



Ice **STRIKER**

STANDARD

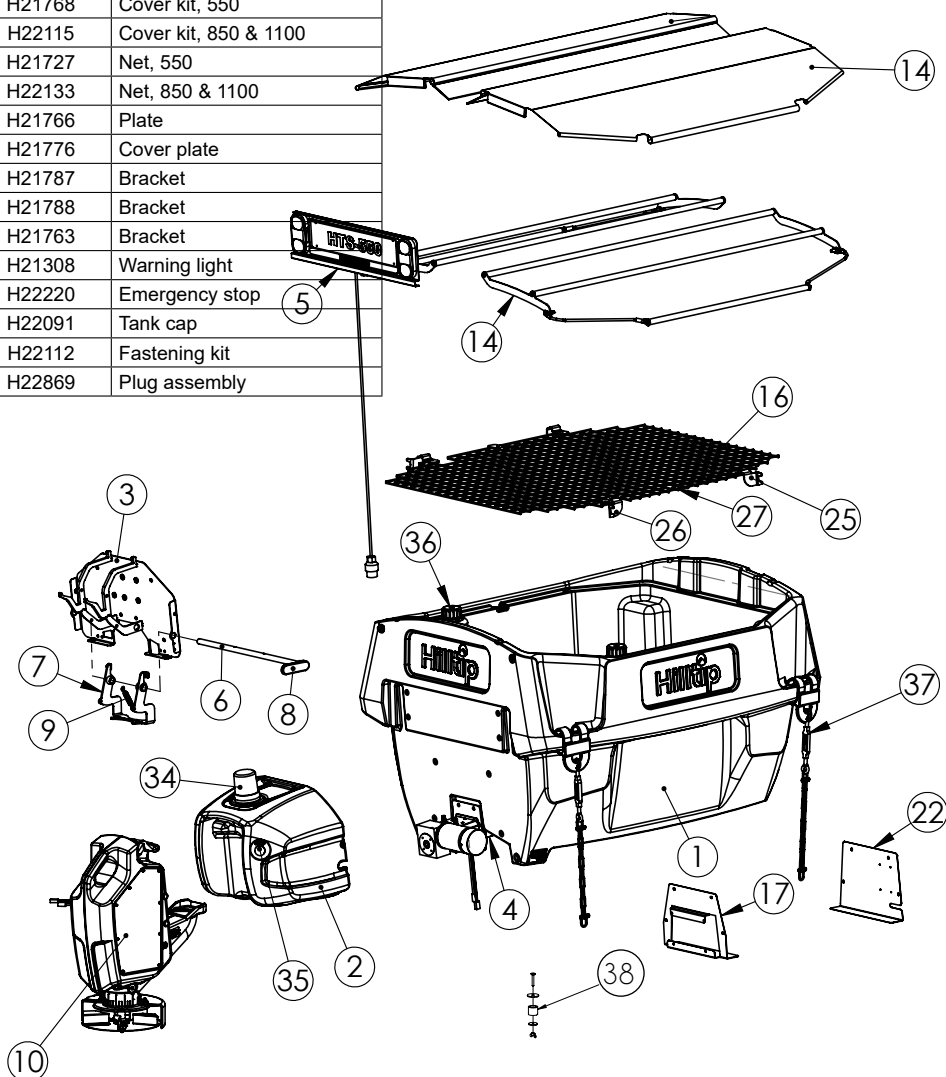
PARTS LIST

550-1100 LITER POLY ELECTRIC SPREADER

SPREADER ASSEMBLY	2
ELECTRICAL COMPONENTS	3
CONTROLLER ASSEMBLY	3
CABLE ASSEMBLIES (PICTURES)	4-5
SPINNER ASSEMBLY	6
MOTOR GEARBOX ASSEMBLY	7
AUGER DRIVE ASSEMBLY	8
INVERTED V KIT	9
TARP COVER ASSEMBLY	10
CONNECTORS	11-13
TECHNICAL SPECIFICATIONS	14-15

SPREADER ASSEMBLY

Item	Qty	Part number	Description	Red	Orange	Gray
1	1		IceStriker 550	H21700	H21701	H21702
	1		IceStriker 850 & 1100	H21801	H21802	H21803
2	1	H23207	Rear cover			
3	1	H21739	Bracket			
4	1	H21730	Bottom chute			
5	1	H21307	Rear lights & license plate kit			
	1	H22401	Driver side			
	1	H22402	Passenger side			
	1	H22071	Cable/7-pin harness			
	1	H23436	Cable/13-pin harness			
6	1	H21790	Pipe			
7	1	H21747	Bracket			
8	1	H21765	Handle			
9	1	H22092	Spring			
10	1	H22073	Spinner assembly short			
14	1	H21768	Cover kit, 550			
	1	H22115	Cover kit, 850 & 1100			
16	1	H21727	Net, 550			
	1	H22133	Net, 850 & 1100			
17	1	H21766	Plate			
22	1	H21776	Cover plate			
25	2	H21787	Bracket			
26	2	H21788	Bracket			
27	2	H21763	Bracket			
34	1	H21308	Warning light			
35	1	H22220	Emergency stop			
36	2	H22091	Tank cap			
37	1	H22112	Fastening kit			
38	1	H22869	Plug assembly			



ELECTRICAL COMPONENTS

Models delivered between fall 2013 and July 2014

Model 550 serial No. 1710.1320.0000.0240 → 0302.1420.0000.0519

Model 850 serial No. 0811.1320.0000.0390 → 0402.1420.0000.0647

Item	Part number	Description
ns	H21914	Vehicle side harness assembly
ns	H22120	Extension harness 5m (optional)
ns	H23205	Extension harness 2m (optional)
ns	H21913	Controller Assembly
ns	H21915	Spreader side harness, 550
ns	H21916	Spreader side harness, 850
ns	H22096	Spreader module
ns	H23206	GPS antenna kit
ns	H21826	Vehicle side 8-pin harness
ns	H22175	Spreader side 8-pin harness (out in rear)
ns	H23084	Work light split adapter cable (optional)

See page 4 for pictures of cable assemblies

Models delivered since fall 2014 →

Model 550 serial No. 0909.1420.0000.0520 →

Model 850 serial No. 0402.1420.0000.0648 →

Item	Part number	Description
ns	H22753	Vehicle side harness assembly
ns	H22120	Extension harness 5m (optional)
ns	H23205	Extension harness 2m (optional)
ns	H21913	Controller Assembly
ns	H22757	Spreader side harness, 550
ns	H22764	Spreader side harness, 850 & 1100
ns	H22758	Spreader side harness to vehicle side harness, 550 & 850 & 1100 (battery + data cable)
ns	H22096	Spreader module
ns	H23206	GPS antenna kit
ns	H22756	Vehicle side 8-pin harness
ns	H22761	Spreader side 8-pin harness (out in front)
ns	H23084	Work light split adapter cable (optional)

See page 5 for pictures of cable assemblies

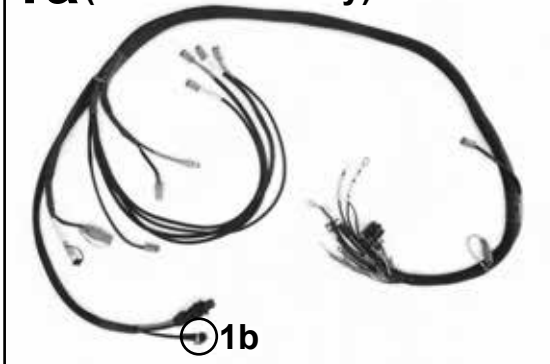
CONTROLLER ASSEMBLY H21913



Item	Part number	Description
1	H22739	Controller front
2	H22975	Controller circuit assembly
3	H22960	RAM mount

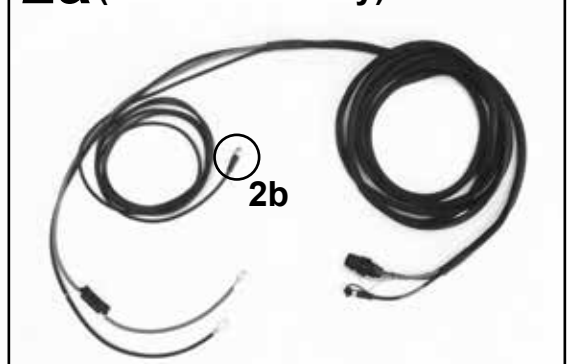
CABLES (models delivered between fall 2013 and July 2014)

1a (whole assembly)



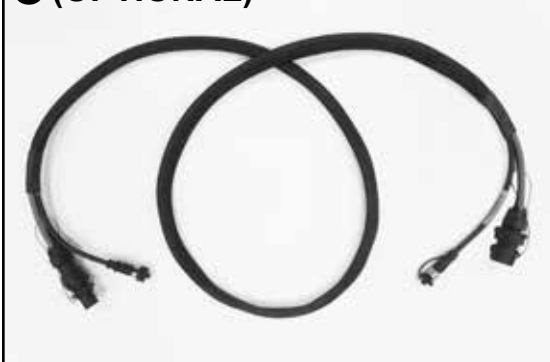
- 1a. H21915 Spreader side harness 550
H21916 Spreader side harness 850
- 1b. H22175 Spreader side 8-pin harness

2a (whole assembly)



- 2a. H21914 Vehicle side harness
- 2b. H21826 Vehicle side 8-pin harness

3 (OPTIONAL)



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

CABLES (models delivered since fall 2014)

1a (whole assembly)



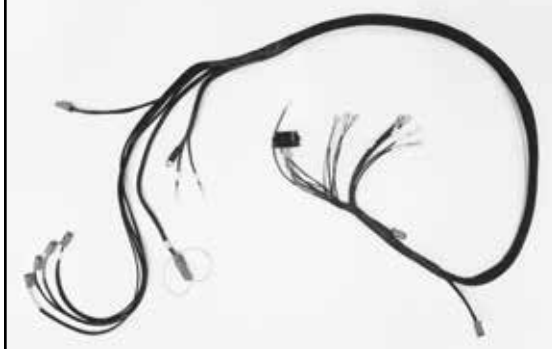
- 1a. H22758 Spreader side harness to vehicle side harness (battery + data cable)
1b. H22761 Spreader side 8-pin harness 2m

2a (whole assembly)



- 2a. H22753 Vehicle side harness assembly
2b. H22756 Vehicle side 8-pin harness

3 (whole assembly)



3. H22757 Spreader side harness, 550
H22764 Spreader side harness, 850 & 1100

4 (OPTIONAL)



4. H23205 Optional extension harness, 2m
H22120 Optional extension harness, 5m

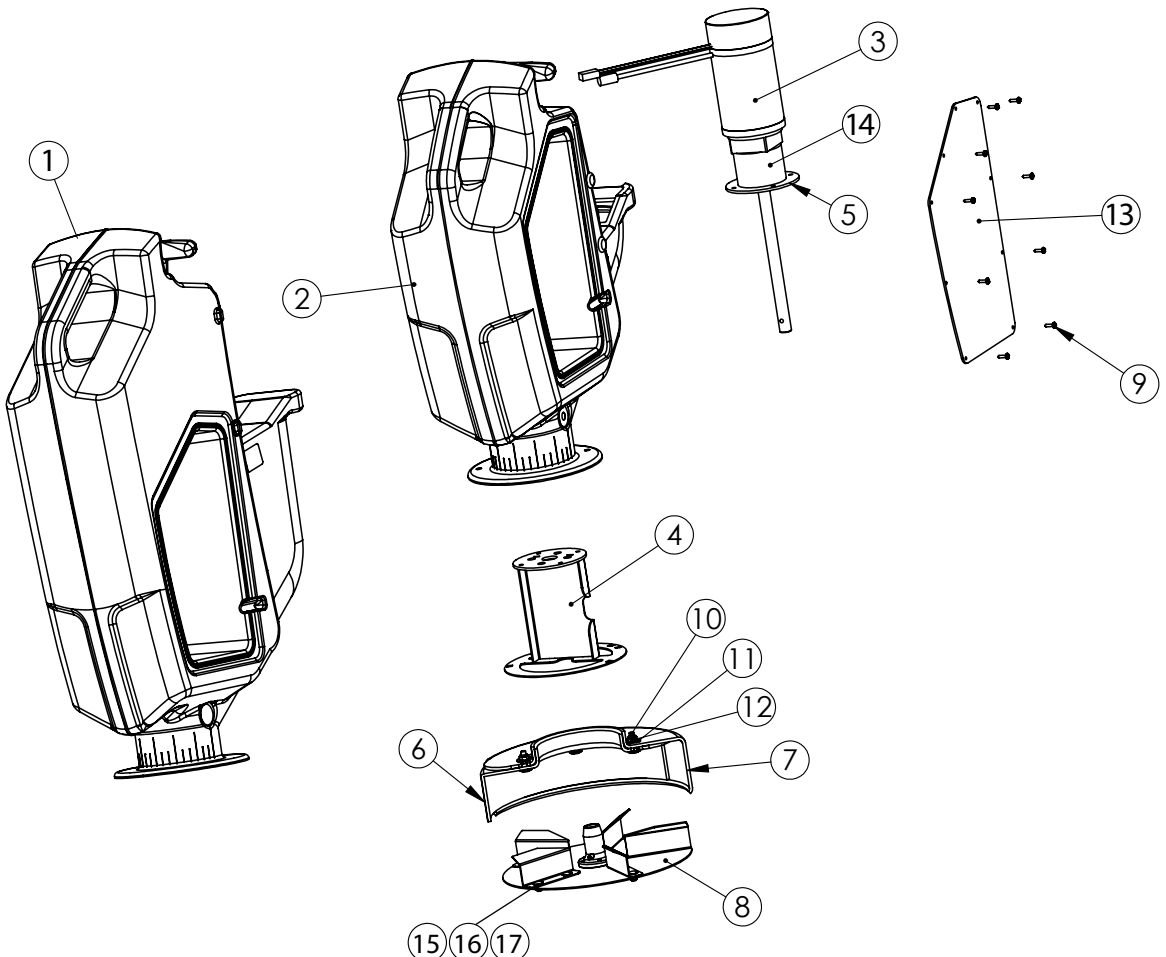
See page 11 for list of cable connectors.

SPINNER ASSEMBLY

Chute assembly short
H22073

Chute assembly long
H21800

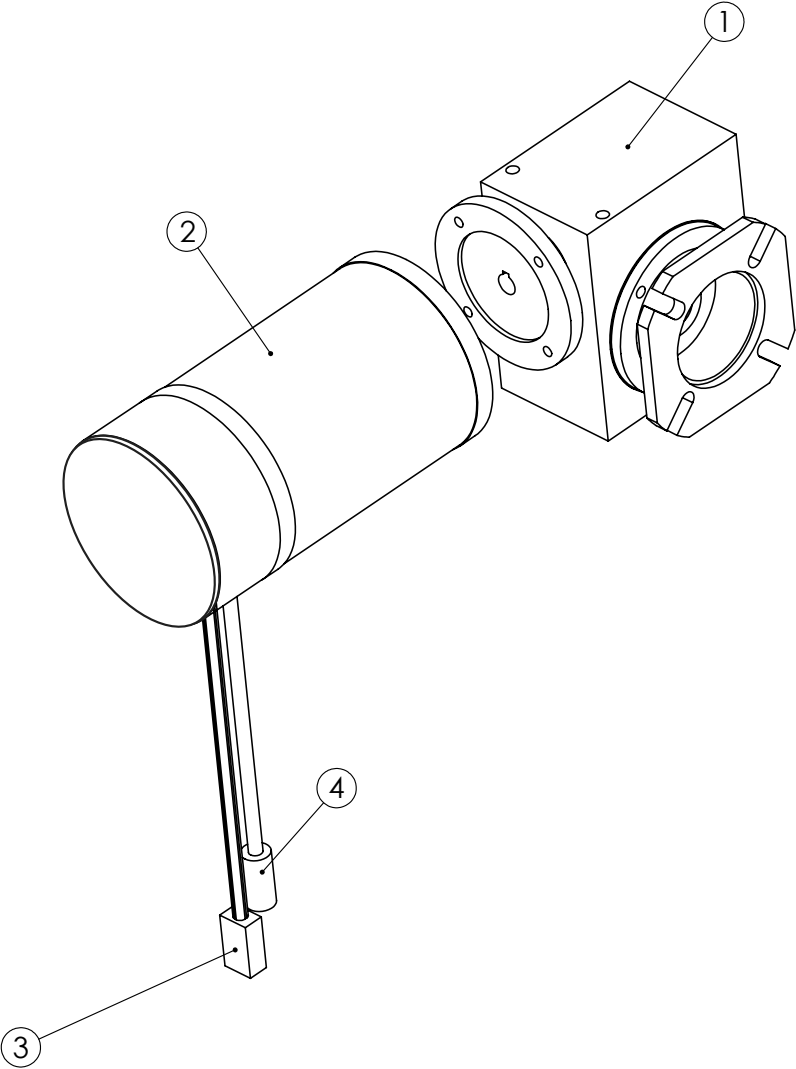
Item	Qty	Part number	Description
1	1	H21705	Spinner housing long
2	1	H21704	Spinner housing short
3	1	H22216	Motor, Spinner 250W
4	1	H21750	Bracket
5	1	H21753	Plate
6	1	H21706	Spinner cover
7	1	H21706	Spinner cover
8	1	H21760	Spinner assembly
9	9	H22072	Torx screw
10	3	HF10937	Lockbolt M8x30 A2 ISO 8677
11	3	HF10533	Washer DIN 9021 M8 A4
12	3	HF10513	Nylock M8 A4
13	1	H21746	Plate
14	1	H21842	Spinner gearbox
15	10	HF19113	Lockbolt M6x12 A4
16	10	HF10501	Washer M6 A4 DIN 127
17	10	HF10512	LOCK NUT M6 A4



MOTOR GEARBOX ASSEMBLY

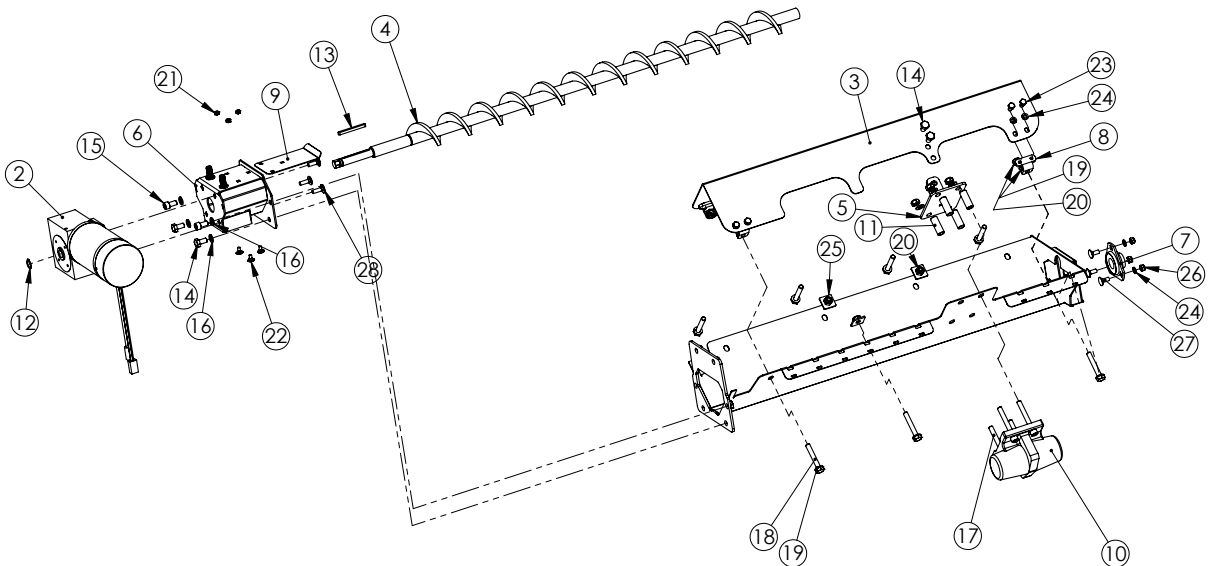
H21839

Item	Qty	Part number	Description
1	1	H22391	Gearbox 1:20
2	1	H24794	Motor
3	1	H21888	Connector
4	1	H21906	Connector



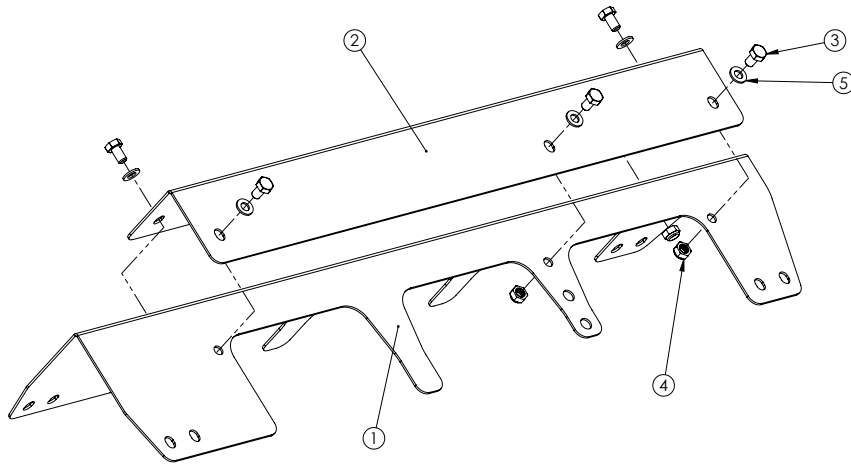
AUGER DRIVE ASSEMBLY

Item	Qty	Part number	Description
2	1	H21839	Auger gearbox motor subassembly
3	1	H22529	Inverted V Kit
4	1	H21735	Auger screw
5	1	H21820	Inv Vee bracket
6	1	H21771	Bracket
7	1	H22085	Bearing unit
8	4	H21786	Inv Vee bracket
9	1	H21821	Shield screw
10	1	H22218	Vibrator
11	4	H22080	Bush Ø 16
12	1	H22081	Circlip
13	1	H22082	Parallel key
14	4	HF10672	Hex Bolt M10x20
15	2	HF10378	Hexagon socket head bolt
16	4	HF10493	Lock washer
17	4	HF10386	Hexagon socket head bolt
18	7	HF10124	Hex Bolt M10x65
19	15	HF10479	Washer
20	13	HF10503	LOCK NUT M10
21	3	HF10512	LOCK NUT M6 A4
22	3	HF19113	Lockbolt M6x12 A4
23	8	HF10742	Hex Bolt M10x65
24	15	HF10502	Lock washer
25	3	HF19117	Square washer
26	7	HF10513	Nylock M8 A4
27	3	HF10935	Lockbolt M8x20 A4
28	4	HF10936	Lockbolt M8x25 A4



INVERTED V KIT - H22529

Item	Qty	Part number	Description
1	1	H22530	inverted V
2	1	H22531	Plate
3	5	HF19348	Bolt M8x14 DIN933 A4
4	5	HF10513	Nylock M8 A4
5	5	HF10492	DIN 125 M8 A4



TARP COVER ASSEMBLY

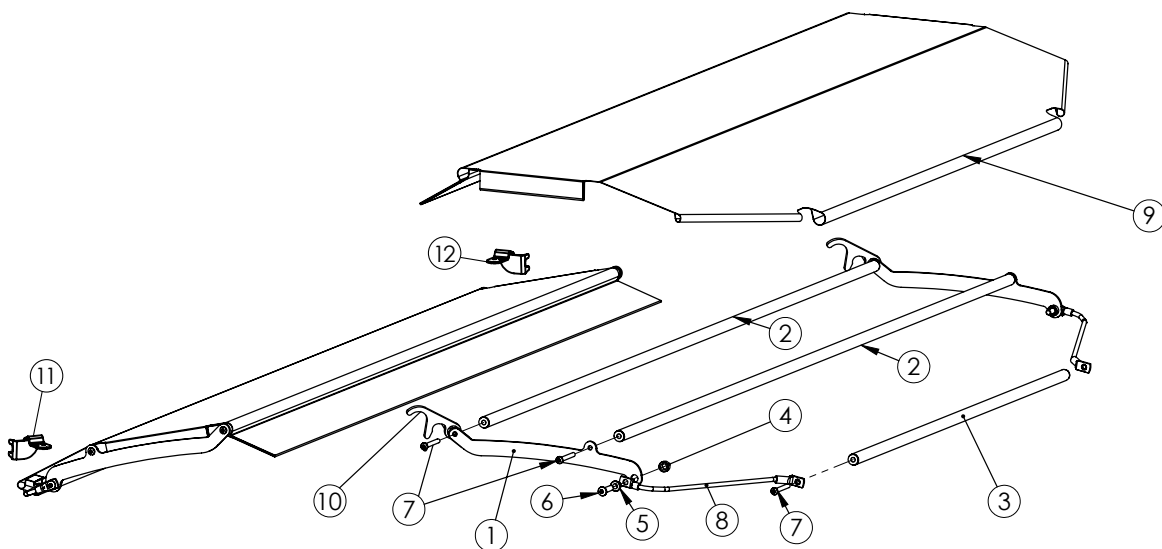
MODEL 550
H21768*

MODEL 850
H22115*

MODEL 1100
H26150*

Kit	Item	Qty	Part no.	Description
<i>Model 550&850:</i> Cover fixation kit - H22135	1	4	H21785	Bracket*
	ns	1	H22134	Bolt bag, Cover
	8	4	H21854	Cover fixation assembly
	10	2	H22488	Hook*
	11	2	H21787	Bracket
	12	2	H21788	Bracket
<i>Model 1100:</i> Cover fixation kit - H21809	1	4	H21785	Bracket*
	ns	1	H22134	Bolt bag, Cover
	8	4	H21854	Cover fixation assembly
	10	2	H22488	Hook*
		4	H24423	Bracket
		16	HF19367	Lock bolt M6
Bolt bag H22134		16	HF10474	Lock nut M6
	4	4	H21774	Washer
	5	4	H21773	Bush
	6	4	HF11010	Hexagon socket head bolt M10
	7	12	HF19118	Hexagon socket head bolt M8
	ns	4	HF10745	Hexagon socket head bolt M8
<i>Model 550:</i> Cover and pipes-kit - H26125	ns	4	HF10502	Lock washer M8
	2	4	H22089	Pipe assembly, 550
	3	2	H22088	Pipe assembly, 550
<i>Model 850&1100:</i> Cover and pipes-kit - H26126	9	2	H22500	Cover, 550*
	2	4	H22117	Pipe assembly, 850 & 1100
	3	2	H22116	Pipe assembly, 850 & 1100
	9	2	H22501	Cover, 850 & 1100 *

* updated parts since 2014

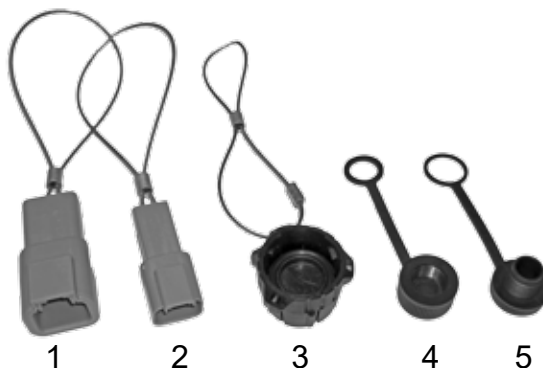


CONNECTORS

H23361 Endcap kit

Item Part no. Qty Description

1	H22305	1	Protective cap ATP
2	H22304	1	Protective cap AT
3	H23360	1	Protective sealing cap
4	H22168	1	Sealing Cap female
5	H22169	1	Sealing Cap male

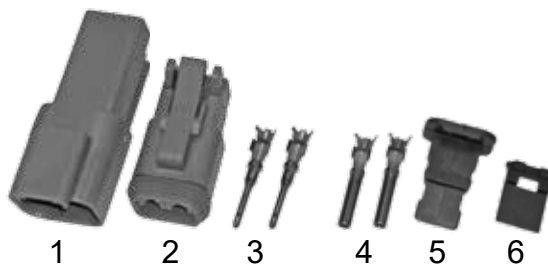


H23366 DT connector kit 1mm²

Item Part no. Qty Description

1	H21879	1	Receptacle, 2-Way	
2	H21877	1	Plug, 2-way	
3	H21883*	2	Male Contact - Pin	0,823-1,31mm ²
4	H21881*	2	Female Contact - Socket	0,823-1,31mm ²
5	H21878	1	Wedgelock Plug, 2-Way	
6	H21880	1	Wedgelock Recep., 2-Way	

*minimum order quantity: 20 pcs

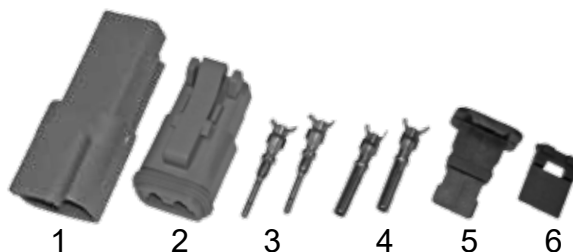


H23367 DT connector kit 2,5mm²

Item Part no. Qty Description

1	H21879	1	Receptacle, 2-Way	
2	H21877	1	Plug, 2-way	
3	H21882*	2	Male Contact - Pin	1,31-2,08mm ²
4	H21876*	2	Female Contact - Socket	1,31-2,08mm ²
5	H21878	1	Wedgelock Plug, 2-Way	
6	H21880	1	Wedgelock Recep., 2-Way	

*minimum order quantity: 20 pcs

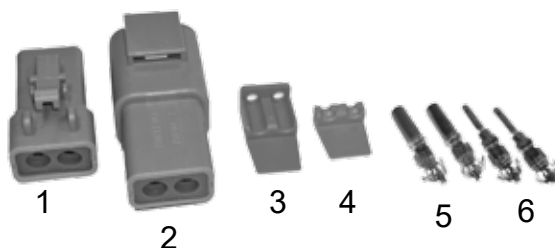


H23368 DTP Connector kit

Item Part no. Qty Description

1	H21888	1	Plug, 2-way	
2	H21886	1	Receptacle, 2-Way	
3	H21889	1	Wedgelock Plug, 2-Way	
4	H21887	1	Wedgelock Recep., 2-Way	
5	H21884*	2	Female Contact - Socket	2,08-3,31mm ²
6	H21885*	2	Male Contact - Pin	2,08-3,31mm ²

*minimum order quantity: 20 pcs



H23364 Battery cable connector kit - vehicle side

Item Part no. Qty Description

1	H21923	1	Sealing set
2	H21847	1	Connector housing
3	H21850*	2	Crimp pin

*minimum order quantity: 20 pcs



H23365 Battery cable connector kit - spreader side

Item Part no. Qty Description

1	H21853	1	Connector housing
2	H21923	1	Sealing set
3	H21851*	2	Crimp pin

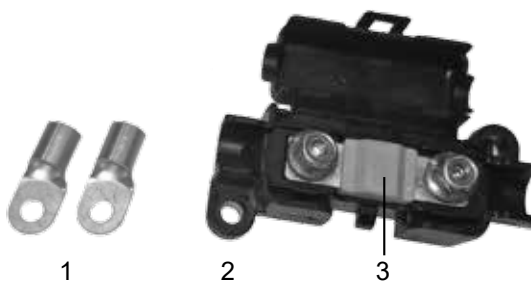
*minimum order quantity: 20 pcs



H23371 Fuse holder accessories

Item Part no. Qty Description

1	H21933	2	Connector 5-16mm ²
2	H21868	1	Fuse holder midval
3	H21869	1	Fuse Midval 80A



H23369 IO module connector kit

Item Part no. Qty Description

1	H21955	1	Connector Housing AMPSEAL 35 pin
2	H21956	20	Female Contact - Socket



H23370 Rear lights connector kit

Item Part no. Qty Description

1	H21910	1	Receptacle, 4-Way	
2	H21908	1	Plug, 4-Way	
3	H21911	1	Wedgelock Recep., 4-Way	
4	H21909	1	Wedgelock Plug, 4-Way	
5	H21883*	2	Male Contact - Pin	0,823-1,31mm ²
6	H21881*	2	Female Contact - Socket	0,823-1,31mm ²

*minimum order quantity: 20 pcs



H23529 Dielectric grease

Item Part no. Qty Description

1	H23529	1	Dielectric grease, 50g
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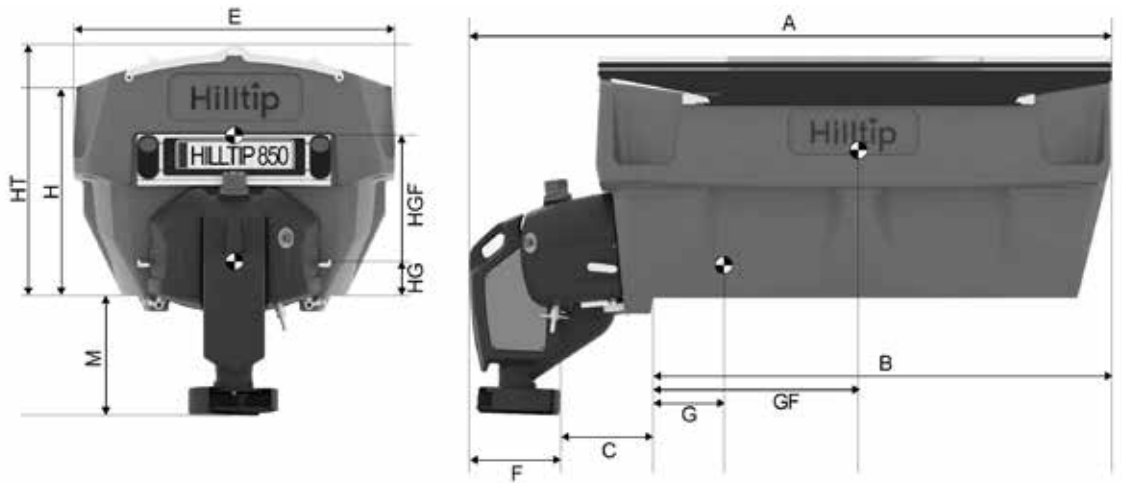
H21935 Auger Connector

Item Part no. Qty Description

1	H21935	2	Connector for auger, 8-4 mm ²
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TECHNICAL INFORMATION



Key	Description (mm)	550	850	1100
A	Total length	2005	2505	2505
B	Maximum external hopper length	1300	1780	1780
C	Free distance between hopper and chute	345	345	345
E	Maximum external width (with tarp mounted)	1250	1250	1250
F	Total length of spreading group (disc + chute)	360	360	360
G	Distance from the centre of gravity to the rear part of the hopper (empty)	228	375	375
GF	Distance from the centre of gravity to the rear part of the hopper (full)	570	710	710
H	Height of the hopper from the loading surface of the carrying vehicle	775	775	925
HG	Height of the centre of gravity from the loading surface of the carrying vehicle (empty)	64	245	300
HGF	Height of the centre of gravity from the loading surface of the carrying vehicle (full)	500	600	700
HT	Total height of the hopper from the loading surface of the carrying vehicle	925	925	1075
M	Distance between spreading disc and loading surface of the carrying vehicle	435 (685 = long chute)		

Description	550	850	1100
Hopper volume, water level (<i>H</i> level)	500 l	710 l	1000 l
Hopper volume, rounded (<i>HT</i> level)	630 l	880 l	1100 l
Liquid tank capacity	330 l	450 l	450 l
Empty spreader weight	145 kg	190 kg	215 kg
Full loaded spreader solid material, <i>H</i> level	945 kg	1326 kg	1815 kg
Full loaded spreader solid material, <i>HT</i> level	1153 kg	1598 kg	1975 kg
Full loaded spreader solid material, <i>H</i> level, and liquid material full tank	1280 kg	1776 kg	2265 kg
Full loaded spreader solid material, <i>HT</i> level, and liquid material full tank	1483 kg	2048 kg	2425 kg

These numbers are based on the weight when using dry, coarse sand

TECHNICAL SPECIFICATIONS

Part	Specification	550	850	1100
Drive line	Auger, stainless steel	68mm	68mm	68mm
	Auger motor with encoder, IP65	320W	320W	320W
	Auger wormgear, IP65	YES	YES	YES
	Spinner motor, IP65	250W	250W	250W
	Spinner planet gear, IP65	YES	YES	YES
	Spinner (Standard model)	310mm	310mm	310mm
	Salt liquid pump, (Option) IP65	30-35l/min	30-35l/min	30-35l/min
Electrical	Controlbox 12V	Canbus	Canbus	Canbus
	Controller	Yes	Yes	Yes
	Main fuse	80A	80A	80A
	Amperage Draw Regular use	30-45A	30-45A	30-45A
	Vibrator, 90 kg force	15A	15A	15A
	Beacon light (option)	LED	LED	LED
	Rear light w. licens plate kit (option)	2x30 LED	2x30 LED	2x30 LED
	Work light LED X 5 (Option)	5 x LED	5 x LED	5 x LED
Software	Programs for different materials	Yes	Yes	Yes
	USB Connection to controller	Yes	Yes	Yes
	GPS & Manual controller	Yes	Yes	Yes

Specifications are subject to change without notice. We do not take any responsibility in any direct or indirect damages or warranty cases concernig the technical specifications.



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