

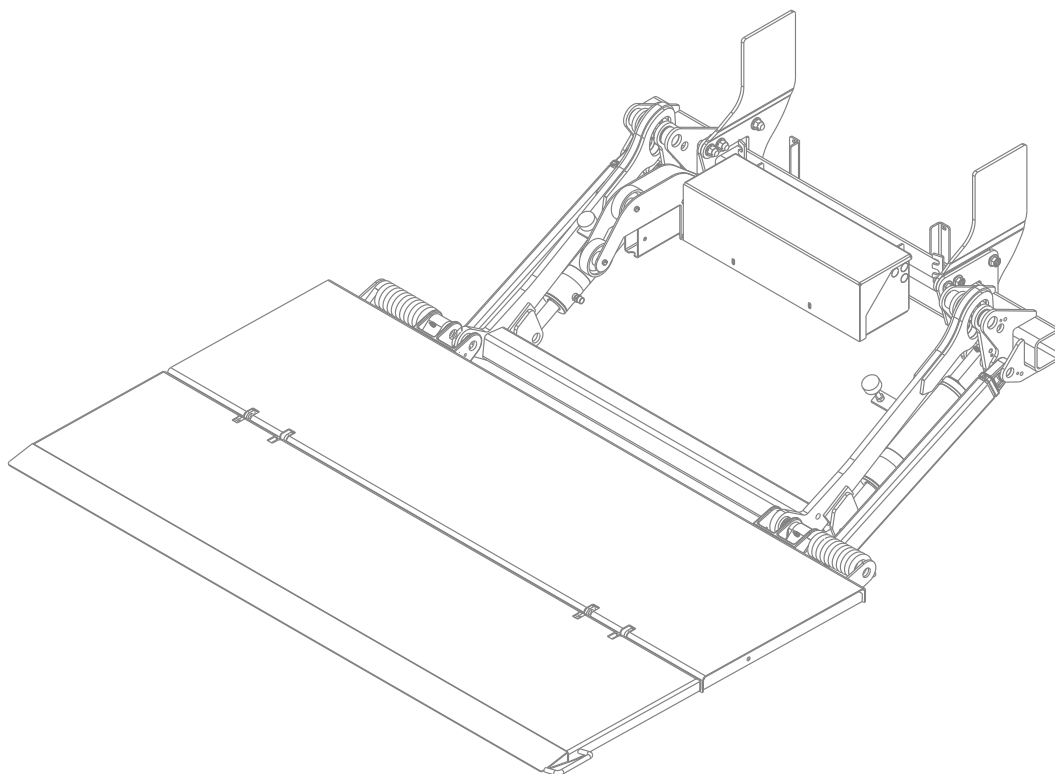


LIFTGATES

PARTS MANUAL

ILP 25, 2500 lbs. Capacity

ILP 33, 3300 lbs. Capacity



ILP 25/33 Parts Manual

Document Part Number: 90-0116-002 / 16-684_90-00_00-02

ECN-M1333, Rev. 1.1, 07-22-19

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LIFTGATES

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Cerritos, CA 90703

Tel (888) 774-5844

Fax (562) 924-8318



LIFTGATES

572 Whitehead Road.

Trenton, NJ 08619

Tel (609) 587-4200

Fax (609) 587-4201

Built to Deliver - Every Time

Parts Orders:

- There is a \$50.00 minimum parts order.
- Ground freight is free for spare parts orders exceeding \$1,500.00, excluding platforms, runners, mount frames and other main assemblies.
- Contact parts department, our hours are from 8 am EST in NJ until 5 pm PST in CA
- California: (888) 774-5844, or (562)924-8218, ext. 97, 29 , or 15; Fax: (562) 924-8318.
- New Jersey: at (609) 587-4200; Fax: (609) 587-4201.
E-mail orders or inquires for both locations to: liftgateparts@palfinger.com
- Next Day Air shipments must be received by 2:30 pm local time at either CA or NJ location.
- To ensure quick delivery when placing an order, please be sure to include: liftgate model, serial number, part number, and description in accordance with spare Parts List.
- Any parts being returned must have Return Merchandise Authorization (RMA) number, copy of invoice and a detailed packing list of returned parts. RMA numbers will be issued by parts department and are valid for 30 days. All returned RMA parts must be returned to Palfinger Liftgates by prepaid freight or by call tag.
- Parts must be returned in NEW CONDITION. To receive credit on returned parts, the original purchase date must be within 6 months and authorized by Palfinger Liftgates.
- Returned parts are subject to a 20% restocking charge.
- Any part received not in new condition will be subject to inspection and possible refusal. All Palfinger Liftgates parts are covered for one year from date of purchase against defects in material and workmanship.
- **Warranty Coverage: Part Replacement only.**

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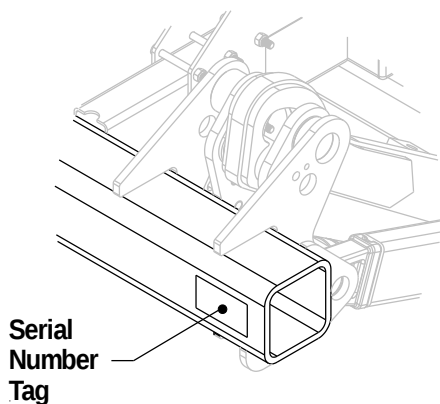
Important Liftgate Information:

1. Liftgate serial information can be found on the driver side liftarm, or on the front surface of the mount tube. Please have the liftgate information ready when ordering parts to assure parts are replaced accurately.
2. The finish for many parts differs from liftgate to liftgate. It is important to specify what type of finish the replacement part(s) has. Palfinger Liftgates uses galvanized, galvanealed, power coat, paint, and zinc coated components on the different models of liftgates. If not sure what finish is on the part(s), mention this to the Parts Department Representative.

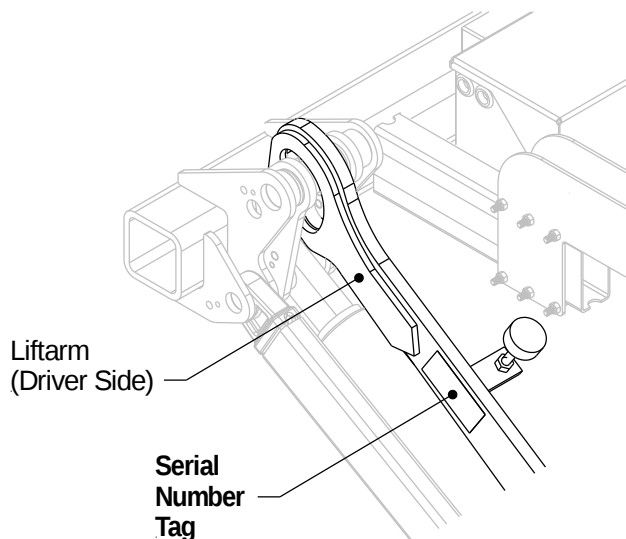
Serial Number Tag

PALFINGER		
(888) 774-5844		CERRITOS, CA. TRENTON, N.J.
Model	Serial No.	Date

**Serial Tag on Front
of Mount Tube**



**Serial Tag on
Parallel Arm**



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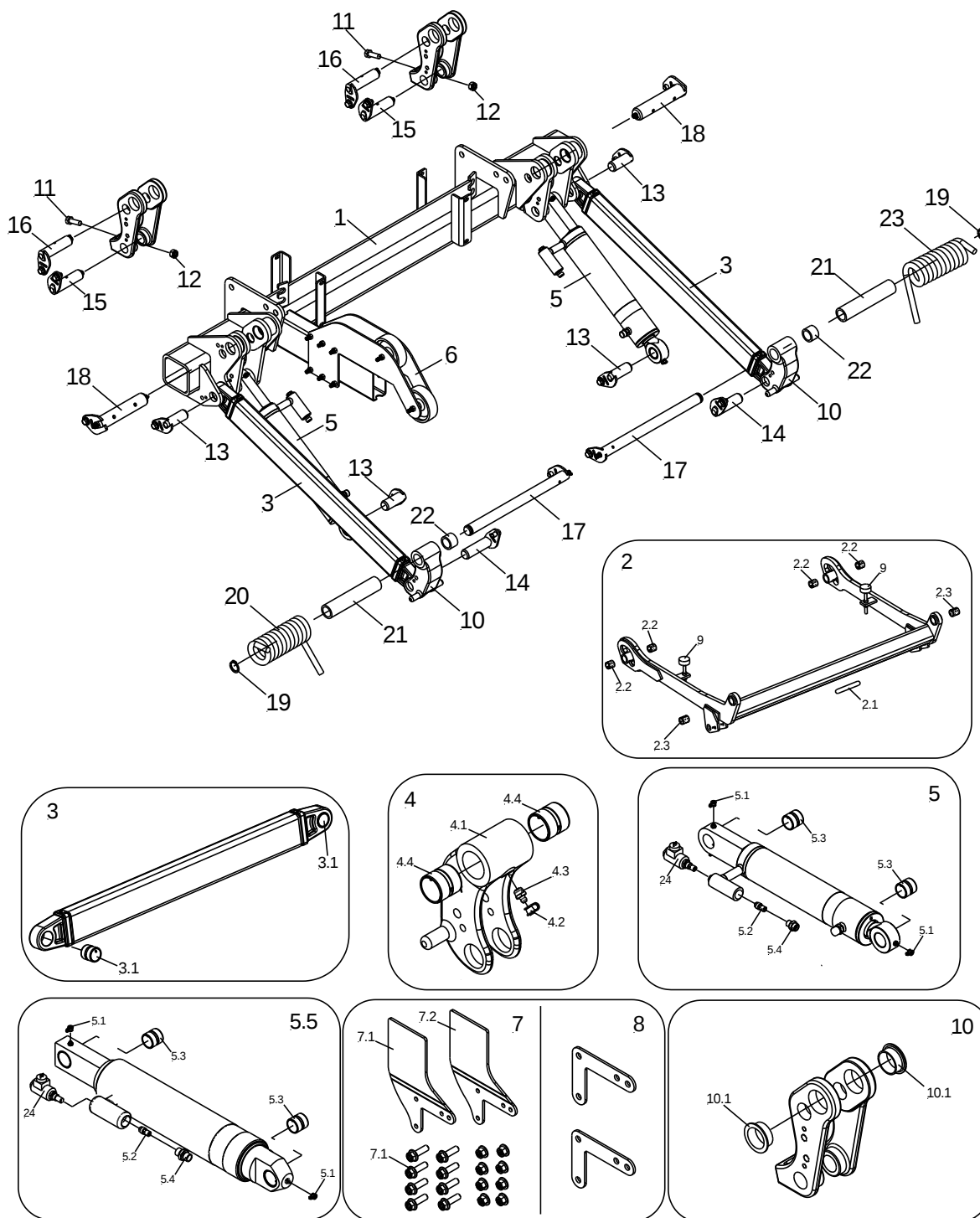
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Built to Deliver - Every Time**1 Frame –Bolt On (After Jan 2019)**

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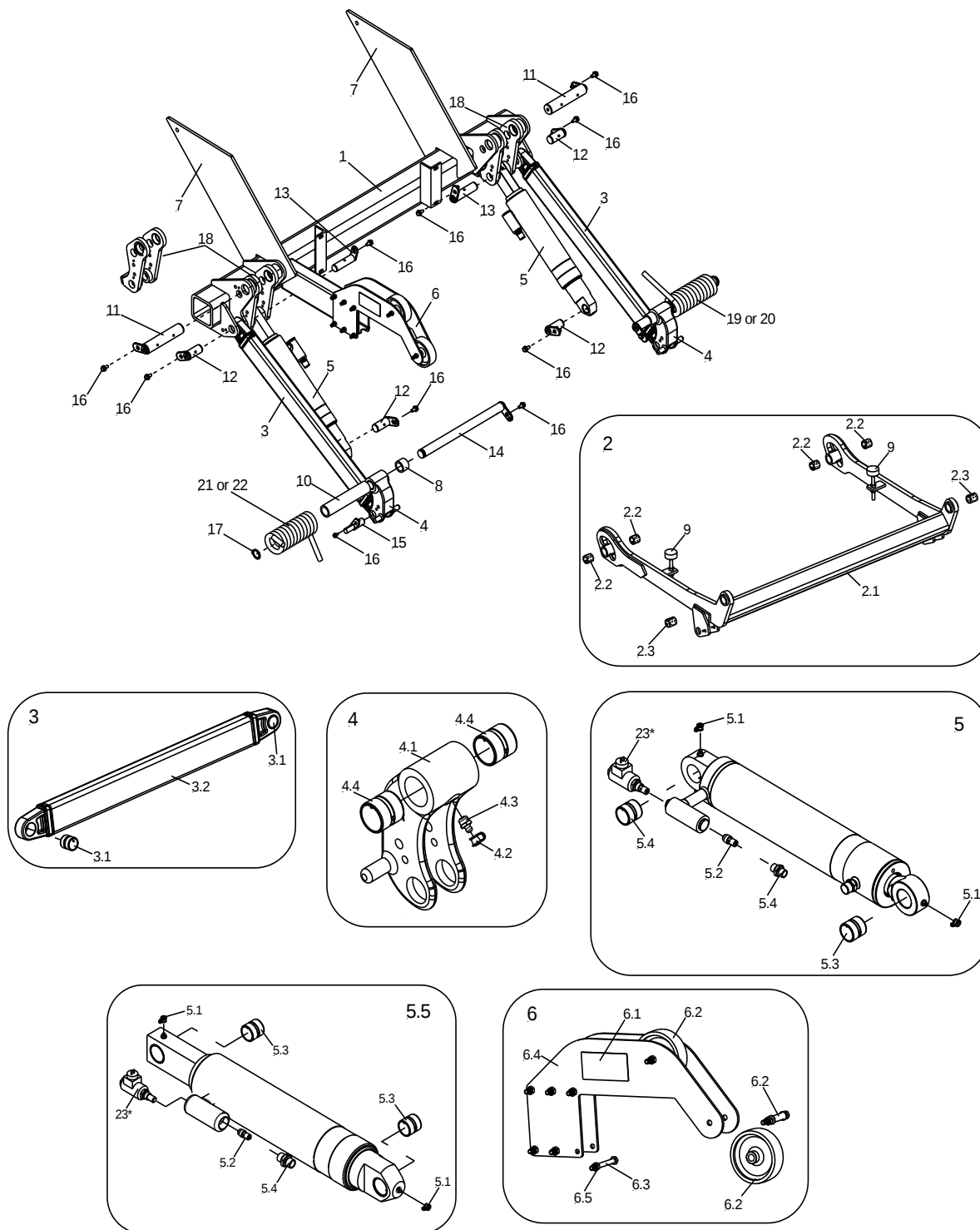
1 - FRAME			
NO.	DESCRIPTION	PART NO.	QTY.
1	Mount Frame Assembly	01-0118-300	1
2	Lift Arm Assembly, 800mm	10-0116-300	1
	Lift Arm Assembly, 900mm (Not Shown)	10-0116-400	1
2.1	Decal, Palfinger Logo	85-0315-100	1
2.2	Bushing, 28mmx32mmx31mm, Bronze	ELG1039	4
2.3	Bushing, 28mmx32mmx36mm, Bronze	ELG1036	2
3	Parallel Arm, w/o Grease Zerk, 800mm	15-0115-201	1
	Parallel Arm, w/o Grease Zerk, 900mm (Not Shown)	15-0115-101	1
3.1	Bushing, 28mmx32mmx31mm, Bronze	ELG1039	2
4	Shackle Kit, 120mm (ILT)	25-1014-003	1
4.1	Shackle, 120mm, ILT	25-1013-100	1
4.2	Zerk Fitting, Cap	1191680	1
4.3	Zerk Fitting, M10x1mm	EA-005	1
4.4	Bushing, 28mmx32mmx31mm, Bronze	ELG1039	2
5	Cylinder, Power Down, 63mm	40-0115-200	1
5.1	Cap, Zerk Fitting	1191680	3
5.2	Restrictor, 1.5mm, (No. 3)	1355942	1
5.3	Bushing, 28mmx32mmx31mm, Bronze	ELG1039	2
5.4	Adapter, 1/4" BSP X 10L	EA6236	1
5.5	Cylinder Gravity Down, 63mm	2037627	1
6	Parting Wheel Kit, w/Hardware	60-1009-000	1
7	Mount Plate Kit, Bolt-On, w/Hardware	06-0318-370	1
7.1	Hardware Kit, 5/8-18	65-7518-100	1
7.2	Mount Plate, Offset, Left Side	06-0319-301	1
7.3	Mount Plate, Offset, Right Side	06-0319-302	1
8	Mount Plates, Bolt-On, Spacer Kit	06-0319-350	1
9	Rubber Pad Kit, Adjustable	1128624	1
10	Swing Arm Assembly, Cast	05-0117-000	1
10.1	Bushing, Flanged, 36mm	1278682	2
11	Hex Head Cap Screw, 5/16-18x1", Zinc	ES3724	2
12	Nut, 5/16"-18, Gr. 5, Zinc	EM 791	2
13	Pin, 28mm x 75mm	2039540	4
14	Pin, 28mm x 100mm	2039542	2
15	Pin, 28mm x 110mm	2039955	2
16	Pin, 28mm x110mm, w/Grease Zerk	2049466	2
17	Pin, 28mm x 386mm	2044138	2
18	Pin, 36mm x 180mm	2039959	2
19	External Retaining Ring	EQ1661	2
20*	Torsion Spring, Left Side, HD	20-0113-002	1
	Torsion Spring, Left Side, STD	20-0116-002	
21	Spacer, Steel	1228526	2
22	Spacer- Lift Arm	25-0113-875	2
23*	Torsion Spring, Right Side, HD	20-0113-001	1
	Torsion Spring, Right Side, STD	20-0116-001	
24**	Release Valve, Single Lock, 12V	67282345	2

* Mount frame configurations with aluminum platform sizes 42" and 48" do not get a driver side spring. All other configurations get a Standard or Heavy Duty spring on curb side and driver side.

** Release valve is sold separately and not included with Item #5.

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Built to Deliver - Every Time**2 Frame –Weld On (Before Jan 2019)**

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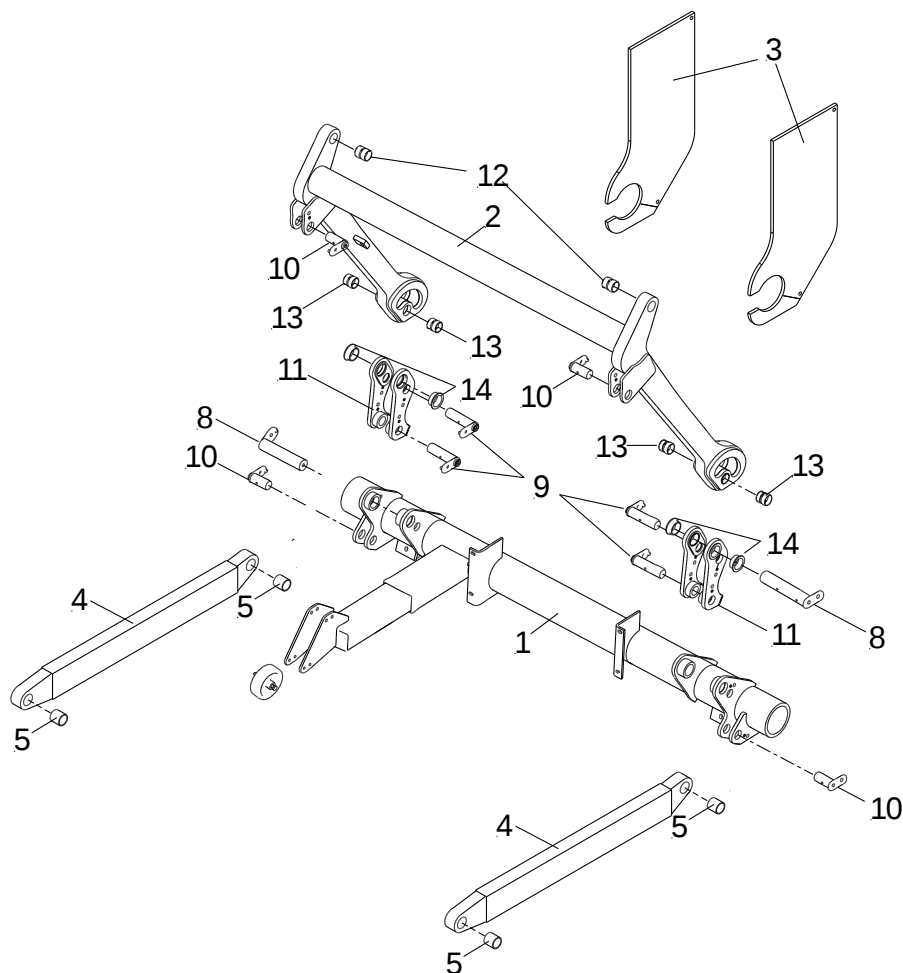
2 - FRAME			
NO.	DESCRIPTION	PART NO.	QTY.
1	Mount Frame Assembly	01-0114-100	1
2	Assy', Lift Arm 800mm	426LA A	1
2.1	Palfinger Decal	85-0315-100	1
2.2	Bushing, 28mm x 32mm x 31mm, Bronze	ELG1039	4
2.3	Bushing 28mm x 32mm x 36mm, Bronze	1403364	2
2.4	Lift Arm, 900mm, Assy, (Not Shown)	426LA A-900	1
3	Kit, Parallel Arm, 800mm	15-0115-201	1
3.1	Bushing, 28mm x 32mm x 31mm, Bronze	ELG1039	2
3.2	Parallel Arm, 800mm	15-0115-200	1
3.3	Kit, Parallel Arm, 900mm, (Not Shown)	15-0115-101	1
4	Kit, Shackle, 120mm	25-1014-003	1
4.1	Shackle, 120mm, ILT	25-1013-100	1
4.2	Cap, Zerk Fitting	1191680	1
4.3	Zerk Fitting M10x1mm	EA-005	1
4.4	Bushing, 28mm x 32mm x 31mm, Bronze	ELG1039	2
5	Kit, 63mm Cylinder, Power Down	40-0115-200	1
5.1	Cap, Zerk Fitting	1191680	3
5.2	Restrictor, 1.5mm, (No. 3)	1355942	1
5.3	Bushing, 28mm ID X 32mm OD X 31mm L, Bronze	ELG1039	2
5.4	Adapter, 1/4 " BSP X 10L	EA6236	1
5.5	Kit, 63mm Cylinder Gravity Down	2037627	2
6	Kit, Parting Wheel	60-1009-000	1
6.1	Torque Decal	85-8814-001	2
6.2	Wheel Kit	2003774	2
6.3	Hex Head Cap Screw, M8x1.25x80mm	ES 887	6
6.4	Plate, Parting Wheel	60-1009-501	2
6.5	Nut, Nylock, M8x1.25mm	EM 705	6
7	Mount Plate	06-0113-001	2
8	Spacer- Lift Arm	25-0113-875	2
9	Kit, Rubber Pads, Adjustable	1128624	2
10	Spacer, Spring	1228526	2
11	Pin, 36mmx180mm	1238286	2
12	Pin, 28mmx68mm	1129102	2
13	Pin, 28mmx110mm	1238277	2
14	Pin, 28mmx385mm	2038695	2
15	Pin, 28mmx105mm	2003649	2
16	Bolt, Flanged, M8x1.25x16	ES1451	12
17	External Retaining Ring	EQ1661	2
18	Swing Arm Fixture	2006380	2
19	Torsion Spring, Curb Side, Standard	20-0016-001	1
20	Torsion Spring, Curb Side, Heavy Duty	20-0113-001	1
21*	Torsion Spring, Driver Side, Standard	20-0016-002	1
22*	Torsion Spring, Driver Side, Heavy Duty	20-0113-002	1
23**	Release Valve, 12V, Single Lock	67282345	2

***Mount frame configurations with aluminum platform sizes 42" and 48" do not get a driver side spring. All other configurations get a Standard or Heavy Duty spring on curb side and driver side.**

**** Release valve is sold separately and not included with Item #5.**

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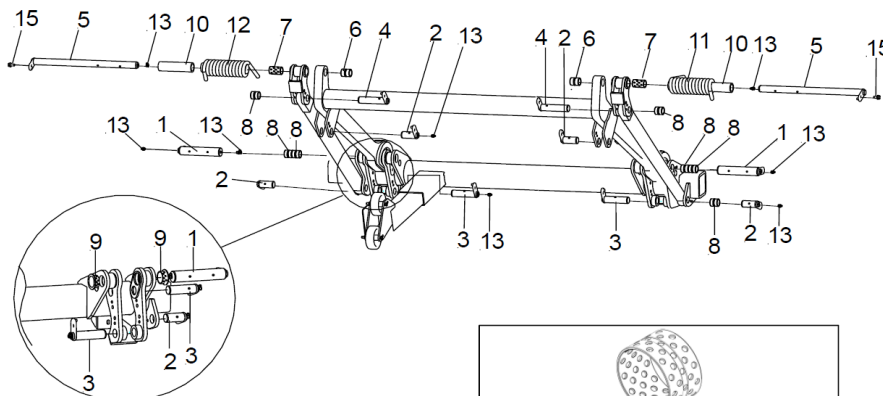
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Built to Deliver - Every Time**3 Frame (German)**

3 - FRAME (GERMAN)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Mount Frame	2005794	1
2	Lift Arm Assembly, 800mm	2005797	1
3	Mount Plate, Left/Right	1227863	2
4	Parallel Arm, 800mm	2005868	2
5	Bushing, 28x32x31mm	1403367	4
6	Cap, Grease Zerk	1191680	2
7	Grease Zerk	69064337	2
8	Pin, 36x170mm	1238286	2
9	Pin, 28x100mm	1238277	4
10	Pin, 28x68mm	1129102	4
11	Swing Arm Fixture	2006380	2
12	Bushing, 28x32x36mm	1403364	2
13	Bushing, 28x32x31mm	1403367	4
14	Bushing, 36x40x50x17mm	1278682	4

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Built to Deliver - Every Time**4****Pins and Bushings**

Measure		
mm	Inch	Part No.
28 x 68	1 1/8 x 2 5/8	P - 1129102
28 x 110	1 1/8 x 4 1/4	P - 1238277
28 x 125	1 1/8 x 4 7/8	P - 1227943
28 x 453	1 1/8 x 17 3/4	P - 1407655
36 x 180	1 3/8 x 7	P - 1238286

mm	Inch	Part No.
32 / 28 x 31	1 1/4 / 1 1/8 x 1 1/4	P - 1403367
32 / 28 x 36	1 1/4 / 1 1/8 x 1 3/8	P - 1403364
32 / 28 x 48	1 1/4 / 1 1/8 x 1 7/8	P - 2004646

mm	Inch	Part No.
36 / 40 / 50 x 17	1 3/8 / 1 1/2 / 2 x 5/8	P - 1278682

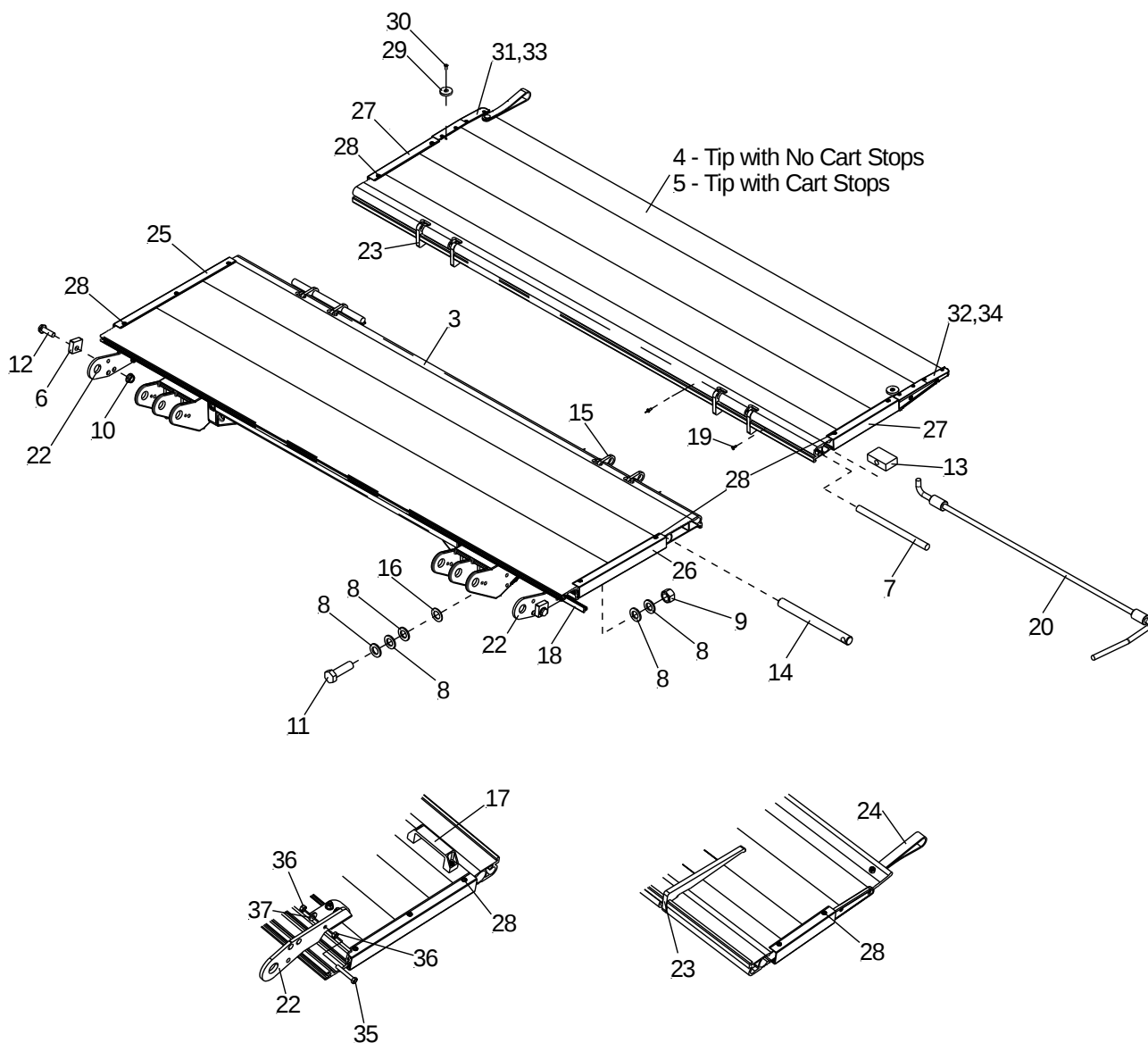
4 - PINS AND BUSHINGS			
NO.	DESCRIPTION	PART NO.	QTY.
PINS			
1	Pin, Lift Arm, Swinging Fixture, Tube	1238286	2
	Pin, Lift Arm, Swinging Fixture, Tube (After 2018)	2039959	2
2	Pin, Parallel Arm, Tube; Lift Cylinder, Lift Arm	1129102	4
	Pin, Parallel Arm, Tube; Lift Cylinder, Lift Arm (After 2018)	2039540	4
3	Pin, Lift Cylinder, Tube; Tube, Swinging Fixture, Lift Arm	1238277	2
	Pin, Lift Cylinder, Tube; Tube, Swinging Fixture, Lift Arm (After 2018)	2039955	2
4	Pin, Shackle, Parallel Arm	1227943	2
	Pin, Shackle, Parallel Arm (After 2018)	2039542	2
5	Pin, Platform, Shackle, Lift Arm	1407655	2
	Pin, Platform, Shackle, Lift Arm (After 2018)	2044138	2
Bushings			
6	Bushing Lift Arm, Platform	1403364	2
7	Bushing - Steel Platform Shackle	2004646	2
	Bushing - Alu Plan Platform Shackle	1403367	2
8	Bushing Parallel Arm, Lift Arm	1403367	8
9	Bushing Swinging Fixture	1278682	2
10	Torsion Spring Plastic Tube	1228526	2
Hardware			
11	Coil Spring - Curb Side	1264848	1
12	Coil Spring - Driver Side	1264857	1
13	Grease Zerk	2019653	8
14	Red Cap	1191680	8
15	Bolt, Pin Lock	2009212	2
Kits			
	Pin Kit Incl. Hardware	1407782	1
	Bushing Kit Without No.10 (Torsion Spring Plastic Tube)	1407783	1

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5 Aluminum Platforms (After 2015)



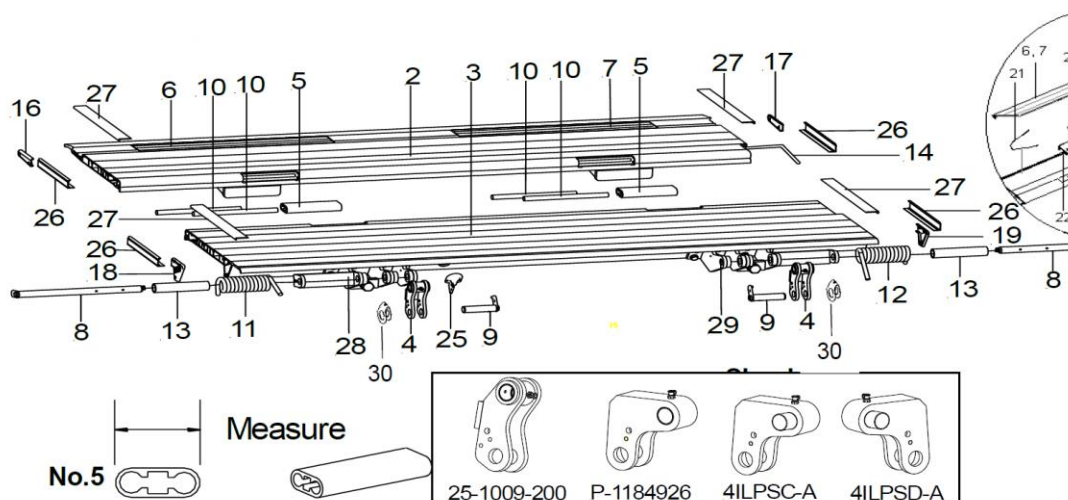
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5 - ALUMINUM/ALUMINUM PLATFORM						
NO.	DESCRIPTION	PART NO.				QTY.
		42" Platform	48" Platform	54" Platform	60" Platform	
1	Platform, Alum. Tip, Alum. Main	20-0315-300*	20-0315-100*	20-0315-400	20-0315-200	1
2	Platform, Alum. Main/Alum Tip, W/Cart Stop	20-0315-310	20-0315-110	20-0315-410	20-0315-210	1
3	Main Section, Aluminum	21-0314-456	21-0314-243	21-0314-451	21-0314-360	1
4	Tip Section, Aluminum	22-0314-461*	22-0314-000*	22-0314-464	22-0314-467	1
5	Tip Section, W/Cart Stops, Alum.	22-0314-800	22-0314-500	22-0314-700	22-0314-600	1
6	Block, Torsion Spring Adjust	60-1007-301	60-1007-301	60-1007-301	60-1007-301	2
7	Pin 20mm X 300mm	67264894	67264894	67264894	67264894	4
8	Washer, M24, Flat	EK3215	EK3215	EK3215	EK3215	10
9	Nylock, M24x3.0mm	EM 706	EM 706	EM 706	EM 706	2
10	Nut, Safety, Flanged M14x1.5, Cl.10.9 Galv	EM-711	EM-711	EM-711	EM-711	2
11	Hex Head Cap Screw, M24x3.0x80mm	ES 693	ES 693	ES 693	ES 693	2
12	Hex Head Cap Screw, Flanged M14x1.5x45mm	ES1588	ES1588	ES1588	ES1588	2
13	Block, Torsion Bar	9083177000	9083177000	9083177000	9083177000	1
14	Pin 28mm X 300mm	9000000064	9000000064	9000000064	9000000064	1
15	Plate, Platform Hinge	20-1007-101	20-1007-101	20-1007-101	20-1007-101	4
16	Washer, Flat, 1"	EK3575	EK3575	EK3575	EK3575	2
17	Kit, Handle Plastic	99-0315-400	99-0315-400	99-0315-400	99-0315-400	1
18	Platform Rubber Bumper	20-0314-150	20-0314-150	20-0314-150	20-0314-150	1
19	Rivet, 3/16"X0.45"	EK3207	EK3207	EK3207	EK3207	8
20	Torsion Bar	9083175070	9083175070	9083175070	9083175070	1
21	Kit; Torsion Bar, Alum/Alum Platform	99-0315-211*	99-0315-110*	99-0315-110	99-0315-110	1
22	Plate, Pin Alignment	21-0314-249	21-0314-249	21-0314-249	21-0314-249	2
282	Stiffener, Rib	22-0314-462	22-0314-020	22-0314-465	22-0314-468	4
24	Handle Strap	20-1210-003	20-1210-003	20-1210-003	20-1210-003	1
25	Side Cap, Alum, Main, Right	21-0316-400	21-0316-200	21-0316-300	21-0316-100	1
26	Side Cap, Alum, Main, Left	22-0316-020	21-0316-250	21-0316-350	21-0316-150	1
27	Side Cap, Alum, Tip, Right	22-0316-040	22-0316-020	22-0316-030	22-0316-010	1
	Side Cap, Alum, Tip, Left					1
28	Screw, Self-Drilling, Washer Head, #8-18x3/4"	ES3804	ES3804	ES3804	ES3804	1
29	Spacer, PVC	20-0316-300	20-0316-300	20-0316-300	20-0316-300	2
30	Flat Head, Phillips, Sheet Metal Screw, #14-10 X 1.25"	ES3826	ES3826	ES3826	ES3826	2
31	Side Cap, Tip, Right, Cart Stop	9083239000	9083239000	9083239000	9083239000	2
32	Side Cap, Tip, Left, Cart Stop	9083238000	9083238000	9083238000	9083238000	2
33	Side Cap, Tip, Right, No Cart Stop	9081336010	9081336010	9081336010	9081336010	2
34	Side Cap, Tip, Left, No Cart Stop	9081336000	9081336000	9081336000	9081336000	2
35	Hex Head Cap Screw, 5/16"-18x2-1/2"	ES3741	ES3741	ES3741	ES3741	1
36	Nut; 5/16"-18 Gr 5 Zinc	EM 791	EM 791	EM 791	EM 791	2
37	Washer; Split Lock	EK3471	EK3471	EK3471	EK3471	1

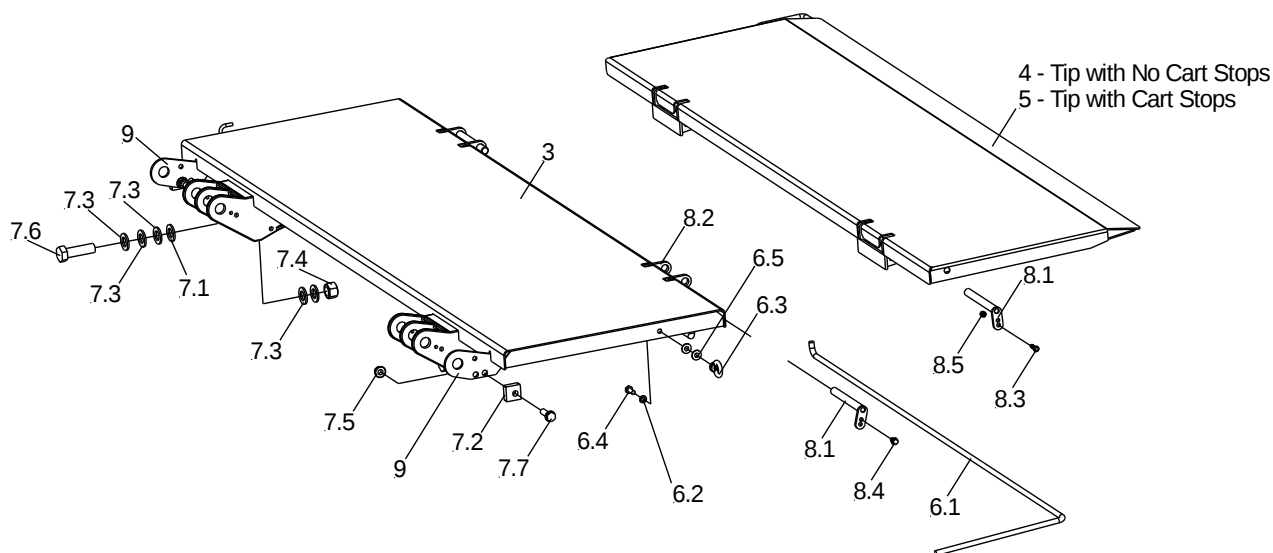
***42" and 48" Platforms with no cart stops do not get a torsion bar.**

Built to Deliver - Every Time**6 Aluminum Platforms (Prior 2015)**

6 – STEEL PLATFORMS (PRIOR TO 2015)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Platform - <i>Alu/Alu Specific Length And Width Size</i>	On Request	1
2	Tip Section <i>Specific Length And Width Size</i>	On Request	1
3	Main Section <i>Specific Length and Width Size</i>	On Request	1
4	Shackle	See Above	2
5	Hinge - Width 2 3/4" (67mm) - 20mm Hole	1408512	2
	Hinge - Width 3" (77mm) - 20mm Hole	1408513	2
6	Cart Stop Lid - <i>Curb Side</i>	2006698	1
7	Cart Stop Lid - <i>Driver Side</i>	2006697	1
8	Pin <i>Platform, Shackle, Lift Arm</i>	1407655	2
9	Pin <i>Shackle, Parallel Arm</i>	1227943	2
10	Pin <i>Main Section, Tip Section</i>	67264894	4
11	Coil Spring - <i>Curb Side</i>	1264848	1
12	Coil Spring - <i>Driver Side</i>	1264857	1
13	Torsion Spring Plastic Tube	1228526	2
14	Torsion Bar	9083175070	1
15	Torsion Bar Retainer	9000000064	1
16	Plastic Cap Tip - <i>Curb Side - With Cart Stops</i>	9083239000	1
	Plastic Cap Tip - <i>Curb Side - Without Cart Stops</i>	9081336000	1
17	Plastic Cap Tip - <i>Driver Side - With Cart Stops</i>	9083238000	1
	Plastic Cap Tip - <i>Driver Side - Without Cart Stops</i>	9081336010	1
18	Plastic Cap Head - <i>Curb Side</i>	9083229000	1
19	Plastic Cap Head - <i>Driver Side</i>	9083230000	1
20	Sliding Rod	1406248	1
21	Spring	1408661	3
22	Plastic Hold Down Clip	2004637	1
23	Plastic Rod Support	1406245	1
24	Spring Clip	1406249	1
25	Plastic Bracket	2019337	1
26	Side Profile Bottom	9832521700	1
27	Side Profile Top	1244631	1
28	Clevis - <i>Curb Side</i>	2005955	1
29	Clevis - <i>Driver Side</i>	2005954	1
30	Retainer, Spring Arm for 28mm Pin	60-1012-001	1

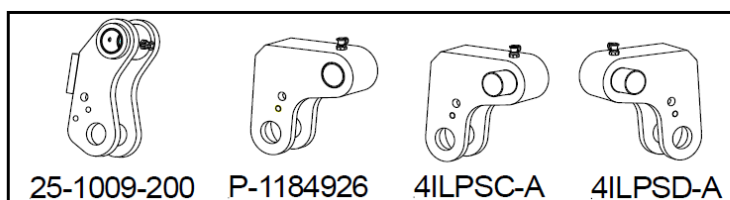
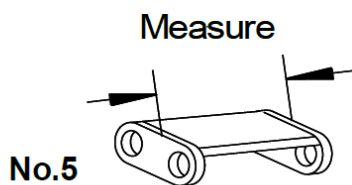
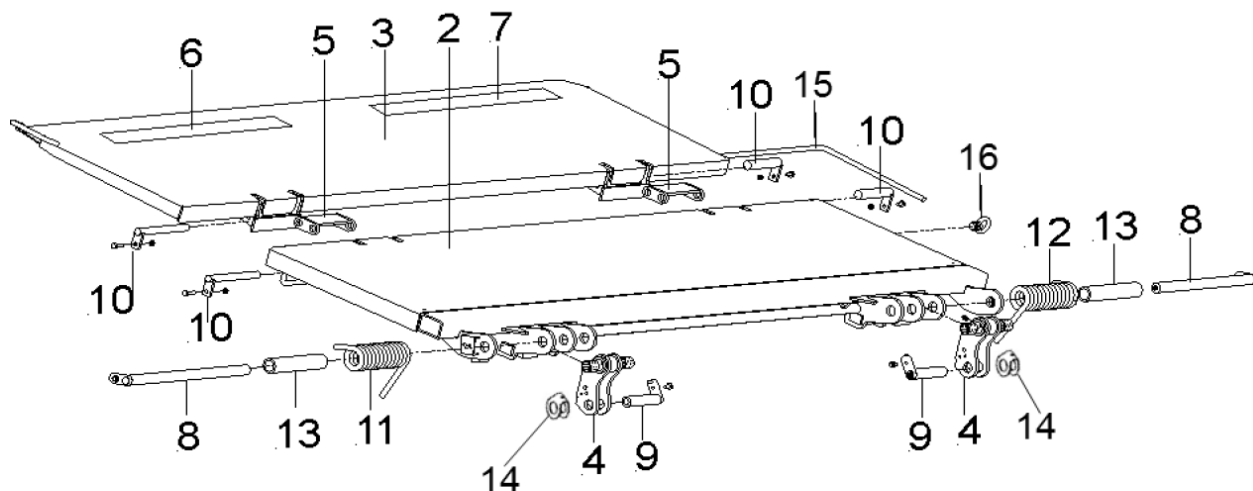
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Built to Deliver - Every Time**7 Steel Platforms (After 2015)**

7 - STEEL/STEEL PLATFORM						
NO.	DESCRIPTION	PART NO.				QTY.
		42"	48"	54"	60"	
1	Platform, Steel Main, Steel Tip	20-0315-340*	20-0315-140	20-0315-440	20-0315-240	1
2	Platform, Stl' Main/Stl' Tip, w/Cart Stops	20-0315-350	20-0315-150	20-0315-450	20-0315-250	1
3	Main Section, Steel	21-0314-400	21-0314-000	21-0314-270	21-0314-300	1
4	Tip Section, Steel	22-0316-500	22-0316-300	22-0316-600	22-0316-400	1
5	Tip Section, Steel, w/Cart Stops	22-0316-501*	22-0316-301	22-0316-601	22-0316-401	1
6	Kit, Torsion Bar, Stl/Stl Platform	99-0315-310*	99-0315-310	99-0315-310	99-0315-315	1
6.1	Torsion Bar	1409441	1409441	1409441	2-76001	1
6.2	Washer, Split, M10	EK2740	EK2740	EK2740	EK2740	1
6.3	Nut, Ring, M10	EM 712	EM 712	EM 712	EM 712	1
6.4	Hex Head Cap Screw, M10x1.5x25mm	ES3462	ES3462	ES3462	ES3462	1
6.5	Washer, Flat, 3/8",USS	EK3216	EK3216	EK3216	EK3216	2
7	Kit; Hardware, Stl-Stl, Platform	99-0315-330	99-0315-330	99-0315-330	99-0315-330	1
7.1	Washer, Flat,1"	EK3575	EK3575	EK3575	EK3575	2
7.2	Block, Torsion Spring Adjust	60-1007-301	60-1007-301	60-1007-301	60-1007-301	2
7.3	Washer, M24, Zinc	EK3215	EK3215	EK3215	EK3215	10
7.4	Nut, Nylock, M24x3mm	EM 706	EM 706	EM 706	EM 706	2
7.5	Nut,Safety,Flanged M14x1.5,Cl.10.9	EM-711	EM-711	EM-711	EM-711	2
7.6	Hex Head Cap Screw, M24x3.0mmx80mm	ES 693	ES 693	ES 693	ES 693	2
7.7	Hex Head Cap Screw, Flanged, M14x1.5x45mm	ES1588	ES1588	ES1588	ES1588	2
8	Kit, Pin, Stl-Stl Platform	99-0315-320	99-0315-320	99-0315-320	99-0315-320	1
8.1	Pin, 3/4"X7.25"	21-0314-093	21-0314-093	21-0314-093	21-0314-093	4
8.2	Plate, Platform Hinge	20-1007-101	20-1007-101	20-1007-101	20-1007-101	4
8.3	Hex Head Cap Screw, 5/16-18x1"	ES3724	ES3724	ES3724	ES3724	2
8.4	Bolt, Thread Rolling, 5/16"-18x0.75"	ES3746	ES3746	ES3746	ES3746	2
8.5	Nut, Nylock, 5/16"-18	EM 710	EM 710	EM 710	EM 710	2
9	Plate, Pin Alignment	21-0314-010	21-0314-010	21-0314-010	21-0314-010	2

***42" Platforms with no cart stops do not get a torsion bar.**

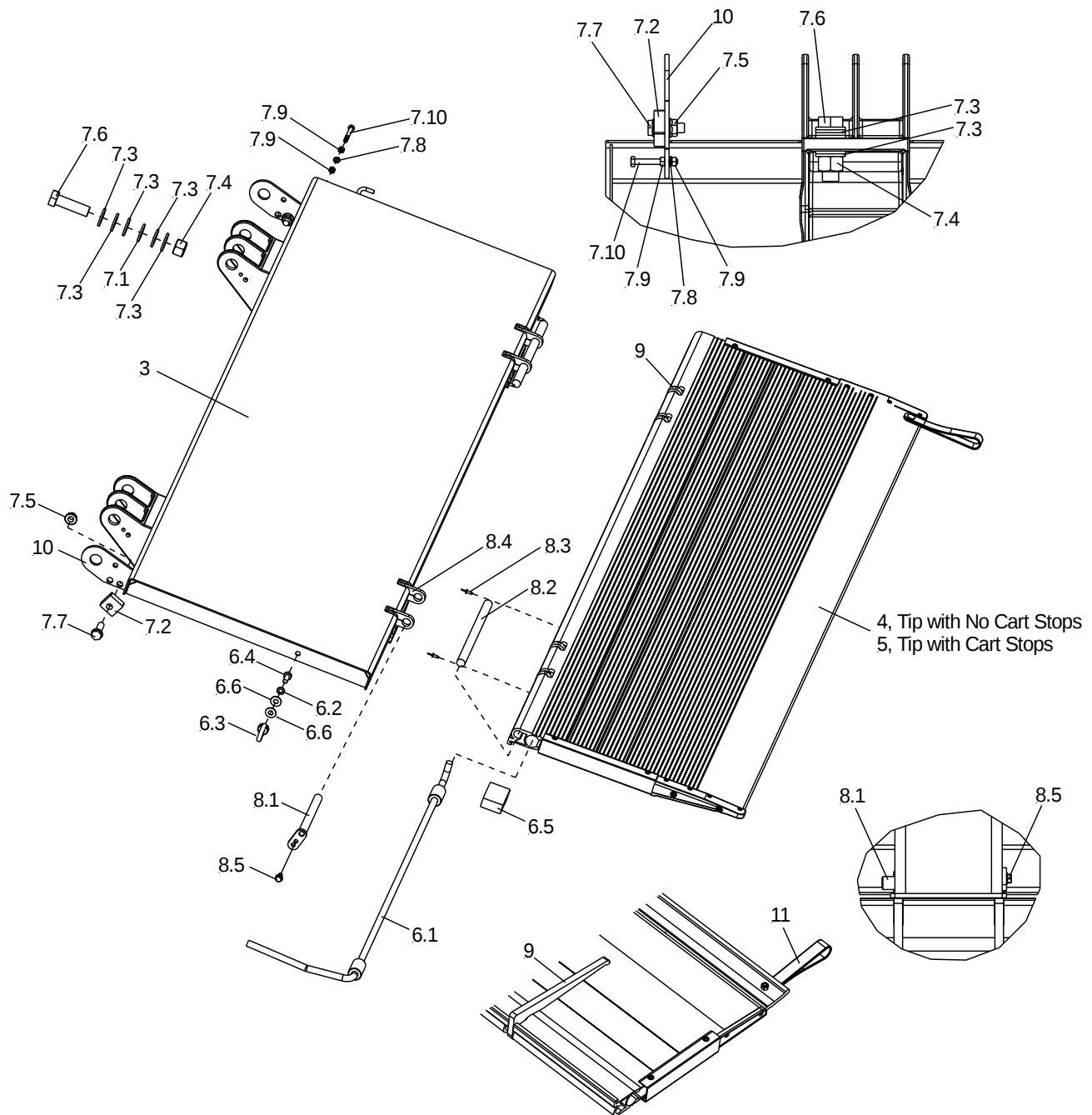
Built to Deliver - Every Time**8 Steel Platforms (Prior to 2015)**

8 – STEEL PLATFORMS (PRIOR TO 2015)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Platform - Steel/Steel Specific Length And Width Size	ON REQUEST	1
2	Main Section Specific Length And Width Size	ON REQUEST	1
3	Tip Section Specific Length and Width Size	ON REQUEST	1
4	Shackle	SEE ABOVE	1
5	Hinge - Width 5 3/8" (137mm)	4ILPH-A	2
6	Cart Stop - Curb Side	1-00005L	1
7	Cart Stop - Driver Side	1-00005R	1
8	Pin Platform, Shackle, Lift Arm	1407655	2
9	Pin Shackle, Parallel Arm	1227943	2
10	Pin Main Section, Tip Section	4ILPP-A	4
11	Coil Spring - Curb Side	1264848	1
12	Coil Spring - Driver Side	1264857	1
13	Torsion Spring Plastic Tube	1228526	2
14	Retainer, Spring Arm for 28mm Pin	60-1012-001	2
15	Torsion Bar - For 48" Platform (63" Length)	1409441	1
	Torsion Bar - For 54" Platform (63" Length)	1409441	1
	Torsion Bar - For 60" Platform (48" Length)	2-76001	1
16	Torsion Bar Retainer / Eynut	2004522	1

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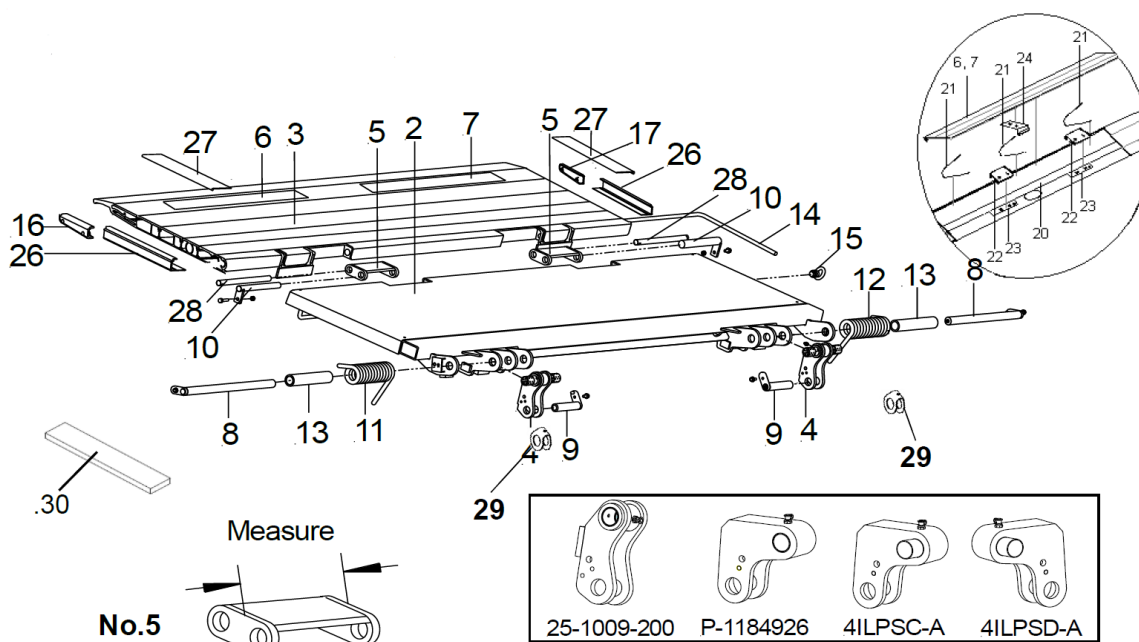
Built to Deliver - Every Time**NOTES**

Built to Deliver - Every Time**9 Steel/Aluminum Platforms (After 2015)**

Built to Deliver - Every Time

9 - STEEL/ALUMINUM PLATFORM						
NO.	DESCRIPTION	PART NO.				QTY.
		42"	48"	54"	60"	
1	Platform, Stl Main, Alum. Tip, (No Cart Stops)	20-0315-320*	20-0315-120*	20-0315-420	20-0315-220	1
2	Platform, Stl Main/Alum. Tip, W/Cart Stops	20-0315-330	20-0315-130	20-0315-430	20-0315-230	1
3	Main Section, Steel	21-0314-400	21-0314-000	21-0314-270	21-0314-300	1
4	Tip Section, Alum. (No Cart Stop)	22-0314-461*	22-0314-000*	22-0314-464	22-0314-467	1
5	Tip Section, Alum. W/Cart Stops	22-0314-800	22-0314-500	22-0314-700	22-0314-600	1
6	Kit, Torsion Bar, Steel/Alum. Platform	99-0315-211*	99-0315-210*	99-0315-210	99-0315-210	1
6.1	Torsion Bar	9083175070	9083175070	9083175070	9083175070	1
6.2	Washer, Split, M10	EK2740	EK2740	EK2740	EK2740	1
6.3	Nut, M10	EM 712	EM 712	EM 712	EM 712	1
6.4	Hex Head Cap Screw, M10x1.5x25mm	ES3462	ES3462	ES3462	ES3462	1
6.5	Block, Torsion Bar	9083177000	9083177000	9083177000	9083177000	1
6.6	Washer, Flat, 3/8" USS, Zinc	EK3216	EK3216	EK3216	EK3216	21
7	Kit, Hardware Steel/Alum Platform	99-0315-230	99-0315-230	99-0315-230	99-0315-230	1
7.1	Washer, Flat, 1"	EK3575	EK3575	EK3575	EK3575	2
7.2	Block, Torsion Spring Adjust	60-1007-301	60-1007-301	60-1007-301	60-1007-301	2
7.3	Washer, M24, Zinc	EK3215	EK3215	EK3215	EK3215	10
7.4	Nut, Nylock, M24x3.0mm	EM 706	EM 706	EM 706	EM 706	2
7.5	Nut, Safety, Flanged, M14x1.5	EM-711	EM-711	EM-711	EM-711	2
7.6	Hex Head Cap Screw, M24x3.0mmx80mm	ES 693	ES 693	ES 693	ES 693	2
7.7	Hex Head Cap Screw, Flanged, M14x1.5x45mm	ES1588	ES1588	ES1588	ES1588	2
7.8	Washer, Split Lock	EK3471	EK3471	EK3471	EK3471	1
7.9	Nut, 5/16"-18, Gr 5	EM 791	EM 791	EM 791	EM 791	2
7.10	Hex Head Cap Screw, 5/16"-18x2-1/2"	ES3741	ES3741	ES3741	ES3741	1
8	Kit, Pin, Steel/Alum Platform	99-0315-220	99-0315-220	99-0315-220	99-0315-220	1
8.1	Pin, 3/4"X7.25"	21-0314-093	21-0314-093	21-0314-093	21-0314-093	2
8.2	Pin, 20mm X 300mm	67264894	67264894	67264894	67264894	2
8.3	Rivet, 3/16"X0.45"	EK3207	EK3207	EK3207	EK3207	4
8.4	Plate, Platform Hinge	20-1007-101	20-1007-101	20-1007-101	20-1007-101	4
8.5	Bolt, Thread Rolling, 5/16"-18x0.75"	ES3746	ES3746	ES3746	ES3746	2
9	Stiffener	22-0314-462	22-0314-020	22-0314-465	22-0314-468	4
10	Plate, Pin Alignment	21-0314-010	21-0314-010	21-0314-010	21-0314-010	2
11	Handle Strap	20-1210-003	20-1210-003	20-1210-003	20-1210-003	1

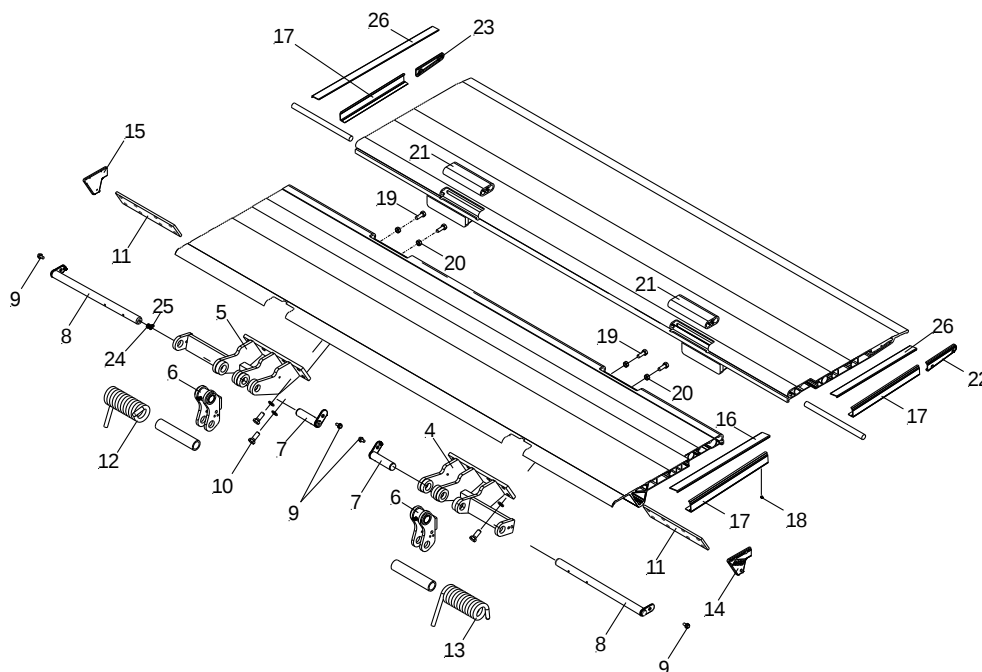
***42" and 48" Platforms with no cart stops do not get a torsion bar.**

Built to Deliver - Every Time**10 Steel/Aluminum Platforms (Prior 2015)**

10 – STEEL PLATFORMS (PRIOR TO 2015)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Platform - steel/alu specific length and width size	on request	1
2	Main section specific length and width size	on request	1
3	Tip section specific length and width size	on request	1
4	Shackle	see above	2
5	Hinge - width 5 3/8" (137mm)	4ILPH-A	1
6	Cart stop lid - curb side	2006698	1
7	Cart stop lid - driver side	2006697	1
8	Pin platform, shackle, lift arm	1407655	2
9	Pin shackle, parallel arm	1227943	2
10	Pin main section, hinge	4ILPP-A	1
11	Coil spring - curb side	1264848	1
12	Coil spring - driver side	1264857	1
13	Torsion spring plastic tube	1228526	2
14	Torsion bar - for 48" platform	9083175070	1
	Torsion bar - for 60" platform	9083175090	1
15	Torsion bar retainer / eyenut	2004522	1
16	Plastic cap tip - curb side - with cart stops	9083239000	1
	Plastic cap tip - curb side - without cart stops	9081336000	1
17	Plastic cap tip - driver side - with cart stops	9083238000	1
	Plastic cap tip - driver side - without cart stops	9081336010	1
20	Sliding rod	1406248	1
21	Spring	1408661	1
22	Plastic hold down clip	1406247	1
23	Plastic rod support	1406245	1
24	Spring clip	1406249	1
26	Side profile bottom	9832521700	1
27	Side profile top	1244631	1
28	Pin, tip section, hinge	67264894	1
29	Retainer, spring arm for 28mm pin	60-1012-001	1
30	Flat bar, for steel main, weld on	21-0114-000	1

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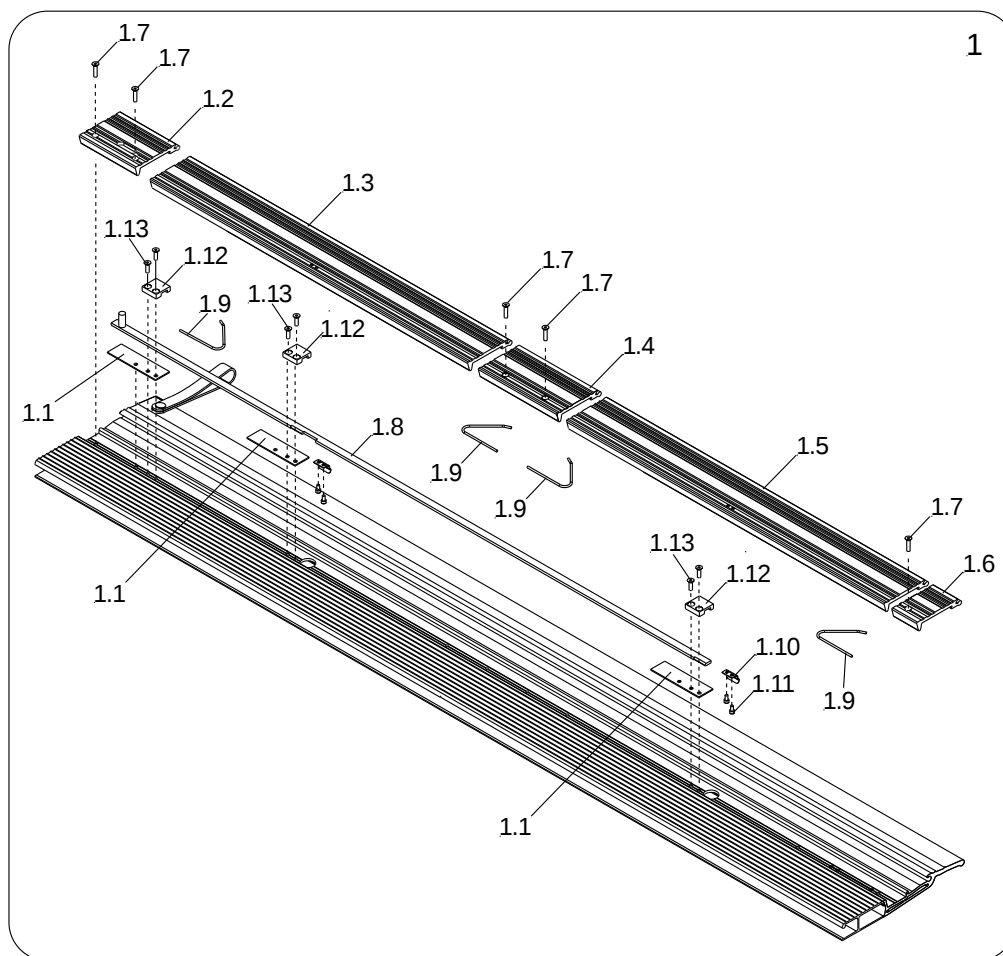
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Built to Deliver - Every Time**11 Aluminum Platform (German)**

11 –ALUMINUM PLATFORM (GERMAN)			
	DESCRIPTION	PART NO.	QTY.
1	Platform, ILP/ILFS, 48x80	4PFS3348	1
2	Platform, 48x80 Alum, No Cart Stops	4PFS3348-A	1
3	Platform, 48x80 Alum, Cart Stops	4PFS3348-A-W/CS	1
4	Clevis, Left	2005955	1
5	Clevis, Right	2005954	1
6	Shackle, Left/Right	2005138	2
7	Pin, 28mm x 115mm	1227943	2
8	Pin, 28mm x 453mm	1407655	2
9	Bolt, Retaining	2009212	4
10	Bolt, Hex, M14X35	1355371	16
11	Plate, Clevis, Threaded	1355233	2
12	Spring, Right	1264848	1
13	Spring, Left	1264857	1
14	Cap, Main, Left	9083229000	1
15	Cap, Main, Right	9083230000	1
16	Profile, Top (Length Required)	1244631	2
17	Profile, Side Cover (Length Required)	9832521190	2
18	Screw, Countersink, M5x12mm	2004486	18
19	Bolt, M16X50mm, ST8.8	66130240	4
20	Nut, M16	1026311	4
21	Hinge	67264894	4
22	Cap, Tip, Left	9083238000	1
23	Cap, Tip, Right	9083239000	1
24	Grease Zerk	69064337	2
25	Cap, Grease Zerk	1191680	2
26	Profile, Top, L=1760mm [69.3"]	1244631	2
	Profile, Top, L=2485mm [97.8"]	1244640	2

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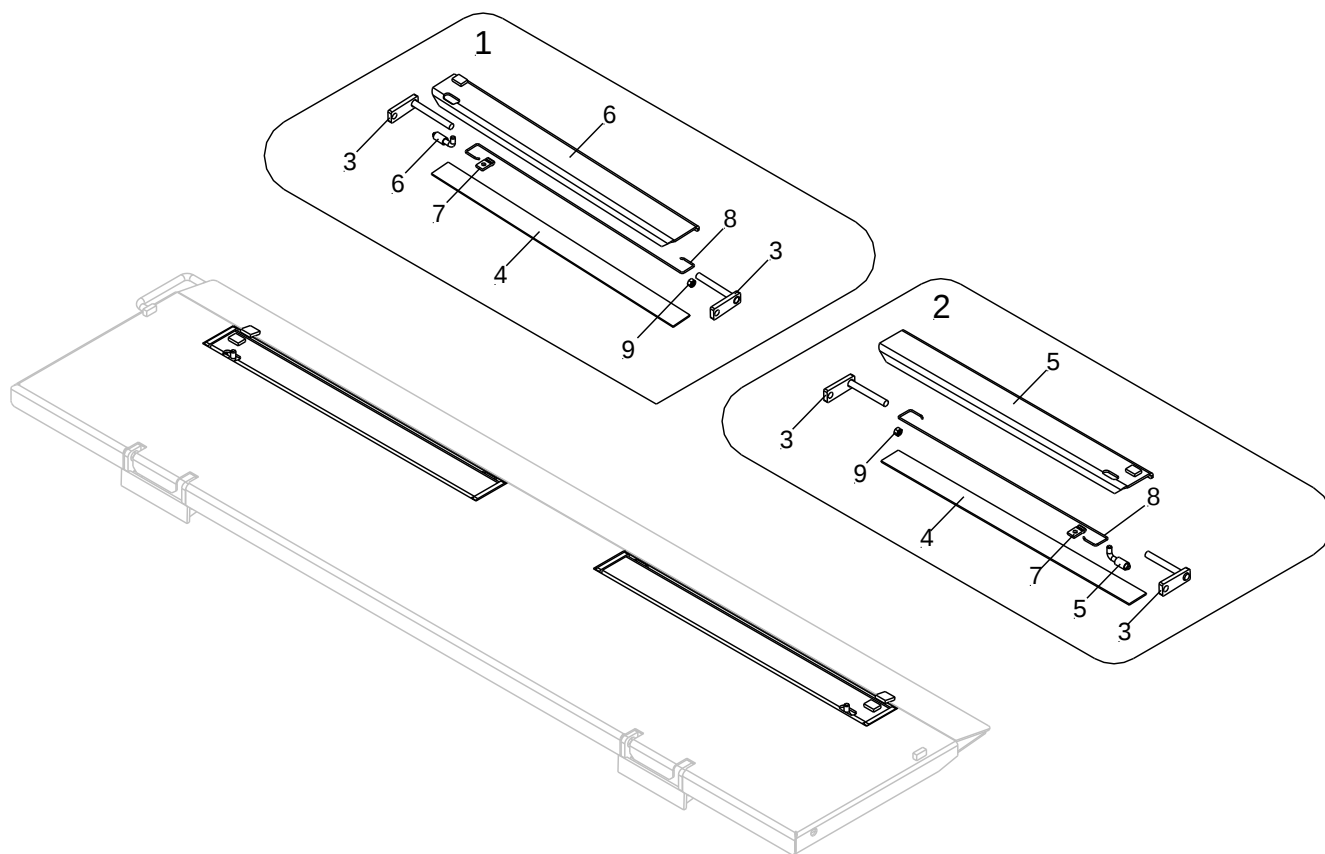
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Built to Deliver - Every Time**12 Cart Stops - Aluminum Platforms****12 – CART STOPS ALUMINUM PLATFORMS**

NO.	DESCRIPTION	PART NO.				QTY.
		42"	48"	54"	60"	
1	Assembly, 2X 800MM Cart Stop, 12" X 79"	22-0314-018	22-0314-018	22-0314-018	22-0314-018	1
1.1	Pad, Delrin, 35MM X 120MM X 2MM	1406245	1406245	1406245	1406245	3
1.2	Plate Cover, Curb Side	2003301	2003301	2003301	2003301	1
1.3	Cart Stop, 800mm, Curb Side	2006698	2006698	2006698	2006698	1
1.4	Plate Cover, Center	2003302	2003302	2003302	2003302	1
1.5	Cart Stop, 800mm, Street Side	2006697	2006697	2006697	2006697	1
1.6	Plate Cover, Street Side	2003303	2003303	2003303	2003303	1
1.7	Socket Head Cap Screw, M6-1.0 X 30mm	1057441	1057441	1057441	1057441	5
1.8	Sliding Rail	1406248	1406248	1406248	1406248	1
1.9	Spring Rod	1408661	1408661	1408661	1408661	4
1.10	Clip	1406249	1406249	1406249	1406249	2
1.11	Socket Head Cap Screw, M5-0.80 X 8mm	1119357	1119357	1119357	1119357	4
1.12	C-Clip, Plastic	2004637	2004637	2004637	2004637	1
1.13	Socket Head Cap Screw, M6-1.0 X 20mm	1004726	1004726	1004726	1004726	6

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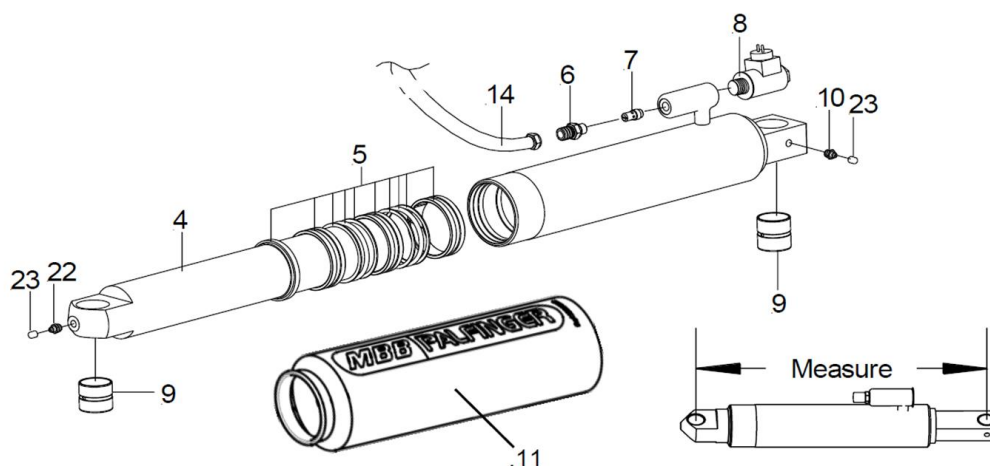
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Built to Deliver - Every Time**13 Cart Stops - Steel Platform**

13 - CART STOPS – STEEL PLATFORM						
NO.	DESCRIPTION	PART NO.				QTY.
		42"	48"	54"	60"	
1	Assembly, Cart Stop, Street Side, 27"	20-0316-000	20-0316-000	20-0316-000	20-0316-000	1
2	Assembly, Cart Stop, Curb Side, 27"	20-0316-050	20-0316-050	20-0316-050	20-0316-050	1
3	Side Plate	20-0316-001	20-0316-001	20-0316-001	20-0316-001	2
4	Support Plate	20-0316-002	20-0316-002	20-0316-002	20-0316-002	1
5	Cart Stop Weldment, Curb Side	20-0316-150	20-0316-150	20-0316-150	20-0316-150	1
6	Cart Stop Weldment, Street Side	20-0316-100	20-0316-100	20-0316-100	20-0316-100	1
7	Tab, Spring Retention	20-1108-541	20-1108-541	20-1108-541	20-1108-541	1
8	Spring, Torsion	20-1108-542	20-1108-542	20-1108-542	20-1108-542	1
9	Nut, 3/8"-16 Gr. 5	EM 532	EM 532	EM 532	EM 532	2

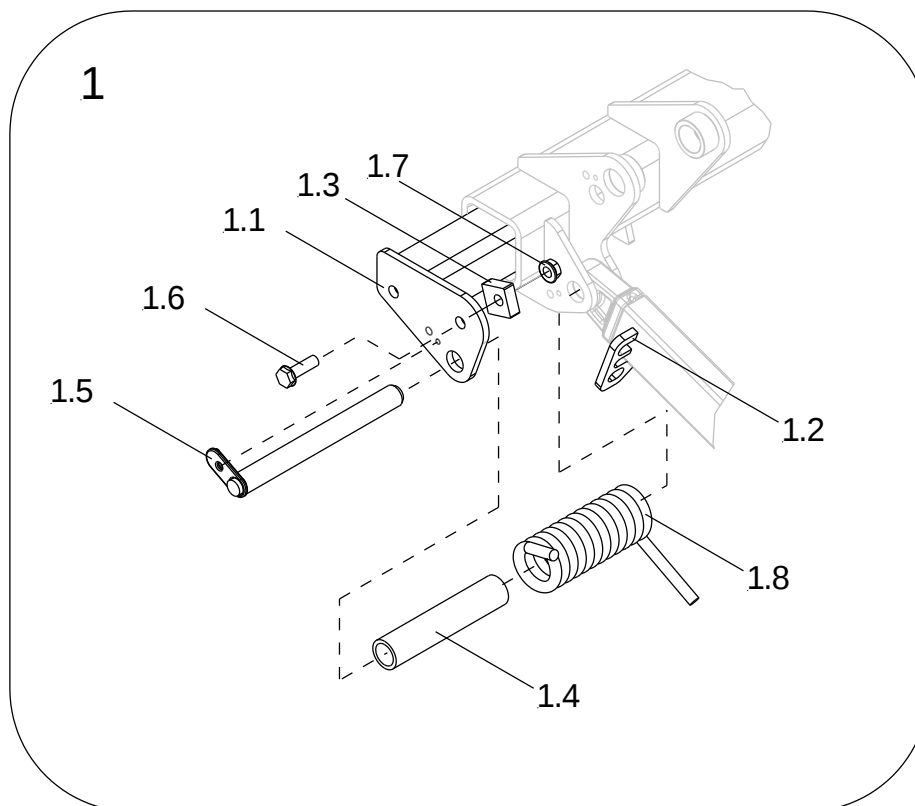
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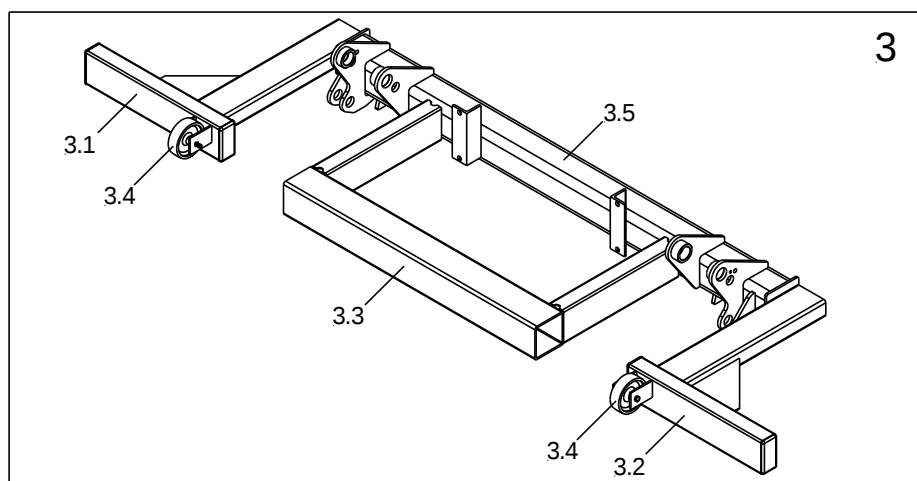
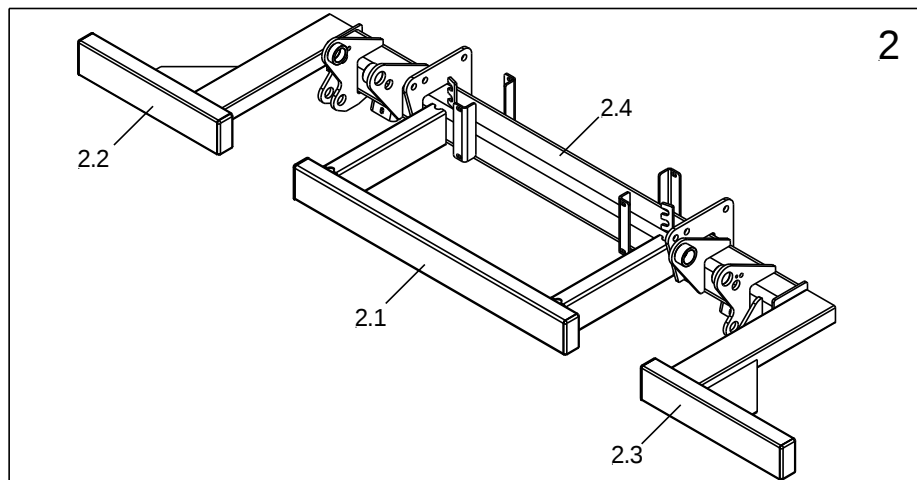
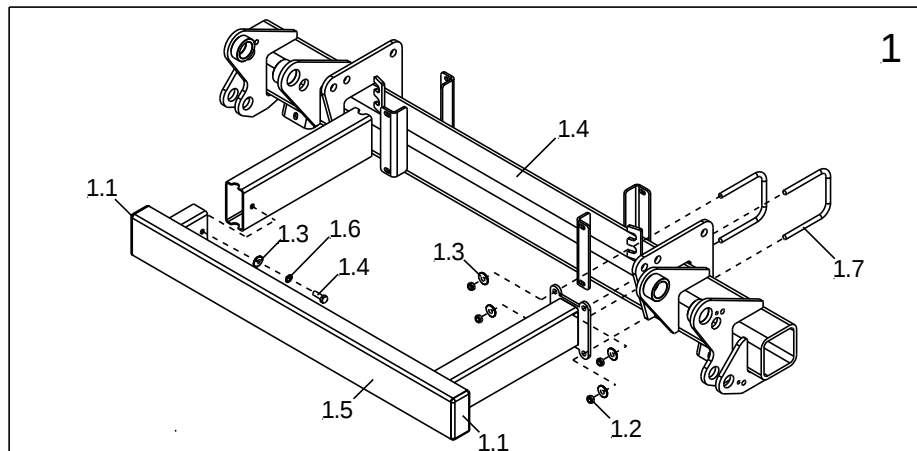
Built to Deliver - Every Time**14 Cylinder – (Discontinued 2013)**

14 – CYLINDER			
NO.	DESCRIPTION	PART NO.	QTY.
	Piston Rod Diameter – Lift Cylinder	63mm (2.5")	
	Compressed Length – Lift Cylinder	509mm (20")	
1	Lift Cylinder, <i>Without Release Valve</i> 63.28.509	1340602	1
2	Parallel Arm - 800mm (31 ½")	2005868	1
	Parallel Arm - 900mm (35 ½")	2004720	1
4	Piston Rod	1400645	1
5	Rebuild Kit	1407784	1
6	Adaptor / Hose Fitting	1188263	1
7	Restrictor No.2	1365484	1
8*	Release Valve	67282345	1
9	Bushing	1403367	2
10	Grease Zerk	2019653	1
11	Sleeve	1097838	1
12	Clamp	68430828	1
14	Hydraulic Hose	2021337	1
22	Grease Zerk	2019653	1
23	Red Cap	1191680	2

*Item #8 ships separately and not included in Item #1.

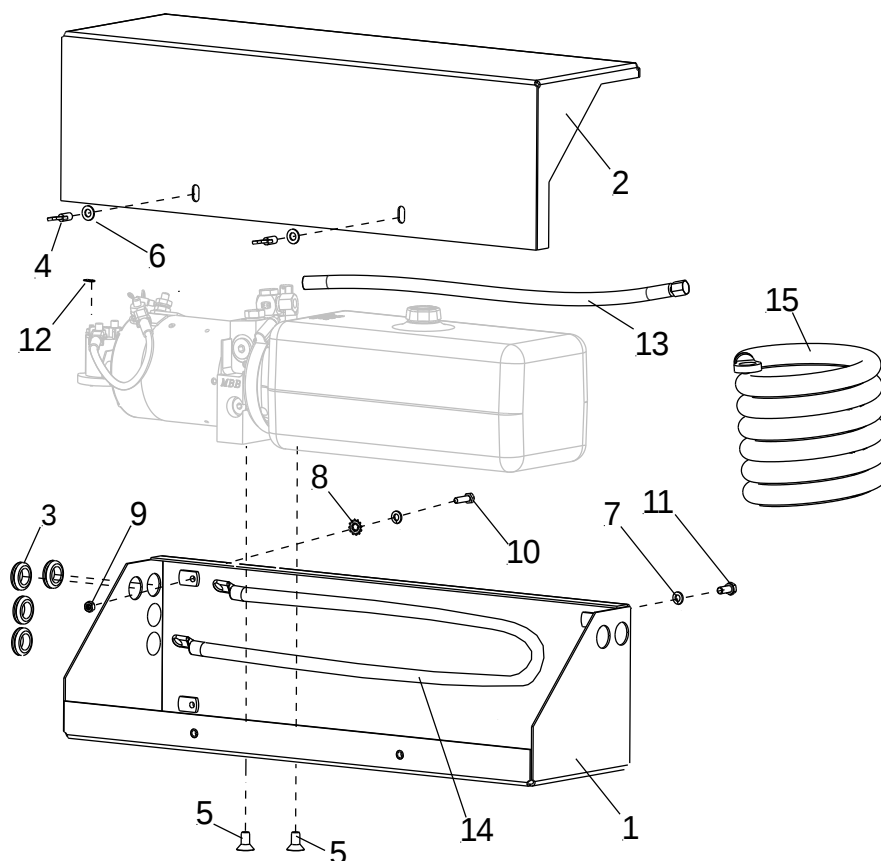
Built to Deliver - Every Time**15 Mechanical Power Down**

15 – MECHANICAL POWER DOWN			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit Mechanical Power Down	01-0116-100	1
1.1	Bracket, Mechanical Power Down	01-0116-000	1
1.2	Bracket, Torsion Spring	15-0116-001	1
1.3	Block, Torsion Spring Adjust	60-1007-301	1
1.4	Insert, Delrin Spring, 40mm X 50mm X 192mm	1228526	1
1.5	Pin	45-0116-000	1
1.6	Bolt, DIN6921 M14-1.5mm X 45mm	ES1588	1
1.7	Nut, DIN6927 M14-1.5mm	EM 711	1
1.8	Spring, Torsion, Driver Side	20-0016-002	1

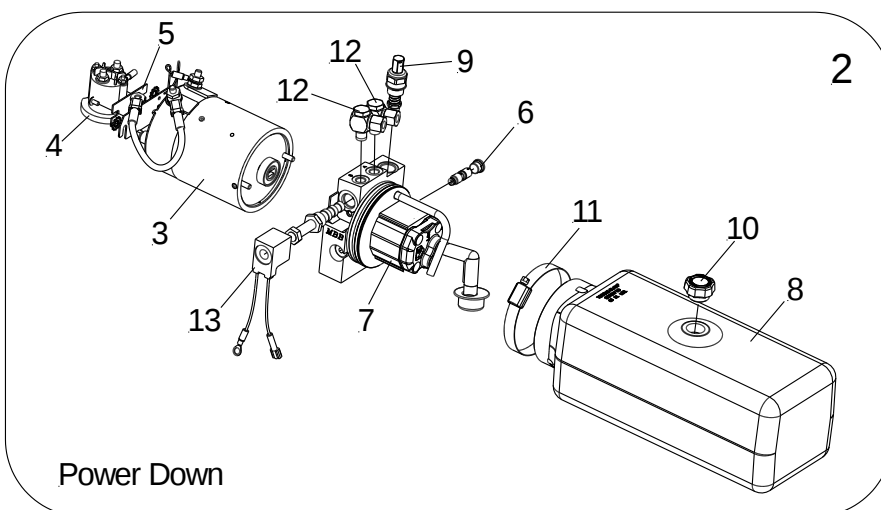
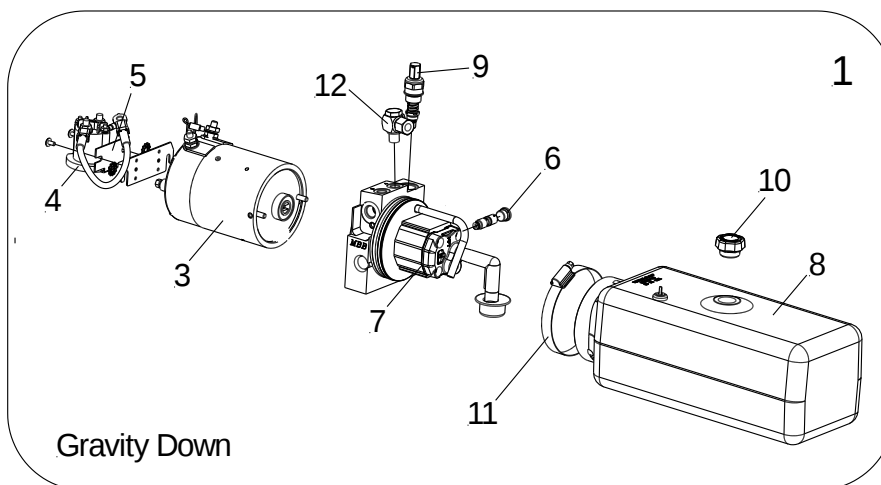
Built to Deliver - Every Time**16 Bumpers**

Built to Deliver - Every Time

16 – FRAME BUMPERS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Center Bumper Kit, Bolt-On	01-0118-200	1
1.1	Cap, 2" x 4"	60-1007-401	2
1.2	Nut, Nylock, 3/8-16, Gr.5, Zinc	EM-708	4
1.3	Washer, Flat, 3/8", USS, Zinc	EK3216	5
1.4	Hex Head Cap Screw, 3/8-16x1", Gr5, Zinc	ES3446	1
1.5	Center Bumper, Weldment	01-0118-201	1
1.6	Washer, Splitlock, 3/8"	EK3238	1
1.7	U-Bolt; 3/8-16x4"x4.75"	ES4154	2
2	3-Piece Bumper Kit, Weld-On	01-0117-000	1
2.1	Bumper, Weldment, Center	01-0114-350	1
2.2	Bumper, Weldment, Left Side	01-0117-002	1
2.3	Bumper, Weldment, Right Side	01-0117-003	1
2.4	Mount Frame, Weldment	01-0118-300	1
2.5	Cap, 2" x 4"	60-1007-401	6
3	DOT (Department of Transportation) Bumper Kit	01-0115-000	1
3.1	Bumper, Weldment, Left Side	01-0115-002	1
3.2	Bumper, Weldment, Right Side	01-0115-003	1
3.3	Bumper, Weldment, Center, DOT	01-0115-004	1
3.4	Wheel, Nylon, Black	2003774	2
3.5	Mount Frame, Weldment	01-0114-100	1
3.6	Cap, 2" x 4"	60-1007-401	4

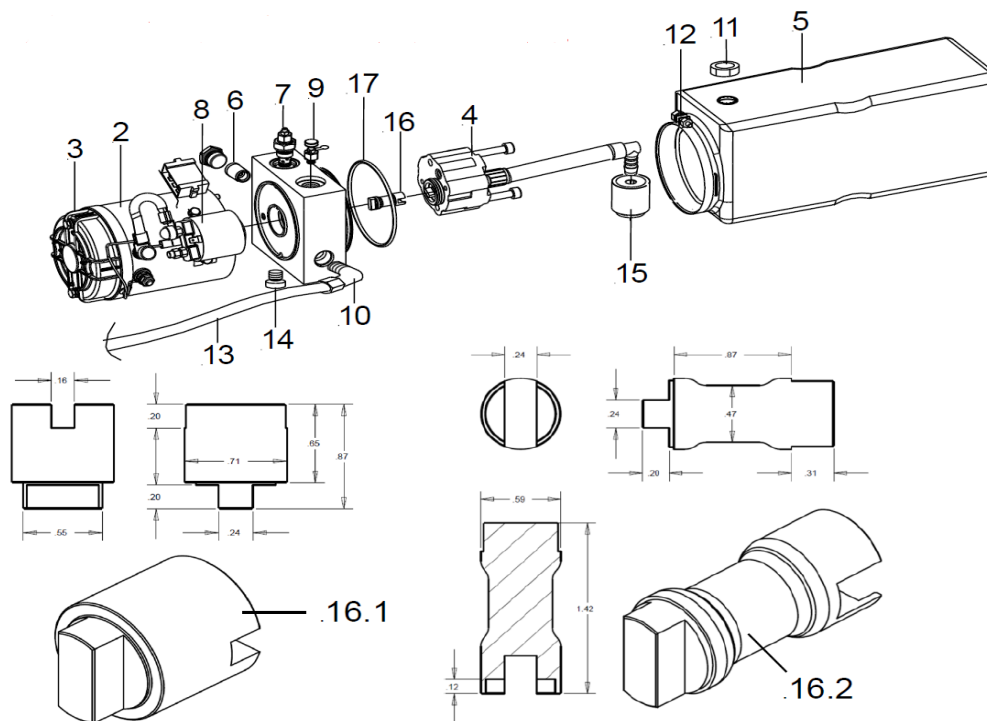
Built to Deliver - Every Time**17 Hydraulic Pump Box**

17 – HYDRAULIC PUMP BOX			
NO.	DESCRIPTION	PART NO.	QTY.
1	Pump Box, Base	50-0113-005	1
2	Pump Box, Cover	50-0113-020	1
3	Grommet, Rubber	99-8713-014	4
4	Wing Bolt, M8 X 16mm	2034123	2
5	Head Socket Cap Screw, Flat, 3/8-16 X 3/4"	99-8813-017	2
6	Washer, Flat, M8	EK2929	2
7	Washer, Split Lock, M8	EK3471	4
8	Washer, Internal/External Tooth Lock, 5/16"	EK3573	1
9	Nut, M8-1.25 Cl. 8	EM 003	2
10	Hex Head Cap Screw, M8-1.25 X 30mm	ES 013	1
11	Hex Head Cap Screw; M8-1.25 X 20mm	ES3827	2
12	Electrical Terminal, #10, Round Tongue	1474387	1
13	Hose, Hydraulic, 1400mm [55"]	2021335	1
14	Ground Cable, 2ga, Black, 700mm [27.5"]	1308319	1
15	Power Cable, 2ga, Red, 35 ft.	KET05637A	1

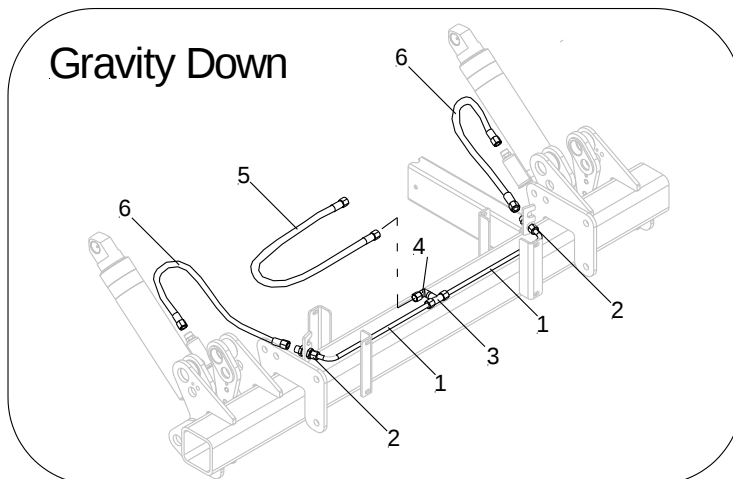
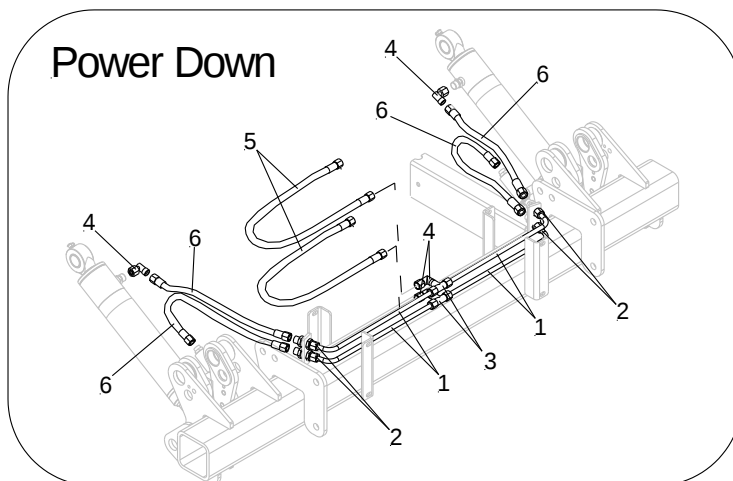
Built to Deliver - Every Time**18 Hydraulic Power Unit**

18- HYDRAULIC POWER UNIT			
NO.	DESCRIPTION	PART NO.	QTY.
1	Hydraulic Power Unit, Gravity Down	50-0313-950	1
2	Hydraulic Power Unit, Power Down	50-0313-951	1
3	Motor 12 Volt	80-1411-101	1
4	Motor Solenoid	80-1411-102	1
5	Brackets For Solenoid	50-0313-956	1
6	Check Valve Pilot	50-0313-952	1
7	Pump	80-1411-917	1
8	Oil Reservoir (Plastic)	50-0313-958	1
9	Relief Valve	50-0313-953	1
10	Breather Cap	50-0709-914	1
11	Clamp For Oil Reservoir	50-0313-954	1
12	Fitting, 90° Elbow (Qty 2 For Power Down Units)	50-0313-955	1
13	Valve Cartridge	50-0313-957	1

Built to Deliver - Every Time**NOTES**

Built to Deliver - Every Time**19 Hydraulic Power Unit (Until January 2013)**

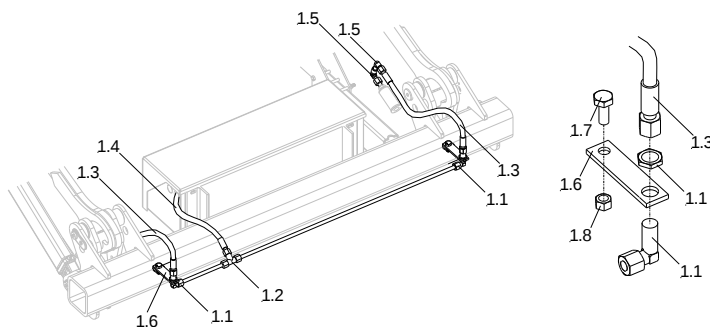
19 – HYDRAULIC POWER UNIT(UNTIL JAN. 2013)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Power pack, kit, incl. pump box (<i>not shown above</i>)	2020860	1
2	Motor 12 Volt	2020866	1
3.1	Carbon brushes kit (4 pieces) - since 2001	1410330	1
3.2	Carbon brushes kit (4 pieces) - till 2001	1407399	1
4	Pump incl. coupler, pipe, filter	2020618	1
5	Oil reservoir	1404306	1
6	Shuttle valve	2005141	1
7	Pressure control valve	1404297	1
8	Motor solenoid	1404303	1
9	Pressure gauge	1405397	1
10	Fitting - 90° Elbow	1232266	1
11	Breather cap	1404487	1
12	Clamp kit for oil reservoir	1404308	1
13	Hydraulic hose	2005387	1
14	Drain plug	66373088	1
15	Pump filter	2018681	1
16.1	Coupler ¾" x ⅞" (18mmx23mm) - <i>early style</i>	1406291	1
16.2	Coupler ¾" x 1-⅜" (18mmx34mm) - <i>new style</i>	2020617	1
17	Sealing ring	2009743	1

Built to Deliver - Every Time**20 Hydraulic Tubing Kit (After 2017)****Gravity Down****Power Down**

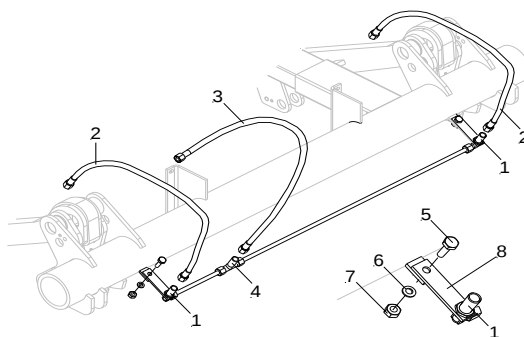
20 – HYDRAULIC TUBING KIT			
NO.	DESCRIPTION	PART NO.	QTY.
Gravity Down			
1	Hydraulic Tube Sub Assembly	80-0118-101	2
2	Fitting, Bulkhead	1111057	2
3	T-Fitting	1111084	1
4	Elbow, 90°	1232266	1
5	Hydraulic Hose, 850mm [33.5"], Rubber	2021337	1
6	Hydraulic Hose, 700mm [27.5"], Plastic	1169517	2
Power Down			
1	Hydraulic Tube Sub Assembly	80-0118-101	4
2	Fitting, Bulkhead	1111057	4
3	T-Fitting	1111084	2
4	Elbow, 90°	1232266	4
5	Hydraulic Hose, 850mm [33.5"], Rubber	2021337	2
6	Hydraulic Hose, 700mm [27.5"], Plastic	1169517	4

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Built to Deliver - Every Time**21 Hydraulic Tubing Kit (Before 2014)**

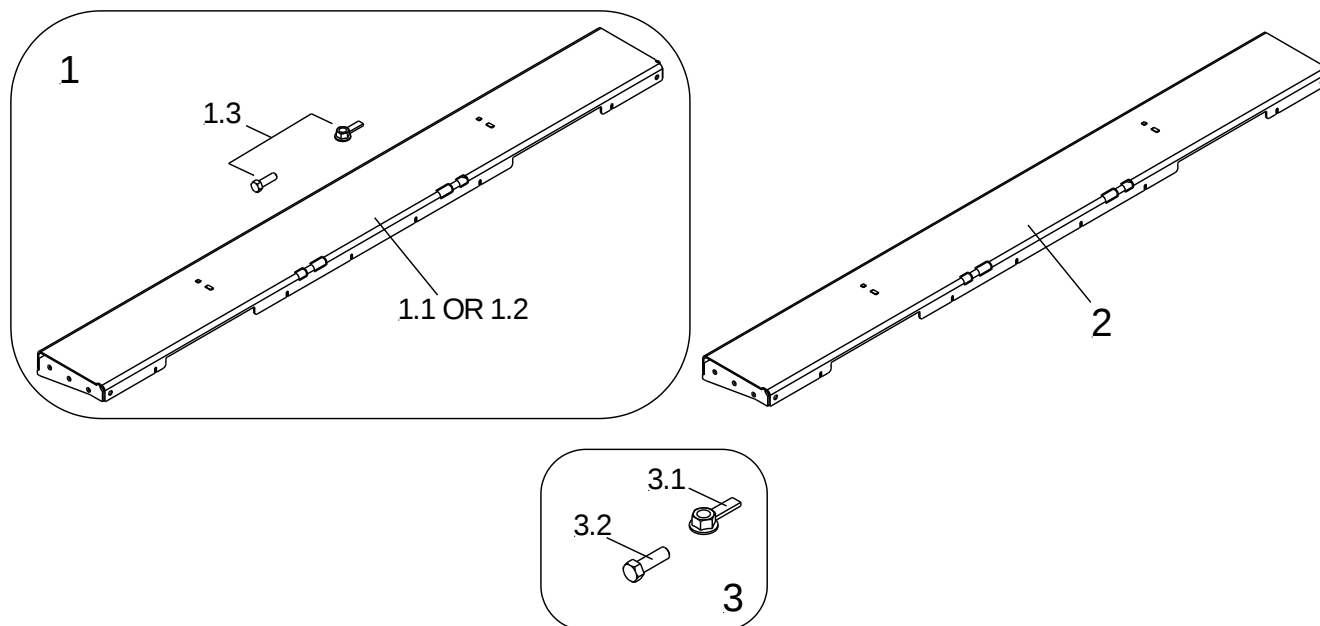
21 – HYDRAULIC TUBING KIT			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, Hydraulic Tubing	1201034	1
1.1	Bulkhead Fitting, 90°, Elbow	1111066	2
1.2	Tee Fitting	1111075	1
1.3	Hydraulic Hose, 850mm [33.5"], Rubber	2021337	4
1.4	Hydraulic Hose, 700mm [27.5"], Plastic	1169517	1
1.5	Elbow Fitting, 90°	1232266	2
1.6	Mounting Bracket	1278692	2
1.7	Bolt, M10x25mm, ST8.8	66125262	2
1.8	Nut, M10	67243153	2

22 Hydraulic Tubing Kit (German)

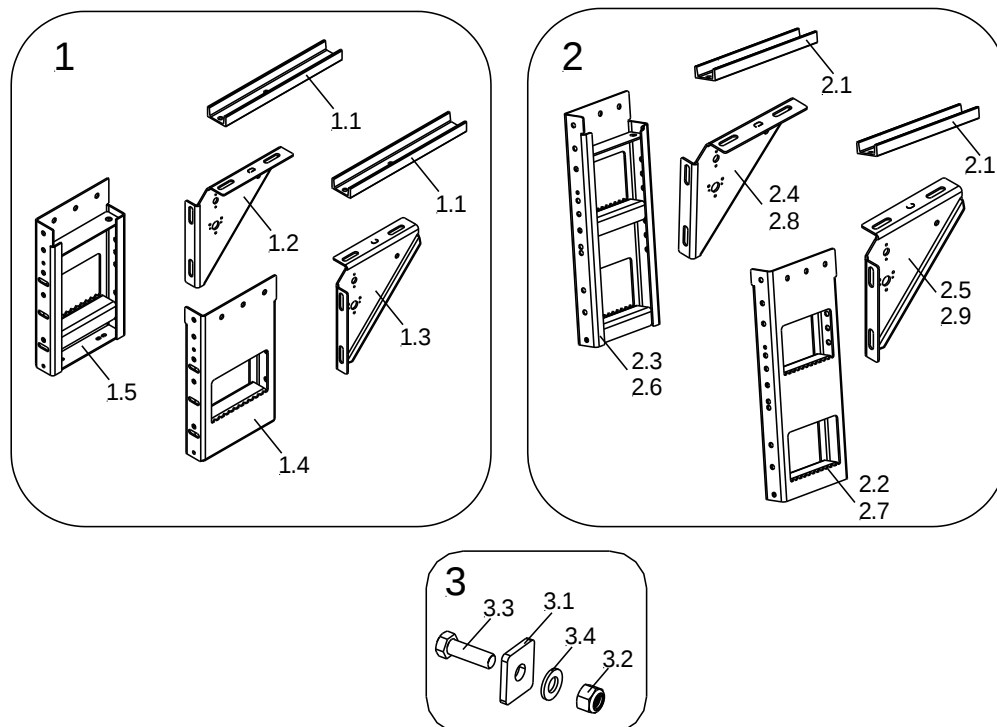
22 – HYDRAULIC TUBING KIT (GERMAN)			
NO.	DESCRIPTION	PART NO.	QTY.
1	Bulkhead Fitting, 90°, Elbow	1111066	2
2	High Pressure Hose, 850mm L [33.5" L]	2021337	2
3	High Pressure Hose, 1400mm L [55" L]	1273114	1
4	Tee Fitting, 10L	1111084	1
5	Bolt, M10x25mm, ST8.8	66125262	2
6	Washer, M10	1207076	2
7	Nut, M10	67243153	2
8	Plate	1278692	2

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Built to Deliver - Every Time**23 Bed Extensions**

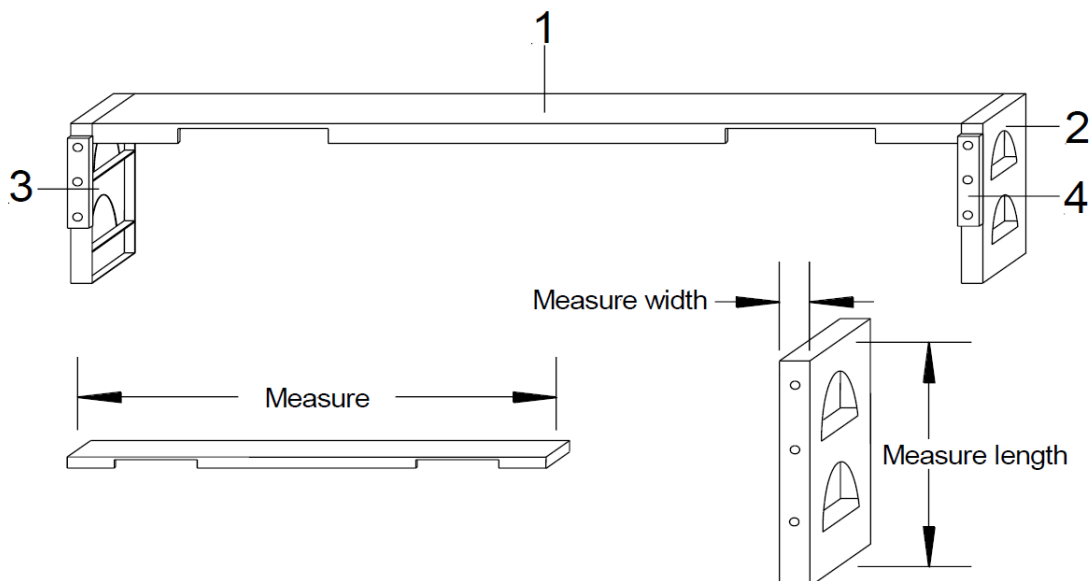
23 - BED EXTENSIONS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, 102" Wide Vehicle, Bed Extension, Bolt-On, w/Hardware, 3/16"	60-0114-000	1
	Kit, 96" Wide Vehicle, Bed Extension, Bolt On, w/Hardware	60-0114-001	1
1.1	Bed Extension Weldment, 102"	60-0113-100	1
1.2	Bed Extension Weldment, 96"	60-0113-200	1
1.3	Hardware Kit	65-1012-220	1
2	Bed Extension, 102" Wide Vehicle, Weld-On	60-0113-100	1
	Bed Extension, 96" Wide Vehicle, Weld-On	60-0113-200	1
3	Bolt-On Bed Extension Hardware Kit	65-1012-220	1
3.1	Nut, With Stop Arm, 9/16"-18	65-1012-012	13
3.2	Hex Head Cap Screw, 9/16"-18 X 1.75"	99-8813-119	13

Built to Deliver - Every Time**24 Dock Bumpers (After 2014)**

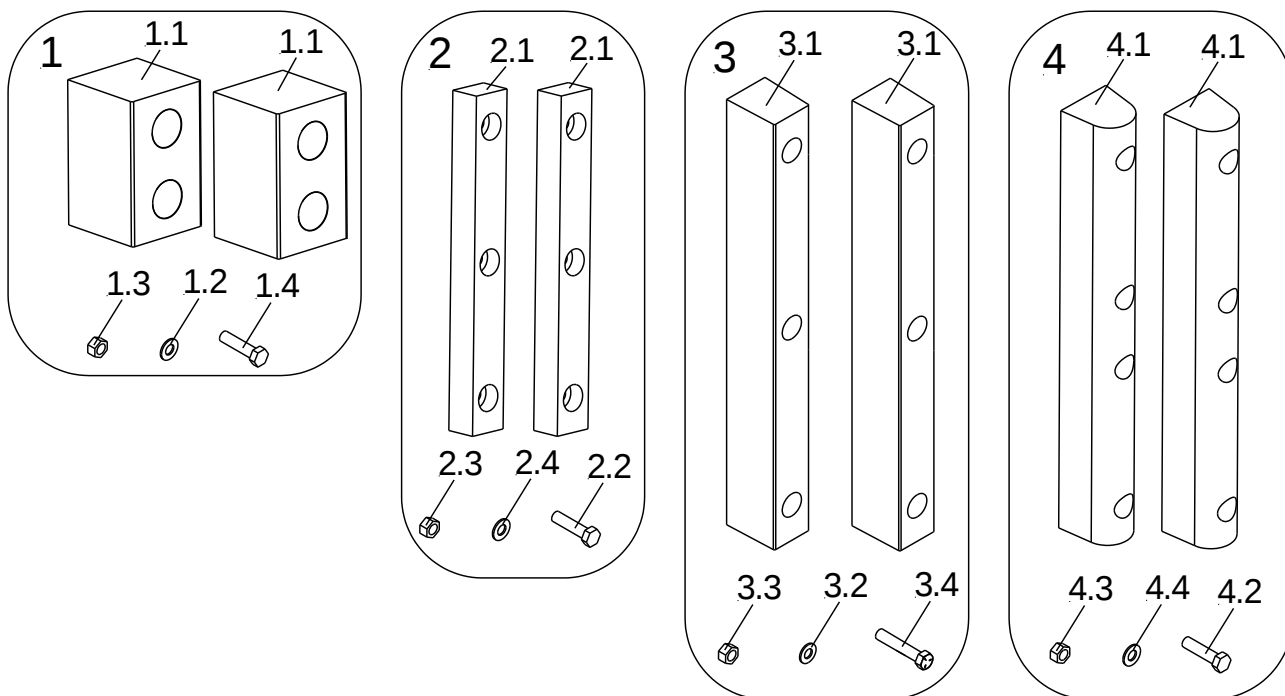
24 - DOCK BUMPERS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, 21" Dock Bumpers, Weld-On, Heavy Duty (3/16")	60-7515-013	1
	Kit, 21" Dock Bumpers, Bolt-On, Heavy Duty (3/16") w/Hardware	65-7515-007	1
1.1	3" Channel	60-1013-032	2
1.2	Strut Brace, 3/16", Street Side	65-7514-008	1
1.3	Strut Brace, 3/16", Curb Side	65-7514-009	1
1.4	Dock Bumper, 12" X 21" X 3/16", Curb Side	65-7515-000	1
1.5	Dock Bumper, 12" X 21" X 3/16", Street Side	65-7515-003	1
2	Kit, 28" Dock Bumpers, Weld-On, Heavy Duty (3/16")	65-7514-001	1
	Kit, 28" Dock Bumpers, Bolt-On, Heavy Duty (3/16") w/Hardware	65-7514-000	1
	Kit, 28" Dock Bumpers, Weld-On, Extra Heavy Duty (1/4")	65-1013-011	1
	Kit, 28" Dock Bumpers, Bolt-On, Extra Heavy Duty (1/4") w/Hardware	65-1013-010	1
2.1	3" Channel	60-1013-032	2
2.2	Dock Bumper, 12" X 28" X 3/16", Curb Side	65-7514-002	1
2.3	Dock Bumper, 12" X 28" X 3/16", Street Side	65-7514-003	1
2.4	Strut Brace, 3/16", Street Side	65-7514-008	1
2.5	Strut Brace, 3/16", Curb Side	65-7514-009	1
2.6	Dock Bumper, 12" X 28" X 1/4", Street Side	60-1013-010	1
2.7	Dock Bumper, 12" X 28" X 1/4", Curb Side	60-1013-020	1
2.8	Strut Brace, 1/4", Street Side	60-1013-030	1
2.9	Strut Brace, 1/4", Curb Side	60-1013-031	1
3	Dock Bumper Hardware Kit	65-1013-012	1
3.1	Square Washer, 9/16"	60-1013-050	8
3.2	Nut, Nylock, 9/16"-12	EM862	16
3.3	Hex Head Cap Screw, 9/16-12 X 1.75"	ES4003	16
3.4	Washer, Flat, 9/16, SAE	EK3280	16

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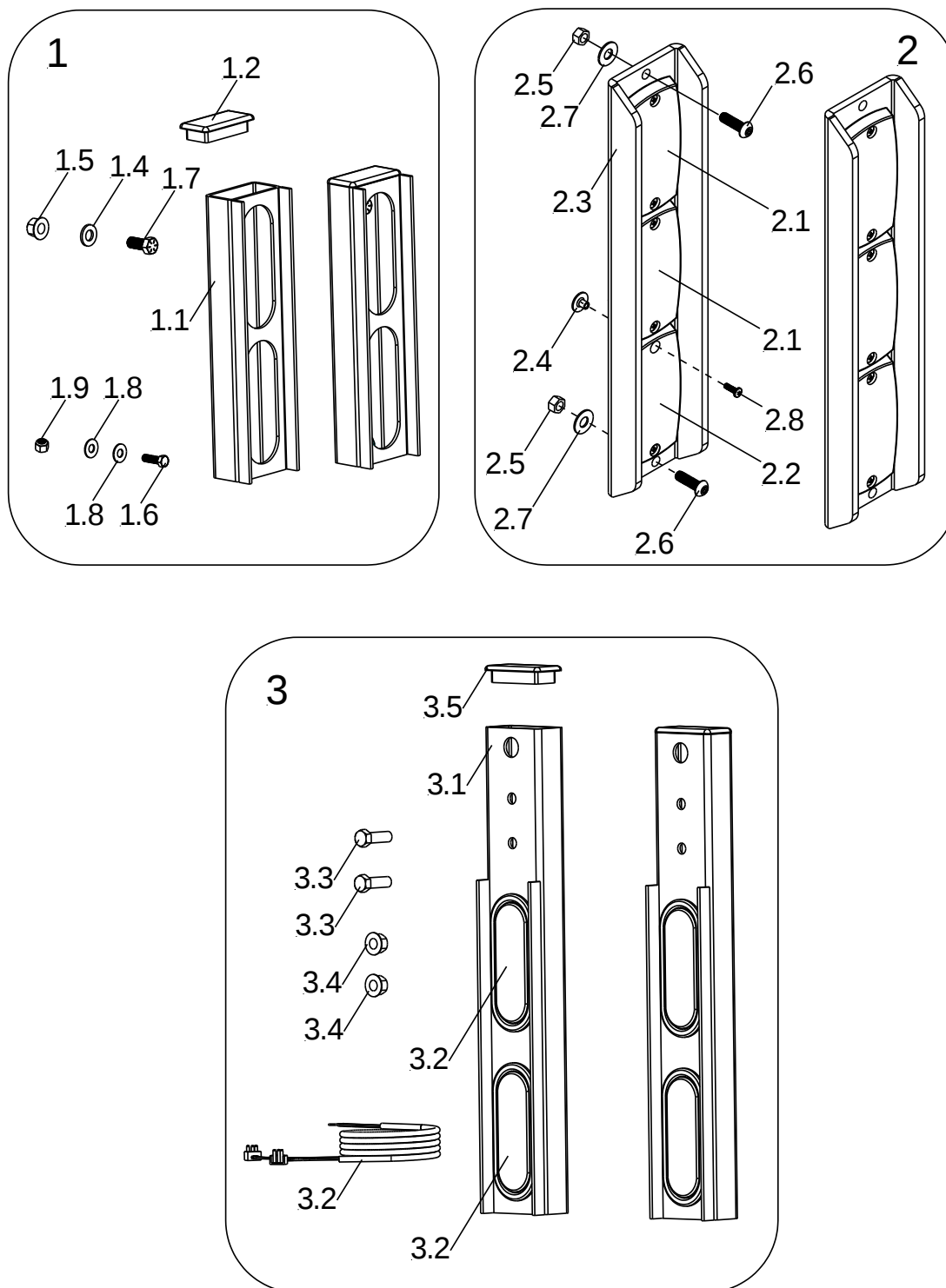
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Built to Deliver - Every Time**25 Dock Bumper and Bed Extensions (Before 2014)**

25 - DOCK BUMPER - RUBBER BUMPERS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Bed Extension		
	Length 96" (2440mm)	426BEB-A	1
	Length 102" (2590mm)	426BEB-A-102	1
2	Dock Bumper - Curb Side		
	Length 24" (610mm), Width 3" (76mm) , 2-Step	1-0001924R-BO	1
	Length 24" (610mm), Width 4" (101mm) - HD, 2-Step	1-0001924HDR	1
	Length 24" (610mm), Width 4" (101mm) - HD With Lights, 2-Step	1-0001924HDR-LC	1
	Length 20" (533mm), Width 3" (76mm), 1-Step	1-0001920R	1
3	Dock Bumper - Driver Side		
	Length 24" (610mm), Width 3" (76mm), 2-Step	1-0001924L-BO	1
	Length 24" (610mm), Width 4" (101mm) - HD, 2-Step	1-0001924HDL	1
	Length 24" (610mm), Width 4" (101mm) - HD With Lights, 2-Step	1-0001924HDL-LC	1
	Length 20" (533mm), Width 3" (76mm)), 1-Step	1-0001920L	1
4	Rubber Bumper		
	Rubber Bumper	1-00021	1
	KITS (Curb And Driver Side)		
	Dock Bumper - Length 24" (610mm), Width 3" (76mm)	1-0001924S	1
	Dock Bumper HD - Length 24" (610mm), Width 4" (101mm)	1-0001924HDS	1
	Dock Bumper HD with Lights- Length 24" (610mm), Width 4" (101mm)	1-0001924HDS-OR	1
	Dock Bumper - Length 20" (533mm), Width 3" (76mm)	1-0001920S	1

Built to Deliver - Every Time**26 Dock Bumper – Rubber Bumpers**

26 - DOCK BUMPER - RUBBER BUMPERS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Bumper Kit, 4.8", UHMW	65-7518-300	1
1.1	Bumper, 3"X3"X4.88", UHMW	65-7517-400	1
1.2	Washer, Flat,1/2" SAE	EK2796	4
1.3	Nut, Nylock, 1/2"-13	EM-707	2
1.4	Hex Head Cap Screw, 1/2-13x2.5", Gr.5, ZINC	ES3553	2
2	Bumper Kit, 16", UHMW	65-7518-005	1
2.1	Bumper, 16"X2"X1.5", UHMW	65-7518-001	1
2.2	Hex Head Cap Screw, 1/2"-13 X 2"	ES3455	3
2.3	Nylock, 1/2"-13	EM-707	3
2.4	Washer, Flat,1/2" SAE	EK2796	6
3	Rubber Bumper Kit, 3" X 2.5" X 24", 3-Hole, W/Bolt-On Hardware	65-7514-024	1
3.1	Rubber Dock Bumper	65-7514-023	2
3.2	Washer, Flat, 1/2"	EK2796	12
3.3	Nut, Nylock, 1/2"-13	EM-707	6
3.4	Hex Head Cap Screw, 1/2"-13 X 2.75"	ES3554	6
4	Rubber Bumper Kit, 3" X 3" X 24", 4-Hole, W/Bolt-On Hardware	65-7513-424	1
4.1	Rubber Dock Bumper	65-7513-024	2
4.2	Hex Head Cap Screw, 1/2"-13 X 2"	99-8813-004	8
4.3	Nut, Nylock, 1/2"-13	99-8813-005	8
4.4	Washer, Flat,1/2"	99-8813-006	16

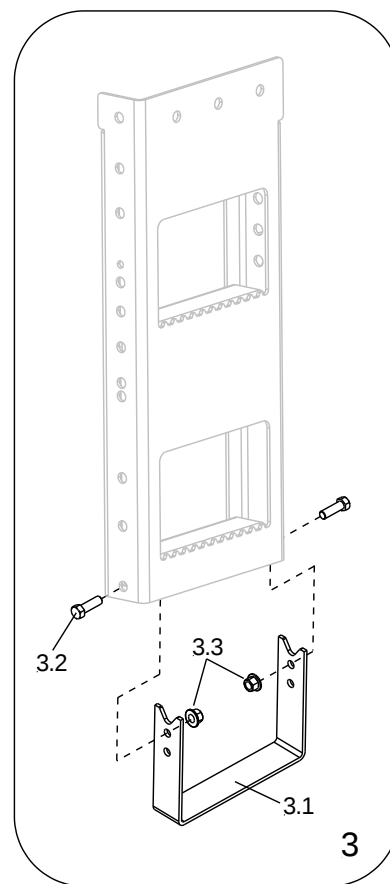
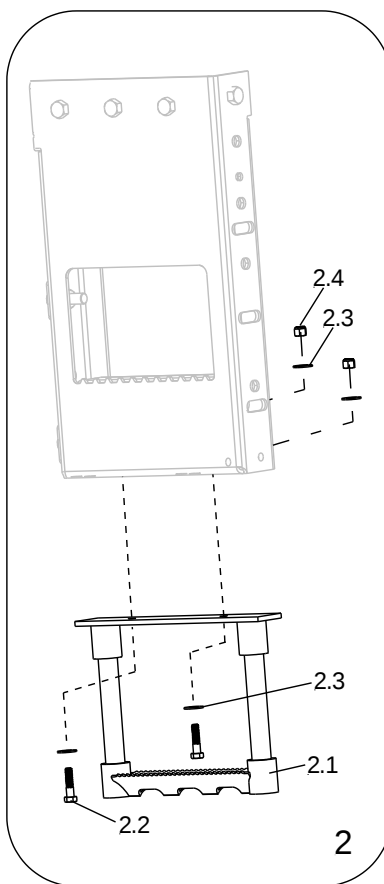
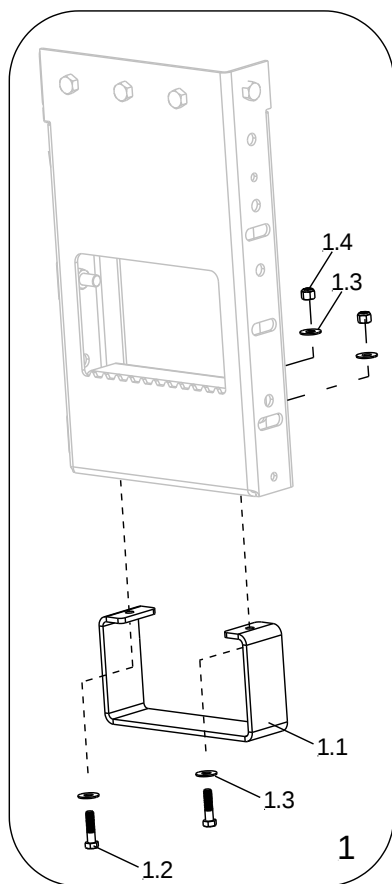
Built to Deliver - Every Time**27 Dock Bumper - Light Kits**

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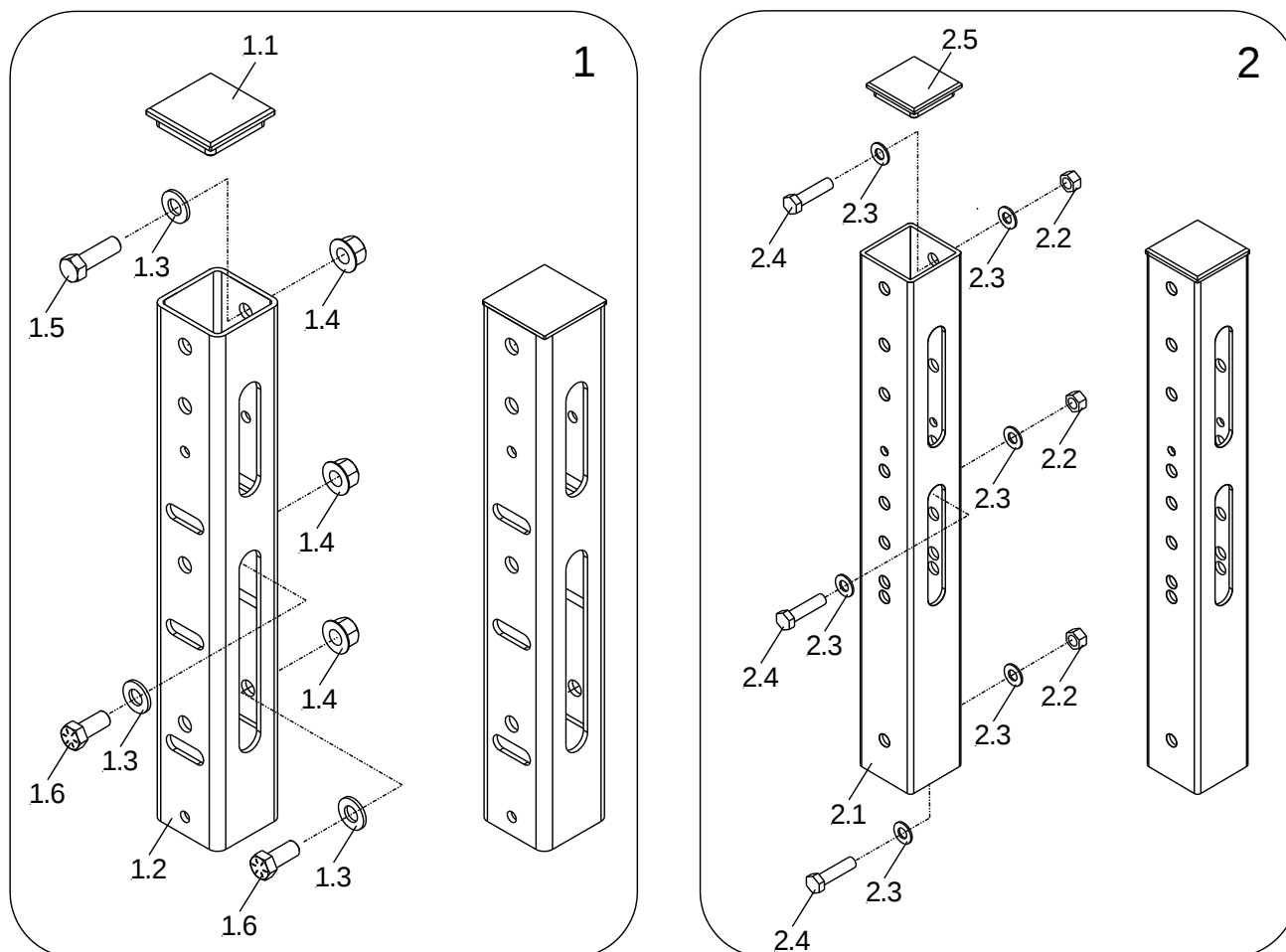
27 - DOCK BUMPER LIGHT KITS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, Light Fixture, 21" Dock Bumpers, (No Lights Included)	60-7515-014	1
1.1	Fixture, 21", Series 60 Lights	65-7515-010	2
1.2	Cap, Plastic, 2" X 4"	60-1007-401	2
1.3	Washer, Flat, 9/16" SAE	EK3280	2
1.4	Nut Flange, 9/16"-18	EM 693	2
1.5	Hex Head Cap Screw, 3/8"-16 X 1-1/4"	ES3496	2
1.6	Hex Head Cap Screw, 9/16"-18 X 1-1/4"	ES3689	2
1.7	Washer, Flat, 3/8" USS	EK3216	4
1.8	Nut, Nylock, 3/8"-16	EM-708	2
2	Kit, Light Fixture, Dock Bumpers, 3" Lights, W/Bolt On Hardware	65-1013-400	1
2.1	Red Led Light	65-1013-201	2
2.2	White Led Light	65-1013-202	1
2.3	3-Light Bracket	65-7513-102	1
2.4	Propel Nut	99-1013-001	6
2.5	Nut, Nylock, 3/8"-16	99-8813-032	2
2.6	Button Head Cap Screw, 3/8"-16 X 1.25"	99-8813-048	2
2.7	Washer, Flat, 3/8"	99-8813-058	2
2.8	Phillips Machine Screw, #10-32 X 1/2"	99-8813-078	6
3	Kit, Light Fixture, 28" Dock Bumpers, Series 60 Light (W/Lights)	65-0815-100	1
3.1	Fixture, Series 60 Light	65-0815-002	2
3.2	Light Kit, W/Harness, Red Light/Red Light (Standard)	70-8015-015	1
	Light Kit, W/Harness, Red Light/White Light (Optional)	70-8015-010	1
3.3	Hex Head Cap Screw, 9/16"-18 X 1.75"	99-8813-119	4
3.4	Nut, Flange, 9/16"-18	99-8813-120	4
3.5	Cap, Plastic, 2" X 4"	60-1007-401	2

Built to Deliver - Every Time**28 Dock Bumper - Steps**

28 - DOCK BUMPER STEPS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Stirrup Step Kit, w/Bolt On Hardware (for 21" Dock Bumpers only)	65-7515-012	1
1.1	Stirrup Step, 6"	65-1011-102	1
1.2	Hex Head Cap Screw, 3/8"-16x1.5"	ES3656	2
1.3	Washer, Flat, 3/8" USS, Zinc	EK3216	4
1.4	Nut, Nylock, 3/8"-16, Gr.5, Zinc	EM-708	2
2	Cable Step Kit, w/Bolt On Hardware (for 21" Dock Bumpers only)	65-7515-006	1
2.1	Cable Step	65-7515-005	1
2.2	Hex Head Cap Screw, 3/8"-16x1.50"	ES3656	2
2.3	Washer, Flat, 3/8", USS, Zinc	EK3216	4
2.4	Nut, Nylock 3/8"-16, Gr.5, Zinc	EM-708	2
3	Stirrup Step Kit, w/Bolt On Hardware (for 28" Dock Bumpers only)	65-7514-010	1
3.1	Step Extension, 8"	60-1013-060	2
3.2	Hex Head Cap Screw, 9/16"-18 X 1.75"	99-8813-119	4
3.3	Nut, Flange, 9/16"-18	99-8813-120	4

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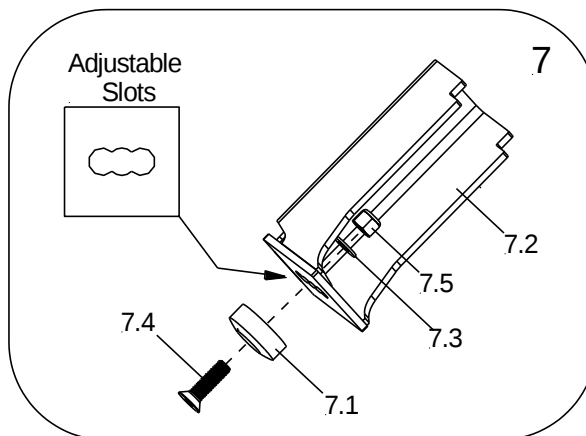
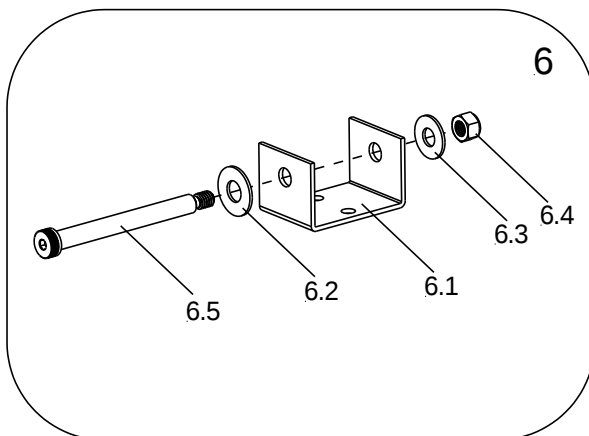
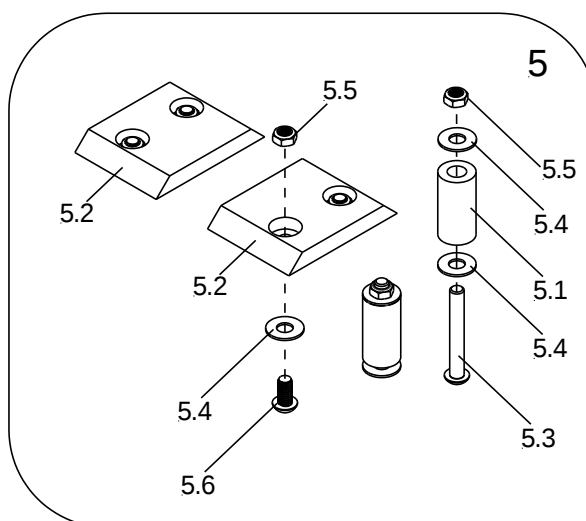
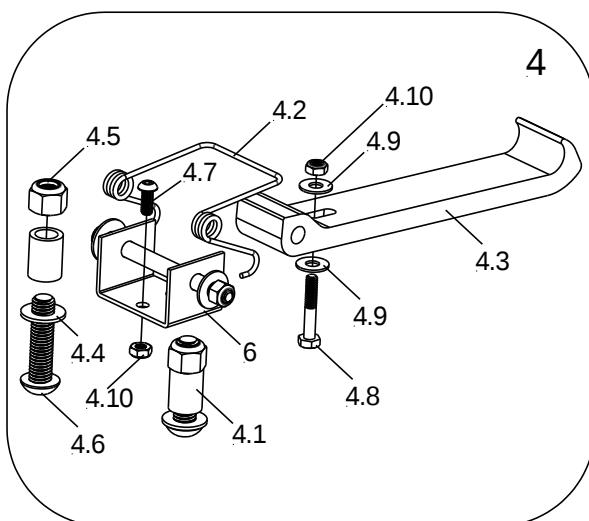
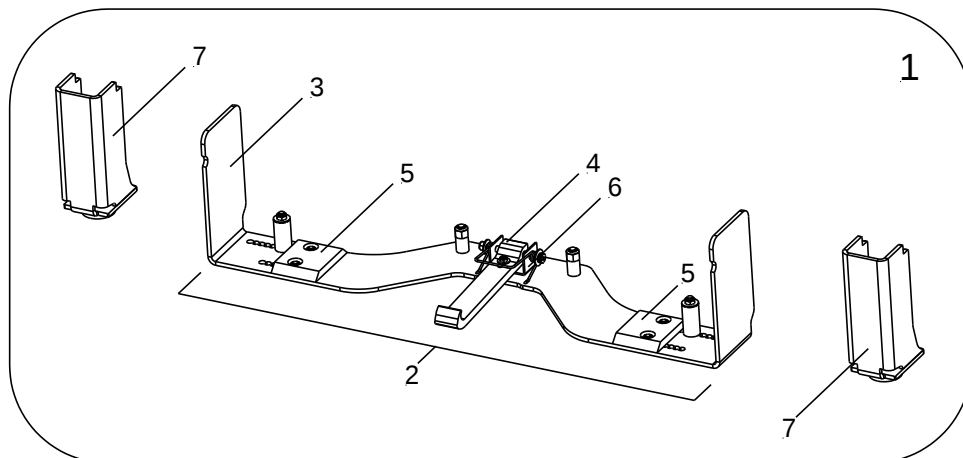
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Built to Deliver - Every Time**29 Dock Bumpers - Walk Ramp Extensions**

29 - DOCK BUMPER – WALK RAMP EXTENSIONS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, 21" Dock Bumper, Bolt-On, Walk Ramp Extension, W/Hardware	65-7515-013	1
1.1	3" Square Cap, Plastic	99-8714-001	2
1.2	Extension, Square Tube, 3" X 3"	65-7515-014	2
1.3	Washer, Flat, 9/16" SAE	EK3280	6
1.4	Nut, Flange , 9/16"-18	EM 693	6
1.5	9/16"-18 X 1.75 Hex Head Cap Screw	ES3444	2
1.6	Hex Head Cap Screw; 9/16-18 X 1 ¼"	ES3689	4
2	Kit, 28" Dock Bumper, Bolt-On, Walk Ramp Extension, W/Hardware	65-7514-014	1
2.1	Extension, Square Tube, 3" X 3"	65-7514-015	2
2.2	Nut, Nylock, 1/2"-13	99-8813-005	6
2.3	Washer, Flat, 1/2"	99-8813-006	12
2.4	Hex Head Cap Screw, 1/2"-13 X 1.5"	99-8813-009	6
2.5	3" Square Cap, Plastic	99-8714-001	2

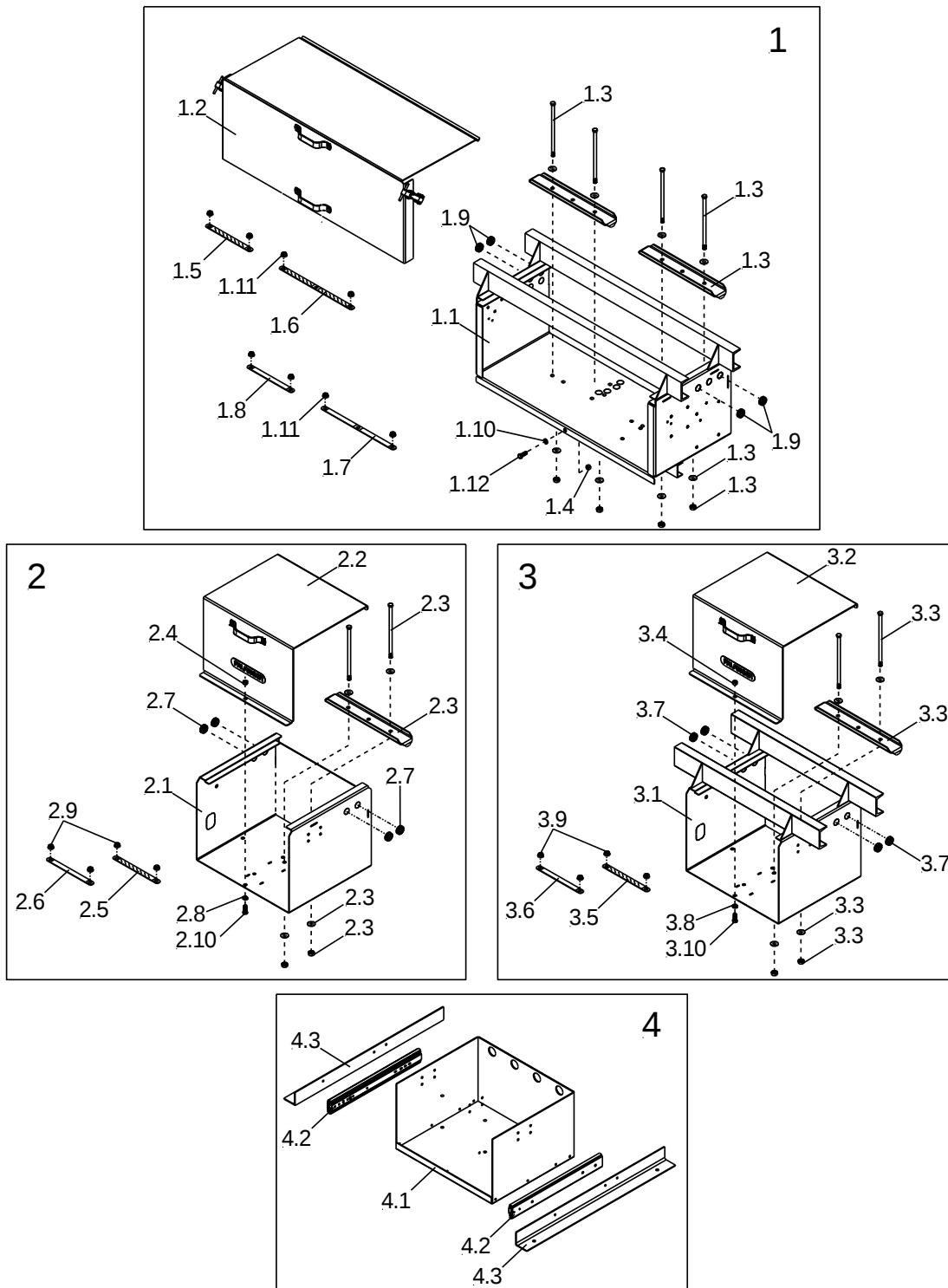
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Built to Deliver - Every Time**30 Walk Ramp**

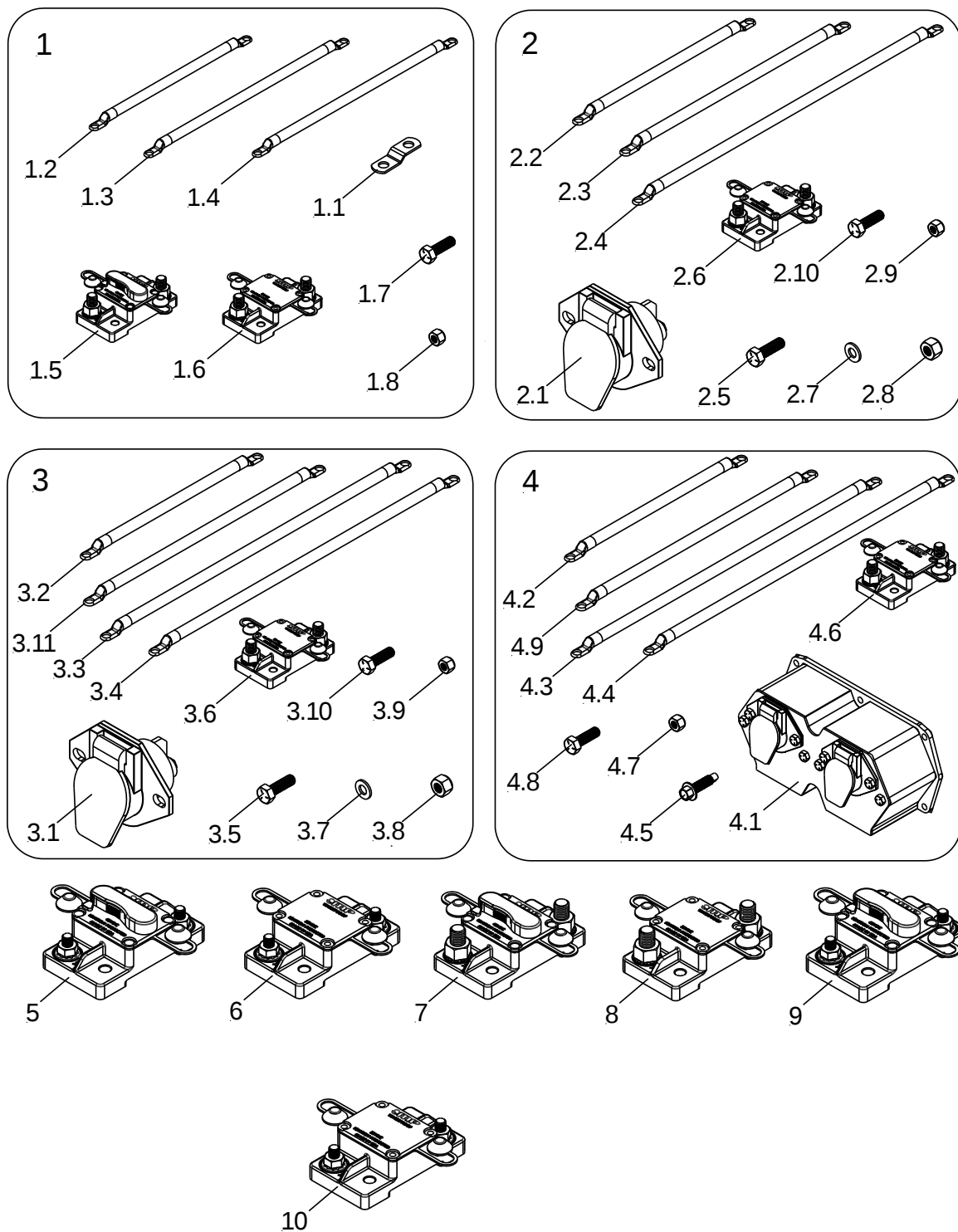
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30 – WALK RAMP			
NO.	DESCRIPTION	PART NO.	QTY.
1	Walk Ramp Kit, Cradle, Upstops, Hardware	60-7516-200	1
2	Cradle Kit	60-7515-008	1
3	Cradle	60-1012-211	1
4	Latch Kit	60-7515-006	1
4.1	Slide Stop	60-1009-115	2
4.2	Spring Torsion	60-1011-104	1
4.3	Hook	60-1012-103	1
4.4	Washer, Flat, 1/2"	EK2796	2
4.5	Nut, Nylock, 1/2"-13	EM-707	2
4.6	Button Head Cap Screw, 1/4" -13 X 2.00"	ES3535	2
4.7	Button Head Cap Screw, 1/4" -20 X 5/8"	ES3537	2
4.8	Hex Head Cap Screw, 1/4"-20 X 1.50"	ES3651	1
4.9	Washer, Flat, 1/4" USS, Zinc	EK3218	2
4.10	Nut, Nylock, 1/4"-20 Zinc	EM 722	3
5	Slide And Slide Guard Kit	60-7515-007	1
5.1	Slide Guard	60-1009-112	2
5.2	Walk Ramp Slide Pad	60-1011-151	2
5.3	Button Head Cap Screw, 3/8"-16 X 2.75"	ES3534	2
5.4	Washer, Flat, 3/8" USS, Zinc	EK3216	8
5.5	Nut, Nylock, 3/8"-16, Block Half Height	EM-709	6
5.6	Button Head Cap Screw, 3/8"-16 X 3/4"	ES3460	4
6	Bracket & Hardware	60-1012-203	1
6.1	Bracket	60-7515-009	1
6.2	Washer, Flat, 3/8" USS, Zinc	EK3216	1
6.3	Washer, Flat, 5/16"	EK3217	1
6.4	Nut, Nylock, 5/16"-18	EM 710	1
6.5	Shoulder Screw, 3/8" X 3.5"	ES3533	1
7	Up Stop Kit	60-7516-005	1
7.1	Bumper, UHMW	60-1009-113	1
7.2	Up Stop Formed, Adjustable	60-7516-020	1
7.3	Washer, Flat, 1/2"	EK2796	1
7.4	Flat Head Cap Screw, 1/2"-13 X 1.75"	ES3536	1
7.5	Nut, Nylock, 1/2"-13	EM 689	1

Built to Deliver - Every Time**31 Battery Box Kits**

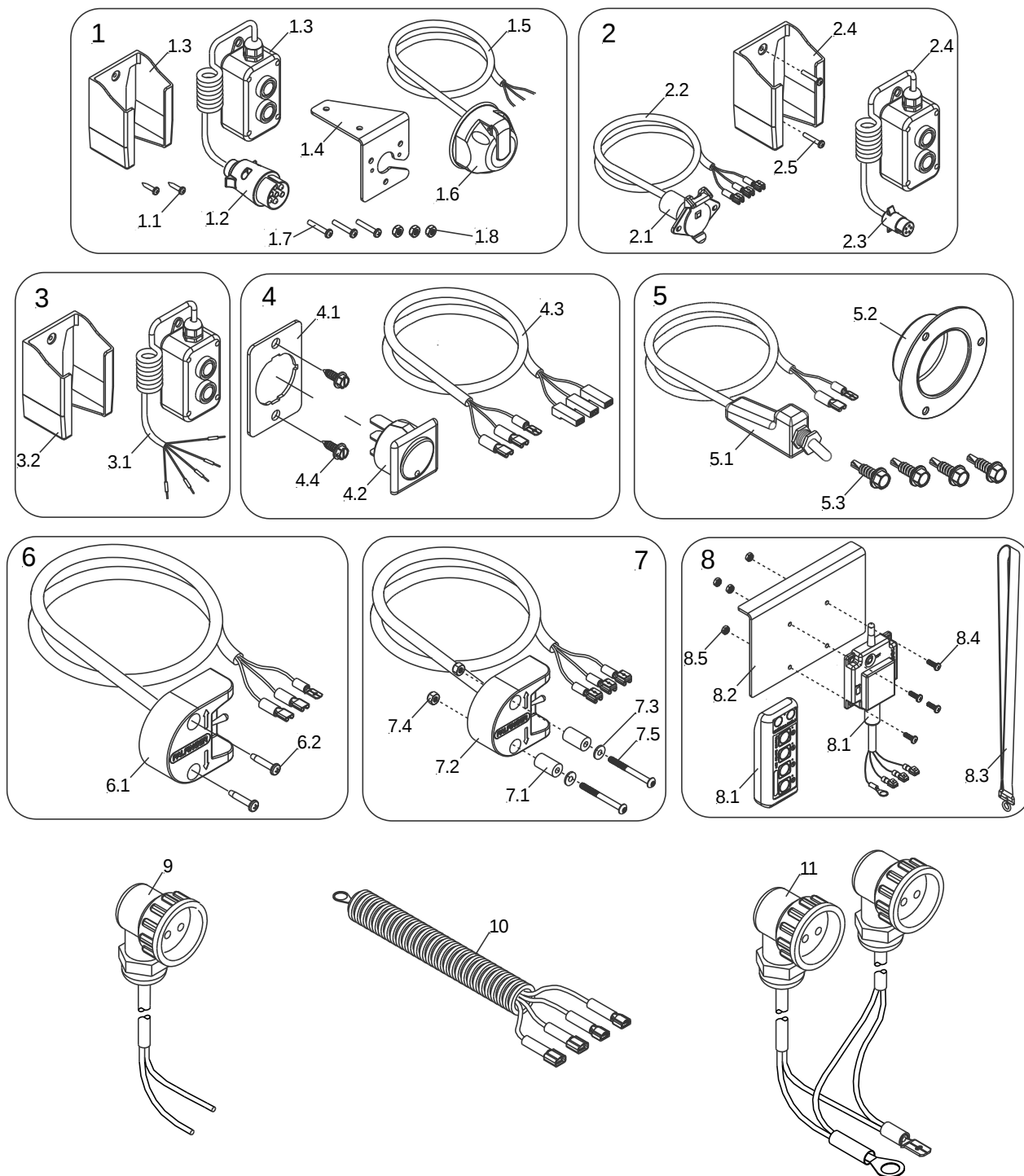
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31 – BATTERY BOX KITS			
No.	Description	Part No.	Qty.
1	Battery Box Kit, 4-Battery	50-8016-100	1
1.1	Battery Box Base, Assembly, Large	50-8016-001	1
1.2	Battery Box Lid Assembly	60-7515-012	1
1.3	Kit, 2-Battery Hold Down	60-7515-151	2
1.4	Nut, 3/8"-16, Gr.5	EM 532	1
1.5	Bus Bar, 2-Battery, Black	KET05916A	1
1.6	Bus Bar, 3-Battery, Black	KET05961A	1
1.7	Bus Bar, 3-Battery, Red	KET05962A	1
1.8	Bus Bar, 2-Battery, Red	KET06062A	1
1.9	Grommet, 7/8" Diameter Hole	EK3504	1
1.10	Washer, Split Lock, 3/8"	EK3238	1
1.11	Nut, Serrated, 3/8"-16; Stainless Steel	EM 781	1
1.12	Hex Head Cap Screw, 3/8"-16x1", Gr. 5, Zinc	ES3446	1
2	Battery Box Kit, 2-Battery	50-8016-200	1
2.1	Battery Box, Base, Assembly, 2-Battery	50-8016-201	1
2.2	Lid, Assy., Aluminum	60-7517-018	1
2.3	2-Battery Hold Down Kit	60-7515-151	1
2.4	Nut, 3/8"-16, Gr. 5	EM 532	1
2.5	Bus Bar, 2-Battery, Black	KET05916A	1
2.6	Bus Bar, 2-Battery, Red	KET06062A	1
2.7	Grommet, 7/8" Diameter Hole	EK3504	4
2.8	Washer, Split Lock, 3/8"	EK3238	1
2.9	Nut, Serrated, 3/8"-16, Stainless Steel	EM 781	4
2.10	Hex Head Cap Screw, 3/8"-16x1", Gr.5, Zinc	ES3446	1
3	Battery Box Kit, 2-Battery, w/Channels	60-7517-022	1
3.1	Battery Box, Base, Assembly, 2-Battery, w/Channels	60-7517-020	1
3.2	Lid Assy., Alum	60-7517-018	1
3.3	2-Battery Hold Down Kit	60-7515-151	1
3.4	Nut, 3/8"-16, Gr. 5	EM 532	1
3.5	Bus Bar, 2-Battery, Black	KET05916A	1
3.6	Bus Bar, 2-Battery, Red	KET06062A	1
3.7	Grommet, 7/8" Diameter Hole	EK3504	4
3.8	Washer, Split Lock, 3/8"	EK3238	1
3.9	Nut, Serrated, 3/8"-16, Stainless Steel	EM 781	4
3.10	Hex Head Cap Screw, 3/8"-16x1", Gr.5, Zinc	ES3446	1
4	2-Battery Box Kit, Slide Out Tray	2-000051A	1
4.1	Battery Box Base	2-00060	1
4.2	Slide, Steel, 16"	2-10400	1
4.3	Angle, 2"x2"x26.5"x1/8", Steel	50-8017-003	1
5	Battery, Lead/Acid, Group 31	3-49999	1

Built to Deliver - Every Time**32 Trailer/Truck Charge Kits**

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32 – TRUCK/TRAILER CHARGE KITS			
No.	Description	Part No.	Qty.
1	Truck Kit, 40ft., Electrical	70-1115-100	1
1.1	Bus Bar, Copper	KET06537A	1
1.2	Cable, 2GA, 18", 3/8" Lugs, Red	KET05919A	1
1.3	Cable, 2GA, 74", 3/8" Lugs, Black	KET05925A	1
1.4	Cable, 2GA; 480", 3/8" Lugs, Red	KET06314A	1
1.5	Circuit Breaker, 175a, 3/8" Studs, Manual Reset	70-8114-009	1
1.6	Circuit Breaker, 175a, 3/8" Studs, Auto Reset	70-8114-008	1
1.7	Hex Head Cap Screw, 1/4-20x1.0", Gr.5, Zinc	ES3443	2
1.8	Nut, Nylock 1/4-20, Zinc	EM 722	2
2	Single Pole Kit, Trailer	70-1115-101	1
2.1	Socket, Single Pole	70-8015-019	1
2.2	Cable, 2GA, 18", 3/8" Lugs, Red	KET05919A	1
2.3	Cable, 2GA, 74", 3/8" Lugs, Black	KET05925A	1
2.4	Cable, 2GA; 480", 3/8" Lugs, Red	KET06314A	1
2.5	Hex Head Cap Screw, 5/16-18x1"	ES3724	1
2.6	Circuit Breaker, 175A, 3/8" Studs, Auto Reset	70-8114-008	1
2.7	Washer, Flat, 5/16"	EK3217	1
2.8	Nut, Nylock, 5/16-18	EM 710	1
2.9	Nut, Nylock, 1/4-20 Zinc	EM 722	1
2.10	Hex Head Cap Screw, 1/4-20x1.0", Gr.5, Zinc	ES3443	1
3	Dual Pole Kit, Trailer	70-1115-102	1
3.1	Socket, Dual Pole	70-8015-018	1
3.2	Cable, 2GA, 18", 3/8" Lugs, Red	KET05919A	1
3.3	Cable, 2GA, 480", 3/8" Lugs, Black	KET05701A	1
3.4	Cable, 2GA; 480", 3/8" Lugs, Red	KET06314A	1
3.5	Hex Head Cap Screw, 5/16-18x1"	ES3724	1
3.6	Circuit Breaker 175A, 3/8" Studs, Auto Reset	70-8114-008	1
3.7	Washer, Flat, 5/16"	EK3217	1
3.8	Nut, Nylock, 5/16-18	EM 710	1
3.9	Nut, Nylock, 1/4-20 Zinc	EM 722	1
3.10	Hex Head Cap Screw, 1/4-20x1.0", Gr.5, Zinc	ES3443	1
4	Single & Dual Pole Kit w/Nose Box, Trailer	70-1115-103	1
4.1	Nosebox, Single & Dual Pole Socket	70-8015-020	1
4.2	Cable, 2GA, 18", 3/8" Lugs, Red	KET05919A	1
4.3	Cable, 2GA, 480", 3/8" Lugs, Black	KET05701A	1
4.4	Cable, 2GA; 480", 3/8" Lugs, Red	KET06314A	1
4.5	Hex Head Cap Screw, Tapping, 5/16-18x1.25"	ES3733	1
4.6	Circuit Breaker 175A, 3/8" Studs, Auto Reset	70-8114-008	1
4.7	Nut, Nylock 1/4-20 Zinc	EM 722	1
4.8	Hex Head Cap Screw, 1/4-20x1.0", Gr.5, Zinc	ES3443	1
5	Circuit Breaker 175A, 1/4" Studs, Manual Reset	70-8115-000	1
6	Circuit Breaker 175A, 1/4" Studs, Auto Reset	70-8115-001	1
7	Circuit Breaker 150A, 3/8" Studs, Manual Reset	70-8115-002	1
8	Circuit Breaker 150A, 3/8" Studs, Auto Reset	70-8115-003	1
9	Circuit Breaker 150A, 1/4" Studs, Manual Reset	70-8115-004	1
10	Circuit Breaker 150A, 1/4" Studs, Auto Reset	70-8115-005	1

Built to Deliver - Every Time**33 Controls**

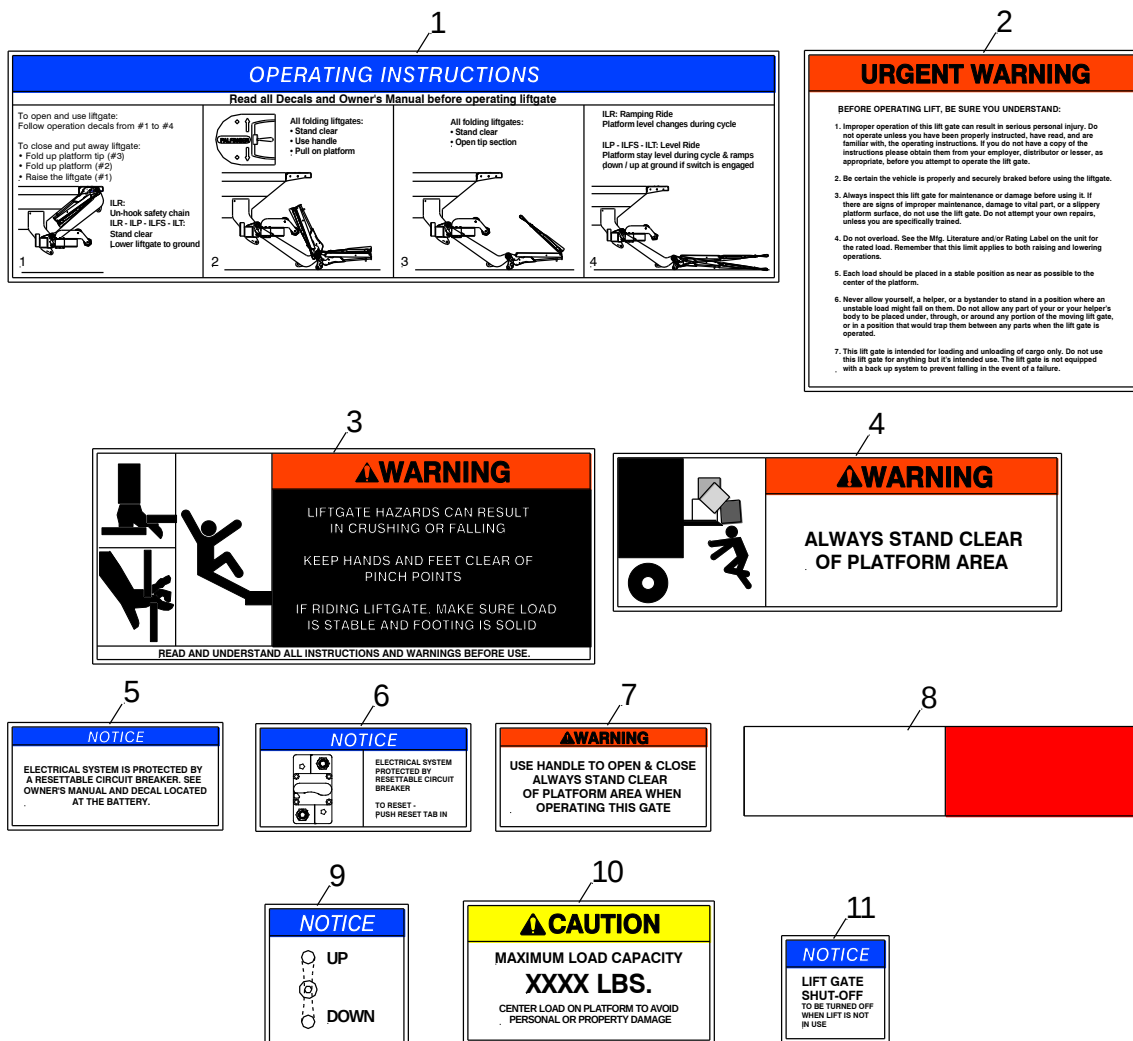
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33 - CONTROLS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Kit, 2-Button Hand Control, Hella	70-7516-100	1
1.1	Screw, #10 Sheetmetal	ES3603	2
1.2	Plug, Hella 7 Pin	70-7516-103	1
1.3	Kit 2 Button Hand Control W/Holster	72916816	1
1.4	Bracket, Hand Control	70-1310-101	1
1.5	Harness; 18ga 3-Wire	EZ7037	1
1.6	Socket, Hella 7 Pin	70-7516-102	1
1.7	Screw; Machine, 10-24x1.25"	ES3809	3
1.8	Nut, Hex; 10-24	EM 708	3
2	Kit, 2-Button Hand Control, Plug & Socket	70-7516-009	1
2.1	Socket; Trailer: 4 Prong	70-8016-004	1
2.2	Harness; 18ga, 3-Wire	EZ7037	1
2.3	Plug; Trailer 4 Prong	70-8016-003	1
2.4	Kit 2 Button Hand Control W/Holster	72916816	1
2.5	Screw, #10 Sheetmetal	ES3603	1
3	Kit, 2-Button Hand Control W/Holster	72916816	1
3.1	Hand Control, 2 Button	70-1116-001	1
3.2	Hand Control, Holster	70-1116-002	1
4	Kit, Shutoff Switch, Cab, Truck	70-0312-100	1
4.1	Bracket, Cab Shut-Off Switch	70-1012-001	1
4.2	Switch, Rocker, Cab Shutoff	70-1012-002	1
4.3	Harness, 3-Wire, 46ft [14 Meters]	2025982	1
4.4	Sheet Metal Screw, #8x1/2"; Hex Washer; Zinc	ES3748	2
4.5	Decal	ATG-CAB	1
4.6	Jumper Wire, Ground	70-0312-002	1
5	Kit, Shutoff Switch, Trailer	70-8015-008	1
5.1	Toggle Switch w/ Harness	70-8015-009	1
5.2	Faceplate	70-8114-000	1
5.3	Screw Drilling, 12-14x0.75"	ES3674	4
6	Kit, Toggle Switch, Up/Down, Primary	2004565	1
6.1	Toggle Switch	2004565	1
6.2	Mounting Screws, Type F #10-24x1" Phillips Zinc	ES3725	2
7	Kit, Toggle Switch, Up/Down, Secondary, Optional	70-8016-050	1
7.1	Spacer, 0.5" OD, 0.192" ID	99-8813-067	2
7.2	Toggle Switch	2004565	1
7.3	Washer, Flat #10, Zinc	EK3219	2
7.4	Nut, Nylock 10-24 Gr.5 Zinc	EM-697	2
7.5	Button Head Cap Screw, 10-24 X 2", Zinc	ES3471	2
8	Kit, Wireless Remote, 2-Way Operation	70-8015-006	1
8.1	Wireless Remote & Receiver	2037293	1
8.2	Bracket, Receiver Mount	70-1115-001	1
8.3	Lanyard	60-7515-010	1
8.4	Pan Head Screw, Machine, #10-32 X 5/8"	ES3469	4
8.5	Nut, Nylock, #10-32	EM 702	4
9	Harness, Release Valve	6725198	1
10	Harness, Power Down	70-1011-100	1
11	Harness, Solenoid Valve, Double, Spade and Ring Terminals, 2850mm (112") L	2028281	2

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Decals



34 - DECALS			
NO.	DESCRIPTION	PART NO.	QTY.
1	Operational Instruction	ATG-ILR-ILFS	1
2	Urgent Warning Decal	ATG-URGWA	1
3	Warning- Liftgate Hazards	ATG-WLH	2
4	Warning- Stand Clear	ATG-PLAT	2
5	Electrical System	ATG-RESET	1
6	Circuit Breaker, Blue	ATG-BKR	1
7	Warning, Use Handle To Open	ATG-WNG	1
8	Conspicuity Tape, 2"X82" (Roll)	85-1114-003	1
9	Up/Down MBB OS# 1282134	ATG-UD	1
10	Liftgate Capacity	ATG-XXXX*	2
11	Liftgate Shut Off	ATG-CAB	1

*XXXX = LIFTGATE CAPACITY (LBS) [EXAMPLE PART NUMBER: ATG- 3000]

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