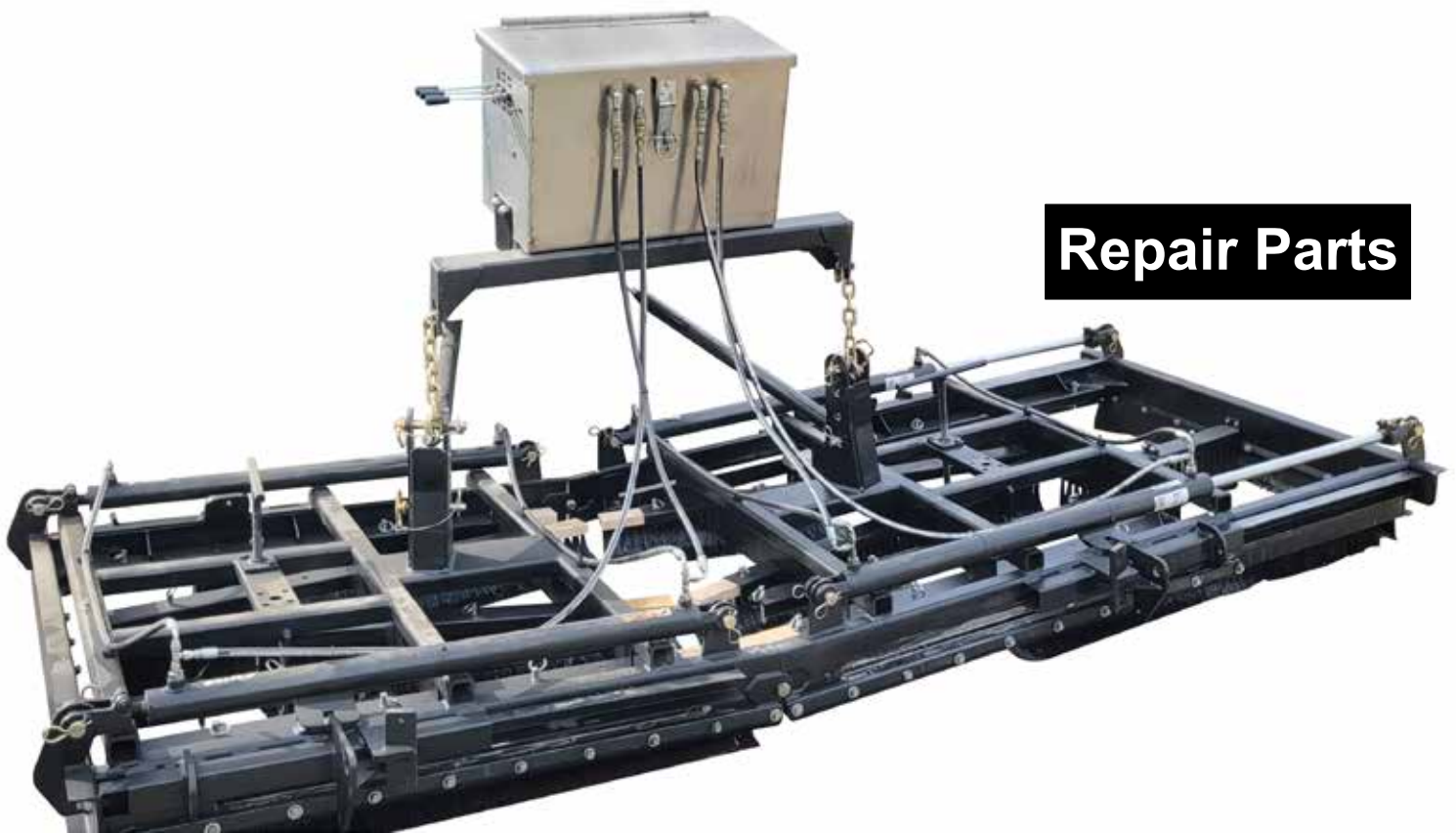




M-167-23

Broom Box



Repair Parts

BearCat 3650 Sabin Brown Rd, Wickenburg, Arizona 85390

Phone: 916-826-1007

www.bearcatmfg.com

PARTS/SERVICE: 888-897-0575

CustomerService@bearcatmfg.com

M-167-23

ETNYRE Broom Box

HOW TO ORDER PARTS

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Serial numbers of units to which parts apply. 4) Complete part numbers and descriptions. 5) Any special instructions.

Specify unit serial number when ordering parts!

PARTS WARRANTY

E. D. Etnyre & Co. warrants to the original Purchaser, its replacement parts to be free from defects in material and workmanship for a period of twelve (12) months after date of delivery to original Purchaser.

The following are exceptions to this policy:

- (1) All new electronic components are warranted for a period of 60 days. This is subject to vendor approval.**
- (2) Remanufactured electronic components are warranted for a period of 30 days.**
- (3) Remanufactured hydraulic components are warranted for a period of 60 days.**
- (4) All non-Etnyre manufactured components are subject to the original warranty of the manufacturer.**
- (5) New hydraulic components are warranted for the period of time set forth by the vendor of the individual item.**

The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect. Furthermore, the Etnyre Co. will not be responsible for any labor charges, freight charges, or transportation costs incurred by the purchaser if said part were to fail.

This warranty does not apply to:

- (1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.**
- (2) Any product manufactured by E. D. Etnyre & Co. purchased or subjected to rental use.**
- (3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.**
- (4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.**

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.

The company excludes all implied warranties of merchantability and fitness for a particular purpose. There are no warranties, express or implied, which extend beyond the description of the goods contained in this contract.



E. D. ETNYRE & CO., Oregon, Illinois 61061-9778

1333 South Daysville Road Phone: 888-586-1899 Fax: 800-521-1107

www.etnyre.com CustomerService@etnyre.com

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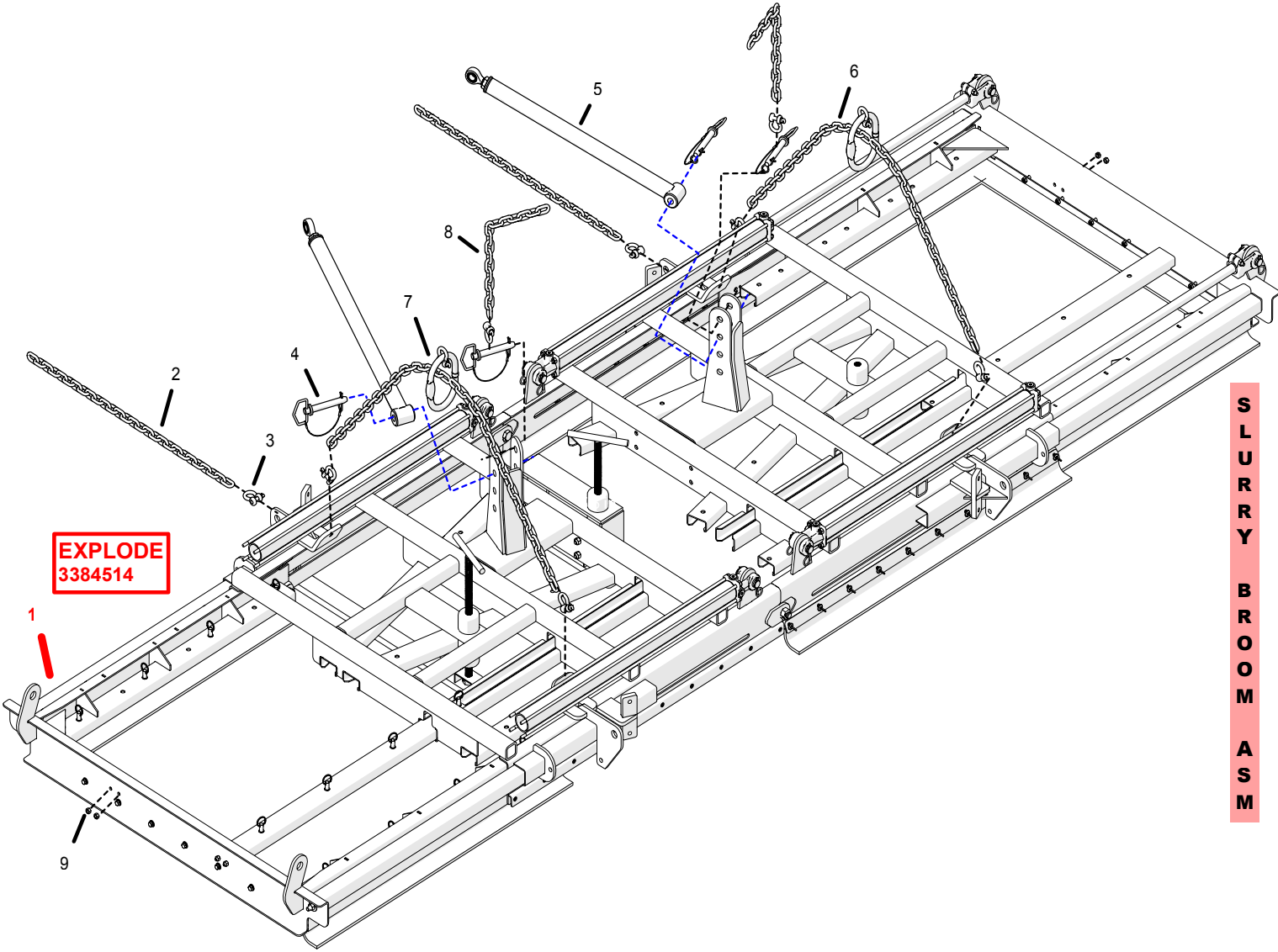
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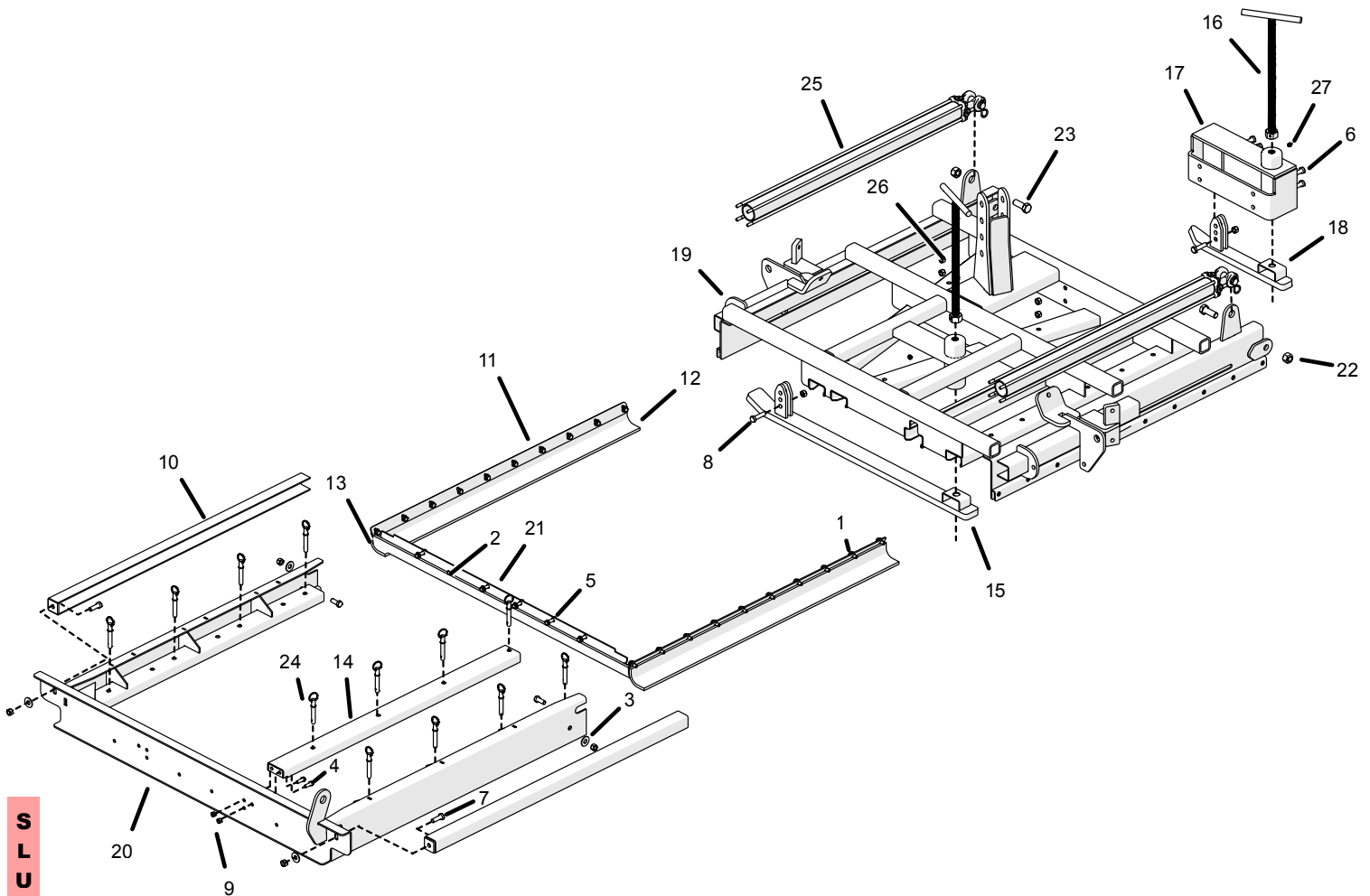
Slurry Broom Assembly
3384513



REF	PART NO.	QTY	DESCRIPTION
1	3384514	1	BROOM BOX ASM
2	3384396	2	CHAIN 3/8" GR.70(G7)16 LINKS
3	LD12057	12	ANCHOR SHACKLE W/ SCREW PIN, 3/8"
4	6003098	4	PIN,W/HANDLE,.75 X 4 1/4" LG.
5	3384525	2	LINK BAR ASM
6	3384395	2	CHAIN 3/8" GR.70(G7)16 LINKS
7	6003101	2	MASTER LINK: 100 GRADE, 11,200
8	3384397	2	CHAIN 3/8" GR.70(G7)16 LINKS
9	0120377-CR	4	NUT-HEX,0.38NC,PD

Broom Box Asm - LH

3384514

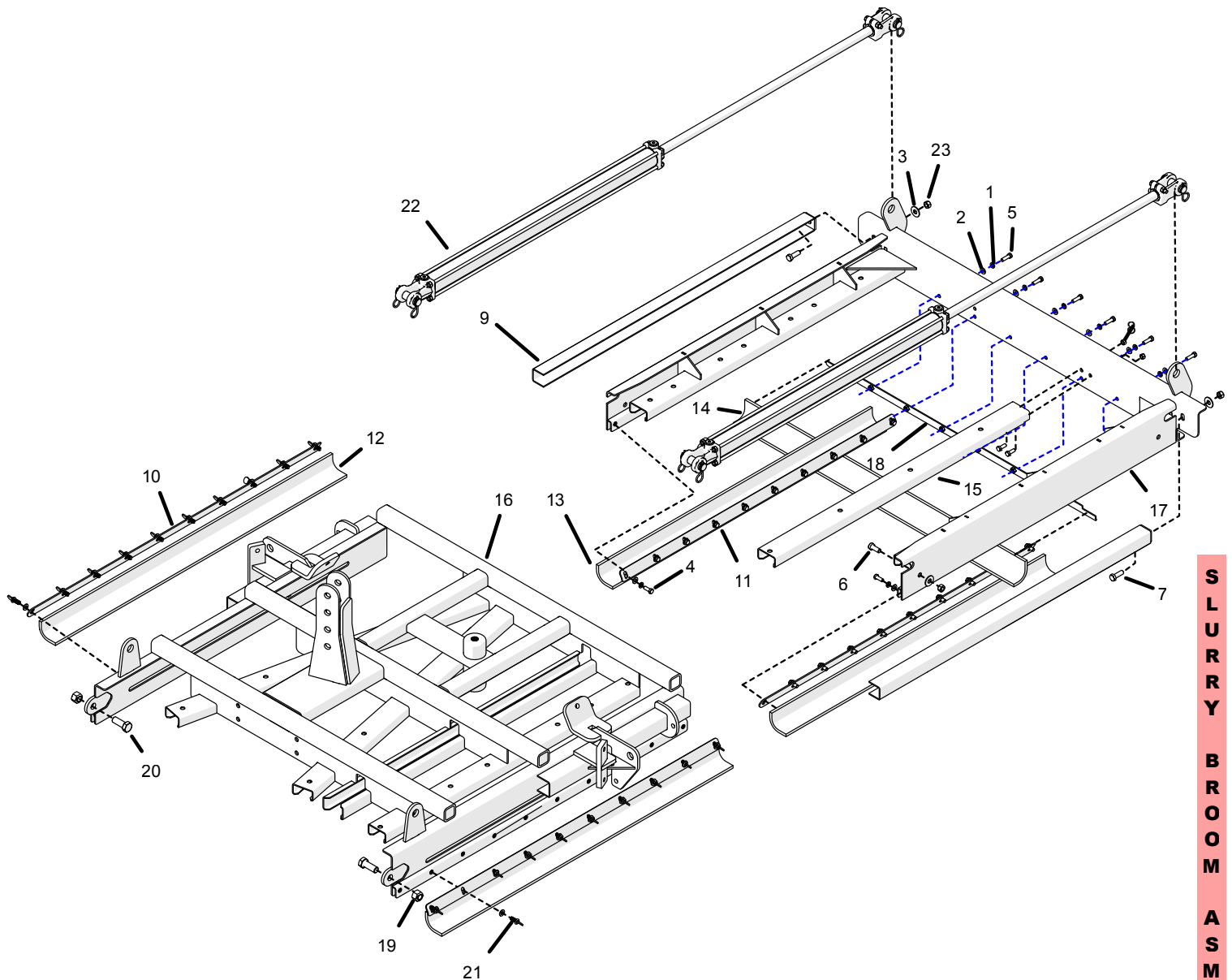


SLURRY
BROOM
ASM

REF	PART NO.	QTY	DESCRIPTION
1	0120382	26	WASHER-LOCK,0.38,SPRING,PD
2	0120388-CR	26	WASHER-FLAT,SAE,STD,0.375,PCR
3	0120390-CR	4	WASHER-FLAT,0.50A,W.PCR
4	0180122-CR	22	SCREW-HEX,0.38NCX1.00,GR5,PCR
5	0180124-CR	6	SCREW-HEX,0.38NCX1.25,GR5,PCR
6	0180175-CR	6	SCREW-HEX,0.50NCX1.25,GR5,PCR
7	0180177-CR	2	SCREW-HEX,0.50NCX1.50,GR5,PCR
8	0180181-CR	2	SCREW-HEX,0.50NCX2.00,GR5,PCR
9	0274993-CR	2	NUT-HEX,LOCK 0.375NC,PCR
10	3355556	2	SLIDE TUBE
11	3355560	2	FLASHING CLAMP
12	3355597	2	FLASHING-BROOM BOX SLIDE OUTS
13	3355598	1	FLASHING-BROOM BOX END CAPS
14	3384422	1	SLIDE, BROOM
15	3384471	1	SKI WELDMENT-REAR SCREW ADJUST
16	3384476	2	T-HANDLE, SKI ADJUSTMENT
17	3384481	1	SKI SUPPORT, CENTER, BOLT ON
18	3384485	1	SKI WELDMENT, CENTER
19	3384516	1	INNER BROOM FRAME WELDMENT
20	3384517	1	OUTER SLIDE WELDMENT
21	3384523	1	FLASHING CLAMP, END
22	6003042	2	NUT-HEX,LOCK,0.75NC,PCR
23	6003043	2	SCREW-HEX,0.75NCX2.00,GR5,PCR
24	6003055	12	PIN-QUICK RELEASE, .50DIA X 2.0
25	6605357	2	CYLINDER, 2" X 36"
26	9411727-CR	10	NUT-HEX,LOCK,0.50NC,PCR
27	Q016006	2	GREASE ZERK 1/8-27 DRYSEAL-PTF

Broom Box Asm - RH

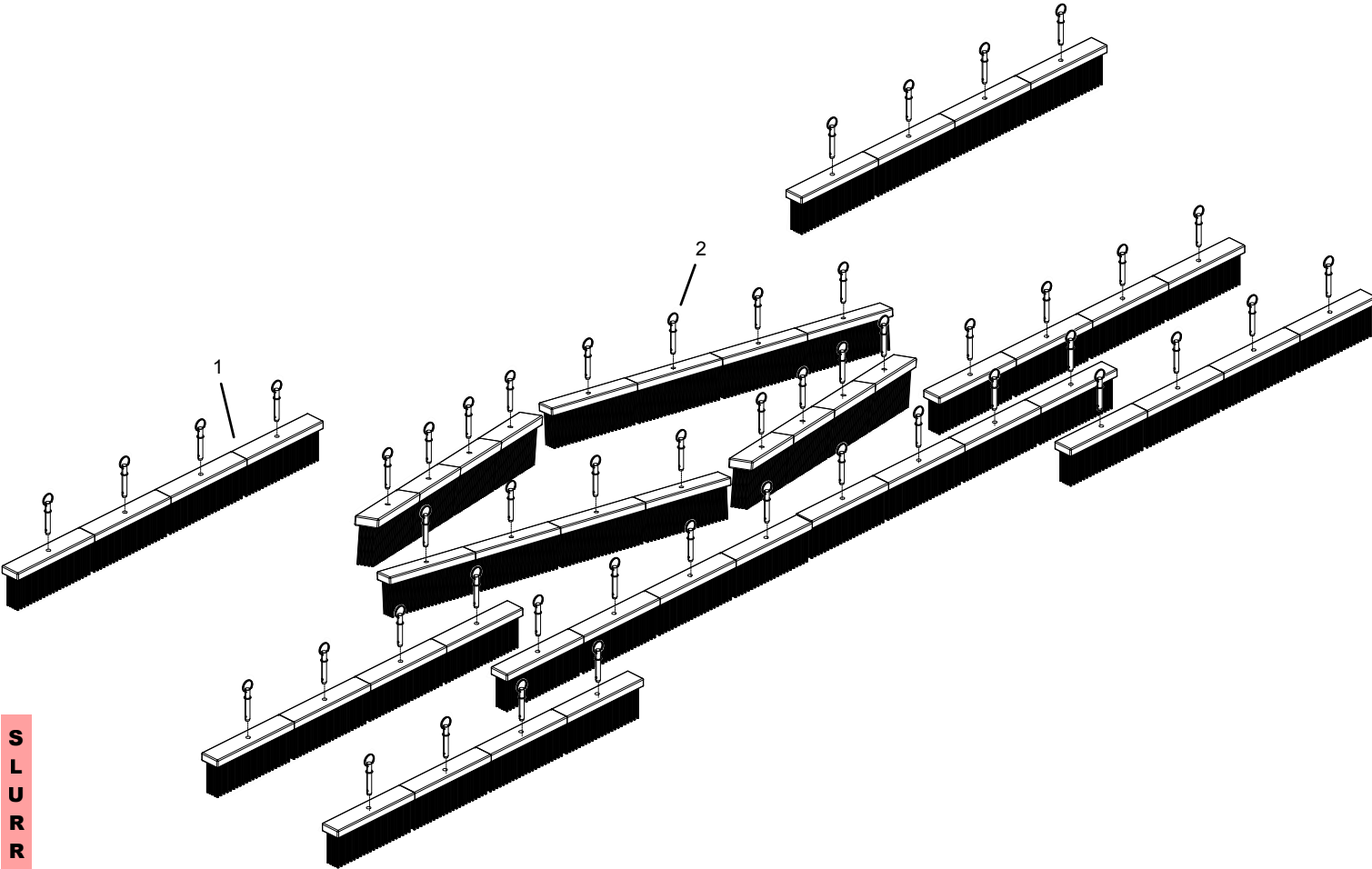
3384514



REF	PART NO.	QTY	DESCRIPTION
1	0120382	26	WASHER-LOCK,0.38,SPRING,PD
2	0120388-CR	44	WASHER-FLAT,SAE,STD,0.375,PCR
3	0120390-CR	3	WASHER-FLAT,0.50A,W.PCR
4	0180122-CR	22	SCREW-HEX,0.38NCX1.00,GR5,PCR
5	0180124-CR	6	SCREW-HEX,0.38NCX1.25,GR5,PCR
6	0180175-CR	1	SCREW-HEX,0.50NCX1.25,GR5,PCR
7	0180177-CR	2	SCREW-HEX,0.50NCX1.50,GR5,PCR
8	0274993-CR	2	NUT-HEX,LOCK 0.375NC,PCR
9	3355556	2	SLIDE TUBE
10	3355559	2	FLASHING CLAMP
11	3355560	2	FLASHING CLAMP
12	3355596	2	FLASHING-BROOM BOX FRNT & REAR

REF	PART NO.	QTY	DESCRIPTION
13	3355597	2	FLASHING-BROOM BOX SLIDE OUTS
14	3355598	1	FLASHING-BROOM BOX END CAPS
15	3384422	1	SLIDE-BROOM
16	3384515	1	INNER BROOM FRAME WELDMENT
17	3384517	1	OUTER SLIDE WELDMENT
18	3384523	1	FLASHING CLAMP, END
19	6003042	2	NUT-HEX,LOCK,0.75NC,PCR
20	6003043	2	SCREW-HEX,0.75NCX2.00,GR5,PCR
21	6003126	20	SCREW,THUMB, .38 X 1
22	6605357	2	CYLINDER, 2" X 36"
23	9411727-CR	3	NUT-HEX,LOCK,0.50NC,PCR

Brooms & Pins
3384514



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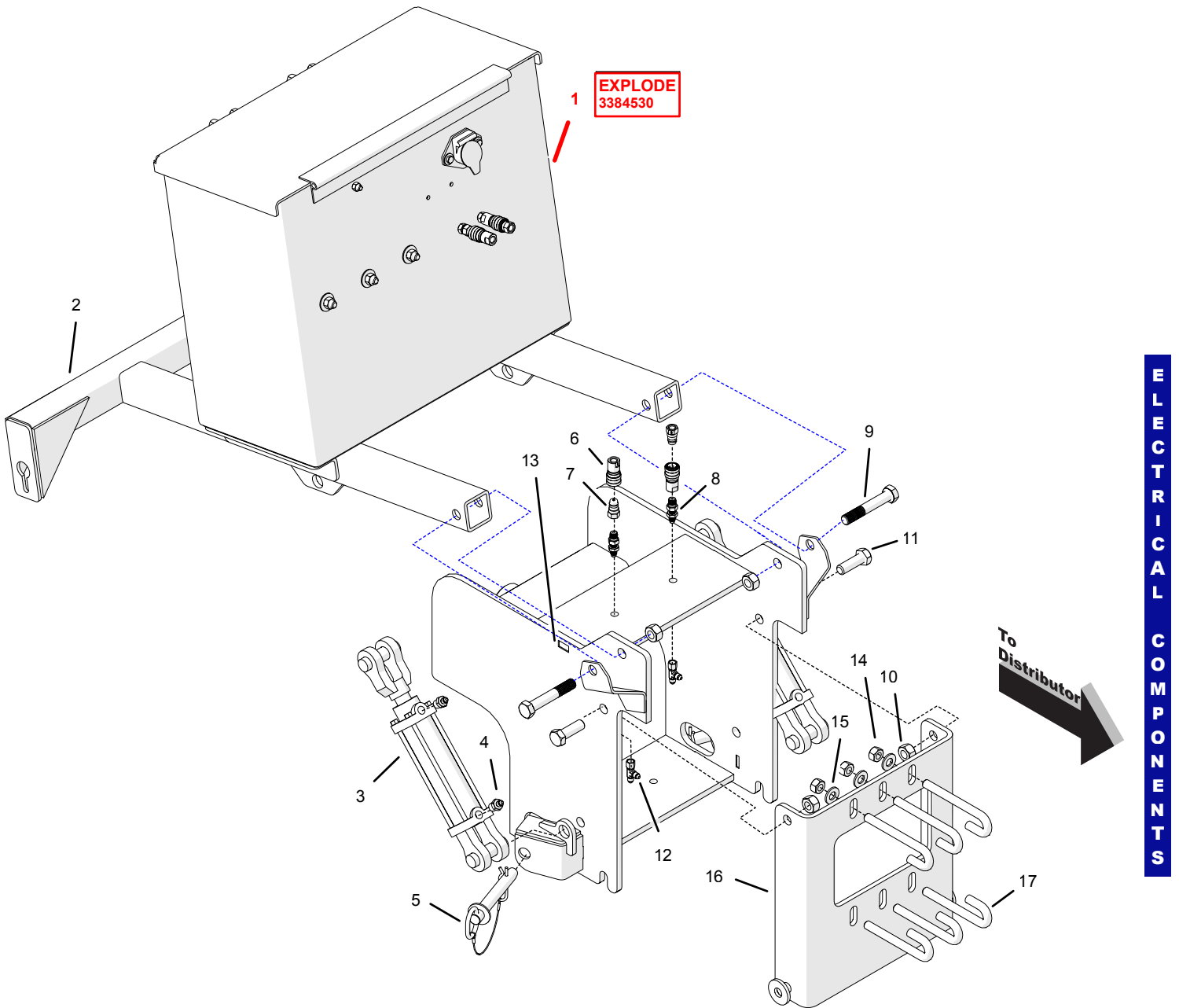
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REF	PART NO.	QTY	DESCRIPTION
1	6003133-01	48	BROOM-BLACK BRISTLE
1	6003133-02	48	BROOM-BLUE BRISTLE
1	6003133-03	48	BROOM-WHITE BRISTLE
2	6003055	48	PIN-QUICK RELEASE,.50DIA X 2.0

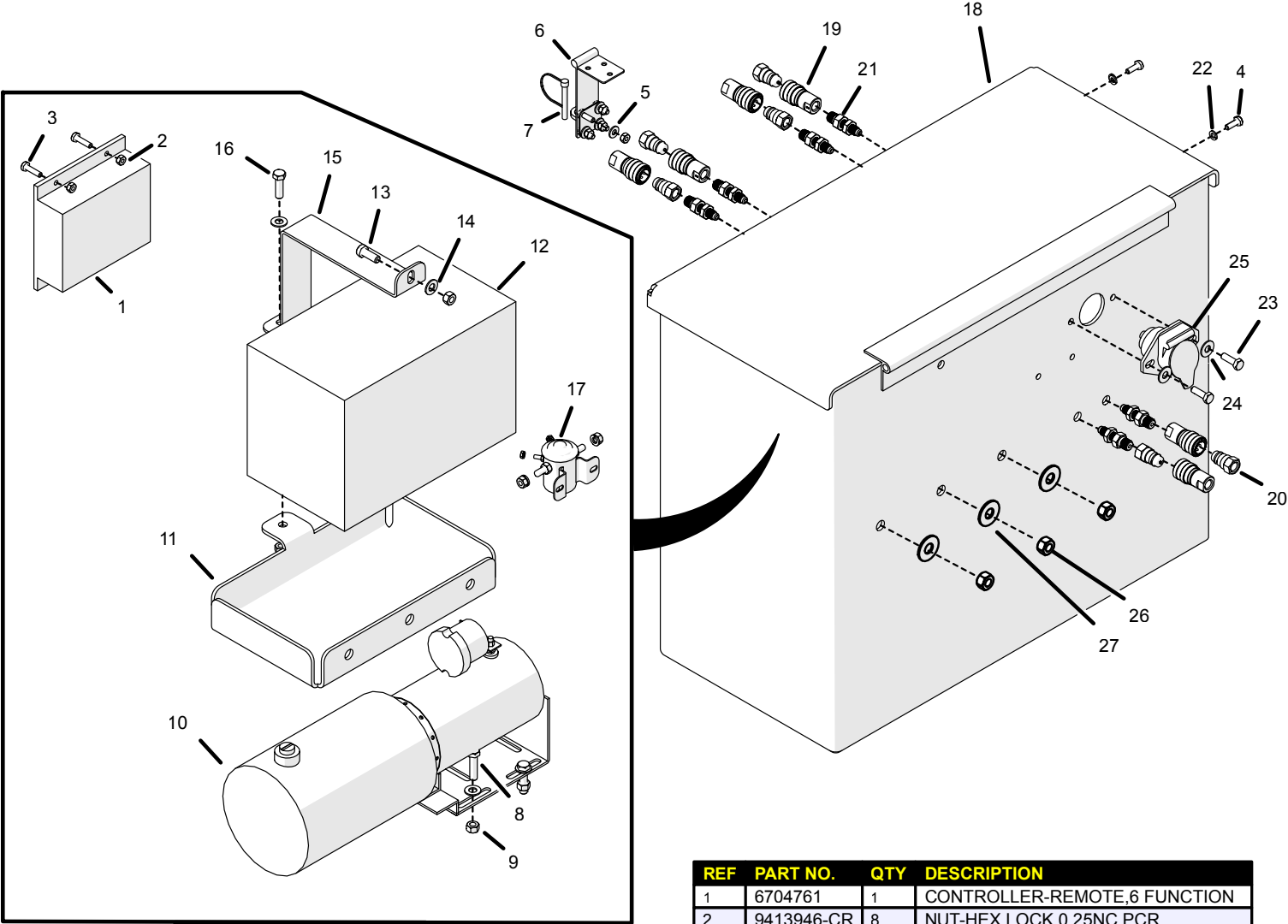
Distributor Mount

3384527



REF	PART NO.	QTY	DESCRIPTION
1	3384530	1	BOX. HYD. PUMP ASSEMBLY
2	3384529	1	LIFT ARM MECHANISM
3	6601781	2	CYLINDER-HYD,2.0X6.0
4	6602751	4	ADAPTER-HYDR,ST,06MP-04MJ
5	6003099	2	PIN,W/HANDLE,.875 X 4 1/2" LG.
6	Q402813	2	BODY ASM-FEMALE QUICK COUPLER
7	Q402978	2	NOSE ASM-MALE QUICK COUPLER
8	6605361	2	BULKHEAD FITTING-04MP-04MJ
9	0271781	2	PRODUCT_DESCRIPTION
10	9414000	4	NUT-HEX,LOCK,0.75NC,GRC,PD
11	6001115	2	SCREW-HEX,0.75NCX2.25,GR8,PD
12	6602140	2	TEE-HYDR,04MJ-04FJX-04MJ
13	3384528	1	HITCH ATTACHMENT, BROOM BOX
14	9413948	6	NUT-HEX,LOCK,0.62NC,EA,GRA,PD
15	9422850	6	WASHER-FLAT,0.62A(0.65X1.31)HN
16	3384531	1	PIN, LOWER ATTACHMENT
17	3360726	6	BOLT-HOOK BIT,FRAME TRUCK 3/4

Hyd. Pump Assembly Box
3384530

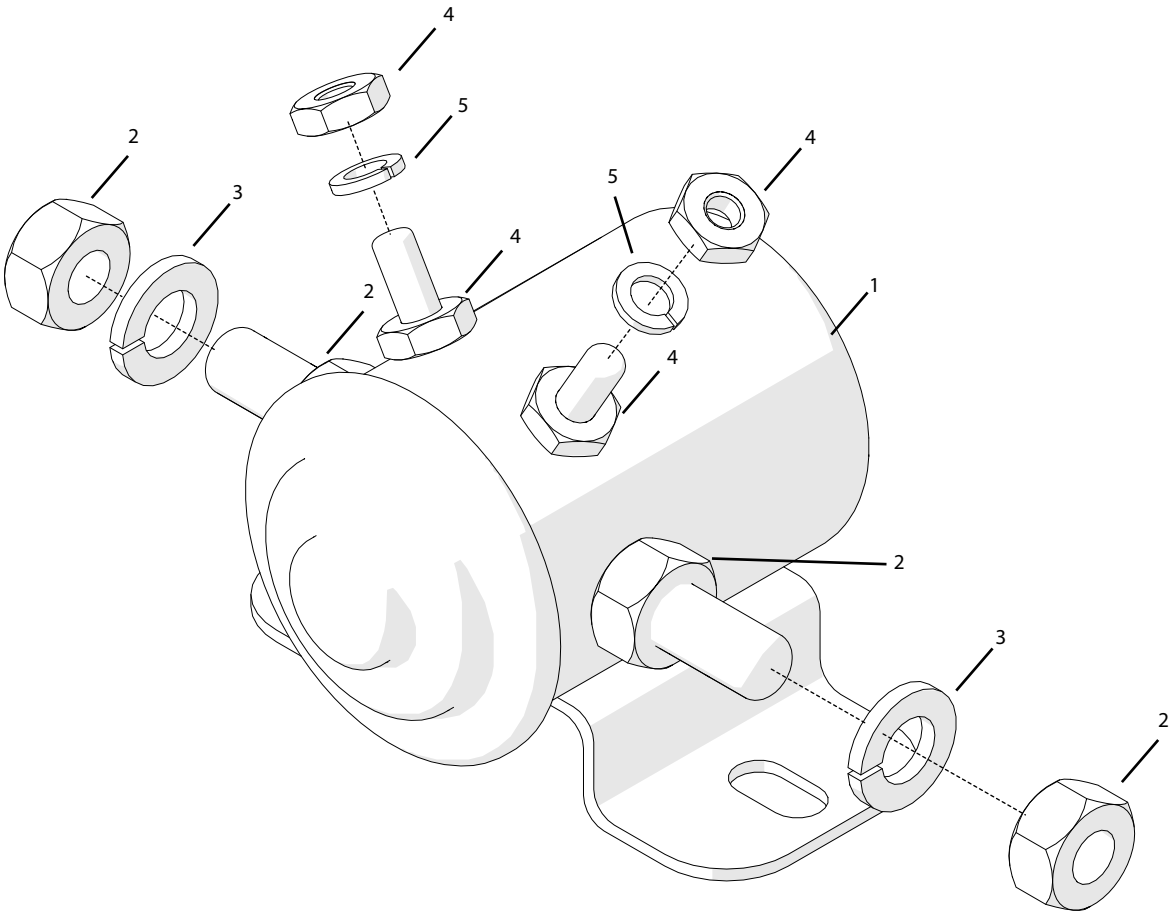


Housed within 3384535

ELECTRICAL COMPONENTS

REF	PART NO.	QTY	DESCRIPTION
1	6704761	1	CONTROLLER-REMOTE,6 FUNCTION
2	9413946-CR	8	NUT-HEX,LOCK,0.25NC,PCR
3	0180022-CR	4	SCREW-HEX,0.25NCX1.00,GR5,PCR
4	0180020-CR	8	SCREW-HEX,0.25NCX0.75,GR5,PCR
5	0120386-CR	4	WASHER-FLAT,0.25A(0.31X0.73)PCR
6	6000308	1	HASP-SAFETY,M.THIEL#364
7	q515453	1	PIN-SAFETY SNAP,1/4 X 1 3/4
8	0180126-CR	4	SCREW-HEX,0.38NCX1.50,GR5,PCR
9	0274993-CR	6	NUT-HEX,LOCK 0.375NC,PCR
10	Q524666	1	POWER UNIT,ELECTRO-HYDRAULIC
11	3384540	1	HOLDER, BATTERY BASE
12	6704856	1	BATTERY-12V,DEEP CYCLE
13	0180122-CR	1	SCREW-HEX,0.38NCX1.00,GR5,PCR
14	0120388-CR	6	WASHER-FLAT,SAE,STD,0.375,PCR
15	3384542	1	HOLD DOWN, BATTERY
16	0180124-CR	1	SCREW-HEX,0.38NCX1.25,GR5,PCR
17	6704363	1	RELAY-STARTER,12V,200A,CONT
18	3384535	1	BOX, HYD. PUMP CARRIER
19	Q402813	6	BODY ASM-FEMALE QUICK COUPLER
20	Q402978	6	NOSE ASM-MALE QUICK COUPLER
21	6605361	6	BULKHEAD FITTING-04MP-04MJ
22	0120380-CR	4	WASHER-LOCK,0.25,SPRING,PCR
23	0180079-CR	2	SCREW-HEX,0.31NCX1.00,GR5,PCR
24	0446363-CR	2	WASHER-FLAT,0.31A(0.38X0.88)PCR
25	Q402185	1	PLUG, 7-POLE
26	9411727-CR	3	NUT-HEX,LOCK,0.50NC,PCR
27	0120390-CR	3	WASHER-FLAT,0.50A,W.PCR

Starter Relay
6704363

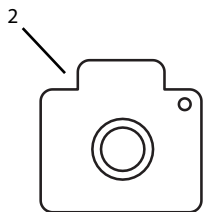
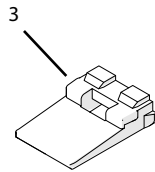
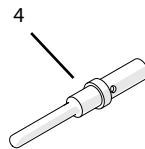
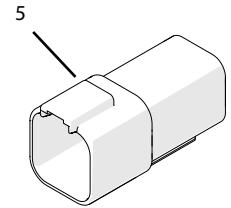
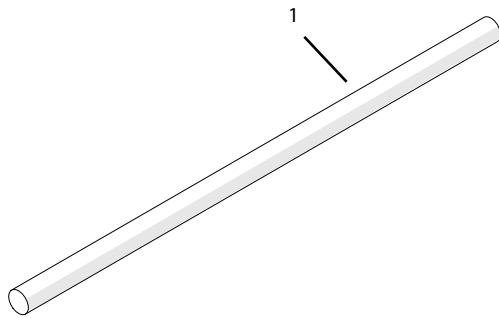


ELECTRICAL COMPONENTS

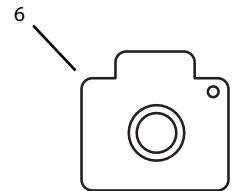
REF	PART NO.	QTY	DESCRIPTION
1	*****	1	COLE HERSEE SOLENOID
2	01202376	4	NUT-HEX, 0.313NC
3	0120214	2	WASHER-LOCK, SPRING, 0.31
4	*****	4	MSHXNUT 0.190-32-D-C
5	0120217	2	WASHER-LOCK, SPRING, #10

Electrical Components

ELECTRICAL COMPONENTS



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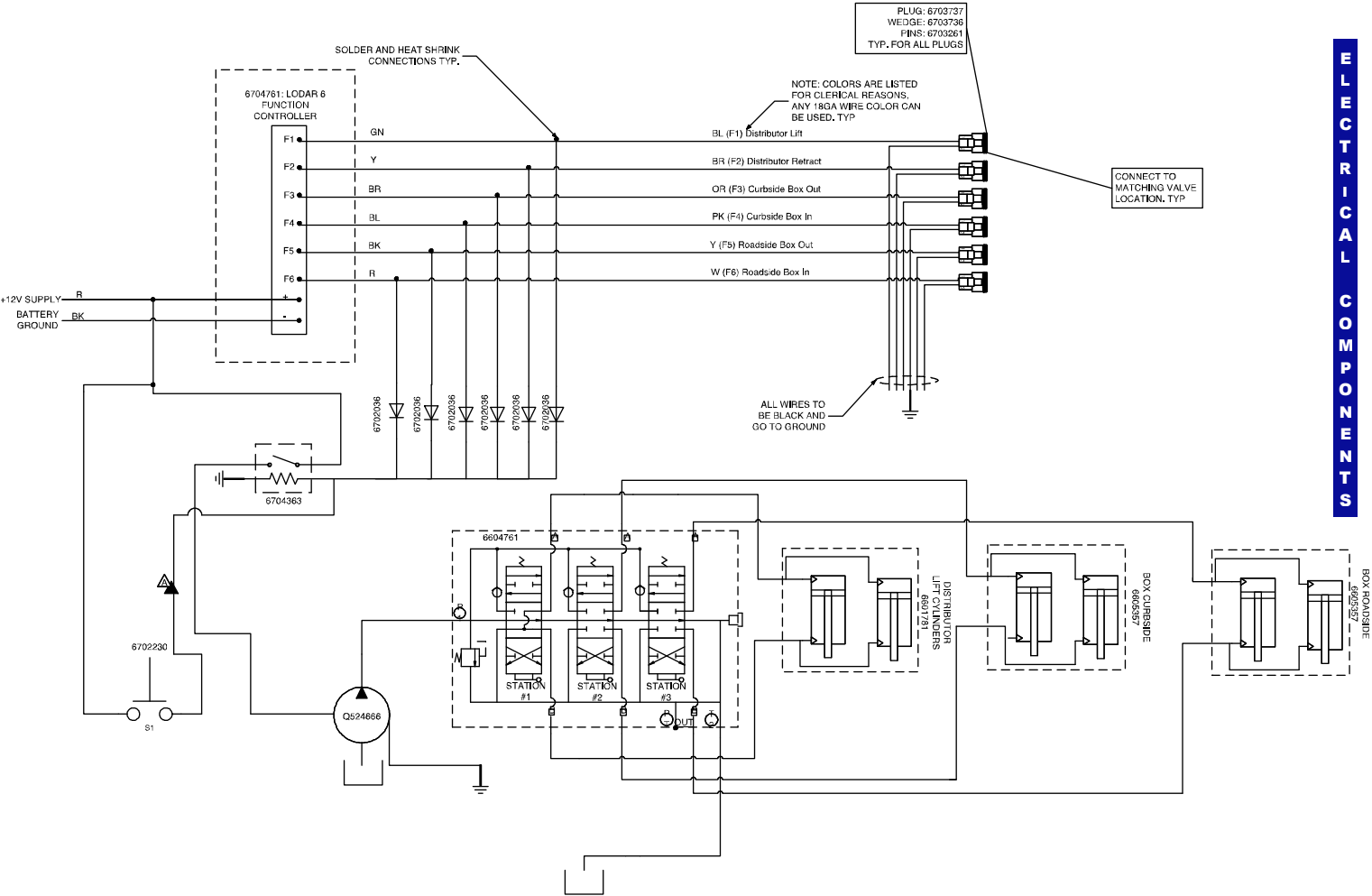


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REF	PART NO.	QTY	DESCRIPTION
1	6702504	2	CABLE-7 WAY,BERKSHIRE #81012
2	3384565	1	TRUCK TO BOX EXTENSION
3	6704197	1	WEDGE-LOCK, 6PIN, DT SERIES
4	6703789	6	PIN-PIN,#16,16-18AWG,NICKEL
5	6704196	1	RECEPTACLE-6 PIN, GRAY
6	6700825	2	CABLE-7-18 CONTROL FLUSHER

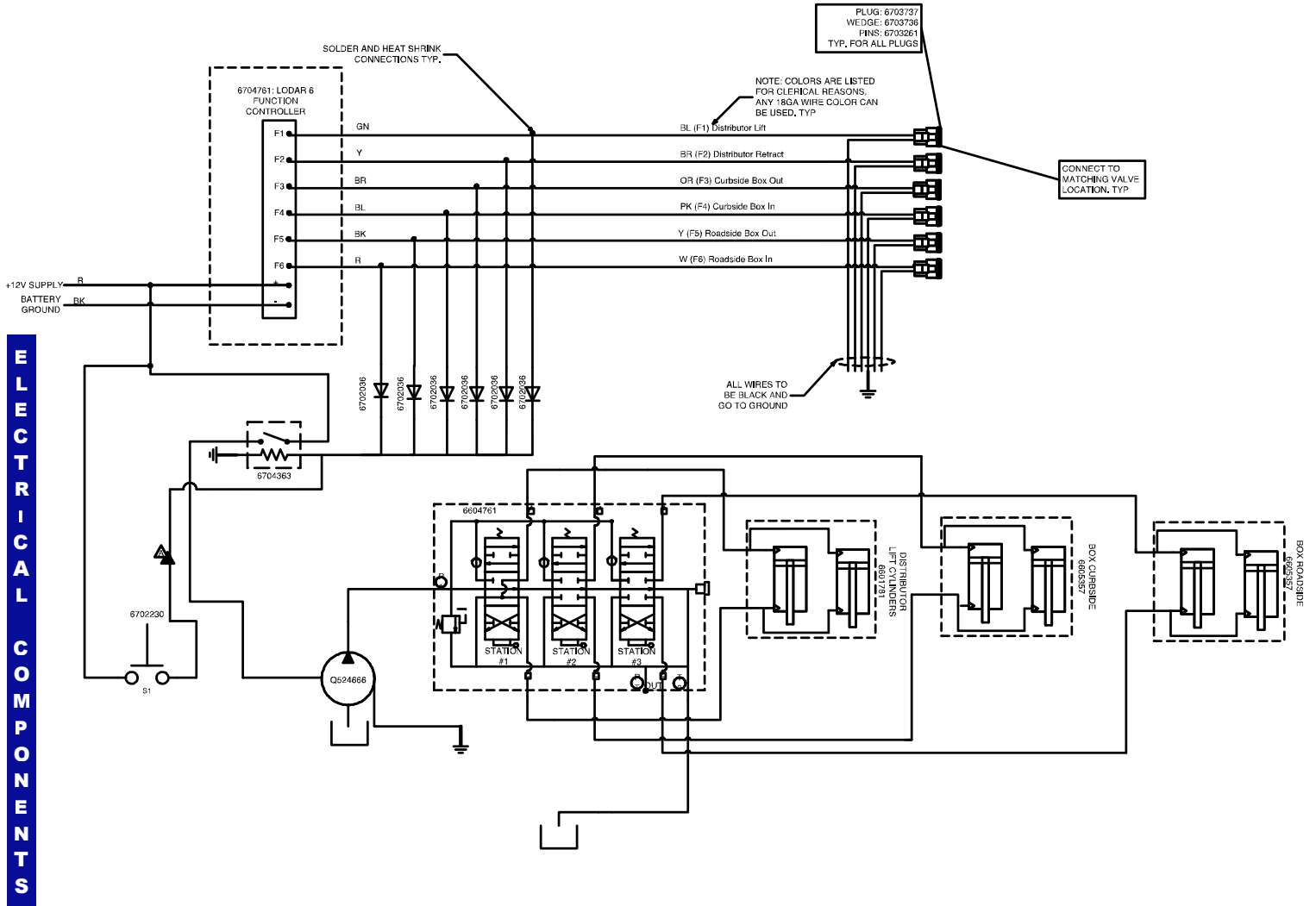
Hydraulic Wiring Diagram

9307835



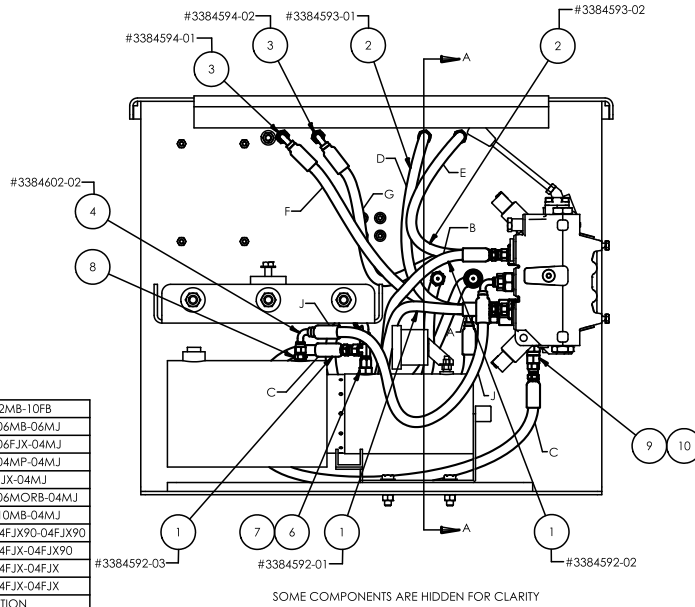
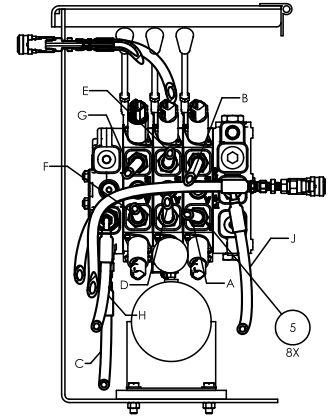
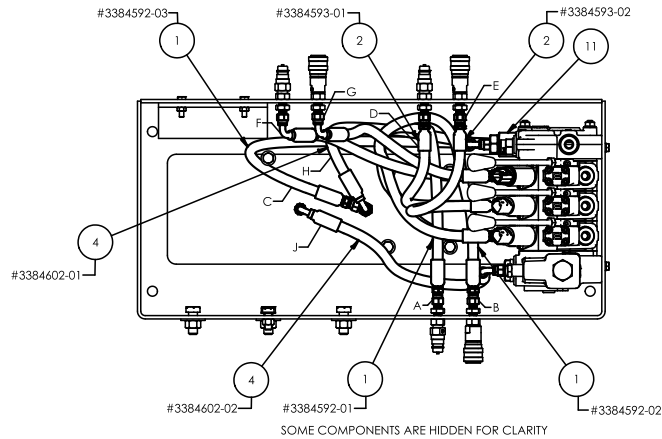
Valve Wiring Harness

6705435



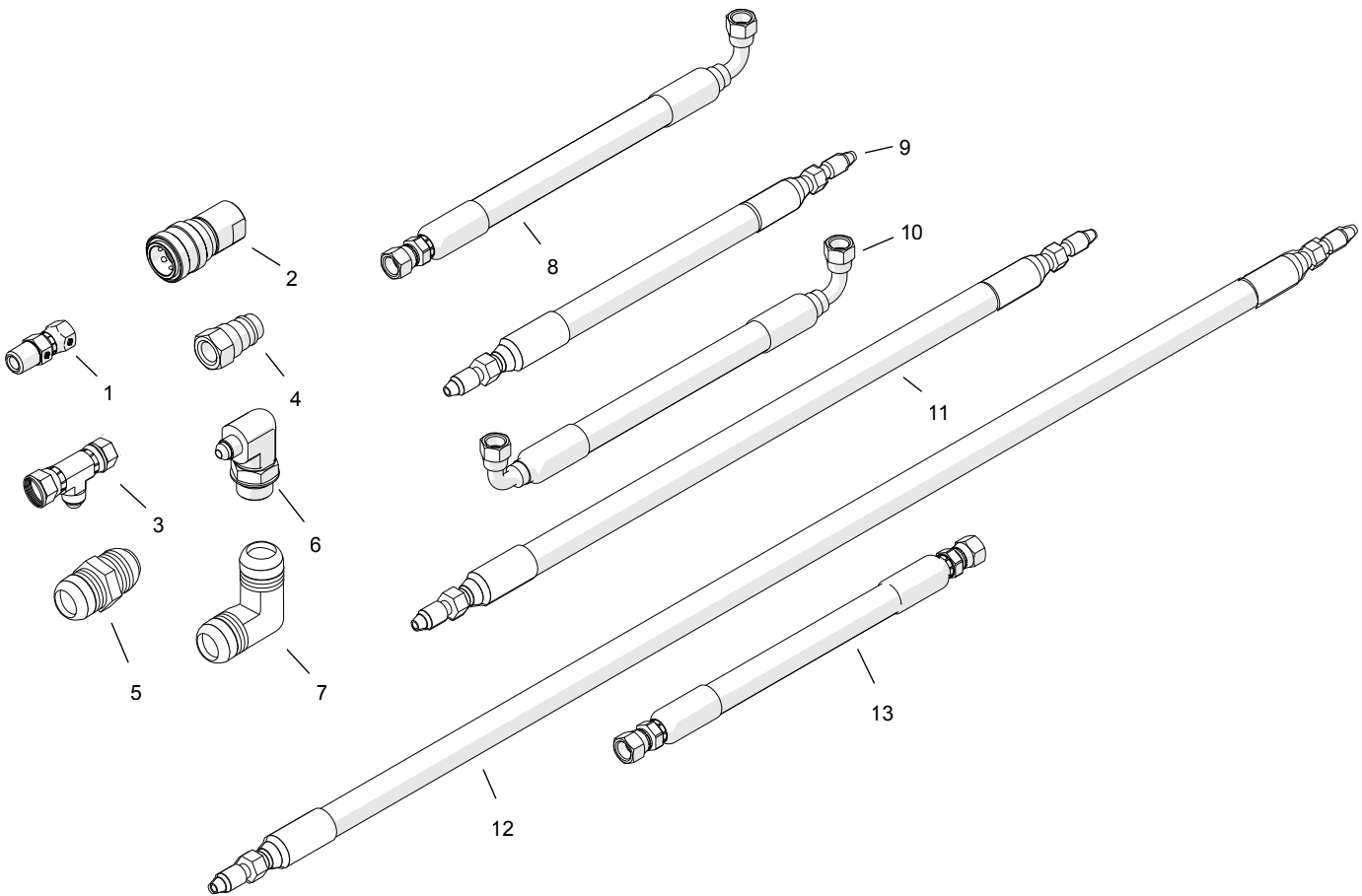
Alum. Box Hydraulics Install

9307849



REF.	QTY.	PART NO.	DESCRIPTION
11	1	6604975	ADAPT-HYDRA,ST,12MB-10FB
10	1	9410202	ADAPTER-HYDR,ST,06MB-06MJ
9	1	6602707	ADAPTER-HYDR,ST,06FJX-04MJ
8	1	6601381	ADAPTER-HYDR,ST,04MP-04MJ
7	1	6602140	TEE-HYDR,04MJ,04FJX-04MJ
6	1	3384603	ADAPTER-HYDR,ST,06MORB-04MJ
5	8	6602860	ADAPTER-HYDR,ST,10MB-04MJ
4	2	3384602	HOSE ASM-04X21,04FJX90-04FJX90
3	2	3384594	HOSE ASM-04X18,04FJX-04FJX90
2	2	3384593	HOSE ASM-04X18,04FJX-04FJX
1	3	3384592	HOSE ASM-04X31,04FJX-04FJX

Main Box Hydraulic Kit
3384599



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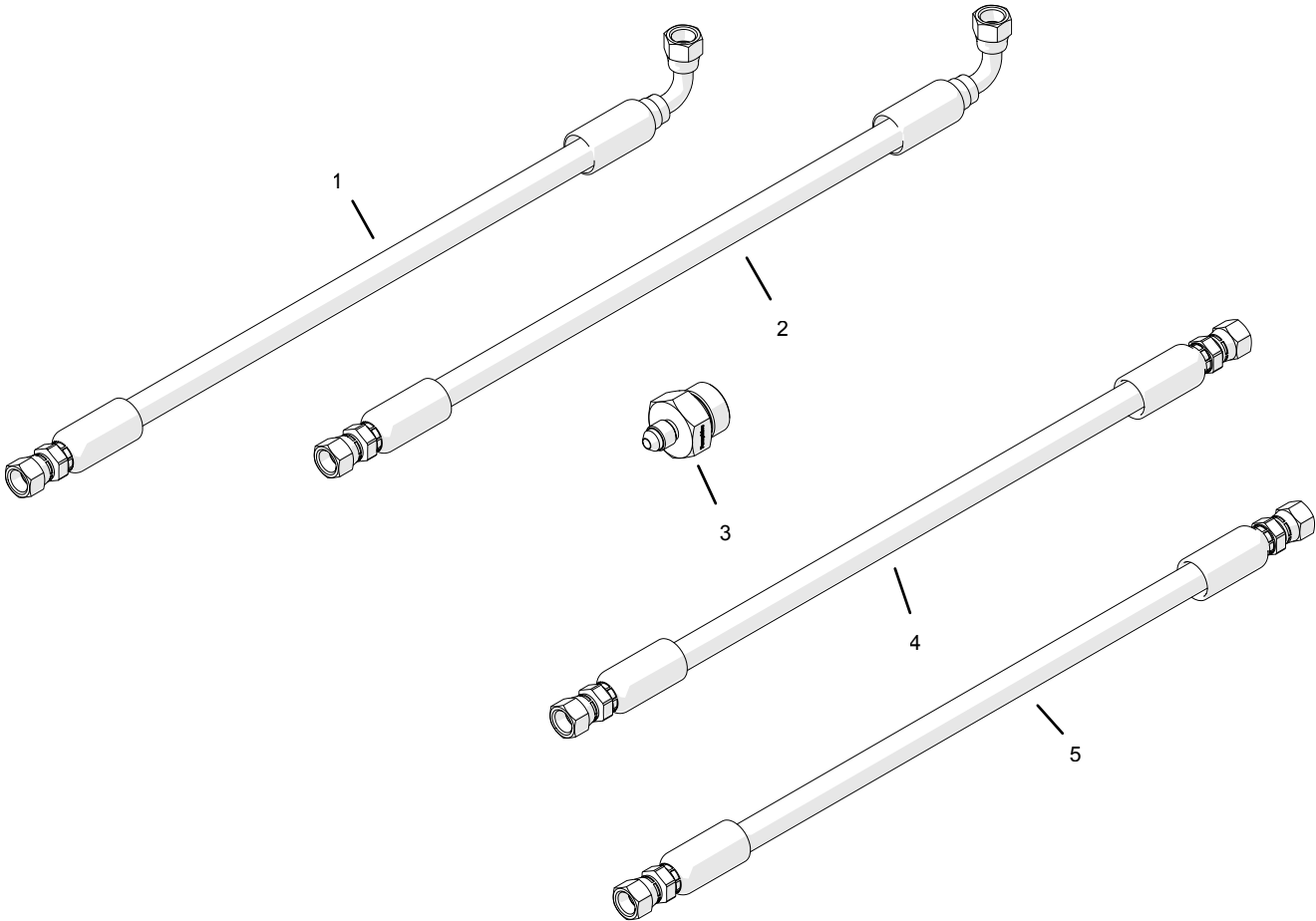
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REF	PART NO.	QTY	DESCRIPTION
1	6605487	2	ADAPTER-HYDR,STR,04FJX-04MP
2	Q402813	8	BODY ASM-FEMALE QUICK COUPLER
3	3384581	4	TEE-HYDR,04FJX-04FJX-04MP
4	Q402978	8	NOSE ASM-MALE QUICK COUPLER
5	3384583	2	ADAPTER-HYDR,ST,04MJ-04MJ
6	6604343	8	ELBOW-HYDR,90,08MB-04MJ
7	3384582	2	ELBOW-HYDR,90,04MJ-04MJ
8	3384585	2	HOSE-HYD,FLEX,SST,BRAID,1/4,45
9	3384587	2	HOSE-HYD,FLEX,SST,BRAID,1/4,23
10	3384586	2	HOSE-HYD,FLEX,SST,BRAID,1/4,48
11	3384589	2	HOSE-HYD,FLEX,SST,BRAID,1/4,75
12	3384591	2	HOSE-HYD,FLX,SST,BRAID,1/4,107
13	3384588	4	HOSE-HYD,FLEX,SST,BRAID,1/4,50

Alum. Box Hydraulic Kit

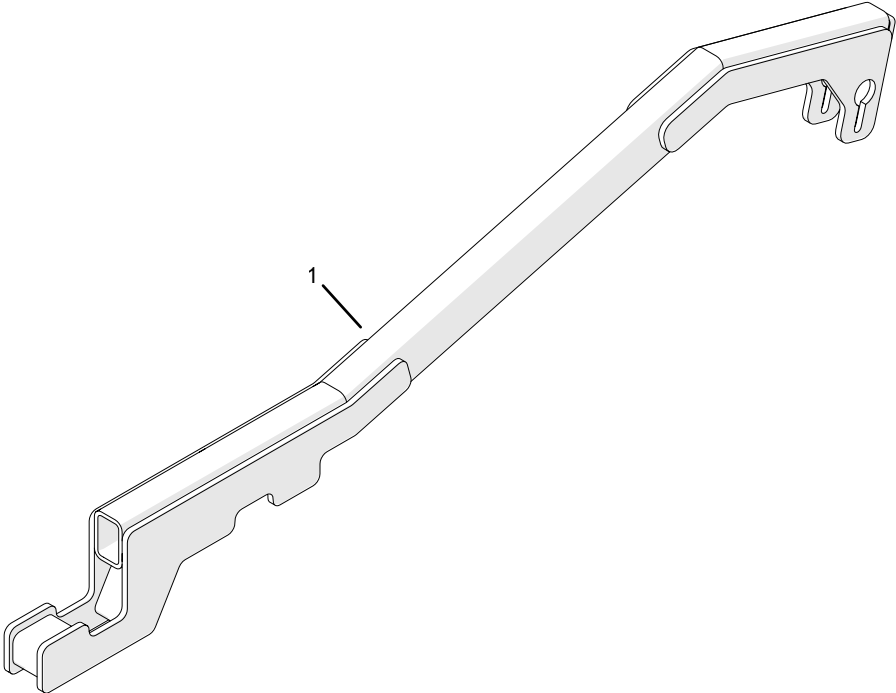
3384600

HYDRAULIC KIT



REF	PART NO.	QTY	DESCRIPTION
1	3384638	2	HOSE ASM-04X21,04FJX-04FJX90
2	3384594	2	HOSE ASM-04X18,04FJX-04FJX90
3	6602860	8	ADAPTER-HYDR,ST,10MB-04MJ
4	3384593	2	HOSE ASM-04X18,04FJX-04FJX
5	3384592	2	HOSE ASM-04X31,04FJX-04FJX

Lift Arm Attachment
3384546



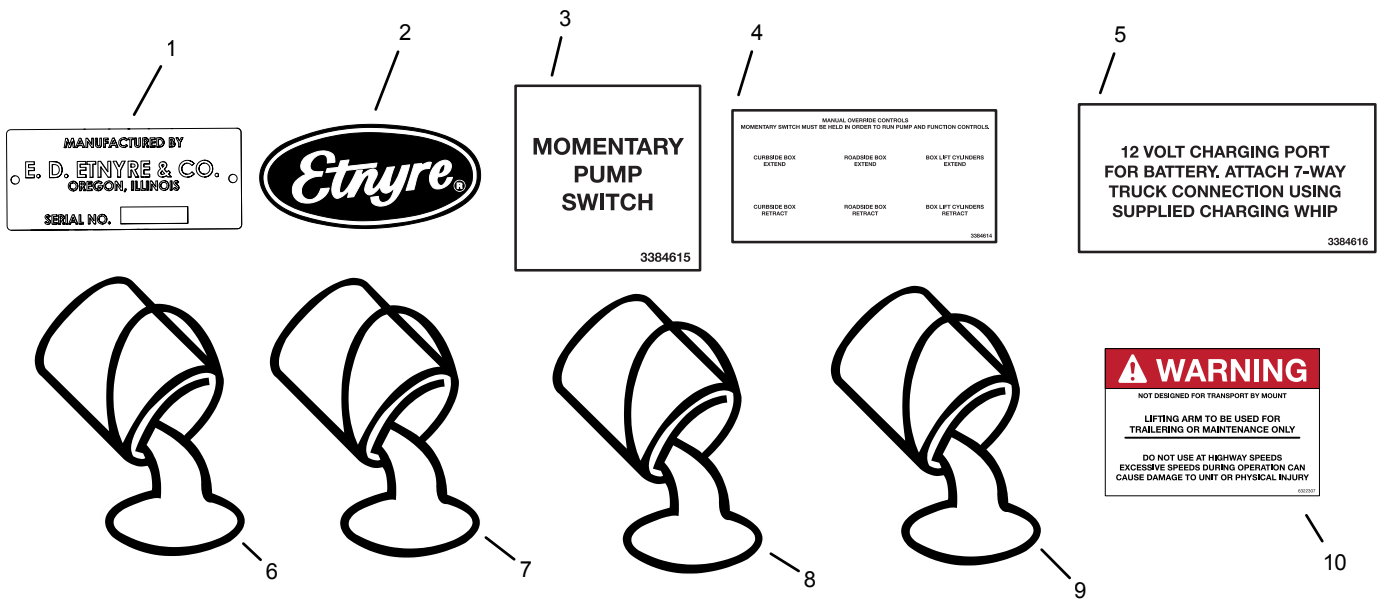
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REF	PART NO.	QTY	DESCRIPTION
1	3384546	1	LIFT ARM, BROOM BOX

Broom Box Decal Group

3384613



REF	PART NO.	QTY	DESCRIPTION
1	3360182	AR	PLATE-NAME, CURB PAVER
2	Q513361	AR	DECAL:ETNYRE LOGO
3	3384615	AR	DECAL,MOMENTARY SWITCH
4	3384614	AR	DECAL,MANUAL VALVE OPERATION
5	3384616	AR	DECAL,CHARGING BROOM BOX
6	6322180	AR	PAINT-WHITE COMPNT EPOXY PRIMR

REF	PART NO.	QTY	DESCRIPTION
7	6320591	AR	PAINT-EPOXY CATALYST
8	6322004	AR	PAINT,CATALYST(PPG GXH1086)
9	6322079	AR	PAINT-BLACK GLOSS H.S.URA
10	6322307	AR	DECAL-WARNING,SPEED OPERATION