



PARTS LIST

500-2000 LITER DE-ICING SPRAYER
(US1350-5300 DE-ICING SPRAYER)

SPRAYBAR ASSEMBLY2

TANK ASSEMBLY3

PUMP MODULE.....4-5

FRAME ASSEMBLY6

ADJUSTABLE LEG - FRONT AND REAR 7

HANDLE8

STOPPER.....8

1000-2000 L FILL PIPE ASSEMBLY9

CONTROLLER ASSEMBLY9

CABLES..... 10

CONNECTORS..... 11-14

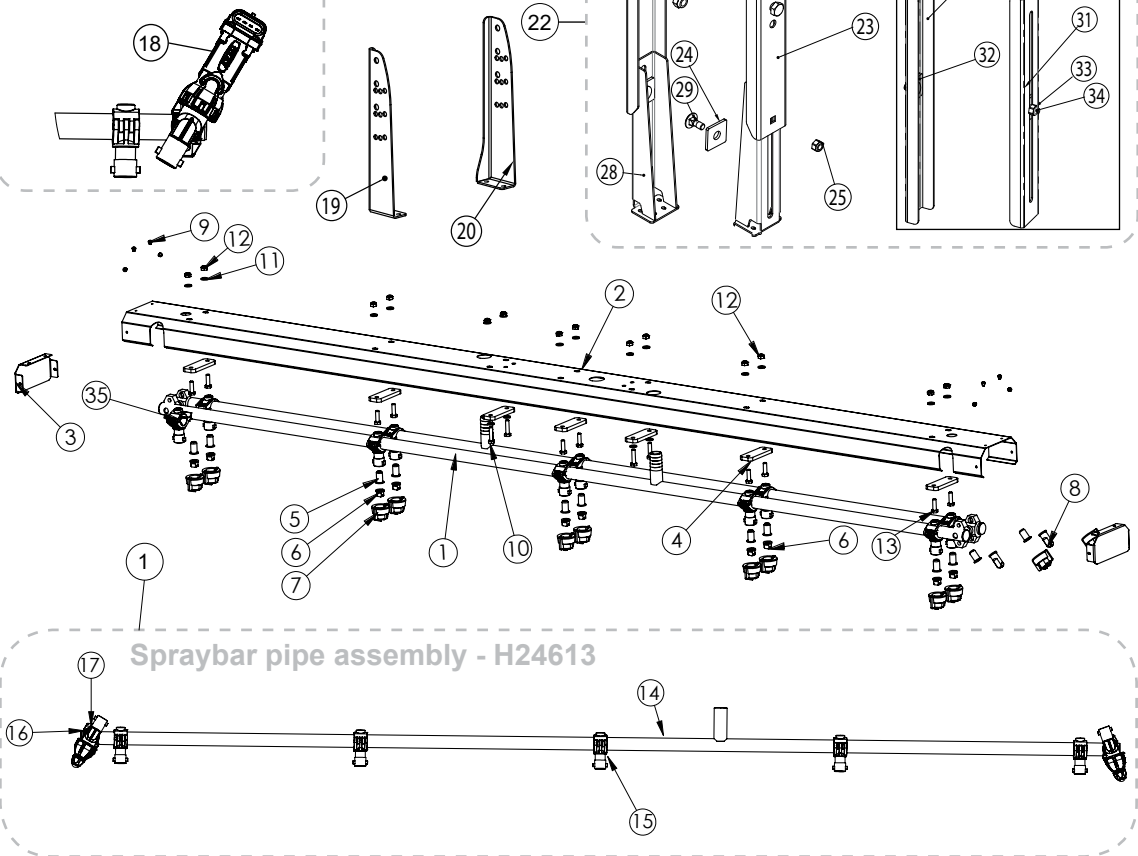
SPRAYBAR ASSEMBLY - H24582

Item	Qty	Part no.	Description
1	2	H24613	Spraybar pipe assembly
2	1	H24583	Cover plate
3	2	H24584	Endplate
4	7	H24585	Shimplate
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	Spraybar 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

Item	Qty	Part no.	Description
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	Lockbolt 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

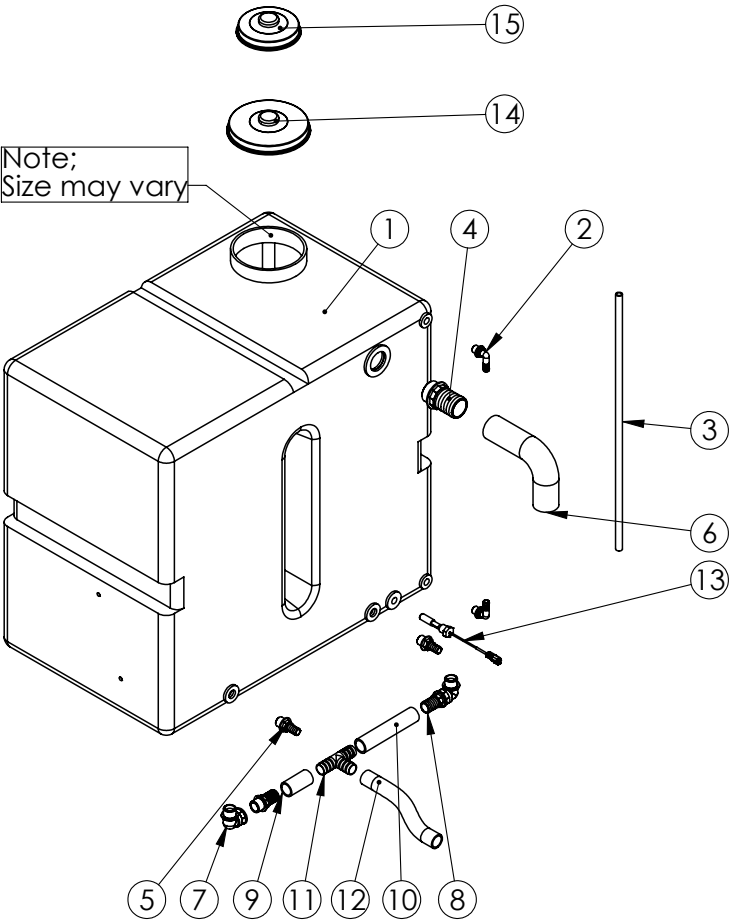
Electrical Solenoid H27451
Included in (optional) accessory H25022

Telescopic holder H28440



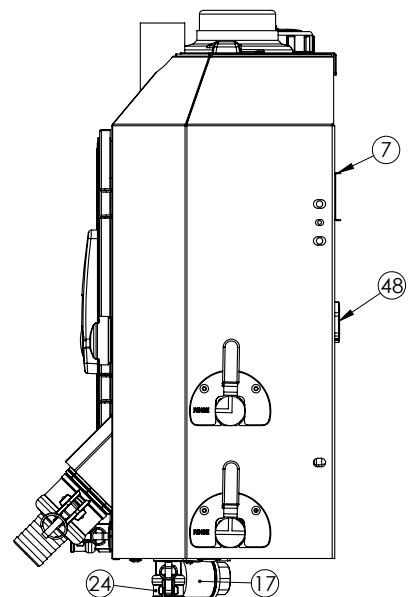
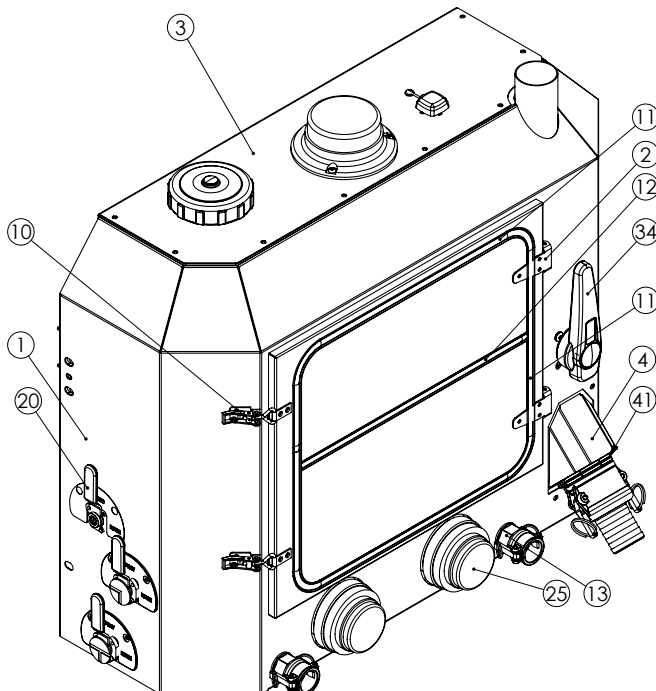
TANK ASSEMBLY - H26241

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)

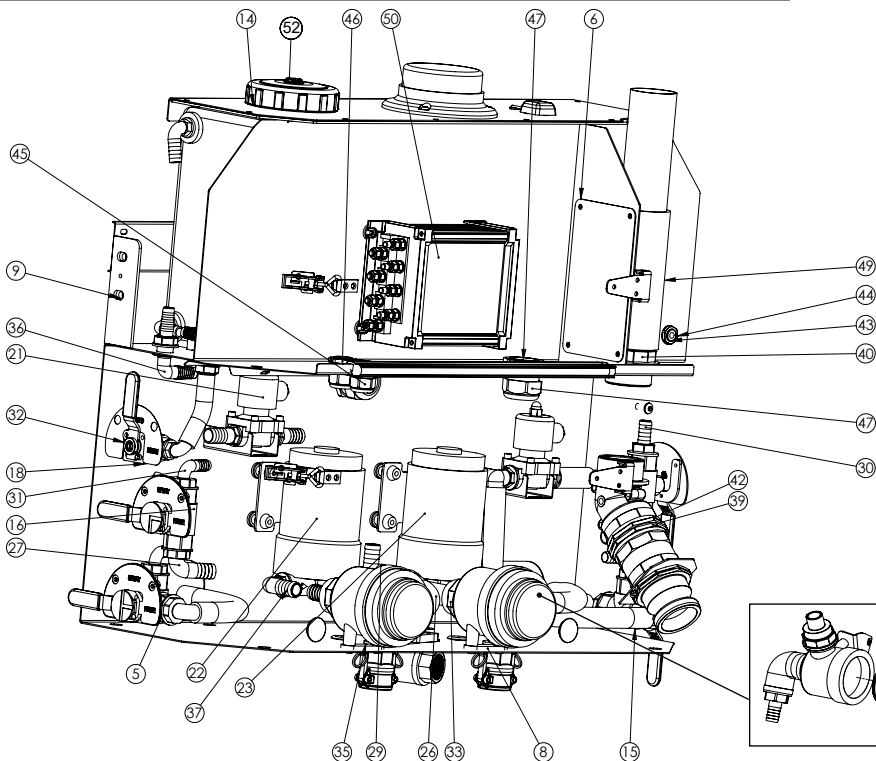


PUMP MODULE - H25210

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	Shimplate
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	H25339	Liquid pump bypass 12V
23	1	H41828	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"



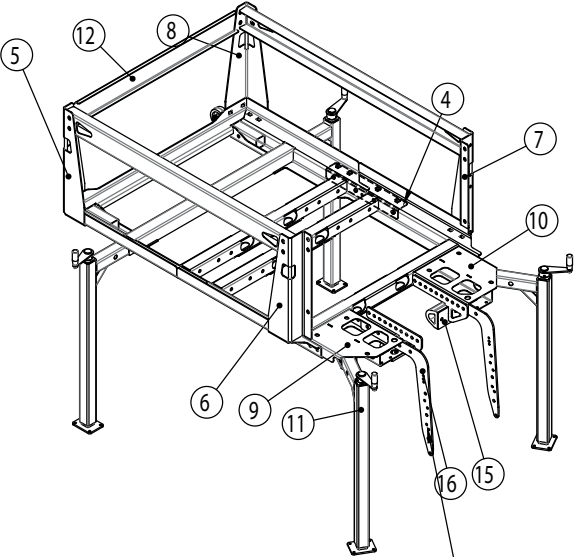
27	8	H22951	90 deg hose fitting G3/4"-20
28	3	H22955	Straight hose fitting G1/2"-20
29	1	H22956	Straight hose fitting G 1 1/4"-20
30	1	H23024	Straight hose fitting G3/4"-16
31	3	H23033	90 deg hose fitting G3/4"-16
32	4	H23036	90 deg hose fitting G1/2"-16
33	3	H24490	Straight hose fitting G1 1/4"-21
34	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



FRAME ASSEMBLY

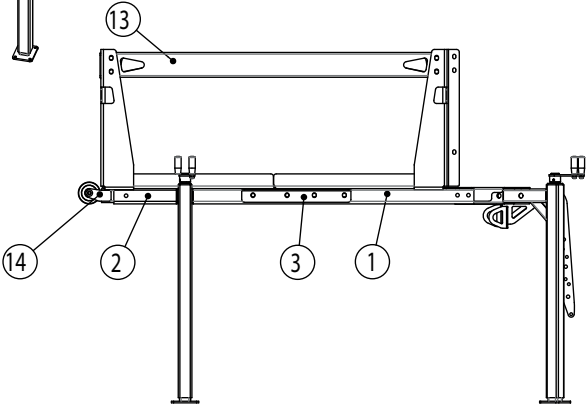
Frame assembly	Model 500	Model 1000	Model 1500	Model 2000
	H26240	H26242	H26243	H26244

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



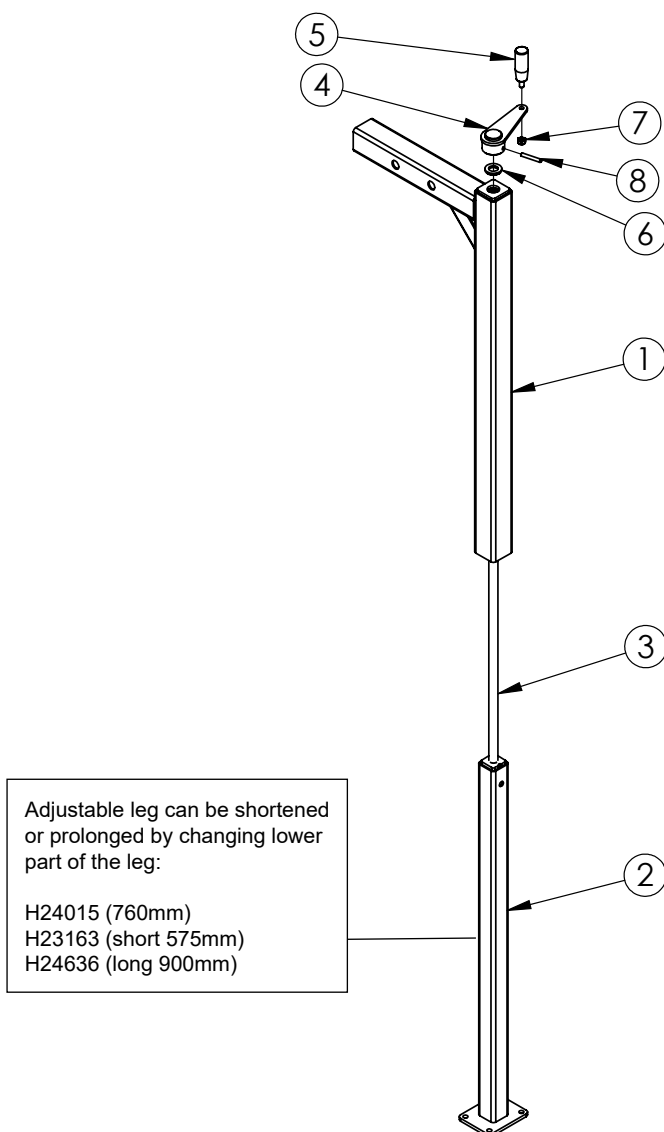
Model 1000 shown

Position 16 can be changed to short bracket H24629, or telescopic holder H28441



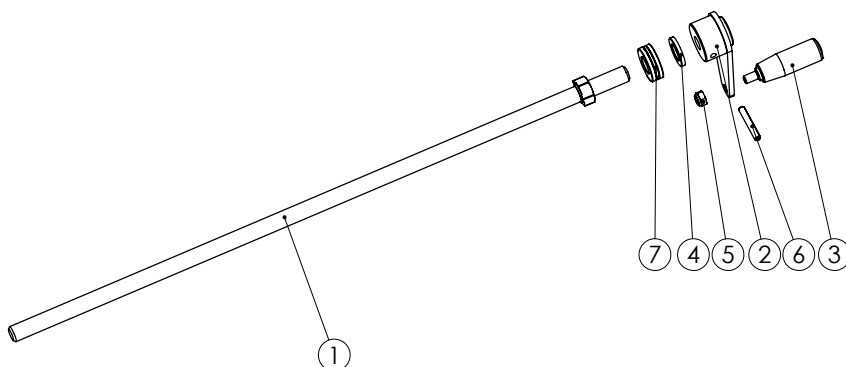
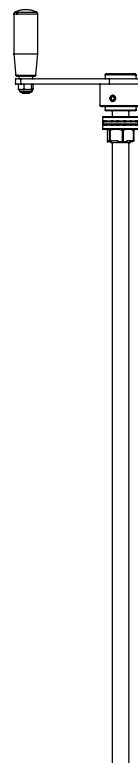
ADJUSTABLE LEG - FRONT & REAR - H24012

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



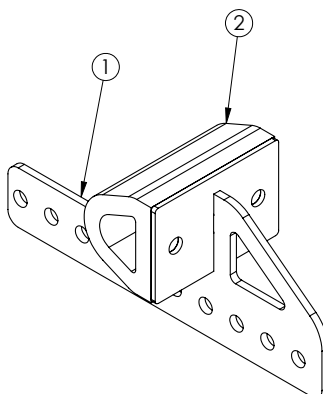
HANDLE

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



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

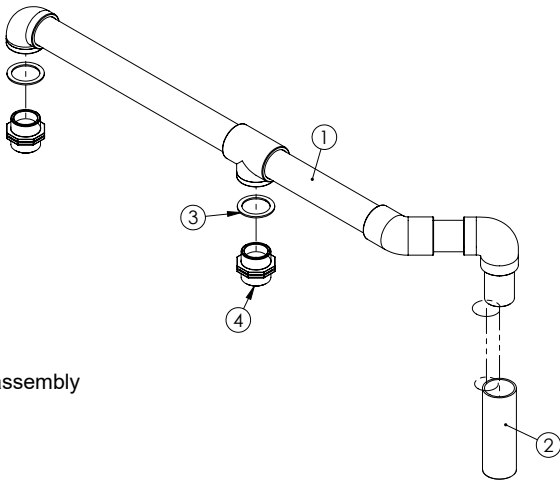
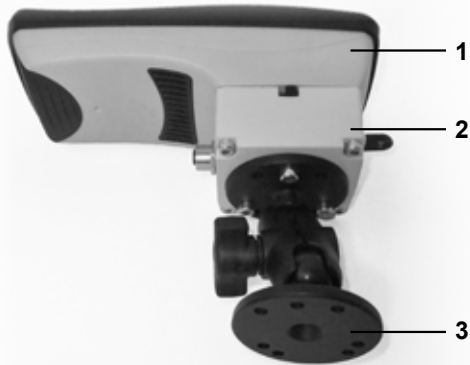


Image shows 1000 l fill pipe assembly

CONTROLLER ASSEMBLY - H21913



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

CABLES

1a (whole assembly)



1a. H30278 Sprayer side harness to vehicle side harness (battery + data cable)

1b. H22761 Sprayer side 8-pin harness 2m

2a (whole assembly)



2a. H21694 Vehicle side harness assembly

2b. H22756 Vehicle side 8-pin harness

3 (OPTIONAL)

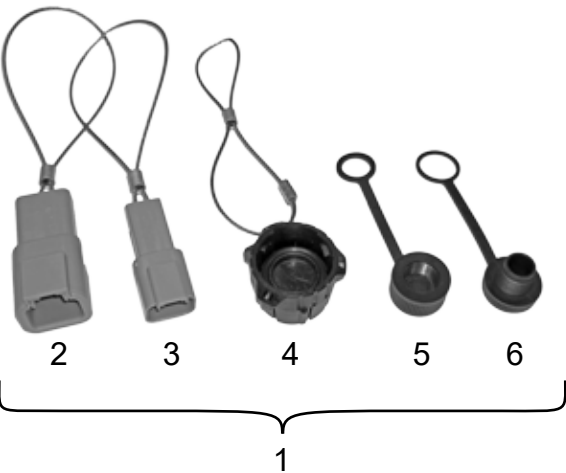


3. H23205 Optional extension harness, 2m

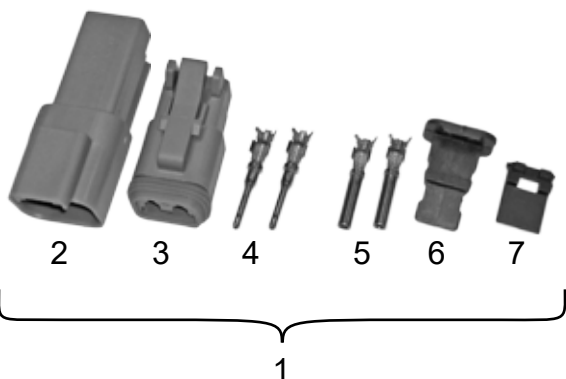
H22120 Optional extension harness, 5m

See page 11-14 for list of cable connectors.

CONNECTORS

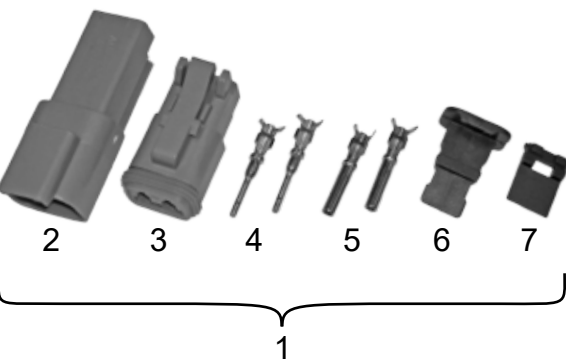


Item	Qty	Part no.	Description
1	1	H23361	Endcap kit
2	1	H22305	Protective cap ATP
3	1	H22304	Protective cap AT
4	1	H23360	Protective sealing cap
5	1	H22168	Sealing Cap female
6	1	H22169	Sealing Cap male



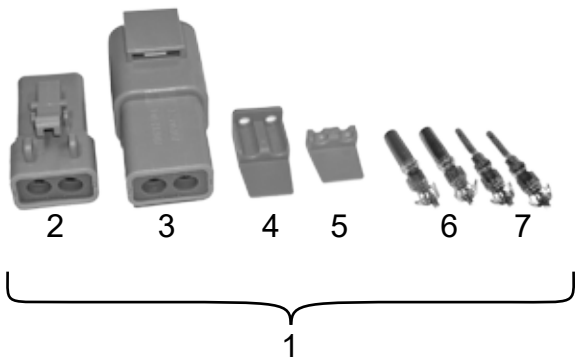
Item	Qty	Part no.	Description
1	1	H23366	DT connector kit 1mm²
2	1	H21879	Receptacle, 2-Way
3	1	H21877	Plug, 2-way
4	2*	H21883	Male Contact - Pin 0,823-1,31mm²
5	2*	H21881	Female Contact - Socket 0,823-1,31mm²
6	1	H21878	Wedgelock Plug, 2-Way
7	1	H21880	Wedgelock Recep., 2-Way

*minimum order quantity: 20 pcs



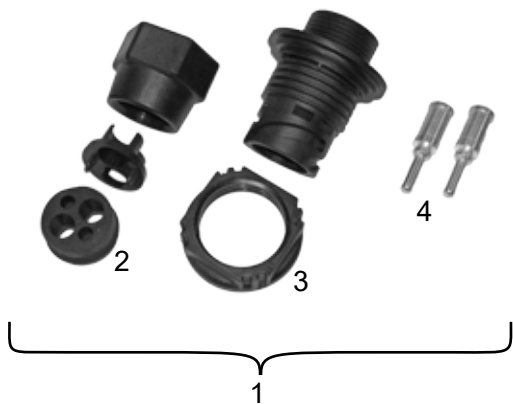
Item	Qty	Part no.	Description
1	1	H23367	DT connector kit 2,5mm²
2	1	H21879	Receptacle, 2-Way
3	1	H21877	Plug, 2-way
4	2*	H21882	Male Contact - Pin 1,31-2,08mm²
5	2*	H21876	Female Contact - Socket 1,31-2,08mm²
6	1	H21878	Wedgelock Plug, 2-Way
7	1	H21880	Wedgelock Recep., 2-Way

*minimum order quantity: 20 pcs



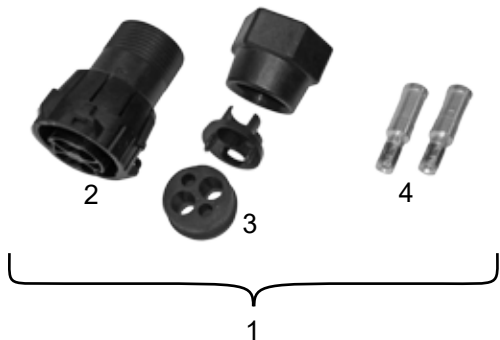
Item	Qty	Part no.	Description
1	1	H23368	DTP Connector kit
2	1	H21888	Plug, 2-way
3	1	H21886	Receptacle, 2-Way
4	1	H21889	Wedgelock Plug, 2-Way
5	1	H21887	Wedgelock Recep., 2-Way
6	2*	H21884	Female Contact - Socket 2,08-3,31mm ²
7	2*	H21885	Male Contact - Pin 2,08-3,31mm ²

*minimum order quantity: 20 pcs



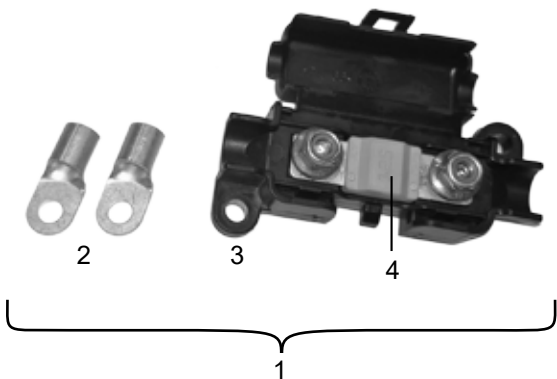
Item	Qty	Part no.	Description
1	1	H23364	Battery cable connector kit - Vehicle side
2	1	H21923	Sealing set
3	1	H21847	Connector housing
4	2*	H21850	Crimp pin

*minimum order quantity: 20 pcs

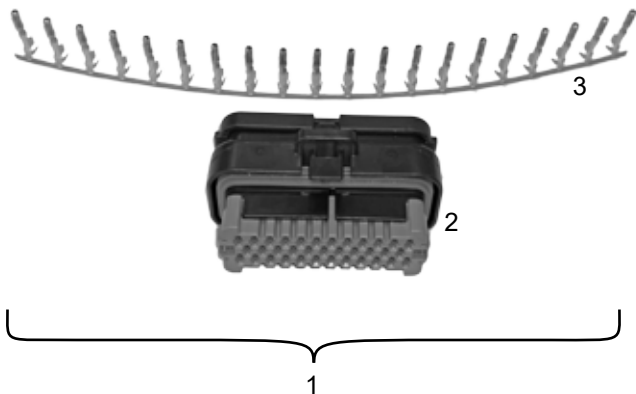


Item	Qty	Part no.	Description
1	1	H23365	Battery cable connector kit - Spreader side
2	1	H21853	Connector housing
3	1	H21923	Sealing set
4	2*	H21851	Crimp pin

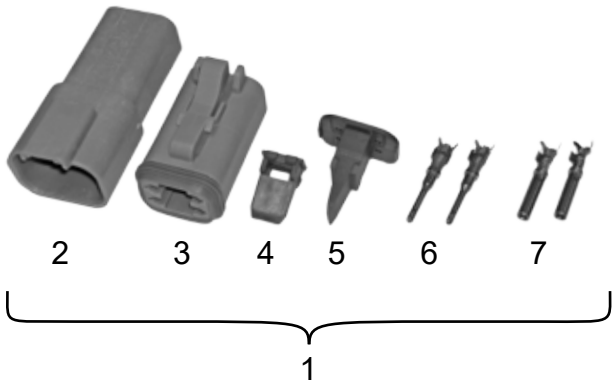
*minimum order quantity: 20 pcs



Item	Qty	Part no.	Description
1	1	H23371	Fuse holder accessories
2	2	H21933	Connector 5-16mm ²
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 0,823-1,31mm ²
7	2*	H21881	Female Contact - Socket 0,823-1,31mm ²

*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 mm²