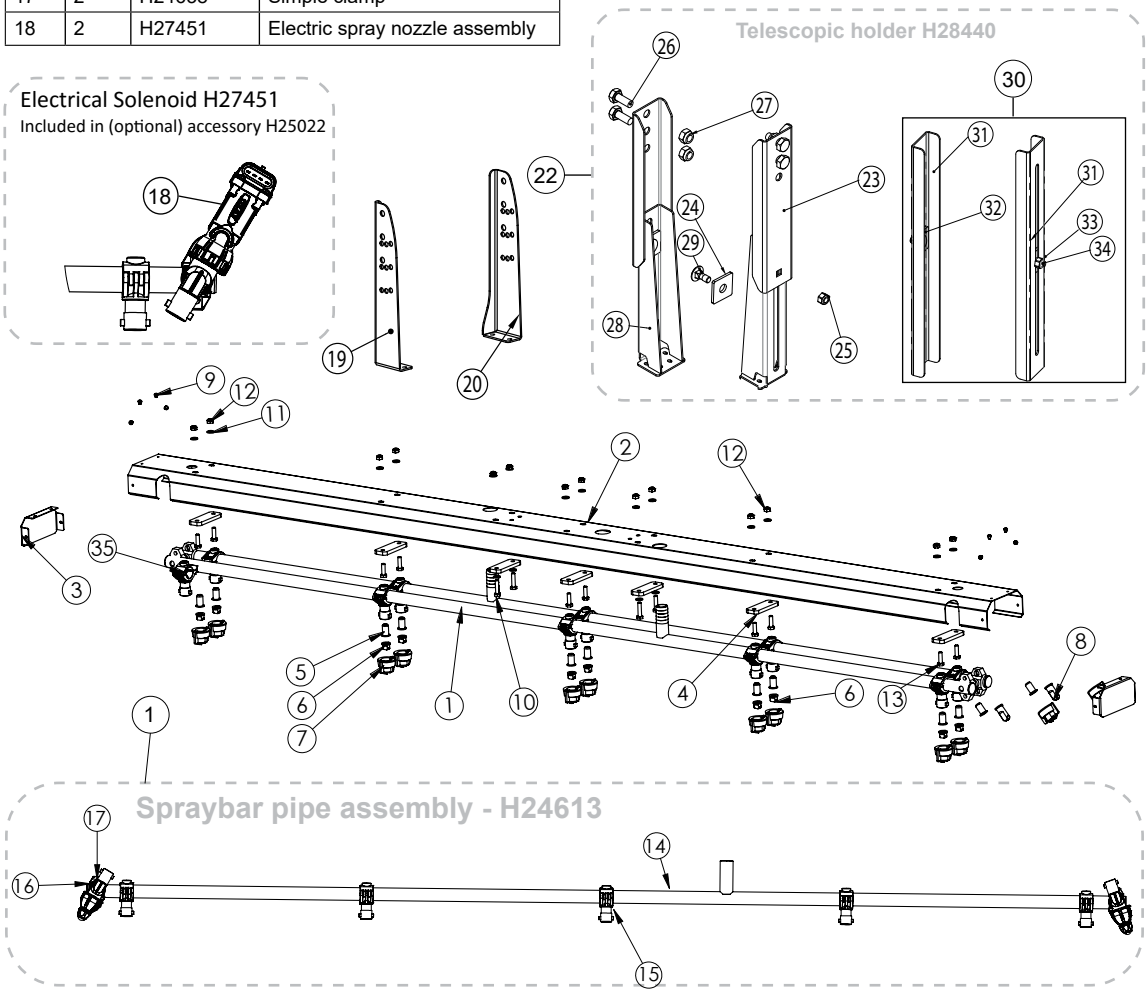


Image shows SprayStriker™ 800 TR

SPRAY BAR ASSEMBLY - H24582

NOTE! Non-Current production model, serial number up to → XXXXX.20230308.010583

Item	*Qty*	*Part no.*	*Description*
1	2	H24613	Spray bar pipe assembly
2	1	H24583	Cover plate
3	2	H24584	End plate
4	7	H24585	Shim plate
5	14	H22612	Nozzle filter
6	10	H22608	Nozzle Flat spray
7	14	H22613	Nozzle cap
8	4	H22609	Nozzle boom ext. type
9	8	HF19360	Blind rivet 3,2x6 A4
10	4	HF10733	Hex Bolt M6x25
11	18	HF10491	Washer
12	14	HF10512	LOCK NUT M6 A4 DIN985
13	10	HF10732	Hex Bolt M6x20
14	1	H24614	Spray bar pipe weld assembly
15	5	H24588	Nozzle holder
16	2	H24589	Nozzle holder, adjustable
17	2	H24638	Simple clamp
18	2	H27451	Electric spray nozzle assembly
19	1	H24631	Bracket RH
20	1	H24630	Bracket LH
22	1	H28440	Telescopic holder
23	2	H28442	Upper bracket
24	2	HF15305	Square washer DIN436 M16 ZN
25	2	HF15057	Lock nut DIN 985/10 M12
26	4	HF12705	Bolt DIN 933 ZN M16x35
27	4	HF10506	Lock nut DIN985 A4 M16
28	2	H28446	Lower bracket
29	2	HF13740	Lock bolt M12x30 8.8 Zn
30	1	H28445	Extension bracket
31	2	H28443	Center bracket
32	2	HF15305	Square washer DIN436 M16 ZN
33	2	HF15057	Lock nut DIN 985/10 M12
34	2	HF19369	Lock Bolt DIN 603 A4 M12x25
35	10	H42419	O-Ring 6,0 X 2,5 NBR70

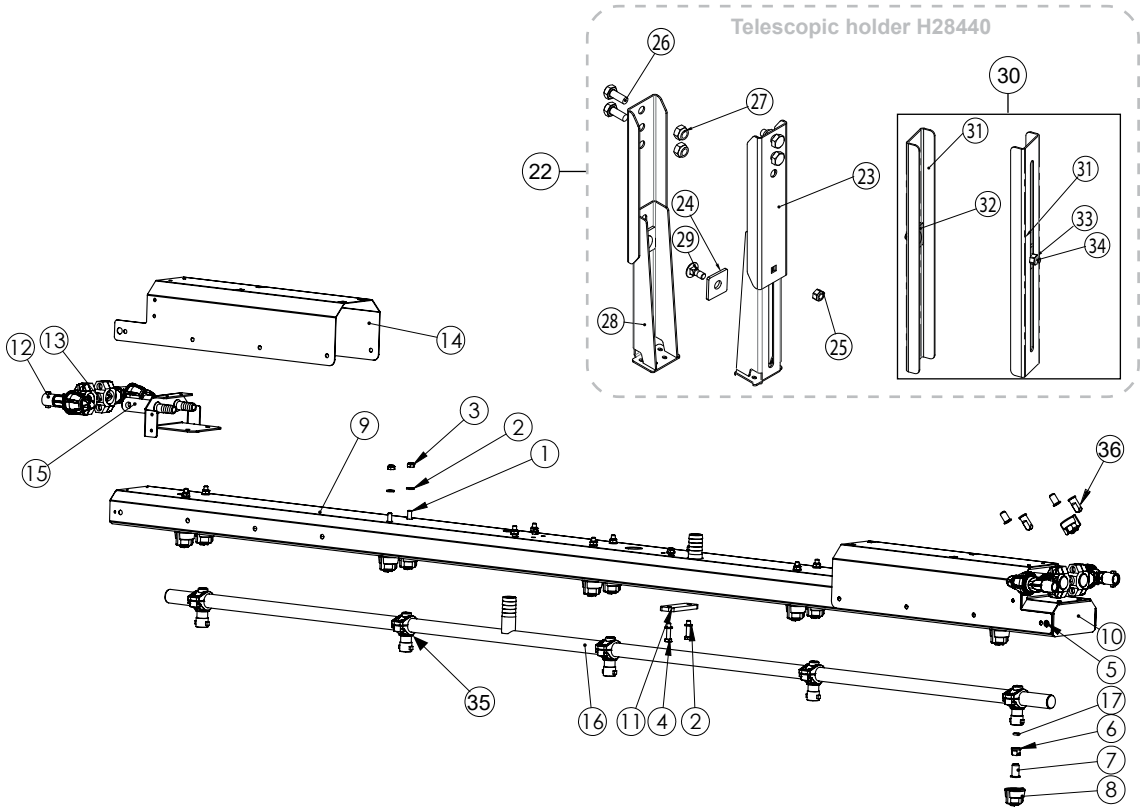


SPRAY BAR ASSEMBLY - H42624

NOTE! Current production model, serial number starting from XXXXX.20230308.010583 →

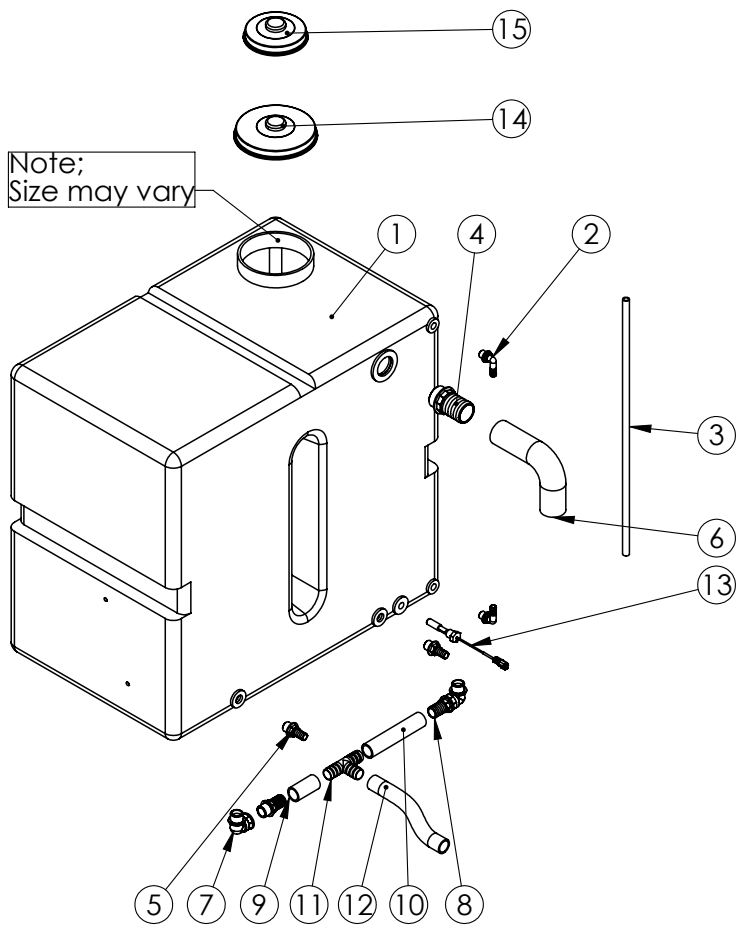
Item	*Qty*	*Part no.*	*Description*
1	10	HF10732	Hex Bolt M6x20
2	18	HF10491	Washer
3	14	HF10512	Lock nut M6 A4 DIN985
4	4	HF10733	Hex Bolt M6x25
5	4	HF19360	Blind rivet 3,2x6 A4
6	10	H22608	Nozzle Flat spray
7	10	H22612	Nozzle filter
8	10	H22613	Nozzle cap
9	1	H43089	Cover plate
10	2	H24584	End plate
11	3	H24585	Shim plate
12	4	H24589	Nozzle holder, adjustable
13	4	H24638	Simple clamp
14	2	H42407	Plate
15	2	H42404	Bracket
16	2	H42625	Spray bar pipe assembly
17	10	H42419	OR 6,0 X 2,5 NBR70

22	1	H28440	Telescopic holder
23	2	H28442	Upper bracket
24	2	HF15305	Square washer DIN436 M16 ZN
25	2	HF15057	Lock nut DIN 985/10 M12
26	4	HF12705	Bolt DIN 933 ZN M16x35
27	4	HF10506	Lock nut DIN985 A4 M16
28	2	H28446	Lower bracket
29	2	HF13740	Lock bolt M12x30 8.8 Zn
30	1	H28445	Extension bracket
31	2	H28443	Center bracket
32	2	HF15305	Square washer DIN436 M16 ZN
33	2	HF15057	Lock nut DIN 985/10 M12
34	2	HF19369	Lock Bolt DIN 603 A4 M12x25
35	10	H24588	Nozzle holder
36	4	H22609	Nozzle boom ext. type



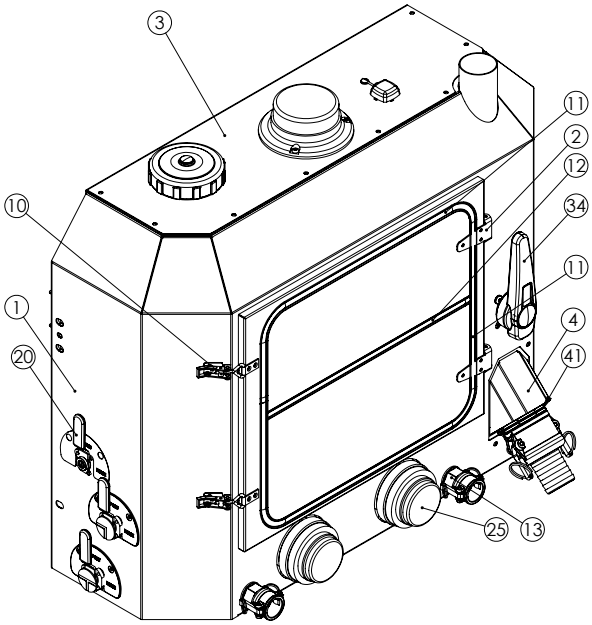
TANK ASSEMBLY - H26241

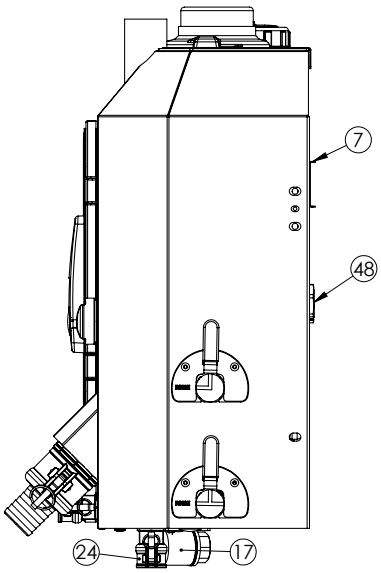
Item	*Qty*	*Part no.*	*Description*
1	1	H24550	Tank 500L (8 holes)
2	2	H23036	90° Hose fitting 16mm, male thread G 1/2
3	1	H25256	Level indicator hose
4	1	H25233	Straight hose fitting, male thread G 2"-60mm
5	2	H24599	Straight hose fitting G3/4-20
6	1	H25255	Rubber elbow ø60 90deg
7	2	H24608	90° male/female fitting 1"
8	2	H24609	Straight hose fitting, male thread G 1 -32mm
9	1	HH10438	Hose 32mm
10	1	HH10438	Hose 32mm
11	1	H24612	T-connector 32mm
12	1	HH10438	Hose 32mm
13	1	H25701	Level switch assembly
14	1	H26795	Tank cap 8” (203mm)
15	1	H27368	Tank cap 6” (152mm)

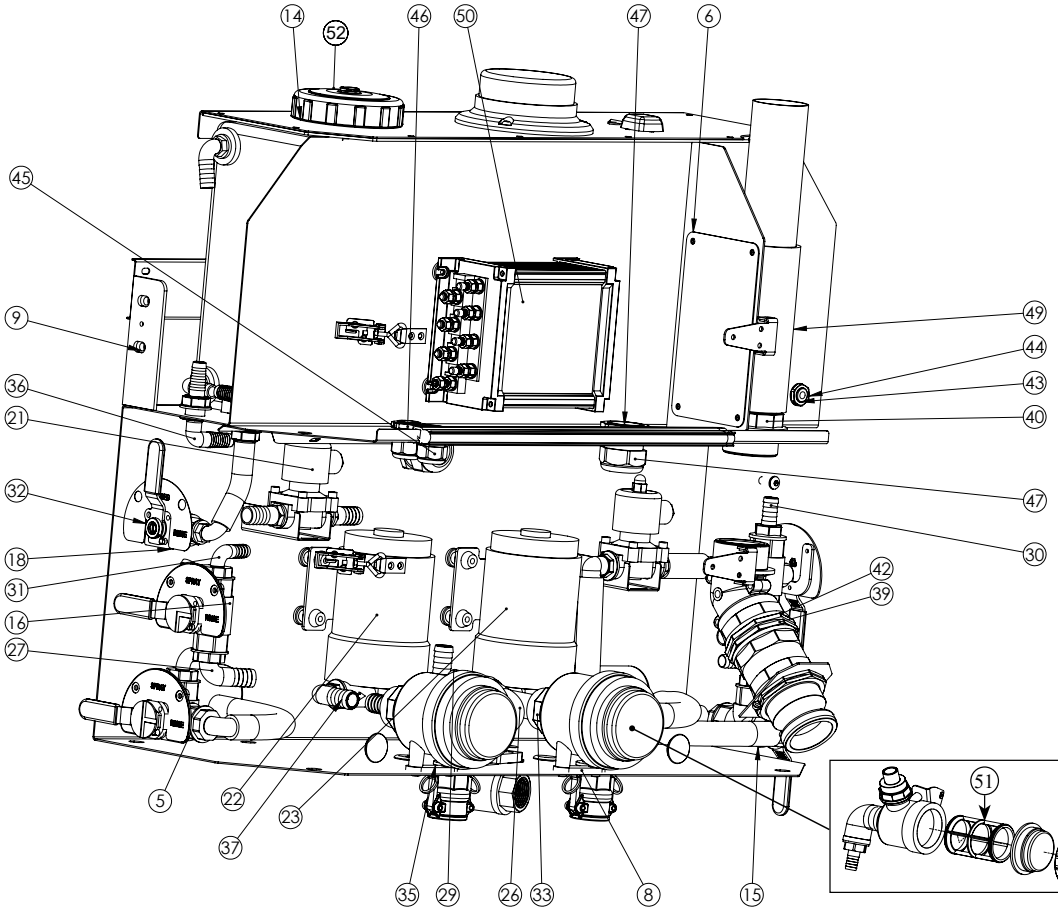


SPRAY CABINET - H25210

NOTE! Non-Current production model, serial number up to → XXXXX.20230308.010583







See description on next page →

SPRAY CABINET - H25210

NOTE! Non-Current production model, serial number up to → XXXXX.20230308.010583

Item	*Qty*	*Part no.*	*Description*
1	1	H25211	Cabinet
2	1	H25222	Door assembly
3	1	H25225	Top cover
4	1	H2569	Filling pipe bracket
5	5	H24570	Cover plate
6	1	H25227	Plate
7	1	H25228	Support
8	2	H25229	Shim plate
9	2	H25698	Mounting plate - cabin
10	2	H24606	Pull-down catch
11	1	H25236	Door seal - around
12	1	H25237	Door seal - horizontal
13	4	H25699	Blanking plug
14	1	H24551	Tank 30L
15	2	HH16070	3/4" 3-way valve T-port
16	2	HH1607	3/4" 3-way valve L-port
17	1	HH16072	2 way valve 1"
18	1	HH16073	2 way valve 1/2"
19	1	H24760	Handle 90°
20	5	H24760	Handle
21	2	H24294	Solenoid valve 1/2"
22	1	H25338	Liquid pump bypass 12V
23	1	H25339	Liquid pump on demand 12V
24	4	H22935	Camlock D 3/4"
25	2	H22947	Suction filter unit
26	1	H22948	Elbow 90 deg. F G1 1/4"-F G1 1/4"
27	8	H22951	90 deg hose fitting G3/4"-20
28	3	H22955	Straight hose fitting G1/2-20
29	1	H22956	Straight hose fitting G 1 1/4-20
30	1	H23024	Straight hose fitting G3/4-16
31	3	H23033	90 deg hose fitting G3/4"-16
32	4	H23036	90 deg hose fitting G1/2"-16
33	3	H24490	Straight hose fitting G1 1/4"-21
34	1	H24593	Valve 2"
35	4	H24599	Straight hose fitting G3/4-20
36	2	H24600	90° one-piece bulkhead hose tail with lock ring G3/4 D15-17
37	5	H24601	90 deg hose fitting G1/2"-20
38	1	H25231	Threaded coupling 2"
39	1	H25232	Symmetric Nipple 2"
40	1	H25233	Straight hose fitting, male thread G 2"- 60mm
41	1	H25234	Camlock coupling G2
42	1	H25235	Female/Male 45deg threaded fitting G2"
43	1	H21904	Cable gland M16x1,5
44	1	H22473	Counter nut M16
45	2	H21902	Cable gland M25x1,5
46	2	H22475	Plastic nut M25x1,5
47	2	H24206	Cable gland M40x1,5
48	2	H24720	Plastic nut M40x1,5
49	1	H25254	Rubber pipe
50	1	H22096	Spreader module
51	1	H23552	Filter
52	1	H26796	Tank cap

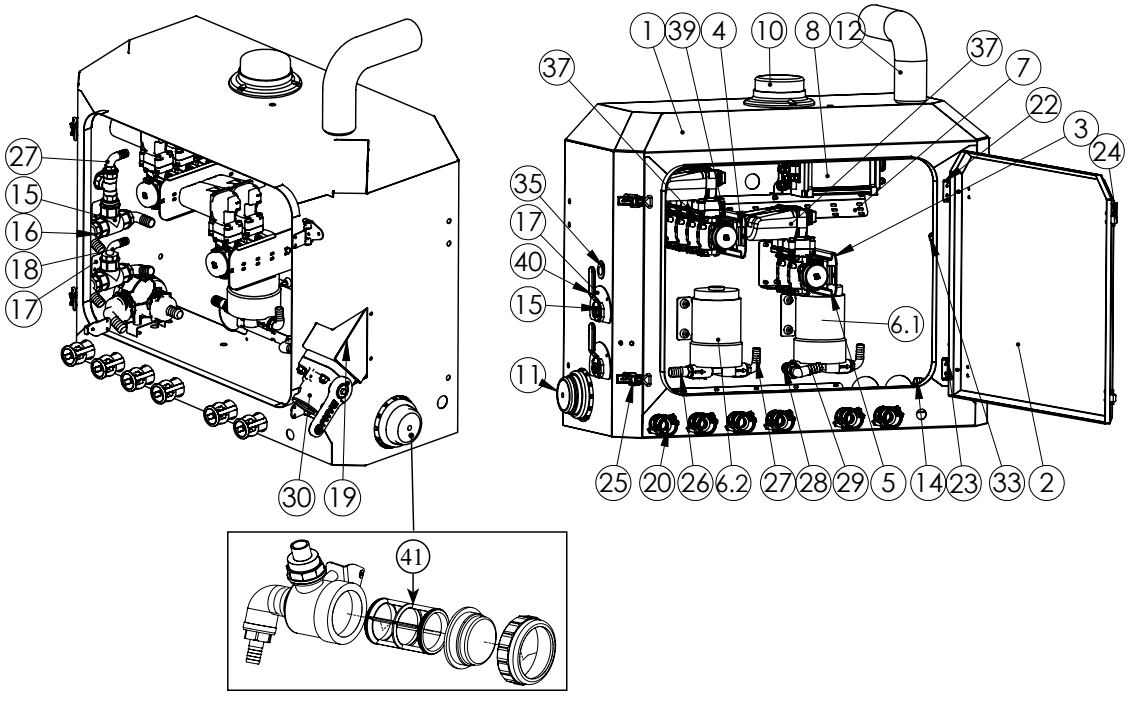
SPRAY CABINET - H42290

NOTE! Current production model, serial number starting from XXXXX.20230308.010583 →

Item	*Qty*	*Part no.*	*Description*
1	1	H42291	Spray cabinet welded
2	1	H42296	Lid welded
3	2	H42302	Valve bracket
4	1	H42304	Valve bracket plate
5	1	H41324	Valve bracket plate
6.1	1	H25338	Liquid pump bypass 12V
	1	H30321	Liquid pump bypass 24V
6.2	1	H25339	Liquid pump on demand 12V
	1	H30321	Liquid pump on demand 24V
7	1	H42320	Box bracket
8	1	H22096	Spreader module 12V
	1	H30471	Spreader module 24V
ns	4	H24772	Vibration dampener SS
10	1	H22224N	Beacon light low model
11	2	H28501	Filter unit with T5 fork
12	1	H25255	Rubber elbow ø60 90deg
ns	2	H42000	Straight hose fitting T5 → 20mm
14	2	H28503	90 deg hose fitting T5 → 20mm
15	2	HH16071	3/4" 3-way valve L-port
16	4	H22951	90 deg hose fitting G3/4"-20
17	2	H24570	Cover plate
18	1	H23033	90 deg hose fitting G3/4"-16
19	1	H42298	Valve bracket welded

ns = not shown

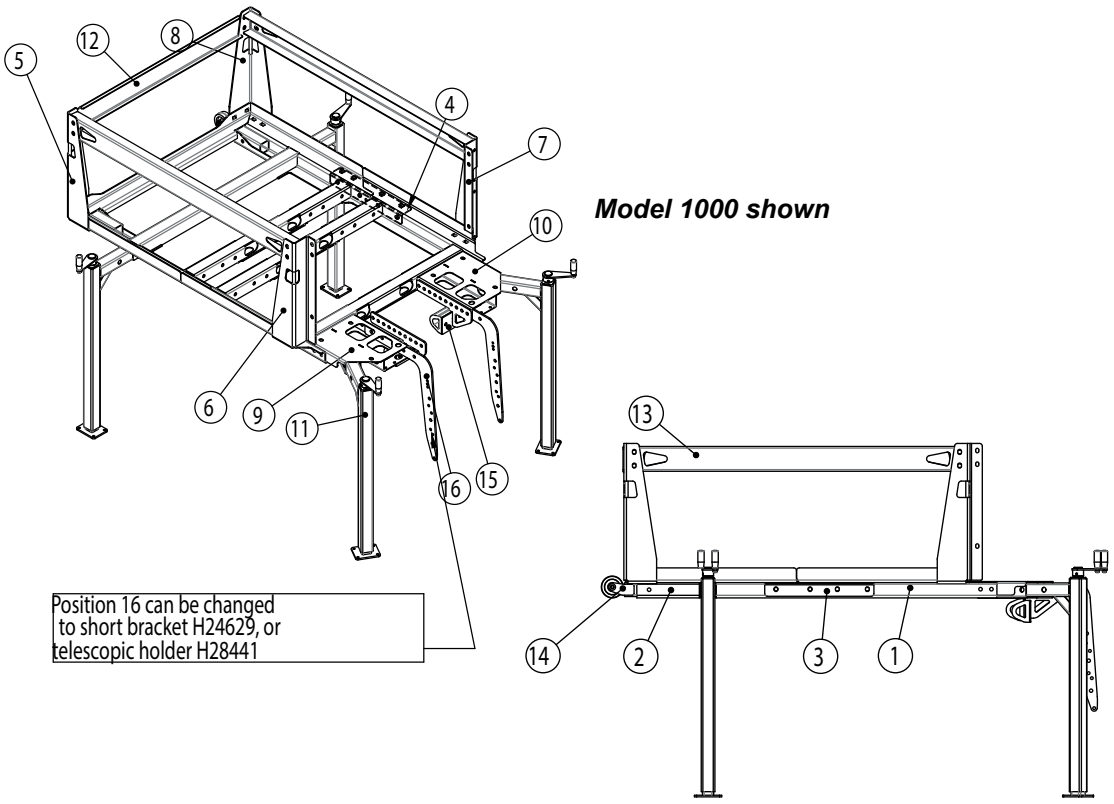
20	6	H22935	Female Camlock D 3/4"
ns	6	H24599	Straight hose fitting G3/4-20
22	2	H28983	Hinge plate
23	2	H42305	Hinge
24	2	H28981	Lock plate
25	2	H24606	Pull-down catch
26	1	H22955	Straight hose fitting G1/2-20
27	3	H23036	90 deg hose fitting G1/2"-16
28	1	H26737	90deg fitting male/female G1/2"
29	1	H24601	90 deg hose fitting G1/2"-20
30	1	H29854	2" Camlock ball valve
ns	1	H42242	Male-Female fitting 2"
ns	1	H25235	Female/Male 45deg threaded fitting G 2"
33	1	H25233	Straight hose fitting, male thread G 2"-60mm
ns	1	H23029	Reduction nipple G3/4" → G1/2"
35	1	H23026	Female Tee 1/2"
ns	2	H41301	End Cap
37	6	H41294	Valve NRG-AF 12V
	6	H30512	Valve NRG-AF 24V
ns	2	H41299	Hose Fitting 90 deg
39	12	H41385	Plate
40	2	H24760	Handle
41	1	H23552	Filter



FRAME ASSEMBLY

Frame assembly	Model 500	Model 800	Model 1000	Model 1500	Model 2000
	H26240	H43324	H26242	H26243	H26244

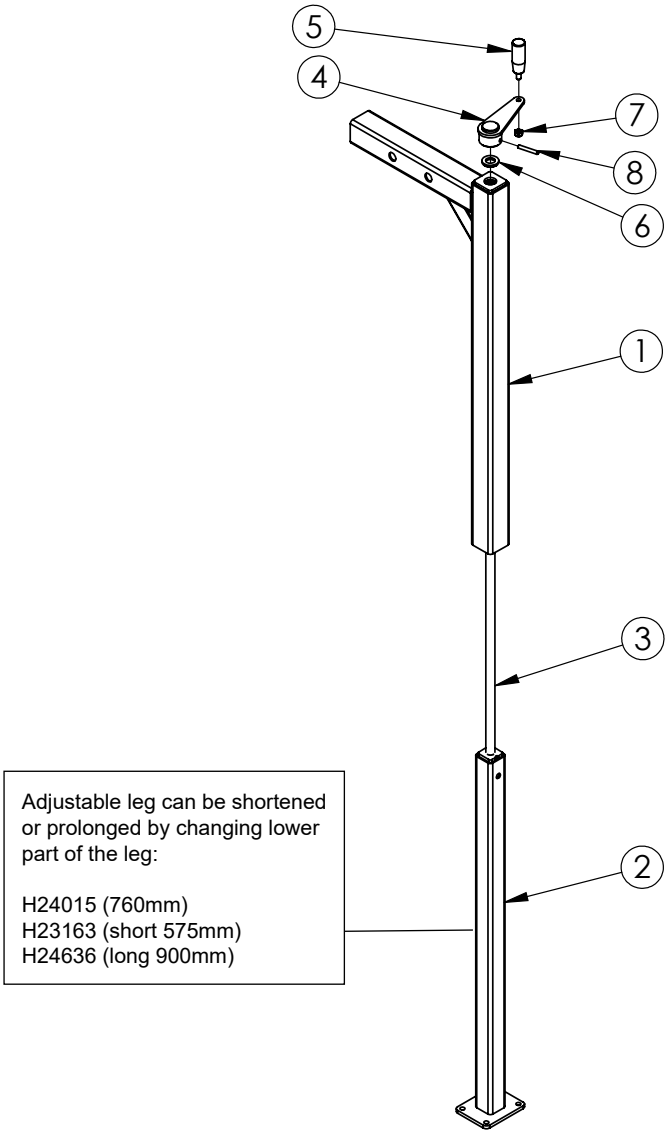
Item	Qty	Part no.					Description
		Model 500	Model 800	Model 1000	Model 1500	Model 2000	
1	1	-	-	H25689			Frame extension unit
2	1	H25239	H43326	H25239	H26259	H26245	Front end frame
3	1	-	-	H25692			Extension plate LH
4	1	-	-	H25693			Extension plate RH
5	1	H24615	H43372	H24615			Front corner LH
6	1	H24617	H43370	H24617			Rear corner LH
7	1	H24618	H43369	H24618			Rear corner RH
8	1	H25186	H43371	H25186			Front corner RH
9	1	H25244	H43332	H25244			Bracket LH
10	1	H25245	H43337	H25245			Bracket RH
11	4	H24012					Adjustable leg - front & rear
12	1	H24538	H43339	H24538			Tank support front beam
13	2	H25243	H43364	H24539	H26260	H26248	Tank support side beam
14	2	H24577					Wheel assembly
15	2	H24621					Stopper
16	2	H25252					Spray bar bracket - long



Model 1000 shown

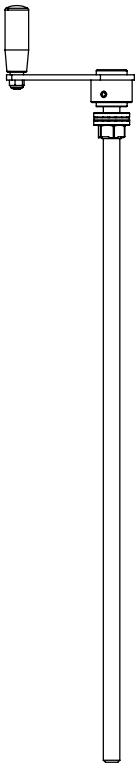
ADJUSTABLE LEG - FRONT & REAR - H24012

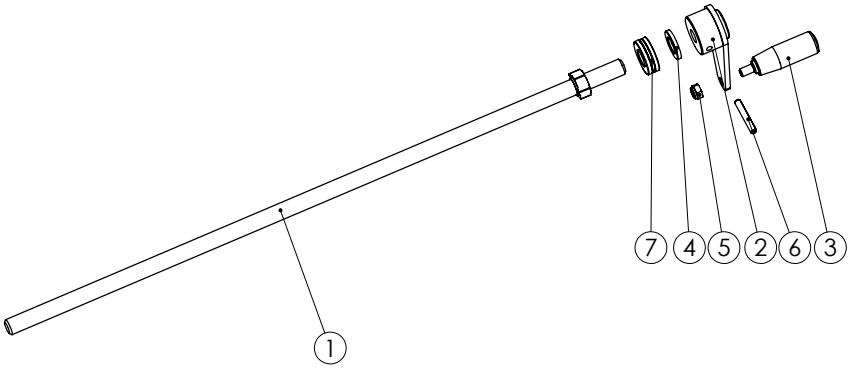
Item	*Qty*	*Part no.*	*Description*
1	1	H24013	Rear upper leg
2	1	H24015	Rear lower leg, 780 mm
	1	H23163	Rear lower leg, short 575 mm
	1	H24636	Rear lower leg, long 900 mm
3	1	H24461	Leg threads
4	1	H23160	Crank
5	1	H23174	Handle
6	1	HF14982	Washer DIN 6916 M16 HV ZN
7	1	HF15100	Lock nut DIN985 ZN M8
8	1	HF16413	Spring pin DIN 1481 6x40
9	1	HF16413	Bearing 51203



HANDLE

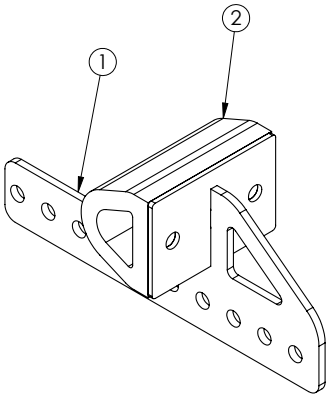
Item	*Qty*	*Part no.*	*Description*
1	1	H24461	Leg threads
	1	H24462	Threaded rod
	1	HF14676	DIN 929 M16
2	1	H23160	Crank
	1	H23164	Nut
	1	H23165	Plate
3	1	H23174	Handle
4	1	HF14982	Washer DIN 6916 M16 HV ZN
5	1	HF15100	Lock nut DIN985 ZN M8
6	1	HF16413	Spring pin DIN 1481 6x40
7	1	H25702	Bearing 51203





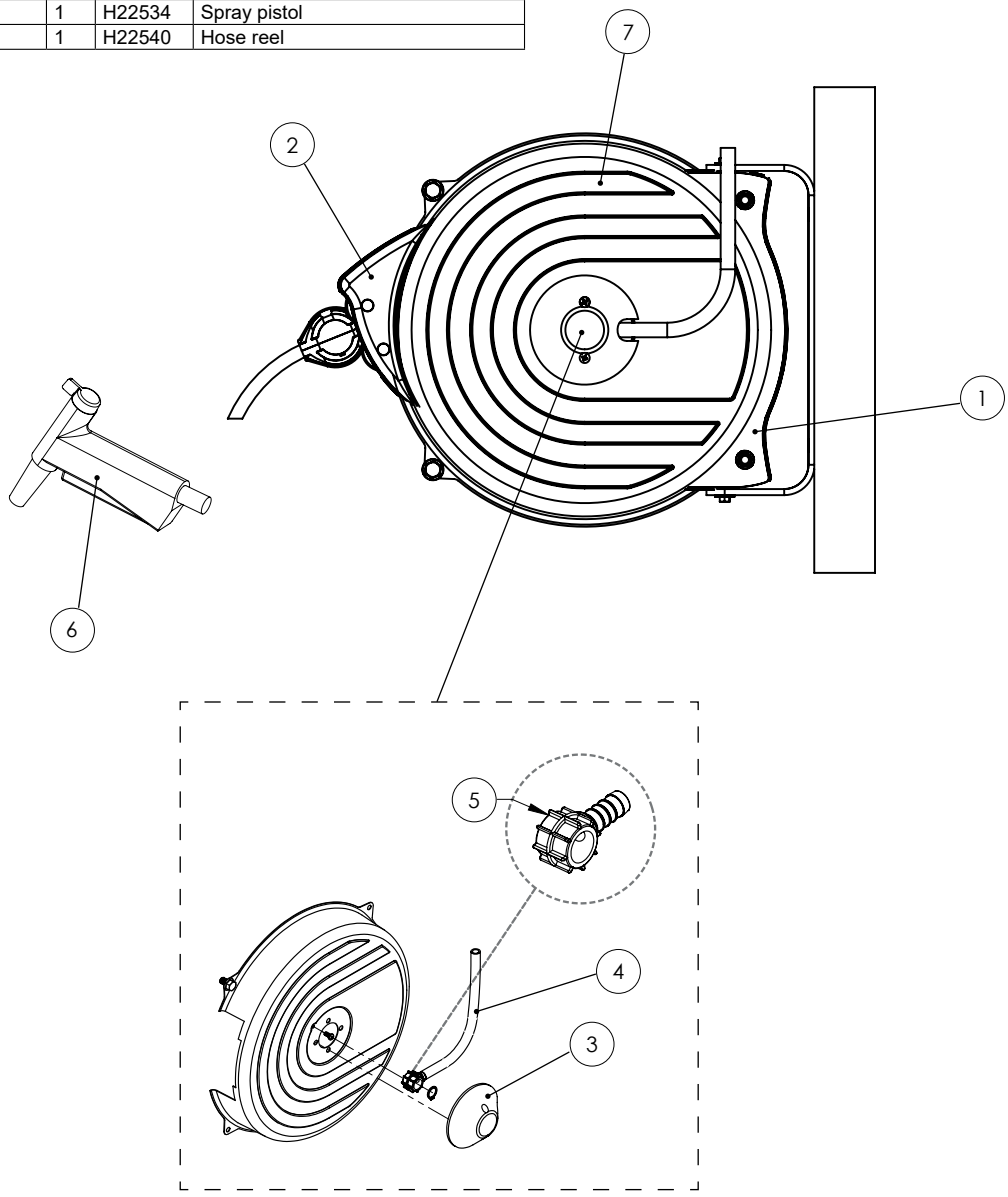
STOPPER - H24621

Item	*Qty*	*Part no.*	*Description*
1	1	H24622	Stopper bracket
2	1	H24624	Stopper rubber



HOSE REEL

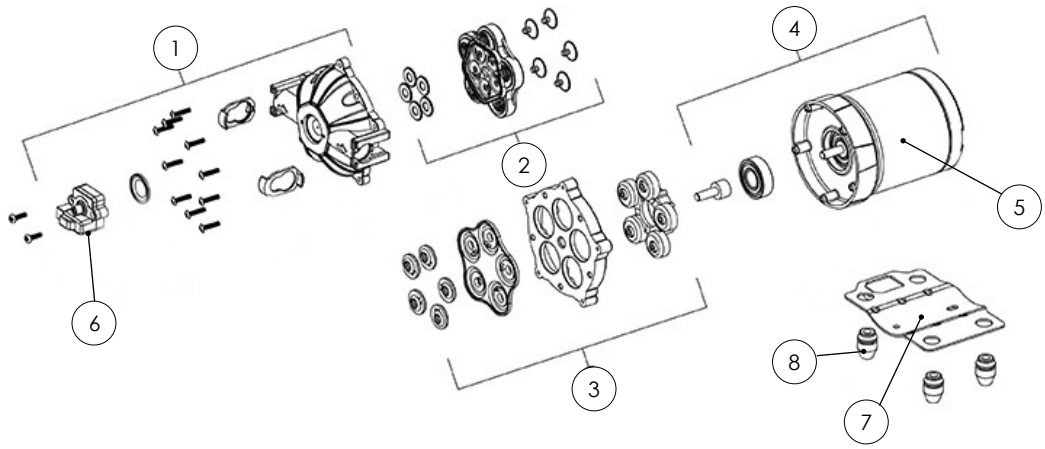
Item	Qty	Part no.	Description
1	1	H40690	Plastic bracket
2	1	H30452	Output case with pulleys
3	1	H30455	Cover for swivel
4	1	H30454	Connecting hose
5	1	H30453	Swivel with hose fitting
6	1	H22534	Spray pistol
7	1	H22540	Hose reel



PUMP ASSEMBLY

12V - H25338
24V - H30321

Item	Qty	Part no.	Description
1	1	H41484	Pump head assembly
2	1	H41485	Valve assembly
3	1	H41486	Diaphragm assembly
4	1	H41487	Motor assembly 12V
	1	H41478	Motor assembly 24V
5	1	H41488	Motor 12V
	1	H41479	Motor 24V
6	1	H30416	Pressure sensor assembly
7	1	H25337	Pump bracket
8	4	H23003	Rubber bush



1000-2000 LITER FILL PIPE ASSEMBLY

Item	*Qty*	*Part no.*	*Description*
1	1	H28394	1000 l fill pipe
		H28395	1500 l fill pipe
		H29936	2000 l fill pipe
2	1	H28404	Hose 60-200
3	2	H28399	2” Seal, 1000 l
	3		2” Seal, 1500 l
	4		2” Seal, 2000 l
4	2	H25232	Symmetric Nipple 2”, 1000 l
	3		Symmetric Nipple 2”, 1500 l
	4		Symmetric Nipple 2”, 2000 l

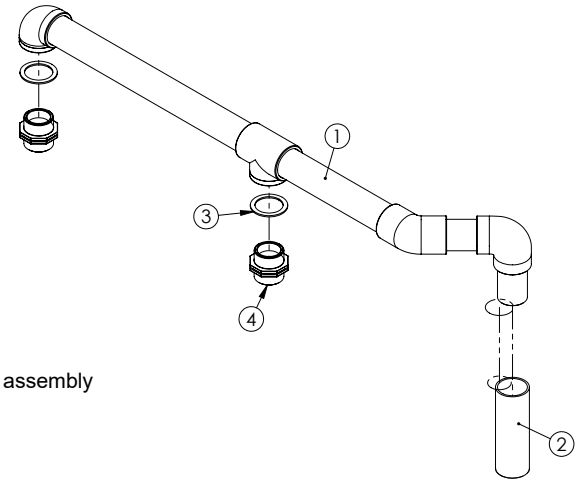
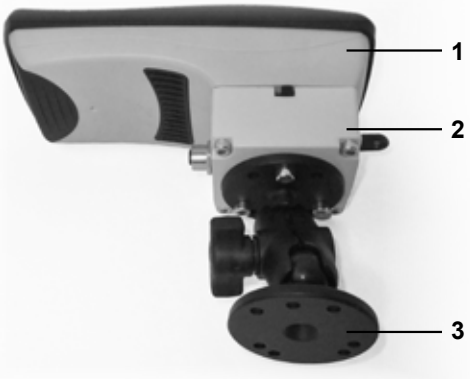


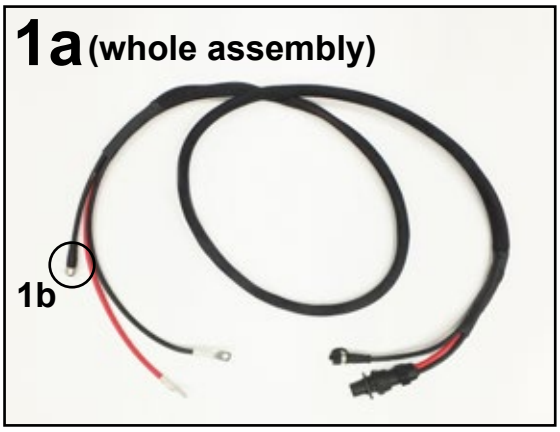
Image shows 1000 l fill pipe assembly

CONTROLLER ASSEMBLY - H21913

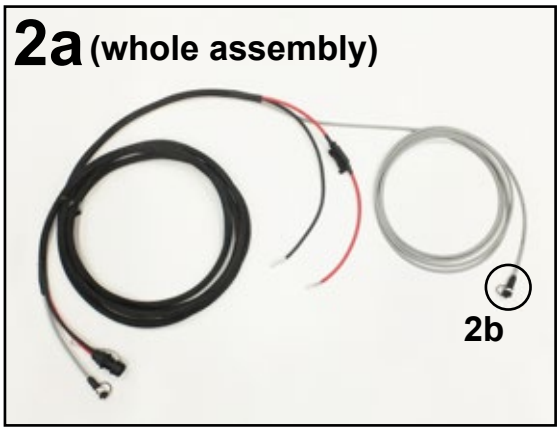


Item	*Part no.*	*Description*
1	H22739	Controller front
2	H22975	Controller circuit assembly
3	H22960	RAM mount

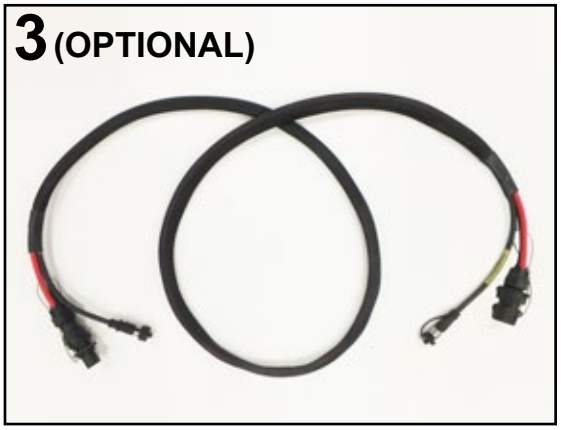
CABLES



1a. **H30278** Sprayer side harness to vehicle side harness (battery + data cable)
1b. **H22761** Sprayer side 8-pin harness 2m



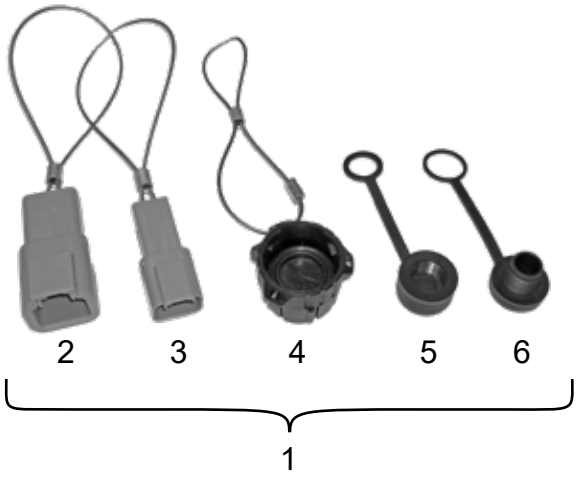
2a. **H21694** Vehicle side harness assembly
2b. **H22756** Vehicle side 8-pin harness



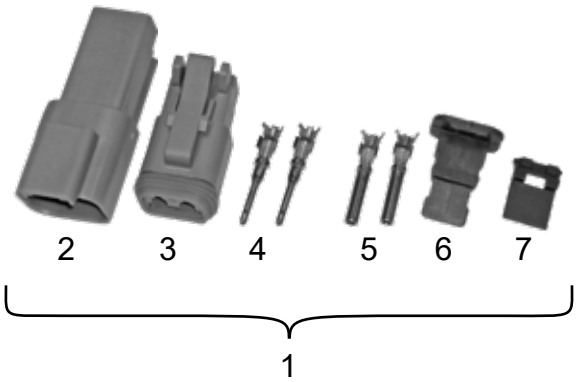
3. **H23205** Optional extension harness, 2m
H22120 Optional extension harness, 5m

See page 17-19 for list of cable connectors.

CONNECTORS

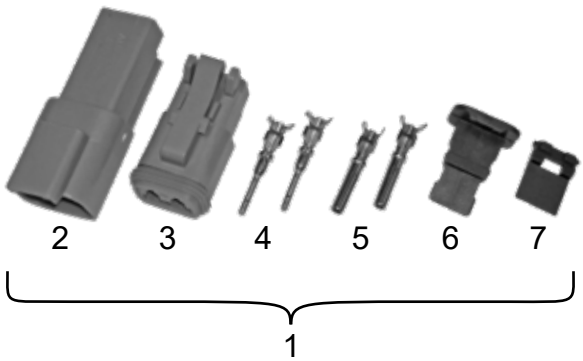


Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23361**	**Endcap kit**
2	1	H22305	Protective cap ATP
3	1	H22304	Protective cap AT
4	1	H23360	Protective sealing cap
5	1	H22168	Sealing Cap female
6	1	H22169	Sealing Cap male



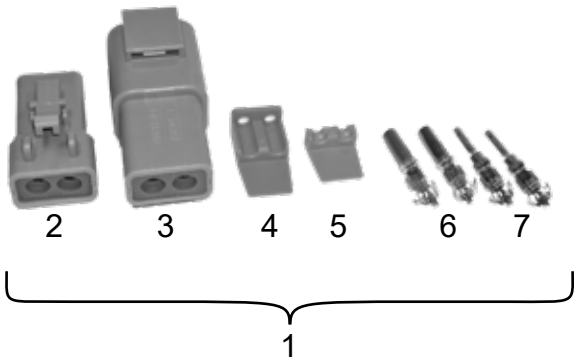
Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23366**	**DT connector kit 1mm²**
2	1	H21879	Receptacle, 2-Way
3	1	H21877	Plug, 2-way
4	2*	H21883	Male Contact - Pin 0,823-1,31mm²
5	2*	H21881	Female Contact - Socket 0,823-1,31mm²
6	1	H21878	Wedgelock Plug, 2-Way
7	1	H21880	Wedgelock Recep., 2-Way

**minimum order quantity: 20 pcs*



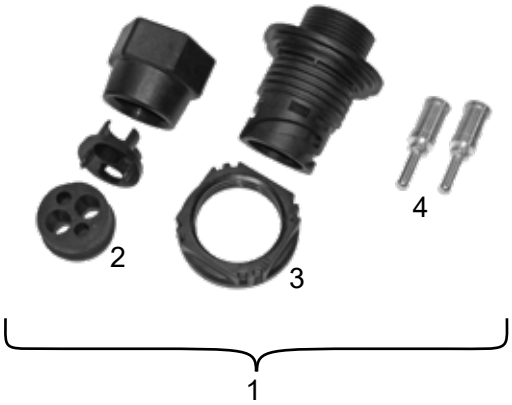
Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23367**	**DT connector kit 2,5mm²**
2	1	H21879	Receptacle, 2-Way
3	1	H21877	Plug, 2-way
4	2*	H21882	Male Contact - Pin 1,31-2,08mm²
5	2*	H21876	Female Contact - Socket 1,31-2,08mm²
6	1	H21878	Wedgelock Plug, 2-Way
7	1	H21880	Wedgelock Recep., 2-Way

**minimum order quantity: 20 pcs*



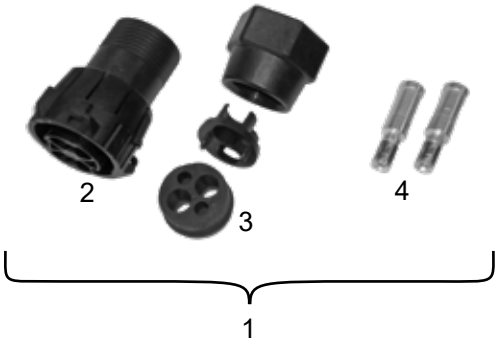
Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23368**	**DTP Connector kit**
2	1	H21888	Plug, 2-way
3	1	H21886	Receptacle, 2-Way
4	1	H21889	Wedgelock Plug, 2-Way
5	1	H21887	Wedgelock Recep., 2-Way
6	2*	H21884	Female Contact - Socket 2,08-3,31mm^2
7	2*	H21885	Male Contact - Pin 2,08-3,31mm^2

**minimum order quantity: 20 pcs*



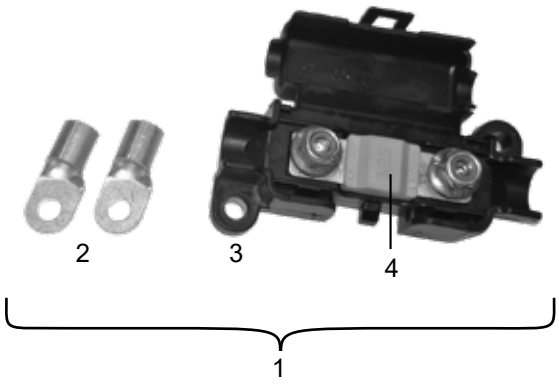
Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23364**	**Battery cable connector kit - Vehicle side**
2	1	H21923	Sealing set
3	1	H21847	Connector housing
4	2*	H21850	Crimp pin

**minimum order quantity: 20 pcs*

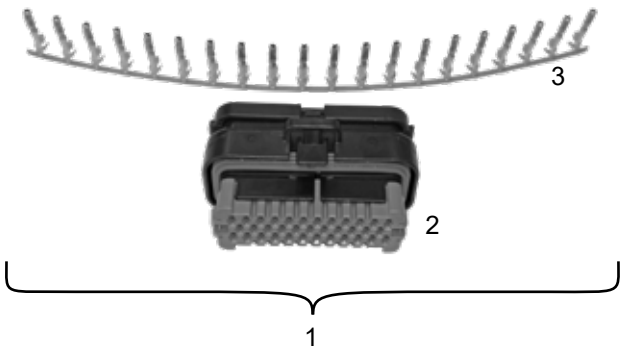


Item	*Qty*	*Part no.*	*Description*
1	**1**	**H23365**	**Battery cable connector kit - Spreader side**
2	1	H21853	Connector housing
3	1	H21923	Sealing set
4	2*	H21851	Crimp pin

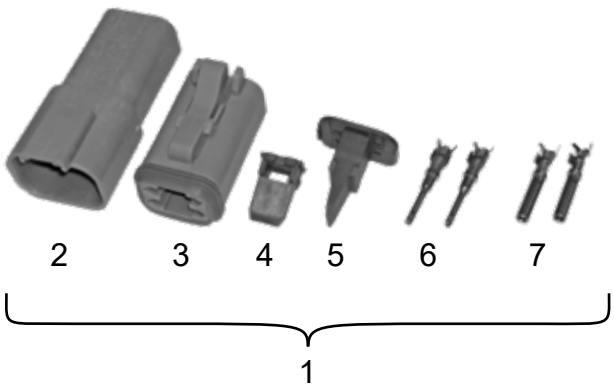
**minimum order quantity: 20 pcs*



Item	Qty	Part no.	Description
1	**1**	**H23371**	**Fuse holder accessories**
2	2	H21933	Connector 5-16mm²
3	1	H21868	Fuse holder midval
4	1	H21869	Fuse Midval 80A



Item	Qty	Part no.	Description
1	**1**	**H23369**	**IO module connector kit**
2	1	H21955	Connector Housing AMPSEAL 35 pin
3	20	H21956	Female Contact - Socket



Item	Qty	Part no.	Description
1	**1**	**H23370**	**Rear lights connector kit**
2	1	H21910	Receptacle, 4-Way
3	1	H21908	Plug, 4-Way
4	1	H21911	Wedgelock Recep., 4-Way
5	1	H21909	Wedgelock Plug, 4-Way
6	2*	H21883	Male Contact - Pin 0,823-1,31mm²
7	2*	H21881	Female Contact - Socket 0,823-1,31mm²

**minimum order quantity: 20 pcs*

1



Item	Qty	Part no.	Description
1	1	H23529	Dielectric grease, 50g

1



Item	Qty	Part no.	Description
1	2	H21935	Connector for auger, 8-4 mm^2



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Construction, specifications and other details are subject to change without notice.