

REPAIR PARTS MANUAL

"WILDCAT"

BATTERY POWERED AERIAL WORK PLATFORM

MODEL SL-15

NOTES:

Always give the serial number and model number of your "Wildcat" when ordering parts.

This information is found on the placard on the front of the base frame.

Be sure or order all parts by their part number, and if possible specify routing of shipment.

All correspondence relative to this unit, such as field reports, discrepancy reports, requests for service information, etc., should be directed to:

Snorkel-Economy
A Figgie International Company
P O BOX 4065
ST JOSEPH MO 64504-0065

Attention Service Manager



A FIGGIE INTERNATIONAL COMPANY

ST. JOSEPH, MISSOURI

LIMITED WARRANTY

Snorkel-Economy, a Figgie International Company warrants each new machine manufactured and sold by it to be free from defects in material and workmanship for a period of one (1) year from date of delivery to a Customer or for one year after the machine has been placed in first service in a Dealer rental fleet, whichever comes first. Any part or parts which, upon examination by the Snorkel-Economy Service Department, are found to be defective, will be replaced or repaired, at the sole discretion of Snorkel-Economy, through its local Authorized Dealer at no charge.

Snorkel-Economy further warrants the structural components; specifically, the mainframe chassis, turntable, booms and scissor arms, of each new machine manufactured by it to be free from defects in material and workmanship for an additional period of four (4) years. Any such part or parts which, upon examination by the Snorkel-Economy Service Department, are found to be defective will be replaced or repaired by Snorkel-Economy through its local Authorized Dealer at no charge; however, any labor charges incurred as a result of such replacement or repair will be the responsibility of the Customer or Dealer.

The Snorkel-Economy Service Department must be notified within forty-eight (48) hours of any possible warranty situation during the applicable warranty period. Personnel performing warranty repair or replacement must obtain specific approval by Snorkel-Economy Service Department prior to performing any warranty repair or replacement.

Customer and Dealer shall not be entitled to the benefits of this warranty and Snorkel-Economy shall have no obligations hereunder unless the "Pre-Delivery and Inspection Report" has been properly completed and returned to the Snorkel-Economy Service Department within ten (10) days after delivery of the Snorkel-Economy product to Customer or Dealer's rental fleet. Snorkel-Economy must be notified, in writing, within ten (10) days, of any machine sold to a Customer from a Dealer's rental fleet during the warranty period.

At the direction of the Snorkel-Economy Service Department, any component part(s) of Snorkel-Economy products to be replaced or repaired under this warranty program must be returned freight prepaid to the Snorkel-Economy Service Department for inspection. All warranty replacement parts will be shipped freight collect from the Snorkel-Economy Service Department or from Snorkel-Economy's Vendor to Dealer or Customer.

REPLACEMENT PARTS WARRANTY

Any replacement or service part made or sold by Snorkel-Economy is not subject to the preceding Limited Warranty beyond the normal warranty period of the machine upon which the part was installed.

THIS WARRANTY EXCLUDES AND SNORKEL-ECONOMY DOES NOT WARRANT:

1. Engines, motors, tires and batteries which are manufactured by suppliers to Snorkel-Economy, who furnish their own warranty. Snorkel-Economy will, however, to the extent permitted, pass through any such warranty protection to the Customer or Dealer.
2. Any Snorkel-Economy product which has been modified or altered outside Snorkel-Economy's factory without Snorkel-Economy's written approval, if such modification or alteration, in the sole judgment of Snorkel-Economy's Engineering and/or Service Departments, adversely affects the stability, reliability or service life of the Snorkel-Economy product or any component thereof.
3. Any Snorkel-Economy product which has been subject to misuse, improper maintenance or accident. "Misuse" includes but is not limited to operation beyond the factory-rated load capacity and speeds. "Improper maintenance" includes but is not limited to failure to follow the recommendations contained in the Snorkel-Economy Operation, Maintenance, Repair Parts Manuals. Snorkel-Economy is not responsible for normal maintenance, service adjustments and replacements, including but not limited to hydraulic fluid, filters and lubrication.
4. Normal wear of any Snorkel-Economy component part(s). Normal wear of component parts may vary with the type application or type of environment in which the machine may be used; such as, but not limited to sandblasting applications.
5. Any Snorkel-Economy product that has come in direct contact with any chemical or abrasive material.
6. Incidental or consequential expenses, losses, or damages related to any part or equipment failure, including but not limited to freight cost to transport the machine to a repair facility, downtime of the machine, lost time for workers, lost orders, lost rental revenue, lost profits or increased cost.

This warranty is expressly in lieu of all other warranties, representations or liabilities of Snorkel-Economy, either expressed or implied, unless otherwise amended in writing by Snorkel-Economy's President, Vice President-Engineering, Vice President-Sales or Vice President-Marketing.

SNORKEL-ECONOMY MAKES NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THIS LIMITED WARRANTY. SNORKEL-ECONOMY MAKES NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND DISCLAIMS ALL LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO INJURY TO PERSONS OR PROPERTY.

The Customer shall make all warranty claims through its local Authorized Dealer and should contact the Dealer from whom the Snorkel-Economy product was purchased for warranty service. Or, if unable to contact the Dealer, contact the Snorkel-Economy Service Department for further assistance.

REPAIR PARTS MANUAL ORGANIZATION

The Repair Parts Manual consists of two sections, separated by index tab dividers with the Index of the contents for each section immediately following the divider.

Sub-assemblies and detailed parts are identified by index numbers on the illustrations that correspond to the item numbers on the parts listing. When requesting any part, always specify complete part number, description, model and serial number of your unit.

The following is a general description of each section and its contents.

Repair Parts and Illustrations:

Repair Parts (Section 1), contains parts listings and illustrations for general mechanical repair parts of all major installations and sub-assemblies of the unit.

Some of the items are optional installations and may not be included on your unit.

Electrical & Hydraulic Schematics:

Schematics (Section 2), contains parts listings and illustrations of hydraulic components installation and hydraulic schematics and pictorials.

Electrical wiring schematics are also included in this section.

DISASSEMBLY AND REASSEMBLY PROCEDURES

The illustrations located in Repair Parts Manual, are designed for use as a guide for disassembly of the "Wildcat" SL-15 and components as well as for parts replacement. Always refer to the hydraulic system installation drawings and the electrical wiring diagram before removing or disassembling associated parts.

DO NOT attempt to disconnect or remove any hydraulic line before reading and understanding all text concerning the system hydraulics. In most cases, disassembly of the "Wildcat" SL-15 will be obvious from the illustration.

When disassembling or reassembling components, complete the procedural steps in sequence. **DO NOT** partially disassemble or assemble one part, then start on another. Always check your work to assure that nothing has been overlooked.

The following list is a gentle reminder when disassembling or assembling the "Wildcat".

1. Always be conscious of weight.
2. Never attempt to lift heavy objects without the aid of a mechanical device.
3. **DO NOT** allow heavy objects to rest in an unstable condition.
4. Always make sure work platform is in stowed position - blocked or the weight removed by a suitable lifting device before disconnecting the hydraulic hose from the motor/pump unit to the lift cylinder.
5. When raising a portion of the machine, be sure that adequate blocking is properly positioned - **DO NOT** depend on lifting device to hold and secure weight.
6. If a part resists removal, check to see if all fasteners, electrical wiring, hydraulic lines, etc., have been removed or that other parts are not interfering.

Parts should be thoroughly inspected before restoring to service at the time of reassembly. Burrs, nicks or scratches may be removed from machined surfaces by honing or polishing with #600 crocus cloth, followed by a thorough cleaning in an approved cleaning solvent, and blown dry with compressed air. **DO NOT** alter the contour of any part. If this operation does not restore the part to a serviceable condition, replace the part. Replace all O-rings, seals, and gaskets at reassembly. Use new roll pins or cotter pins. Dip all packing rings and seals in hydraulic oil before reassembling in cylinder and manifold installations. Replace any part having imperfect threads. In general, units that have been disassembled can be reassembled by reversing the order of disassembly.

Remember that the service life of a machine can be increased by keeping dirt and foreign materials out of the vital components. Precautions have been taken to safeguard against this; shields, covers, seals and filters are provided to keep air and oil supplies clean; however, these items must be maintained on a scheduled basis in order to function properly.

At any time air or oil lines are disconnected, clean surrounding areas as well as the opening and fittings themselves. As soon as a line or component is disconnected, cap or cover all openings to prevent the entry of dirt or foreign materials.

New parts should remain in their container until they are ready to be used.

Clearly mark or tag hydraulic lines and electrical wiring connections when disconnecting or removing them from unit. This will assure that they are correctly reinstalled.

Proper assembly is critical to the successful rebuilding of any unit. Carefully inspect any parts which are to be reused. If in doubt, replace.

"SAFETY FIRST" is a good slogan.

Replace any guards and protective devices that have been removed to carry out maintenance and repair work.



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BASE FRAME ASSEMBLY

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
1.	301503	3/8 ID HYDRAULIC HOSE ASSEMBLY	2
2.	0020283	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
3.	0070033	PIN LOCK	2
4.	2502429	BEARING, GARMAX #GM2428-022	4
5.	2593404	BEARING, OILITE #AA634-4	8
6.	300351	BEARING .50 ID x .752 OD x .52 INCH LONG	1
7.	300368	CYLINDER ASSEMBLY, STEERING	1
8.	300394	BEARING .50 ID x .689 OD x .38 INCH LONG	8
9.	301469	LIMIT SWITCH ASSEMBLY, PLATFORM ELEVATION	1
		(SEE DRAWING IN SECTION 3 FOR REPLACEMENT PARTS)	
10.	301404	LIMIT SWITCH ASSEMBLY, POTHOLE INTERLOCK	1
		(SEE DRAWING IN SECTION 3 FOR REPLACEMENT PARTS)	
11.	300717	CARRIAGE BOLT 3/8-16 x 1 INCH LONG	6
12.	300726	TUBING, CLEAR 3/8 ID x 1/2 OD x 10 1/2 INCH LONG	1
13.	300748	TILT ALARM SENSOR ASSEMBLY	1
		(SEE DRAWING IN SECTION 3 FOR REPLACEMENT PARTS)	
14.	301219	HYDRAULIC OIL RESERVOIR	1
15.	301240	SPRING, SKID RETURN	2
16.	301263	LINK, STABILIZER	4
17.	301264	SPACER, STABILIZER	4
18.	301265	SPACER, STABILIZER	4
19.	301266	SPACER, STABILIZER	4
20.	301267	CENTER LINK, STABILIZER	2
21.	301268	LINK, STABILIZER	2
22.	301273	SHAFT, STABILIZER	1
23.	301275	BEARING, OILITE #AA618-18	8
24.	301277	SHOULDER BOLT 1/2 SHOULDER 3/8-16 THD x 1 1/4 INCH LONG	4
25.	301279	SET SCREW 5/16-18 x 1/2 LONG SKT HD DOG POINT	3
26.	301280	CARRIAGE BOLT 3/8-16 x 1 3/4 INCH LONG GRD 5	17
27.	301281	CLEVIS PIN 1/2 DIAMETER x 2 1/2 INCH LONG	4
28.	301283	ROLLER, STABILIZER	1
29.	301286	SPRING, STABILIZER SHAFT RETURN	1
30.	301287	CONNECTOR LINK, STEERING	1
31.	301288	SPINDLE WELDMENT, RIGHT HAND	1
32.	301291	SPINDLE WELDMENT, LEFT HAND	1
33.	301294	THRUST WASHER, OILITE #TT-2402	2
34.	301295	SHOULDER BOLT 3/4 SHOULDER 5/8-11 THD x 3/4 INCH LONG	2
35.	301298	BASE FRAME WELDMENT	1
36.	301302	SPACER, STEERING SPINDLE	2
37.			
38.	301341	BRACKET, BRAKE CYLINDER	2
39.	301351	BRACKET WELDMENT, STABILIZER RETURN	1
40.	301508	BRACKET, STABILIZER SPRING	1
41.	301359	3/8 OD HYDRAULIC TUBE ASSEMBLY	1
42.	301360	3/8 OD HYDRAULIC TUBE ASSEMBLY	2
43.	301400	STABILIZER, SKID WELDMENT - RIGHT HAND	1
44.	301401	STABILIZER, SKID WELDMENT - LEFT HAND	1
45.	301402	BEARING, FLANGED .75 ID x .93 OD x .56 LONG	4
46.	301403	SHOULDER BOLT 1/2 SHOULDER 3/8-16 THD x 1/2 INCH LONG	4
47.	301405	BRAKE PIN ASSEMBLY, RIGHT HAND	1
48.	301407	SLIDER, STABILIZER ADJUSTMENT	4
49.	301408	LINK, STABILIZER	4
50.	301409	LINK, STABILIZER	2

BASE FRAME ASSEMBLY

ITEM	PART NO	DESCRIPTION	REQ
51.	301424	1/2 OD HYDRAULIC TUBE ASSEMBLY	1
52.	301427	BRAKE PIN ASSEMBLY, LEFT HAND	1
53.	301431	LANYARD, McMASTER CAR #90312A31	2
54.	301432	HAIRPIN COTTER, McMASTER CAR	2
55.	301436	3/8 OD HYDRAULIC TUBE ASSEMBLY	2
56.	301437	COVER, BRAKE CYLINDER	1
57.	411226	BEARING 1 ID x 1 INCH LONG	4
58.	416246	PLUG, HOLLOW HEX -4	1
59.	459336	BREATHER VENT 1/8 NPT	2
60.	465276	CLEVIS PIN 1/2 OD x 1.28 GRIP	6
61.	472326	CLEVIS PIN 1/2 OD x 1.13 GRIP	2
62.	5033604	MALE ADAPTER (-4)	1
63.	5033615	MALE ADAPTER (-12/-8)	1
64.	5033704	MALE 90° ELBOW (-4)	1
65.	5034502	BULKHEAD 90° ELBOW (-6)	2
66.	5034503	BULKHEAD 90° ELBOW (-8)	1
67.	5035303	STRAIGHT THREAD 90° ELBOW (-4)	2
68.	301454	BASE FRAME COVER, FRONT	1
69.	5036105	STRAIGHT THREAD RUN TEE (-6)	1
70.	5036505	STRAIGHT THREAD BRANCH TEE (-6)	2
71.	5036803	SWIVEL NUT BRANCH TEE (-4)	1
72.	5037005	SWIVEL NUT 90° ELBOW (-6)	1
73.	301455	BASE FRAME COVER, REAR	1
74.	5064001	REDUCER (-6/-4)	1
75.	5074404	BULKHEAD LOCKNUT (-8)	1
76.	972439	CARRIAGE BOLT 3/8-16 x 1 1/4 LONG	4
77.	5093028	CLAMP, AEROQUIP #900729-28	2
78.	5550028	CLAMP, MIRO GEAR #6202	2
79.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	4
80.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	32
81.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	6
82.	5560039	SELF LOCKING NUT 1/2-13 ESNA #21NE-083	1
83.	5560137	SPEED NUT 5/16-18	8
84.	590984	CYLINDER ASSEMBLY, BRAKE	2
85.	594184	CYLINDER ASSEMBLY, CUSHION	1
86.	967909	REDUCER BUSHING (1/4 x 1/8)	2
87.	970049	CAPSCREW 1/4-20 x 1 LG HEX HD GR 5	4
88.	970229	CAPSCREW 5/16-18 x 5/8 LG HEX HD GR 5	4
89.	5560031	SELF LOCKING NUT 5/16-18 ESNA #22NE-058	8
90.	971069	CAPSCREW 1/2-13 x 2 3/4 LG HEX HD GR 5	1
91.	974709	MACHINE SCREW #10-24 x 1 LG ROUND HD	4
92.	974759	MACHINE SCREW #10-24 x 2 LG ROUND HD	2
93.	985099	NUT 1 1/4 SLOTTED HEX	2
94.	986009	WASHER #10 MEDIUM FLAT	4
95.	986019	WASHER 1/4 MEDIUM FLAT	4
96.	986029	WASHER 5/16 MEDIUM FLAT	38
97.	986059	WASHER 1/2 MEDIUM FLAT	9
98.	986119	WASHER 1 INCH FLAT ASTM-F436	2
99.	986359	WASHER - SPECIAL 1/2 ID x 7/8 OD x 14 GA THICK	12
100.	986389	WASHER - SPECIAL .765 ID x 1.38 OD x .060 THICK	6

BASE FRAME ASSEMBLY

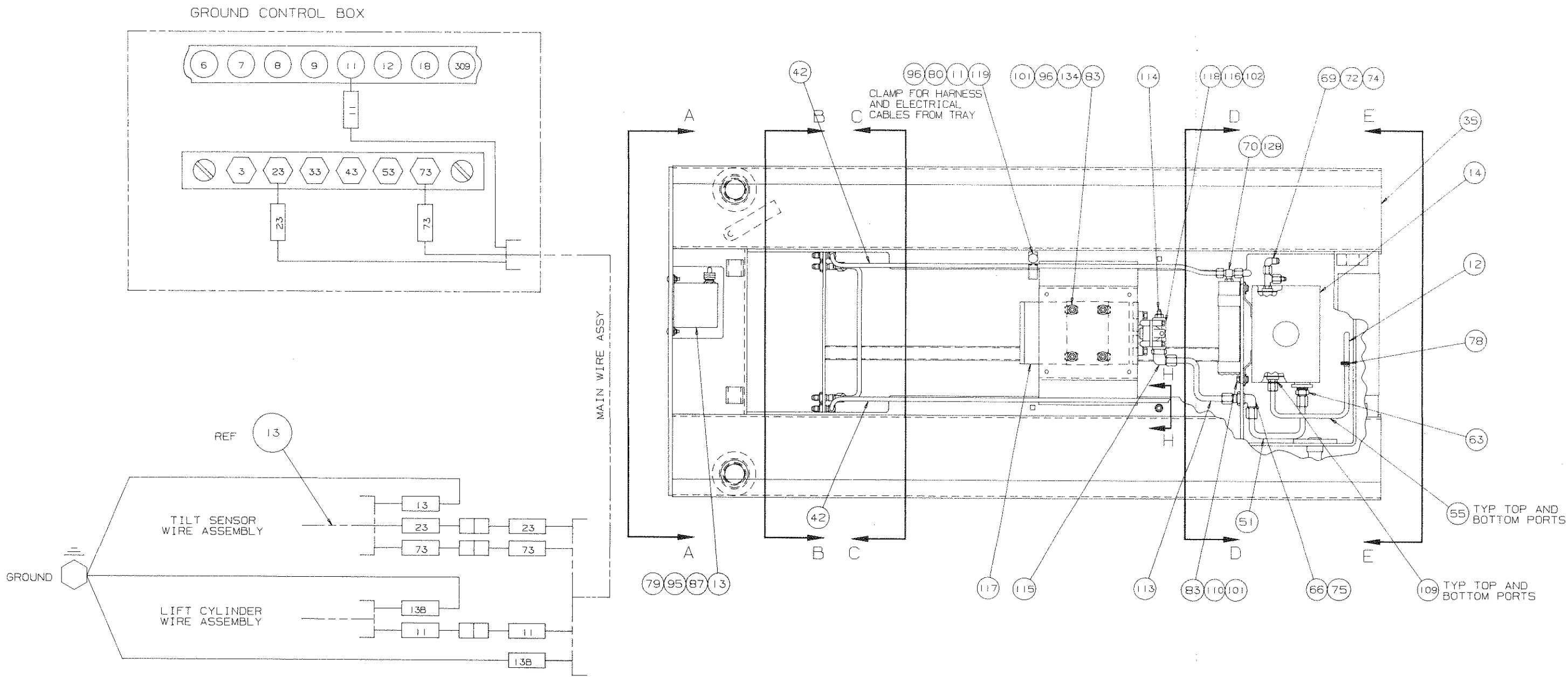
ITEM	PART NO	DESCRIPTION	REQ
101.	987109	WASHER 5/16 SPLIT LOCK	12
102.	987119	WASHER 3/8 SPLIT LOCK	2
103.	988129	COTTER PIN 5/32 DIAMETER x 1 3/4 INCH LONG	4
104.	988179	COTTER PIN 1/8 DIAMETER x 1 INCH LONG	12
105.	989739	ROLL PIN 1/4 DIAMETER x 1 INCH LONG	2
106.	5560083	HOSE GUIDE, TRIM LOCK - TOTAL 8 FOOT	1
107.	5034602	BULKHEAD 45° ELBOW (-6)	2
108.	5074403	BULKHEAD LOCKNUT (-6)	4
109.	5065707	STRAIGHT THREAD ADAPTER (-6)	6
110.	970239	CAPSCREW 5/16-18 x 3/4 LG HEX HD GRD 5	4
111.	970269	CAPSCREW 5/16-18 x 1 1/4 LG HEX HD GRD 5	4
112.	978629	CAPSCREW 1/4-20 x 1/2 LG SELF TAPPING	4
113.	301426	1/2 OD HYDRAULIC TUBE ASSEMBLY	1
114.	5065708	STRAIGHT THREAD ADAPTER (-8/-6)	1
115.	5035316	STRAIGHT THREAD 90° ELBOW (-10/-8)	1
116.	970469	CAPSCREW 3/8-16 x 1 LG HEX HD GR 5	2
117.	3080019	MOTOR, 24 VOLT D.C. - 4.18 H.P.	1
118.	6020069	HYDRAULIC PUMP	1
119.	5093027	CLAMP, AEROQUIP #900729-27	1
120.			
121.	5093030	CLAMP, AEROQUIP #900729-30	1
122.	970519	CAPSCREW 3/8-16 x 2 1/4 LG HEX HD GR 5	1
123.	301406	PIN, TRAY ADJUSTMENT	2
124.		CAPSCREW 5/8-11 x 1 1/4 LG HEX HD GR 5	2
125.	987159	WASHER 5/8 MEDIUM LOCK	2
126.	0071510	SPACER, AIR CYLINDER MOUNTING	1
127.	301502	3/8 ID HYDRAULIC HOSE ASSEMBLY	2
128.	5036905	SWIVEL NUT 45° ELBOW (-6)	1
129.	987429	WASHER 15/32 INTERNAL TOOTH SHAKE PROOF LOCK	1
130.	984109	NUT 3/8-16 FULL HEX	3
131.	5093004	CLAMP, AEROQUIP #900729-04	2
132.	5093008	CLAMP, AEROQUIP #900729-08	1
133.	970489	CAPSCREW 3/8-16 x 1 1/2 LG HEX HD GR 5	2
134.	970369	CAPSCREW 5/16-18 x 1 LG HEX HD GR 5	4
135.	301510	SPACER	12
136.	301509	SHIM	8

STANDARD HYDRAULIC PACKAGE COMPONENTS:

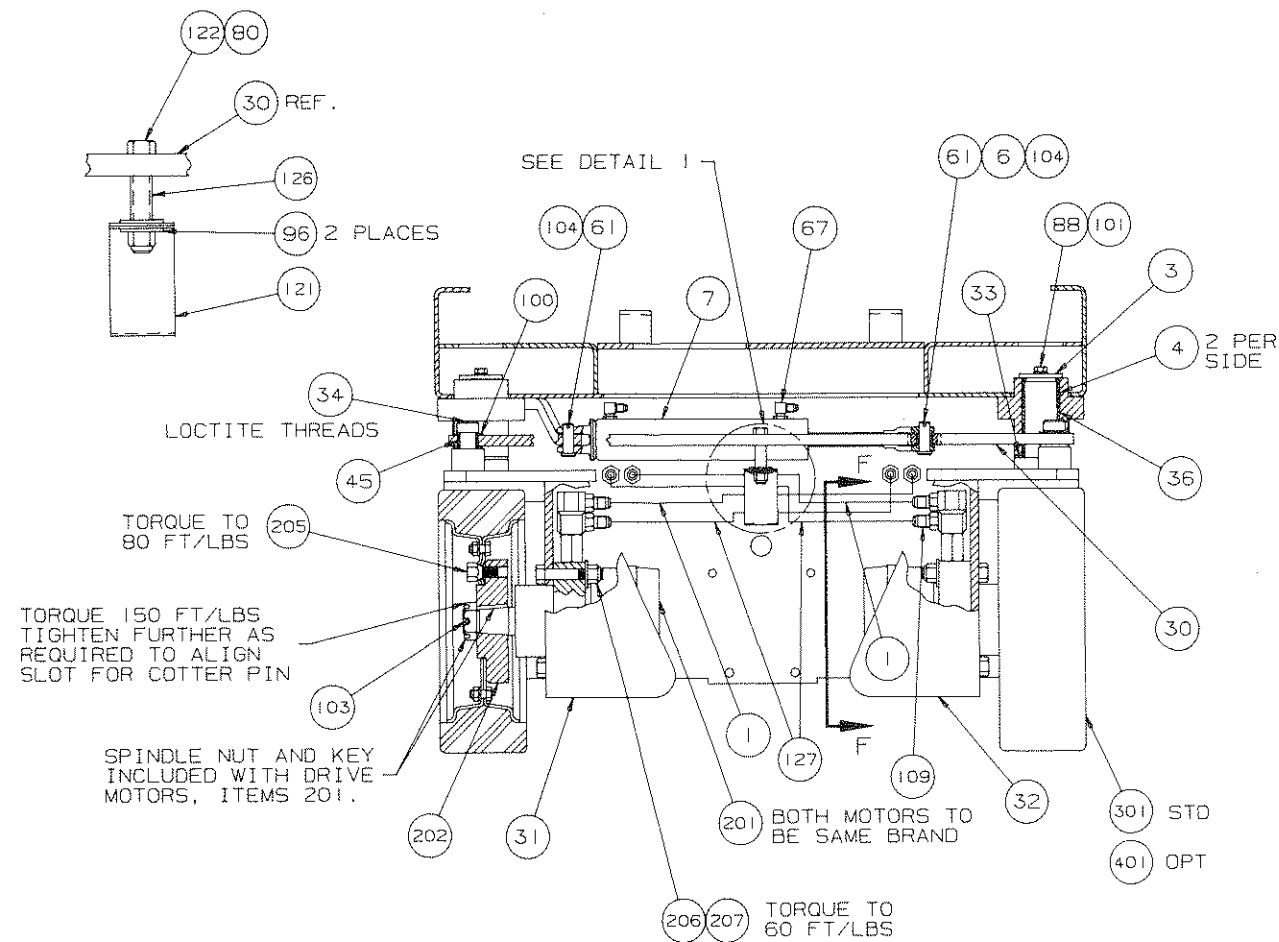
201.	301433	HYDRAULIC DRIVE MOTOR	2
202.	300356	HUB	2
203.	301443	SWIVEL 90° LONG (-10/-6)	2
204.	301442	SWIVEL 90° SHORT (-10/-6)	2
205.	300729	WHEEL BOLT, 60° CONE ANGLE	10
206.	971069	CAPSCREW 1/2-13 x 2 3/4 LG HEX HD GR 5	8
207.	5560039	SELF LOCKING NUT 1/2-13 ESNA #21NE-083	8

TIRE COMPONENTS:

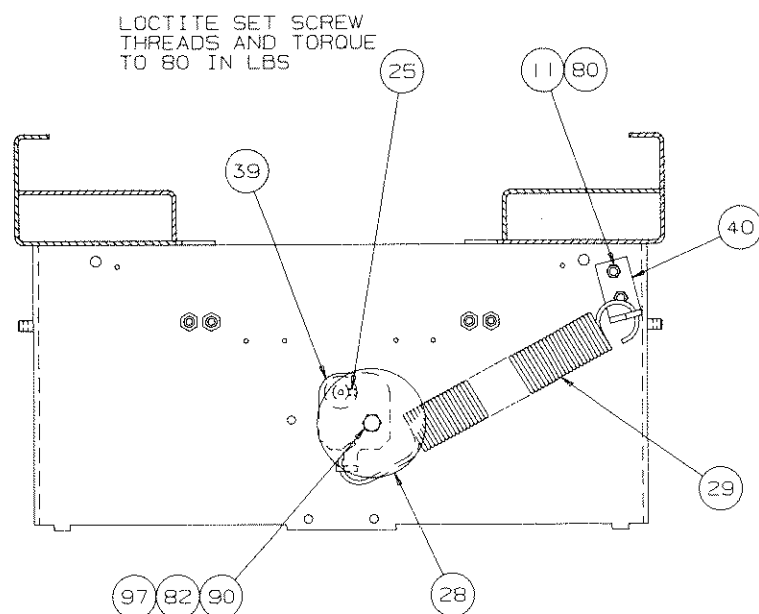
301.	301239	STANDARD 200 x 8 BLACK TIRES	2
302.		TIRE, BEARING HUB & BRAKE HUB ASSEMBLY	2
		(SEE PAGE 1 - 8 FOR REPLACEMENT PARTS)	
401.	301399	OPTIONAL NON-MARKING 200 x 8 WHITE TIRES	2
402.		TIRE, BEARING HUB & BRAKE HUB ASSEMBLY	2
		(SEE PAGE 1 - 8 FOR REPLACEMENT PARTS)	



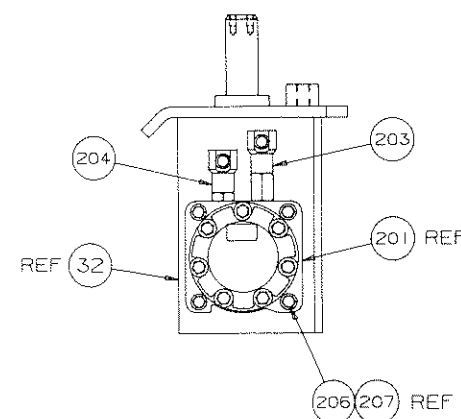
DETAIL I



VIEW A-A

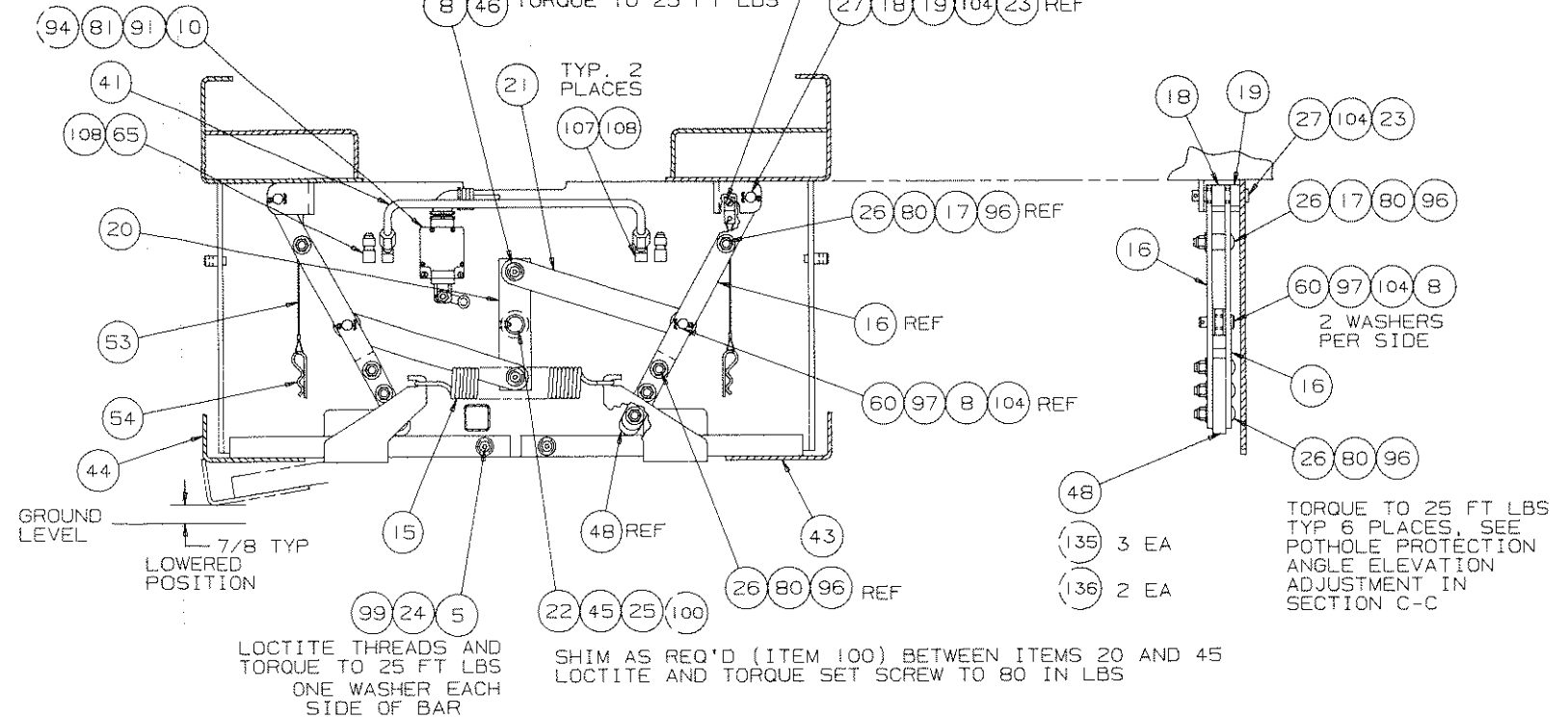


SECTION B-B

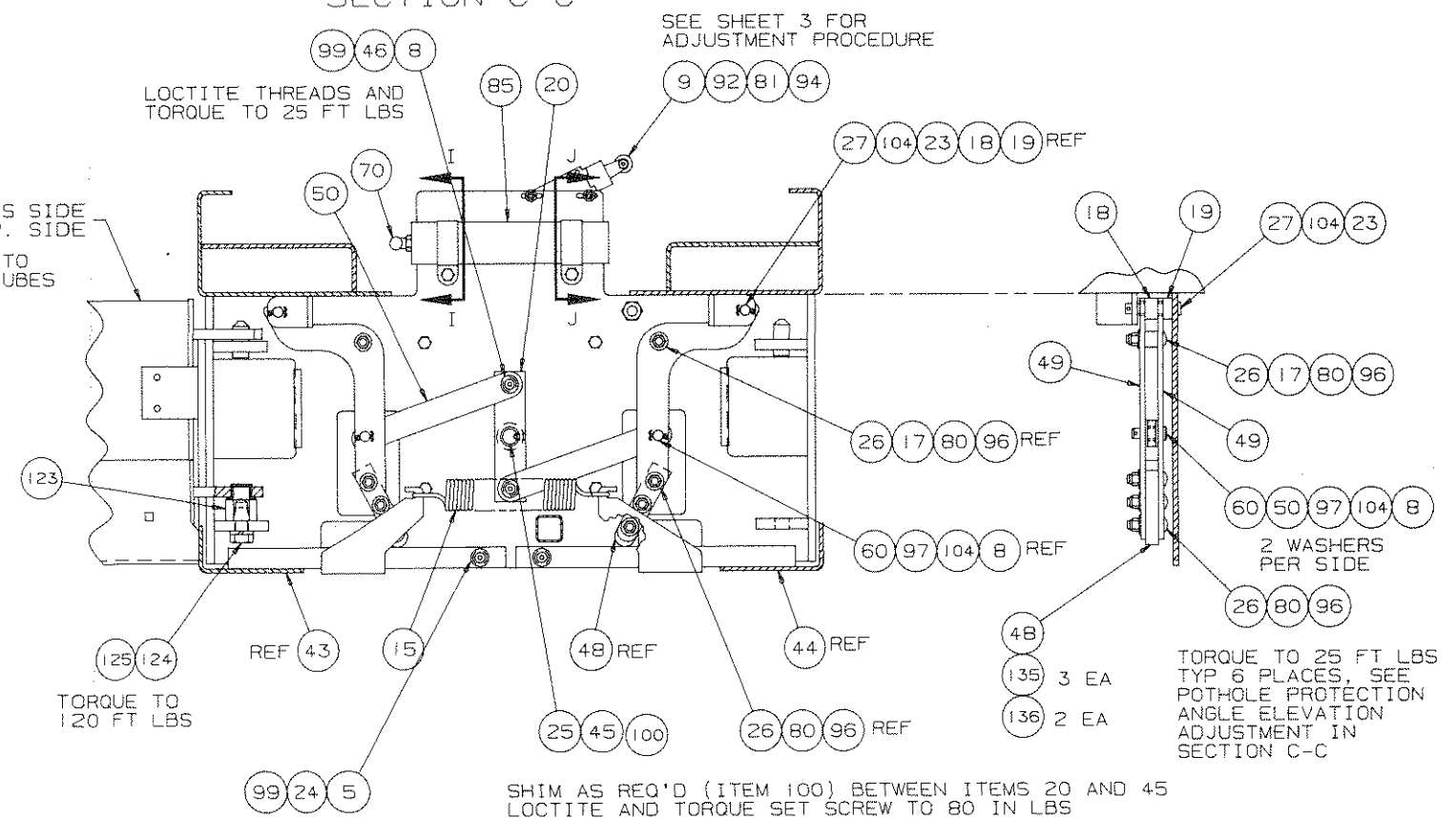


VIEW F-F

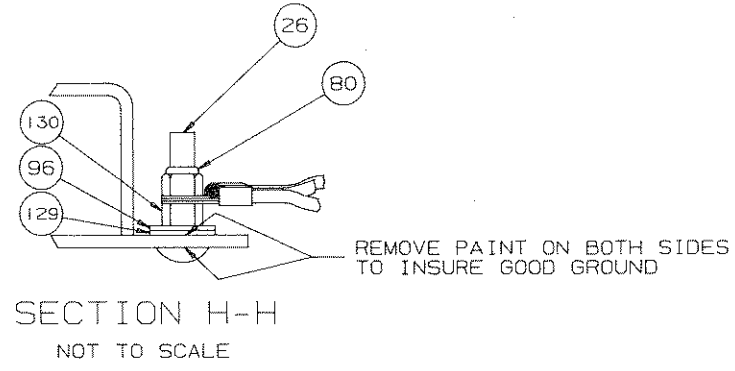
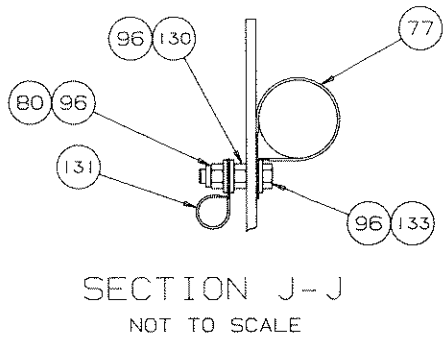
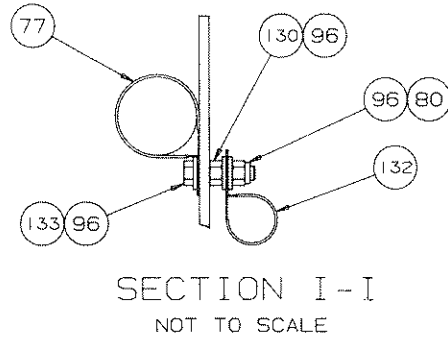
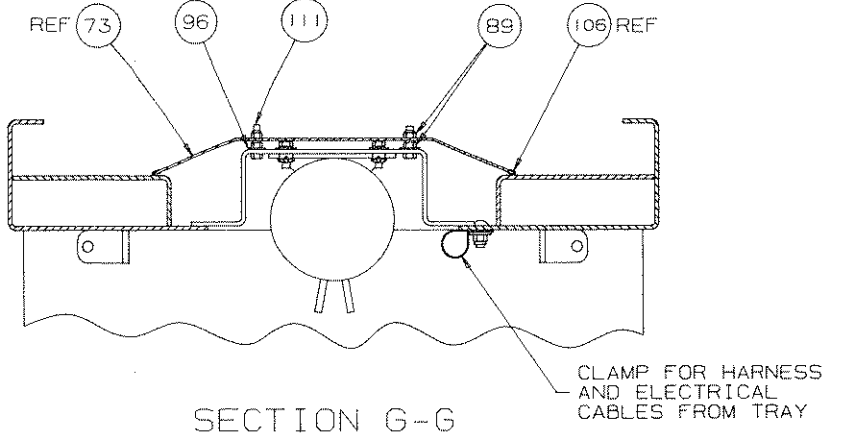
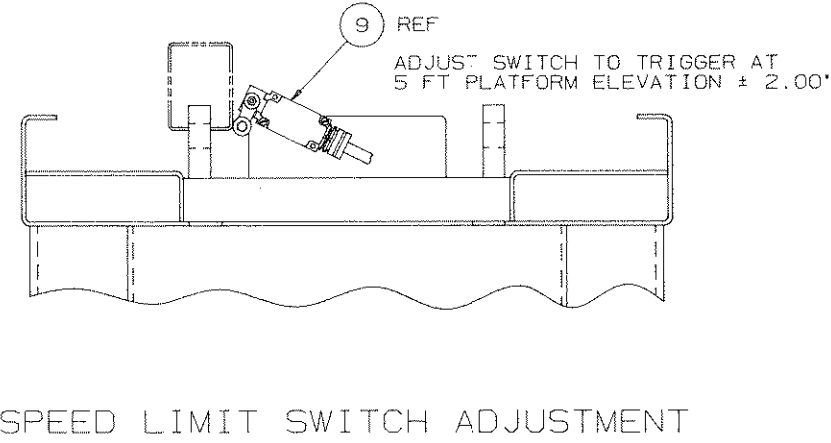
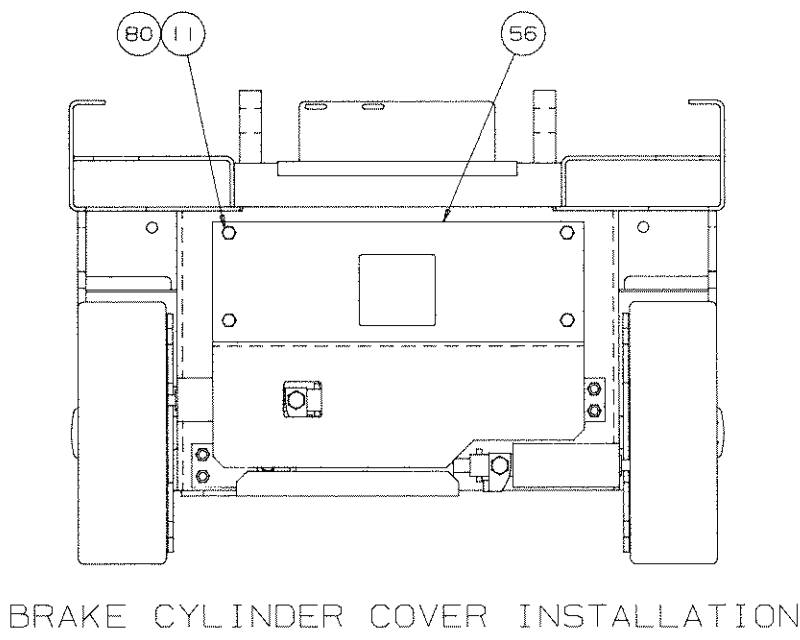
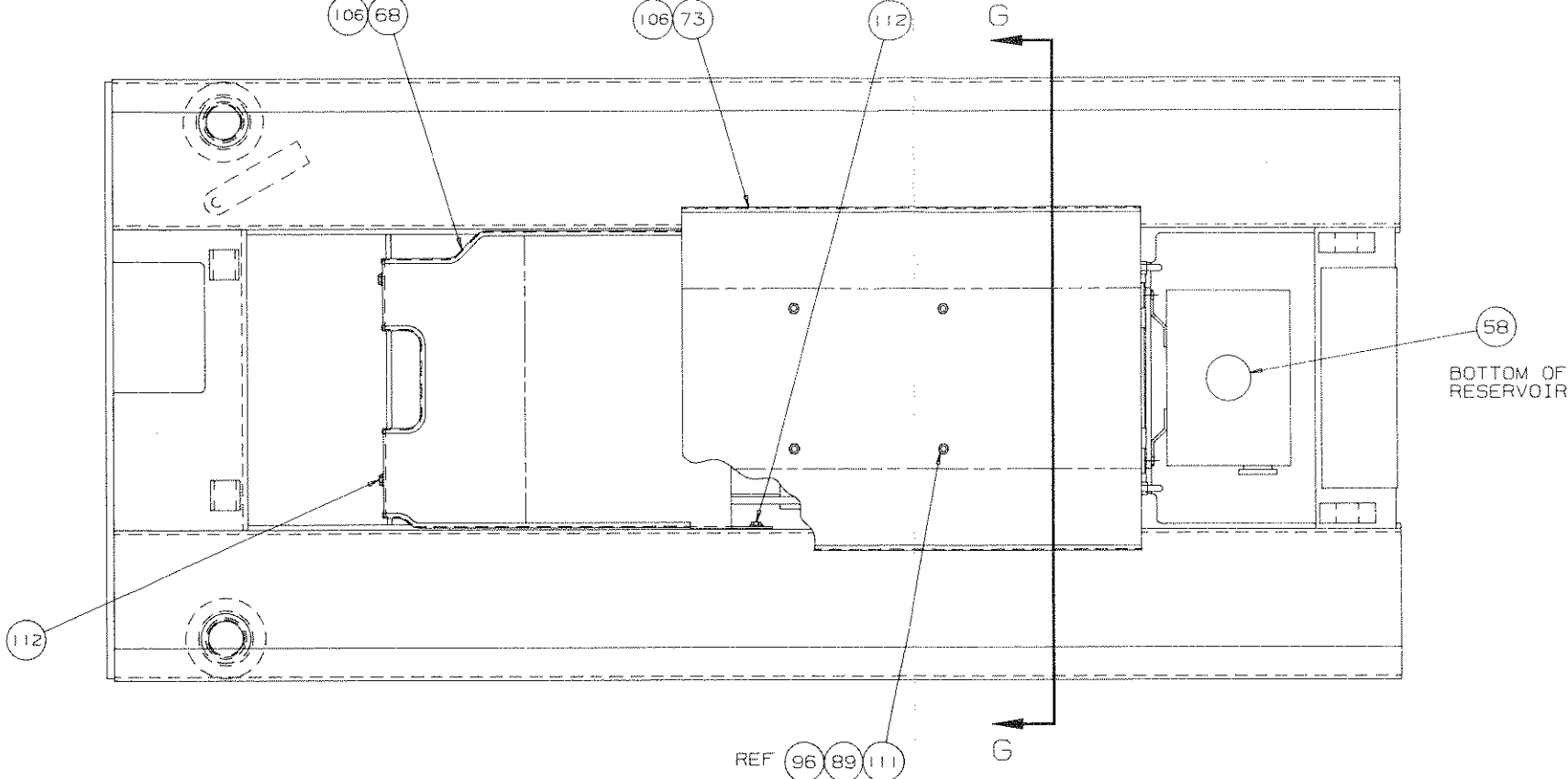
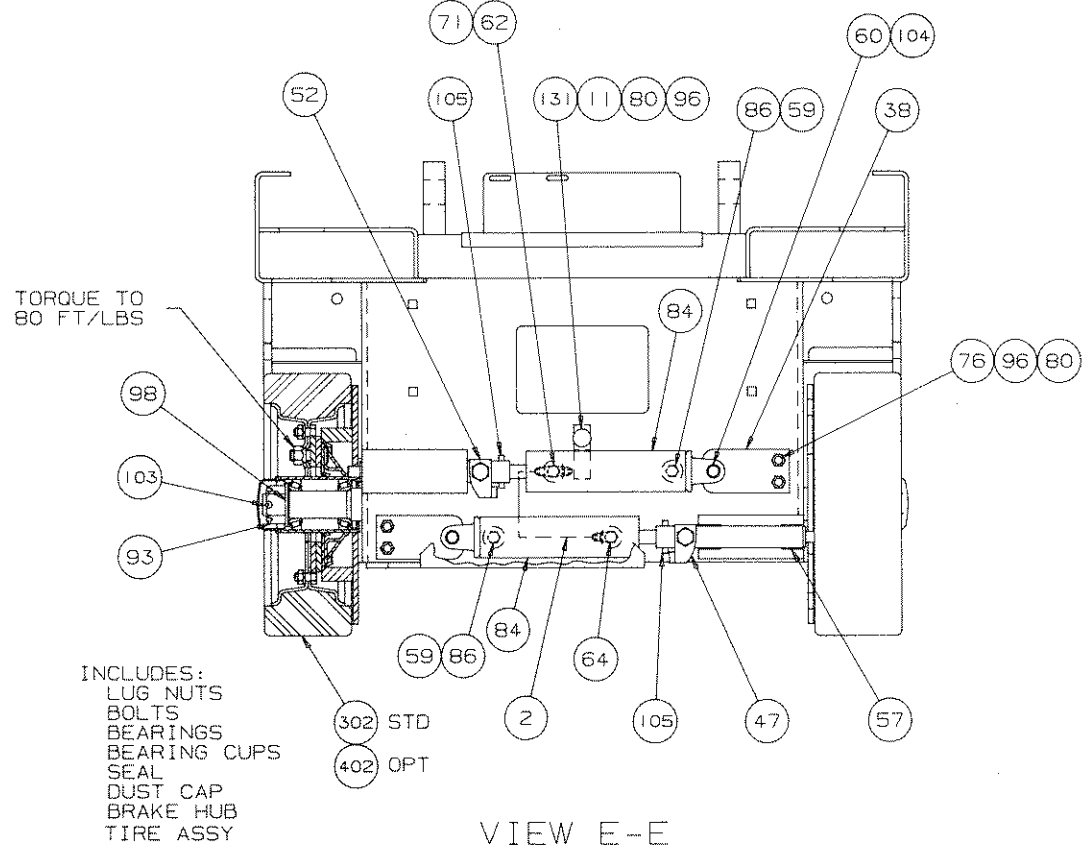
ADJUST SHIM AS REQ'D (ITEM 100) BETWEEN ITEMS 20 AND 45
WHEN ITEM 20 ROTATES TO HORIZONTAL



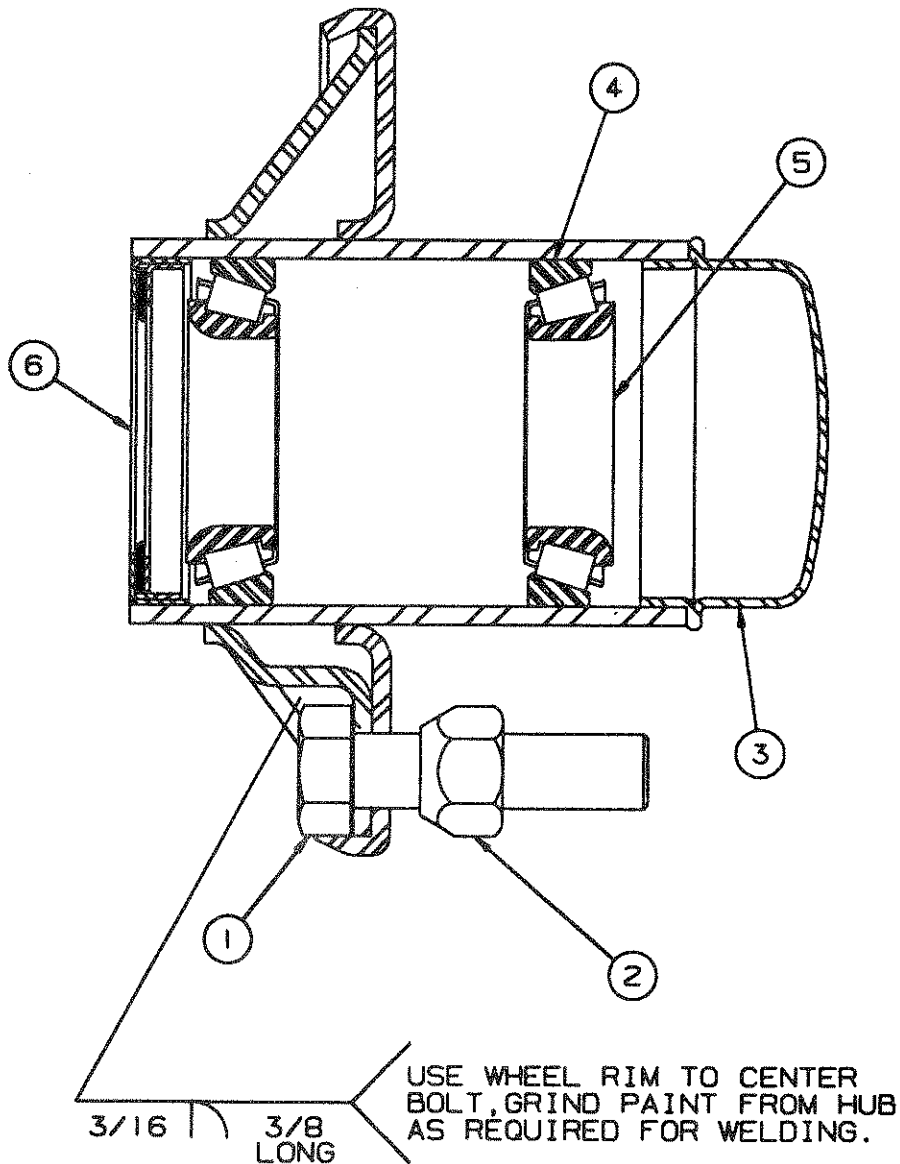
SECTION C-C



SECTION D-D



ITEM	PART NO	DESCRIPTION	REQ
0.	301520	BEARING HUB ASSEMBLY (COMPLETE)	2
1.		REPLACEMENT CAPSCREW 1/2-20 x 2 LG HEX HD GR 5	5
2.	984459	WHEEL NUT 1/2-20 60° SEAT ANGLE, DICO #14689	5
3.	464686	DUST CAP, DICO #4159	1
4.		BEARING CUP, HI-CAP #LM67010	2
5.	034377	BEARING, HI-CAP #LM67048	2
6.	034387	GREASE SEAL, DICO #8752	1



HYDRAULIC TRAY ASSEMBLY

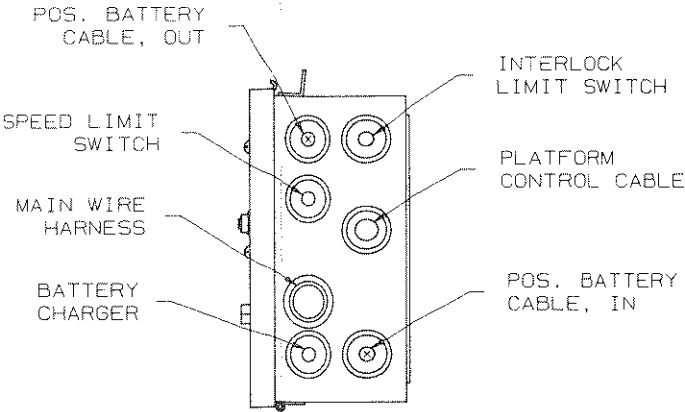
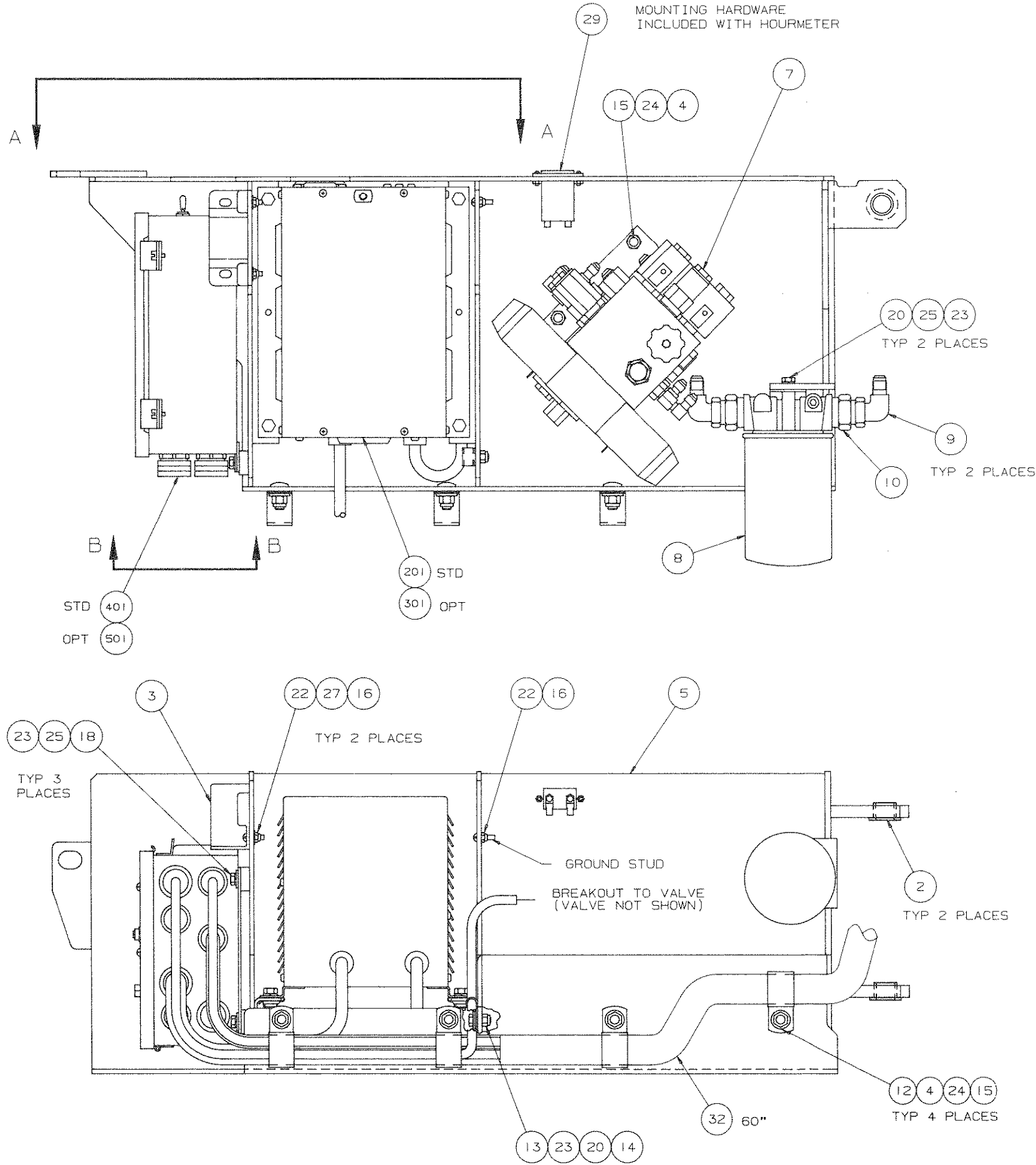
ITEM	PART NO	DESCRIPTION	REQ
1.	0020275	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
2.	300437	BEARING, FLANGED OILITE #FF901-6	2
3.	300659	ALARM, 102DB - DUAL FUNCTION	1
4.	300717	CARRIAGE BOLT 3/8-16 x 1 INCH LONG	7
5.	301223	TRAY WELDMENT, RIGHT HAND SIDE	1
6.	301428	PAN, OIL DRAIN	1
7.	301434	VALVE ASSEMBLY	1
8.	301440	RETURN FILTER ASSEMBLY	1
	451896	REPLACEMENT FILTER ELEMENT	
9.	5035320	STRAIGHT THREAD 90° ELBOW (-8/-6)	2
10.	5076003	STRAIGHT THREAD REDUCER (-12/-8)	2
11.	5093000	CLAMP, AEROQUIP #900729-01	1
12.	5093027	CLAMP, AEROQUIP #900729-27	4
13.	5093019	CLAMP, AEROQUIP #900729-19	1
14.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	1
15.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	7
16.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	3
17.	5560137	SPEED NUT 5/16-18	4
18.	970009	CAPSCREW 1/4-20 x 1/2 LG HEX HD GRD 5	3
19.	0101896	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
20.	970029	CAPSCREW 1/4-20 x 3/4 LG HEX HD GRD 5	3
21.	970239	CAPSCREW 5/16-18 x 3/4 LG HEX HD GRD 5	4
22.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HEAD	3
23.	986019	WASHER 1/4 MEDIUM FLAT	6
24.	986029	WASHER 5/16 MEDIUM FLAT	7
25.	987099	WASHER 1/4 MEDIUM LOCK	5
26.	987109	WASHER 5/16 MEDIUM LOCK	4
27.	986009	WASHER #10 MEDIUM FLAT	2
28.	300804	HOURLMETER GROUND WIRE ASSEMBLY	1
29.	455186	HOURLMETER	1
30.	3044854	TERMINAL RING TONGUE INSULATED #10 STUD 12/10 WIRE	1
31.	3044836	TERMINAL RING TONGUE INSULATED 3/8 STUD 12/10 WIRE	1
32.	5090034	HOSE GUARD x 106 INCHES LONG	1
33.	0020273	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
34.	0070771	1/4 ID HYDRAULIC HOSE ASSEMBLY	2
35.	0020271	3/8 ID HYDRAULIC HOSE ASSEMBLY	2
36.	0070764	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
37.	0050137	1/4 ID HYDRAULIC HOSE ASSEMBLY	1

BATTERY CHARGER:

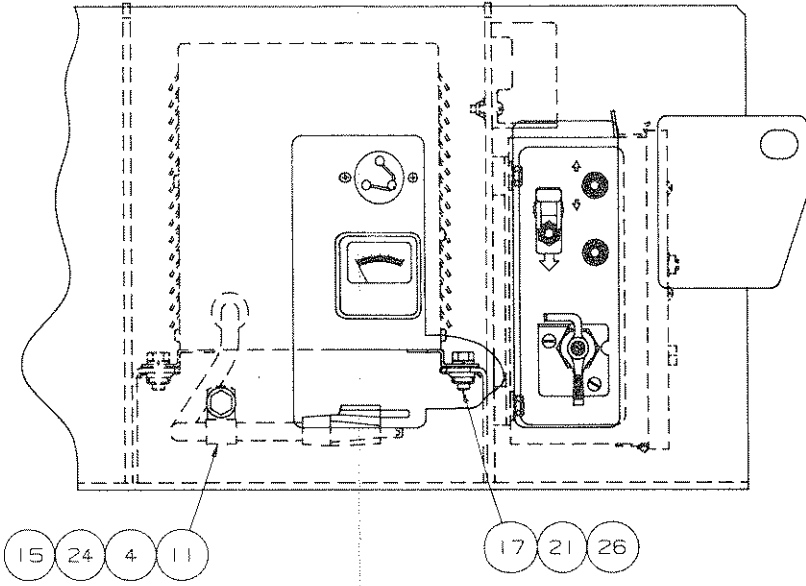
201.	300594	STANDARD CHARGER, 24VDC/25 AMP - 120VAC/60HZ	1
301.	300755	OPTIONAL WORLD CHARGER, 24VDC/20 AMP - 50/60HZ	1

GROUND CONTROL BOX ASSEMBLY:

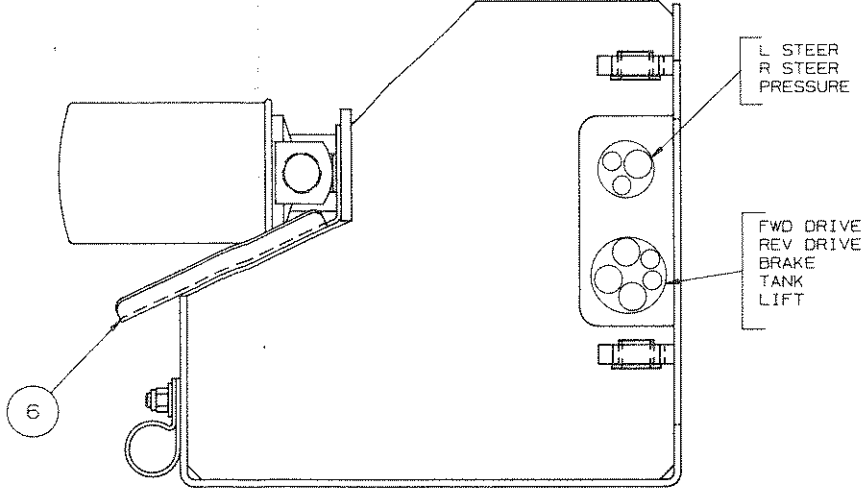
401.	301438	STANDARD ELECTRICAL SYSTEM	1
501.	301457	OPTIONAL QUICK DISCONNECT ELECTRICAL SYSTEM	1



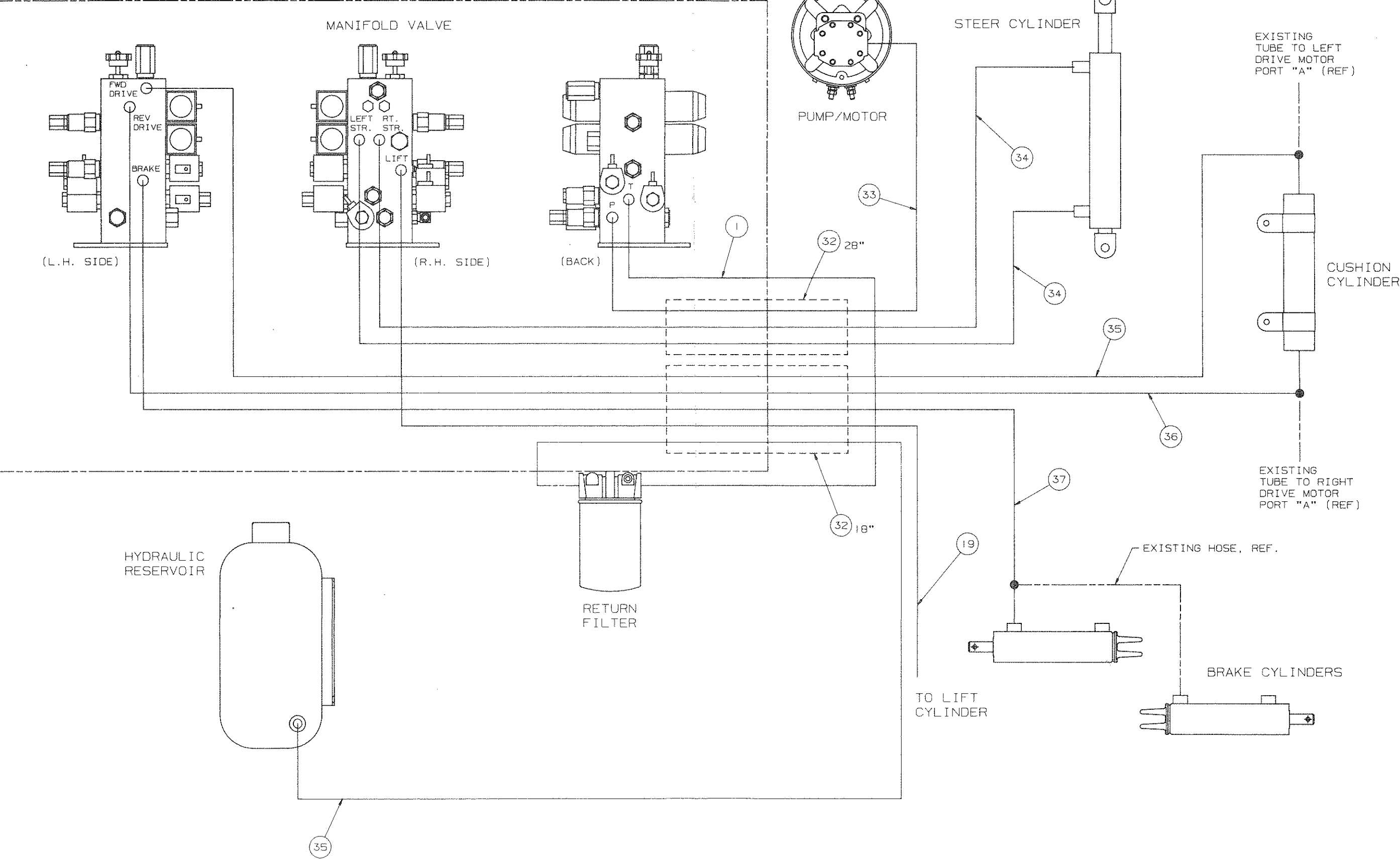
VIEW B-B

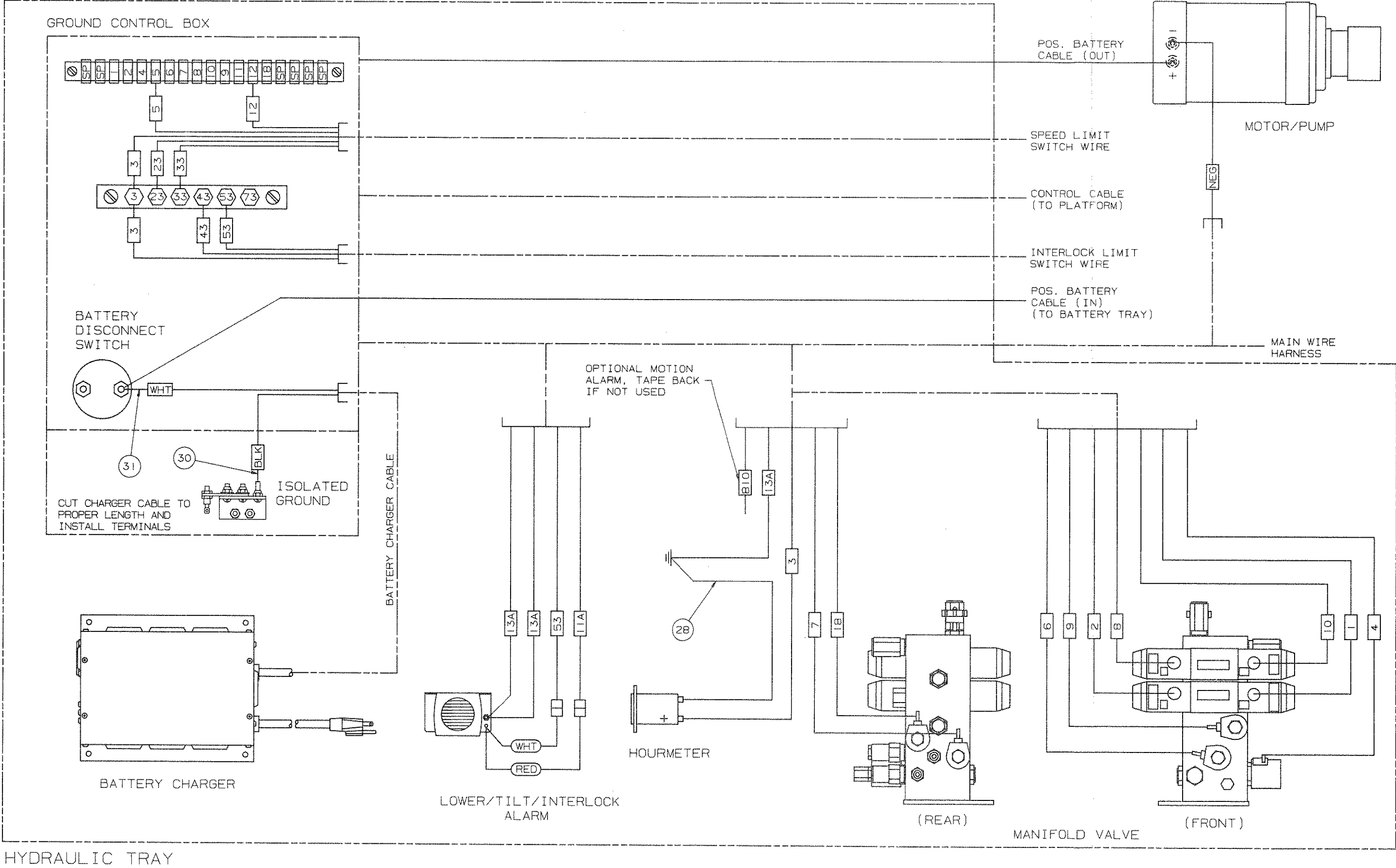


VIEW A-A TYP 4 PLACES

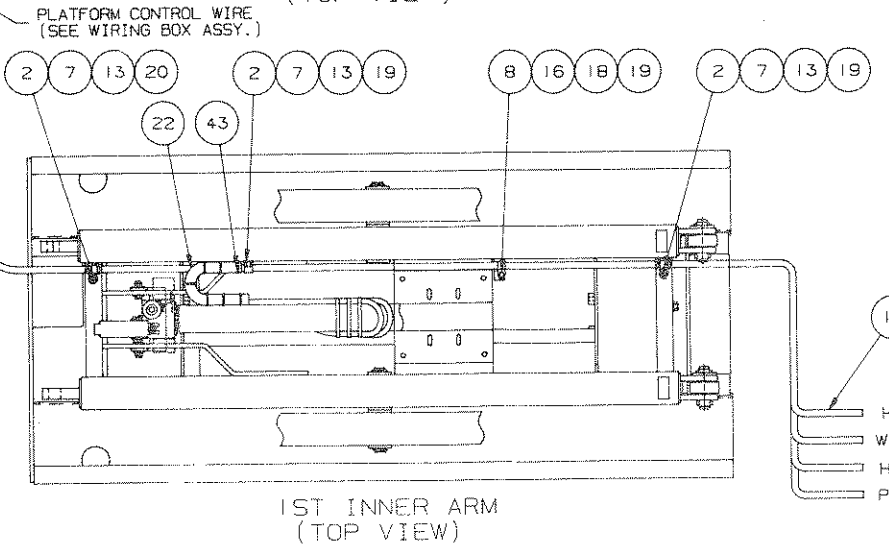
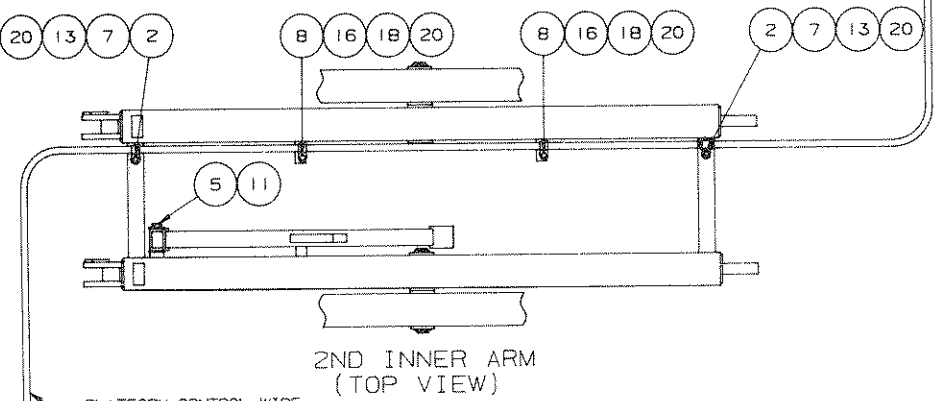
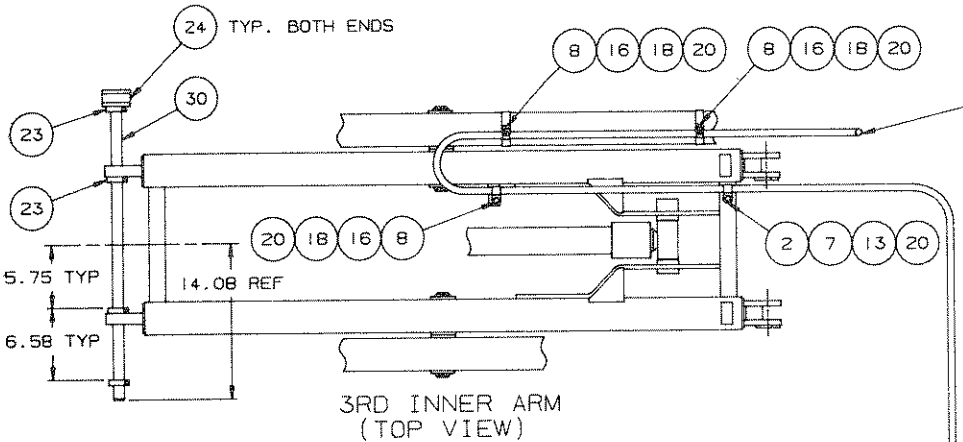


HYDRAULIC TRAY

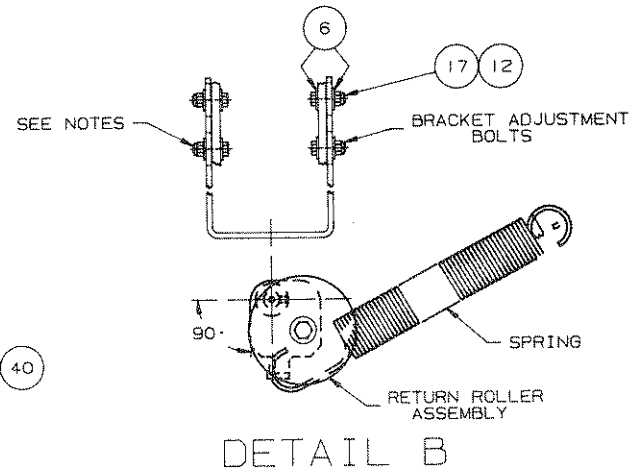
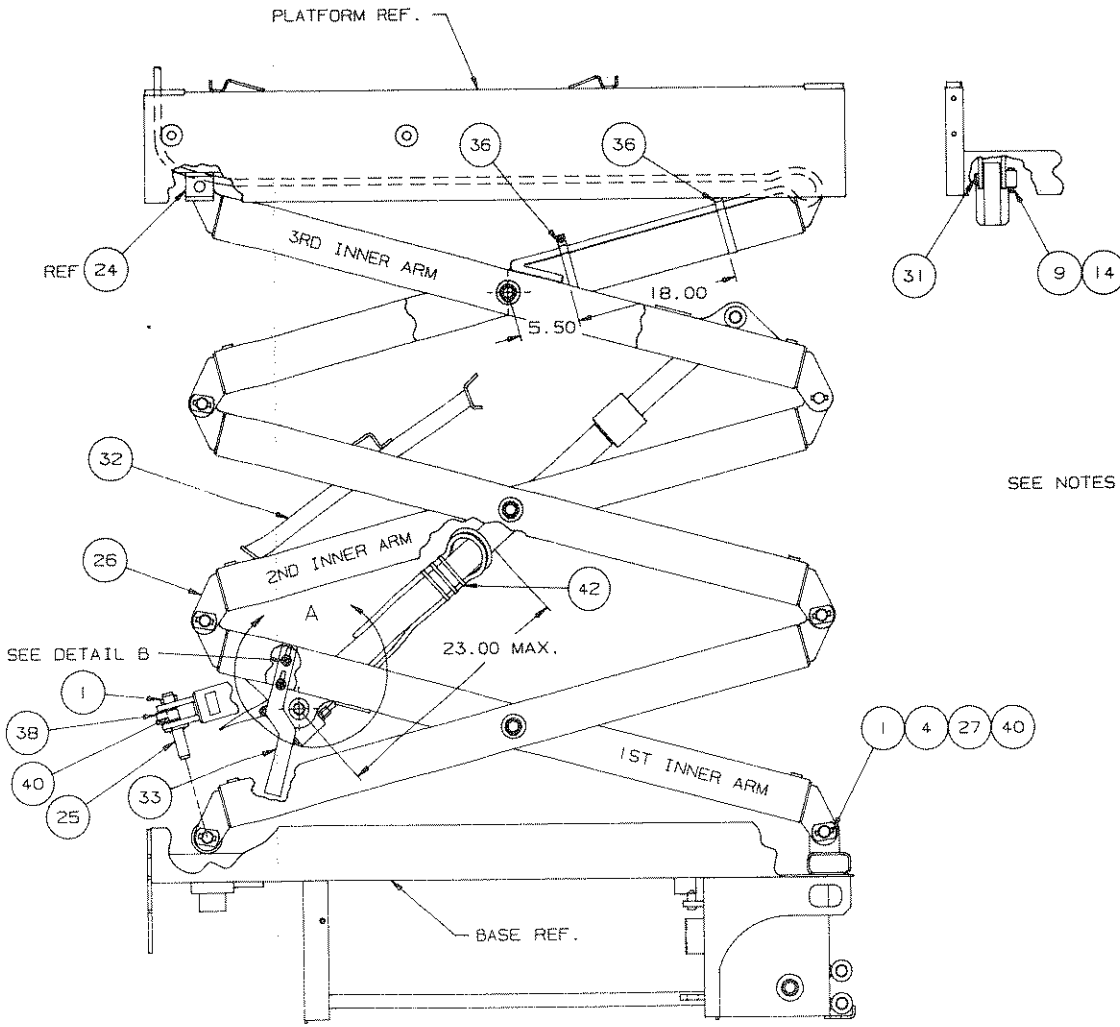
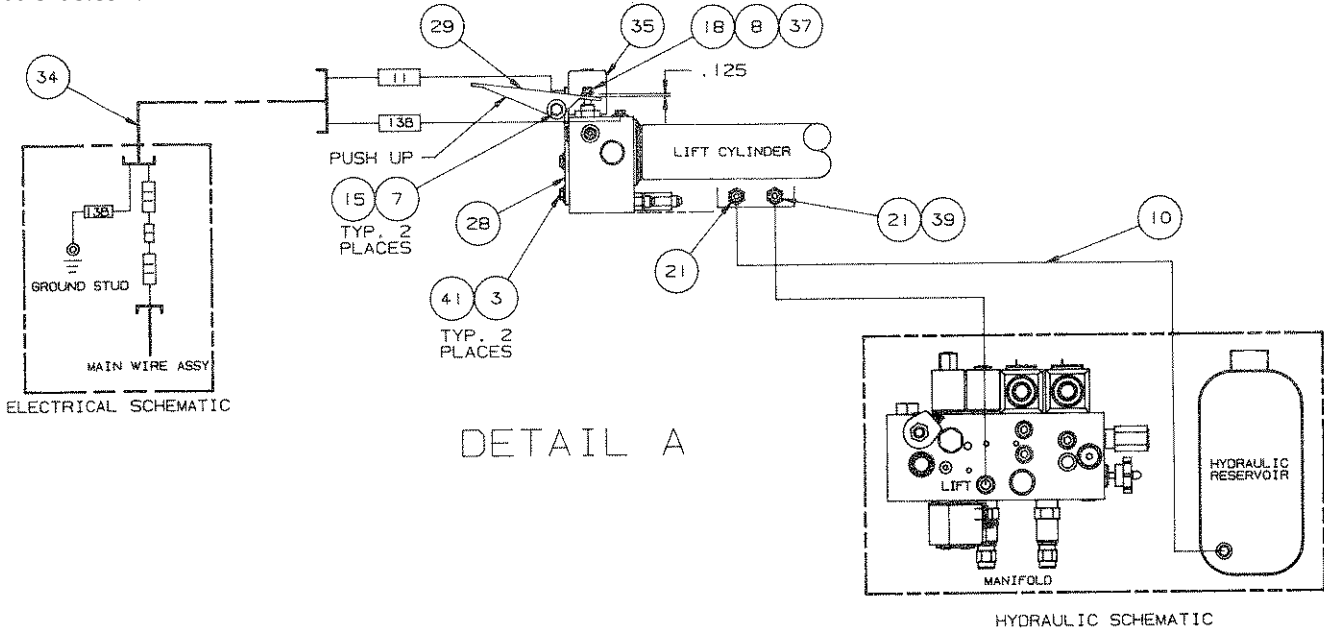




- NOTES:
ADJUSTMENT PROCEDURE
- 1) LOOSEN BRACKET ADJUSTMENT BOLTS TO FINGER TIGHT CONDITION.
 - 2) REMOVE SPRING FROM RETURN ROLLER ASSEMBLY.
 - 3) ROTATE RETURN ROLLER ASSEMBLY TO POSITION SHOWN.
 - 4) LOWER ARM STACK TO FULLY LOWERED POSITION.
 - 5) POSITION BRACKET TO CONTACT ROLLER SURFACE.
 - 6) TORQUE BRACKET ADJUSTMENT BOLTS TO 25 FT. LBS. AND RECONNECT SPRING TO ROLLER ASSEMBLY.



SEE CONTROL BOX ASSEMBLY DRAWING FOR INSTALLATION OF QUICK DISCONNECT



- HOSE ASSY-LIFT CYL. (TANK) — HYD. RESERVOIR
- WIRE ASSY-LIFT CYL. — TO MAIN HARNESS
- HOSE ASSY-LIFT CYL. (PRESSURE)
- PLATFORM CONTROL WIRE

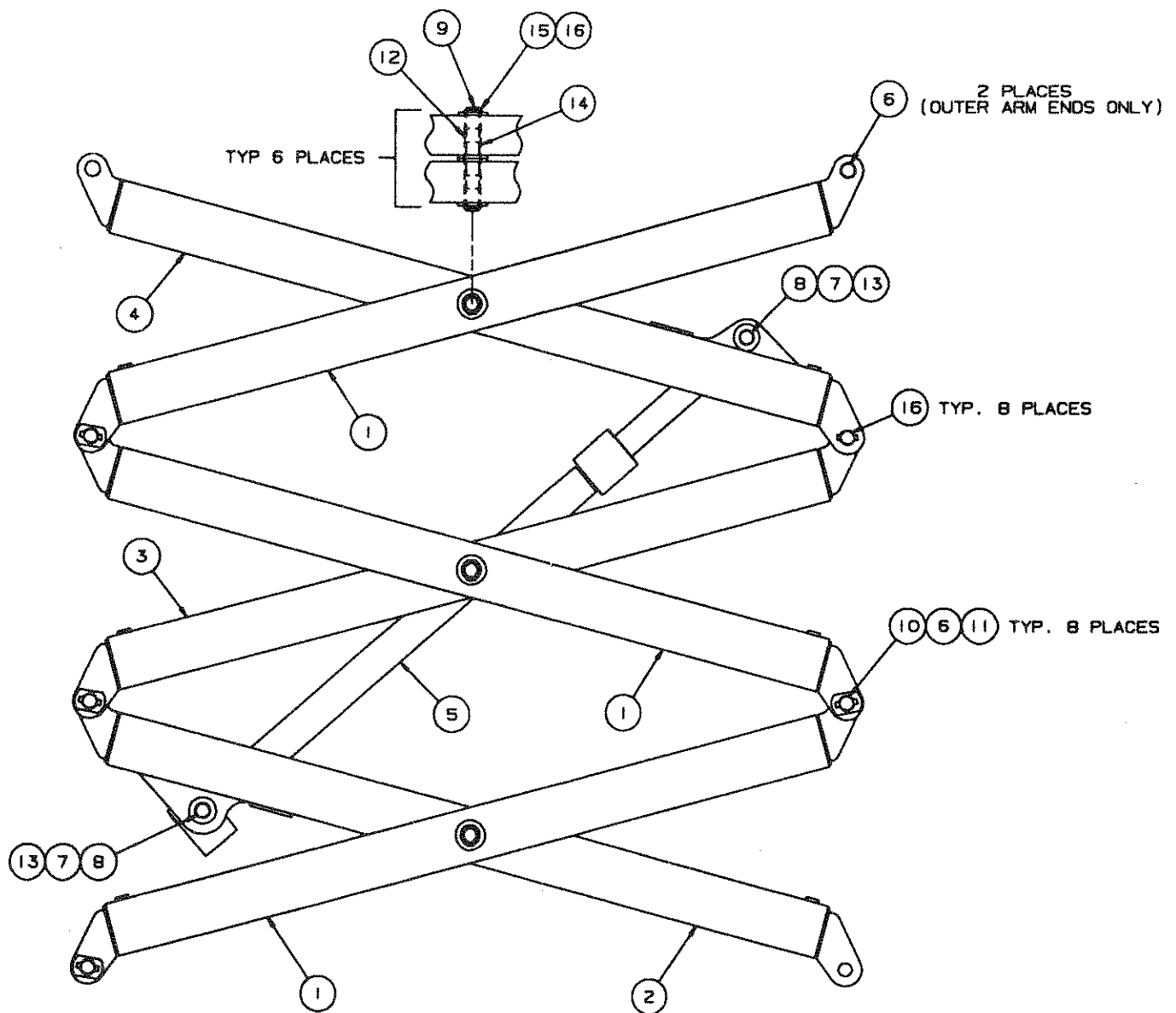
SCISSOR ARM SET INSTALLATION

ITEM	PART NO	DESCRIPTION	REQ
1.	989599	ROLL PIN 3/8 INCH DIAMETER x 1 1/2 INCH LONG	8
2.	987119	WASHER 3/8 MEDIUM LOCK	6
3.	987099	WASHER 1/4 MEDIUM LOCK	2
4.	986619	WASHER 1 ID x 1 1/2 OD x 1/16 INCH THICK	4
5.	5560124	WASHER SPRING #HDS-12	1
6.	986039	WASHER 3/8 WIDE FLAT	8
7.	986029	WASHER 5/16 WIDE FLAT	8
8.	986019	WASHER 1/4 WIDE FLAT	7
9.	5560031	SELF LOCKING NUT 5/16-18 ESNA #22NE-058	2
10.	0100271	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
11.	971069	CAPSCREW 1/2-13 x 2 3/4 LG HEX HD GR 5	1
12.	970479	CAPSCREW 3/8-16 x 1 1/4 LG HEX HD GR 5	4
13.	970439	CAPSCREW 3/8-16 x 5/8 LG HEX HD GR 5	6
14.	970299	CAPSCREW 5/16-18 x 2 LG HEX HD GR 5	2
15.	970249	CAPSCREW 5/16-18 x 7/8 LG HEX HD GR 5	2
16.	970029	CAPSCREW 1/4-20 x 3/4 LG HEX HD GR 5	6
17.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	4
18.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	7
19.	5093008	CLAMP, AEROQUIP #900729-8	3
20.	5093000	CLAMP, AEROQUIP #900729-01	9
21.	5065705	STRAIGHT THREAD ADAPTER (-6/-4)	2
22.	3090020	FLEXGUARD TUBE x 17 INCH LONG	1
23.	301471	STAFFORD SPLIT COLLAR #MS18L	4
24.	301470	SLIDER	2
25.	301422	PIN, ARM ROLLERS	2
26.	301421	SCISSOR ARM SET ASSEMBLY (COMPLETE)	1
27.	301419	PIN, ARM END PIVOT	2
28.	301366	BLEED DOWN BRACKET WELDMENT	1
29.	301365	BRACKET, BLEED DOWN	1
30.	301364	PIN, PLATFORM SLIDER	1
31.	301363	PIN, PLATFORM MOUNTING	2
32.	301342	SAFETY PROP	1
33.	301282	STABILIZER BRACKET	1
34.	300721	WIRE ASSEMBLY, LIFT CYLINDER	1
35.	300719	LIFT CYLINDER CARTRIDGE VALVE	1
	6010533	SEAL REPAIR KIT, LIFT CYLINDER CARTRIDGE VALVE	
	6010509	REPLACEMENT 2-WAY CARTRIDGE	
	3040458	REPLACEMENT SOLENOID 24 VOLT DC	
36.	300718	CLAMP	2
37.	300657	MANUAL BLEED DOWN CARTRIDGE VALVE	1
38.	300522	ROLLER, POTHOLE PROTECTION SYSTEM	2
39.	257746	CHECK VALVE (.035 DIAMETER ORIFICE)	1
40.	2501616	BEARING, GARLOCK 16DU16	4
41.	970009	CAPSCREW 1/4-20 x 1/2 LG HEX HD GR 5	2
42.		BLACK CABLE TIE, LONG	3
43.		BLACK CABLE TIE, SHORT	3

SCISSOR ARM SET ASSEMBLY

ITEM	PART NO	DESCRIPTION	REQ
0.	301421	SCISSOR ARM SET ASSEMBLY (COMPLETE)	1
1.	301398	OUTER ARM WELDMENT	6
2.	301391	1ST INNER ARM WELDMENT	1
3.	301392	2ND INNER ARM WELDMENT	1
4.	301393	3RD INNER ARM WELDMENT	1
5.	301271	CYLINDER ASSEMBLY, LIFT	1
6.	2501616	BEARING, GARLOCK #16DU16	10
7.	5560031	SELF LOCKING NUT 5/16-18 ESNA #22NE-058	2
8.	571364	PIN	2
9.	301272	PIN	6
10.	301419	PIN	8
11.	989599	ROLL PIN 3/8 DIAMETER x 1 1/2 INCH LONG	16
12.	301420	SPACER	12
13.	970319	CAPSCREW 5/16-18 x 2 1/2 LG HEX HD GR 5	2
14.	250034	BEARING, GARMAX #GM1620-16	24
15.	300542	SNAP RING	12
16.	986619	WASHER 1 INCH MEDIUM FLAT	20

SCISSOR ARM SET ASSEMBLY



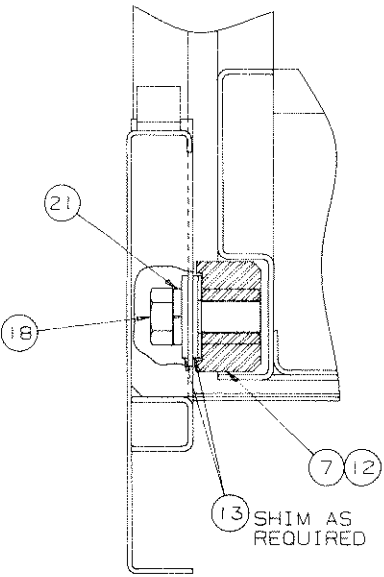
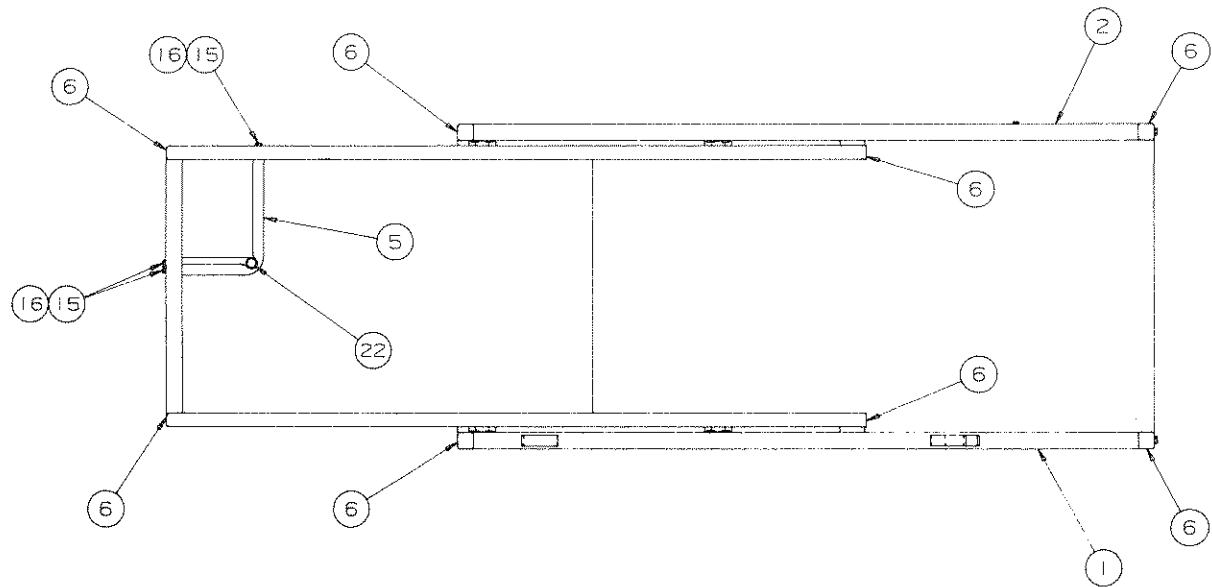
PLATFORM ASSEMBLY

<https://truckmanualshub.com/>

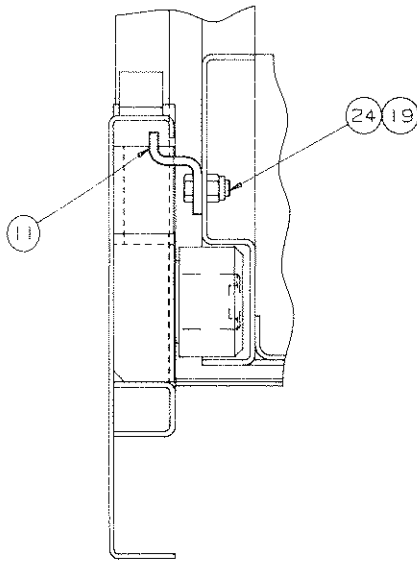
ITEM	PART NO	DESCRIPTION	REQ
1.	301254	SIDE GUARD RAIL, LEFT HAND	1
2.	301253	SIDE GUARD RAIL, RIGHT HAND	1
3.	301238	PLATFORM	1
4.	301252	EXTENSION DECK	1
5.	300743	PLATFORM CONTROL BOX GUARD	1
6.	468886	END CAP, SQUARE PLASTIC	10
7.	583326	ROLLER, EXTENSION DECK	4
8.	301241	ANGLE BRACKET, DECAL PLATE	1
9.	301260	CROSS RAIL, TOP REAR ENTRANCE	1
10.	300860	DECK LATCH ASSEMBLY	1
11.	301387	GUIDE	2
12.	592114	SLIDER MOUNT, EXTENSION DECK	4
13.		WASHER, FLAT 1 1/4 ID x 2 OD x 14 GAUGE THICK	12
14.	970029	CAPSCREW 1/4-20 x 3/4 LG HEX HD GR 5	2
15.	987119	WASHER 3/8 MEDIUM LOCK	3
16.	970499	CAPSCREW 3/8-16 x 1 3/4 LG HEX HD GR 5	3
17.	970519	CAPSCREW 3/8-16 x 2 1/4 LG HEX HD GR 5	11
18.	971469	CAPSCREW 3/4-16 x 1 3/4 LG HEX HD GR 5	4
19.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	15
20.	5560004	SELF LOCKING NUT 3/8-16 ESNA #22NE-040	2
21.	987179	WASHER 3/4 MEDIUM LOCK	4
22.	438706	TUBE CAP	1
23.	583406	HOLE PLUG, 2 INCH DIAMETER - PLASTIC	4
24.	970469	CAPSCREW 3/8-16 x 1 LG HEX HD GR 5	4

OPTIONAL ENTRY CHAIN ONLY

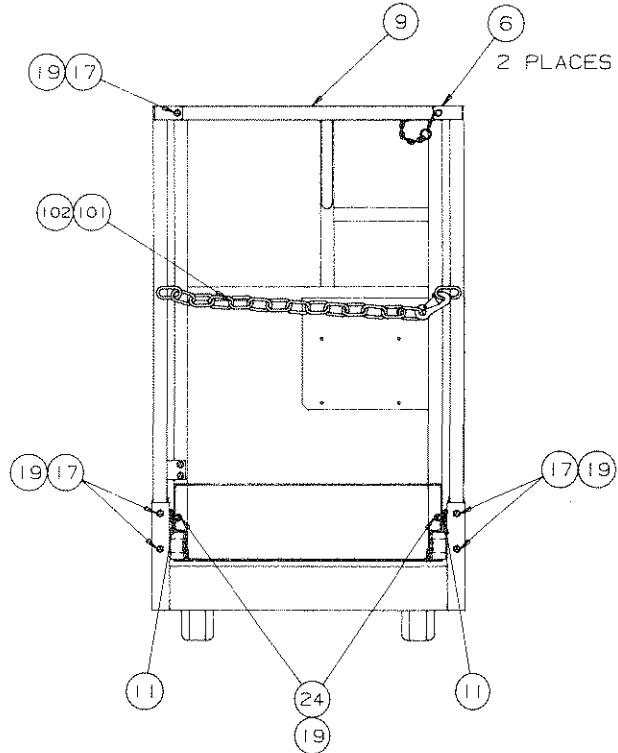
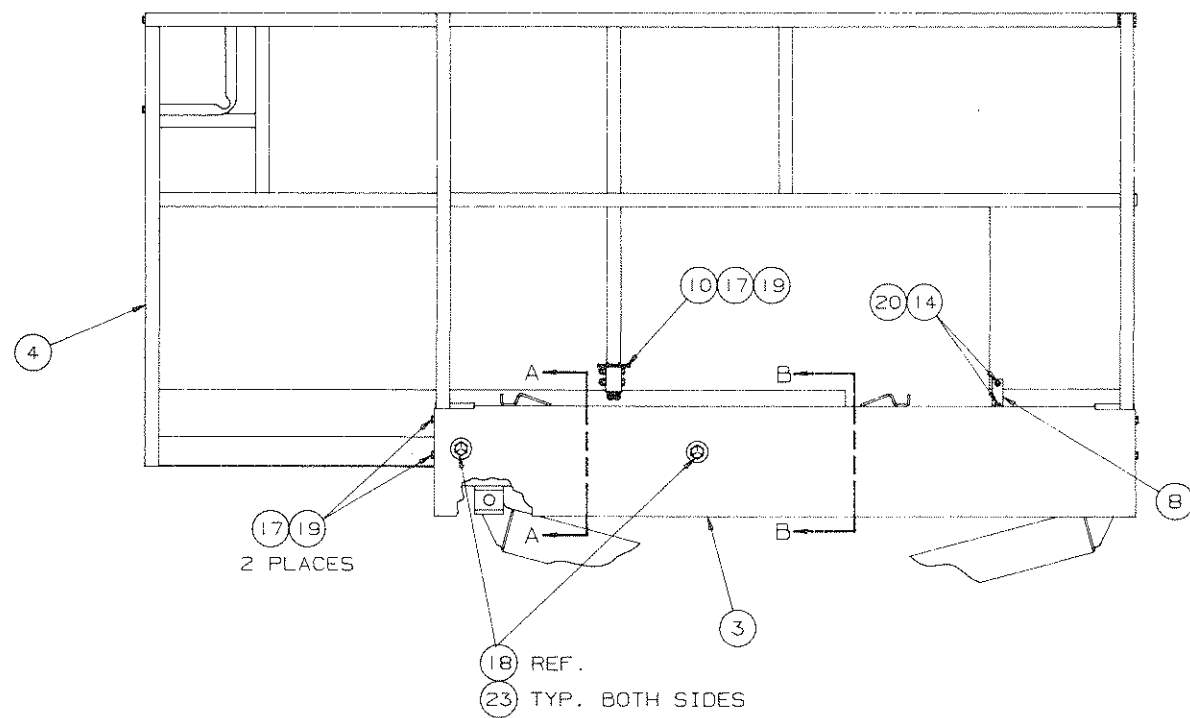
101.	458594	ENTRY CHAIN ASSEMBLY	1
102.	458536	LINK, REPAIR	1



SECTION A-A
SCALE = 1/2
(TYP. 4 PLACES)

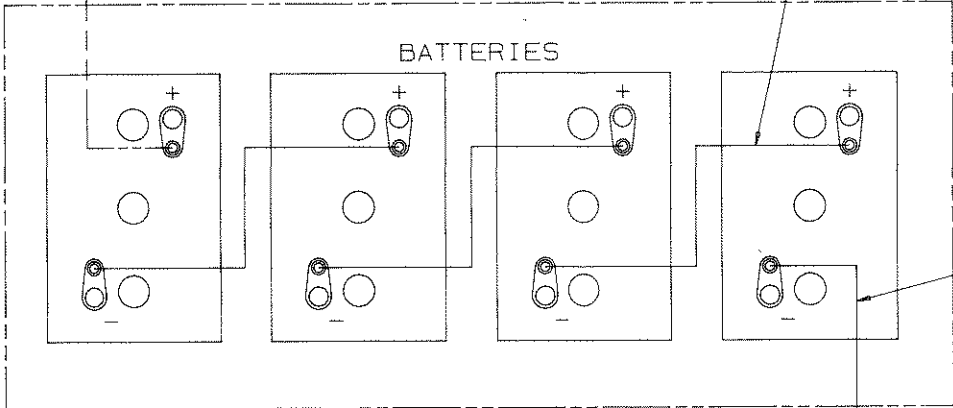


SECTION B-B
SCALE = 1/2
(TYP. 2 PLACES)

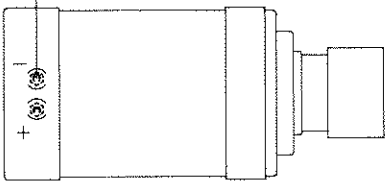


+ (POS) BATTERY CABLE
FROM GRD CONTROL BOX (REF)

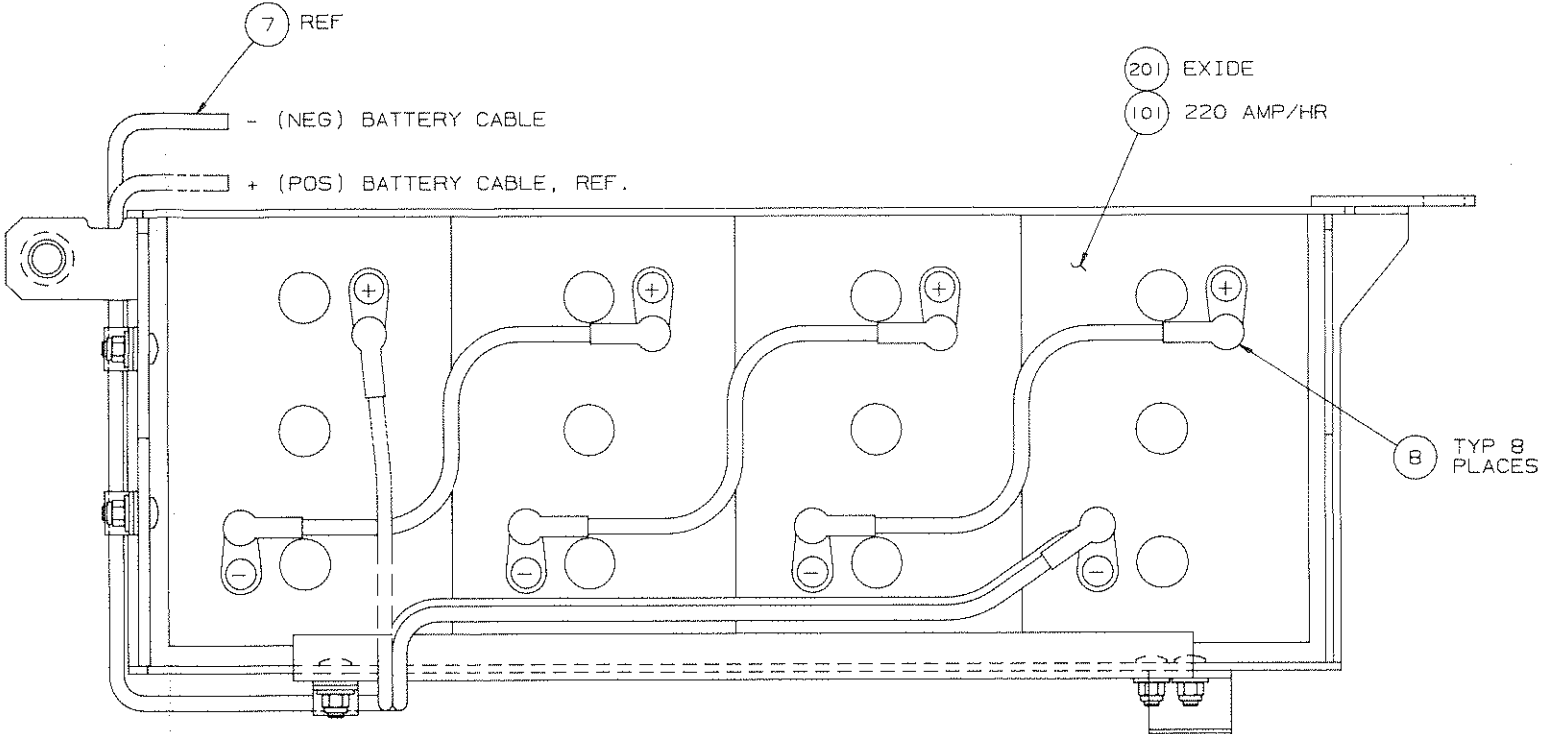
1 TYP 3 PLACES



7



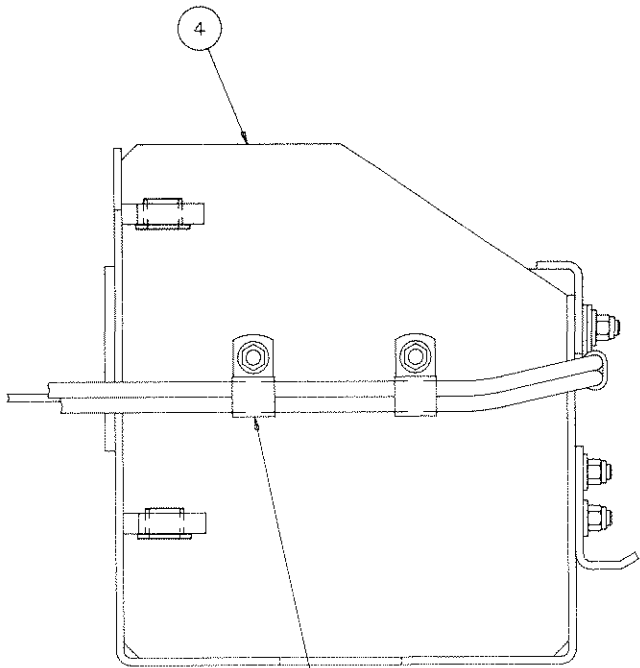
MOTOR/PUMP



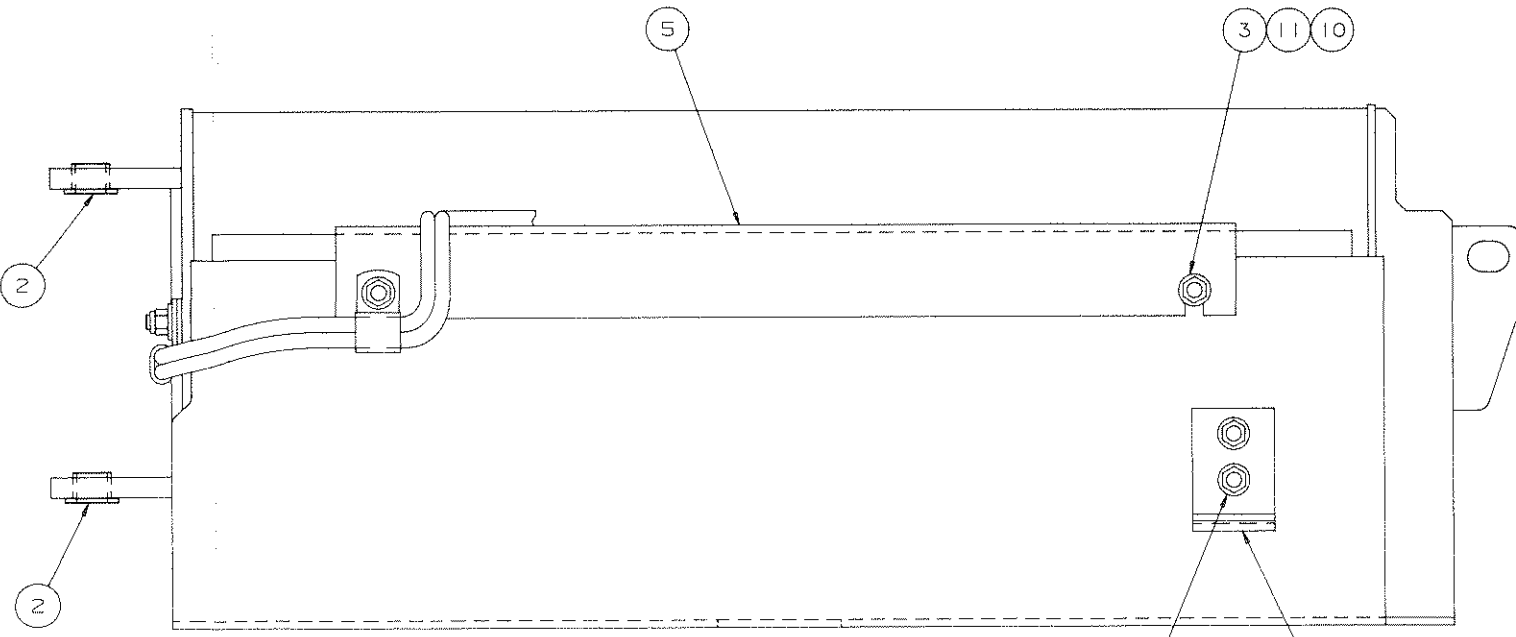
7 REF

201 EXIDE
101 220 AMP/HR

8 TYP 8 PLACES



9 3 11 10 TYP 3 PLACES



10 11 3 6

BATTERY TRAY ASSEMBLY

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	301414	BATTERY TRAY ASSEMBLY COMPLETE	1
1.	0090318	BATTERY WIRE	3
2.	300437	BEARING, FLANGED	2
3.	300717	CARRIAGE BOLT 3/8-16 x 1 INCH LONG	6
4.	301215	BATTERY TRAY WELDMENT	1
5.	301222	BATTERY HOLD DOWN	1
6.	301411	BATTERY TRAY BRACKET	1
7.	301412	BATTERY CABLE	1
8.	3040269	INSULATOR BOOT	8
9.	5093004	CLAMP, AEROQUIP #900729-4	3
10.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	6
11.	986029	WASHER 5/16 MEDIUM FLAT	6

STANDARD BATTERIES

101.	3050009	BATTERY, 6 VOLT D.C. - 220 AMP/HR	4
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OPTIONAL BATTERIES

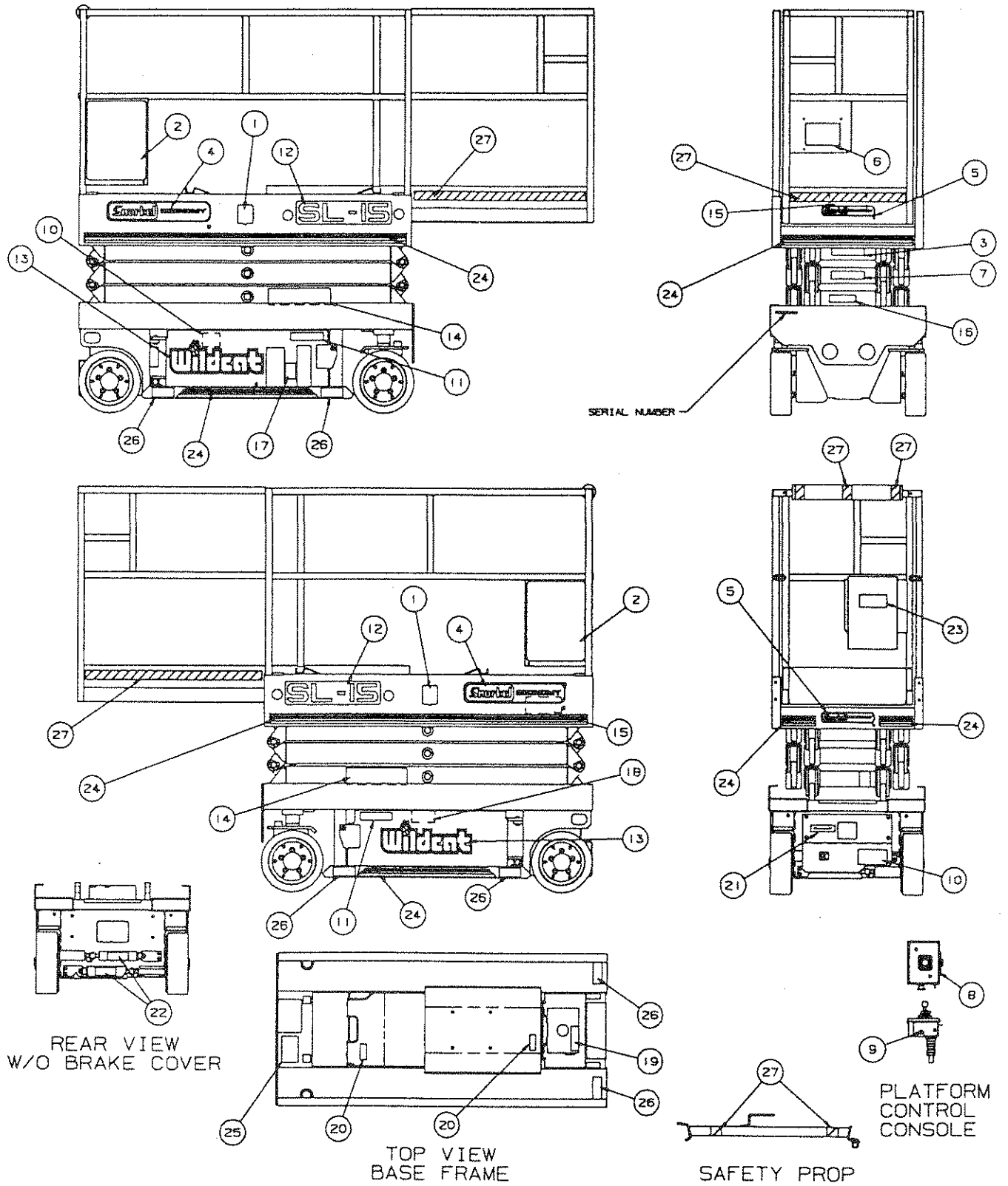
201.	3050023	BATTERY, 6 VOLT D.C. - 220 AMP/HR (EXIDE BATTERY)	4
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PLACARDS INSTALLATION

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
1.	0073585	DECAL, MADE IN USA	2
2.	480658	PLACARD, DANGER (WITH ALARM)	2
3.	300694	DECAL, ANSI STANDARDS	1
4.	300697	DECAL, SNORKEL-ECONOMY LOGO (20 INCH LONG)	2
5.	300698	DECAL, SNORKEL-ECONOMY LOGO (10 INCH LONG)	2
6.	300699	PLACARD, OPERATORS CHECKLIST	1
7.	300700	DECAL, BEWARE DESCENDING PLATFORM	1
8.	300702	PLACARD, PLATFORM CONTROL BOX TOP (JOYSTICK CONTROLLER)	1
9.	300703	PLACARD, PLATFORM CONTROL BOX FRONT	1
10.	300740	DECAL, BRAKE/FREE WHEELING VALVE	2
11.	300760	DECAL, CAUTION SWING-OUT TRAYS	2
12.	301370	DECAL, SL-15	2
13.	301456	DECAL, WILDCAT (18 INCH)	2
14.	301476	DECAL, SAFETY BAR	2
15.	301477	DECAL, PLATFORM CAPACITY	2
16.	301478	DECAL, EMERGENCY BLEED DOWN	1
17.	416836	DECAL, BATTERY CHARGER PLUG 115V ONLY	1
18.	451726	DECAL, BATTERY MAINTENANCE FLUID LEVEL	1
19.	451776	DECAL, HYDRAULIC FLUID LEVEL	1
20.	451986	DECAL, SWITCH WARNING	2
21.	467036	DECAL, FULL TANK	1
22.	475596	DECAL, CYLINDER DISASSEMBLY	2
23.	562426	DECAL, OPERATORS MANUAL ENCLOSED	1
24.	562586	MULTI-STRIPE, ORANGE - 2 INCH WIDE	230"
25.	969676	NAME PLATE, SERIAL NUMBER	1
26.	621486	DECAL, FORKLIFT	6
27.	969249	STRIPES, WARNING	134"

PLACARDS INSTALLATION



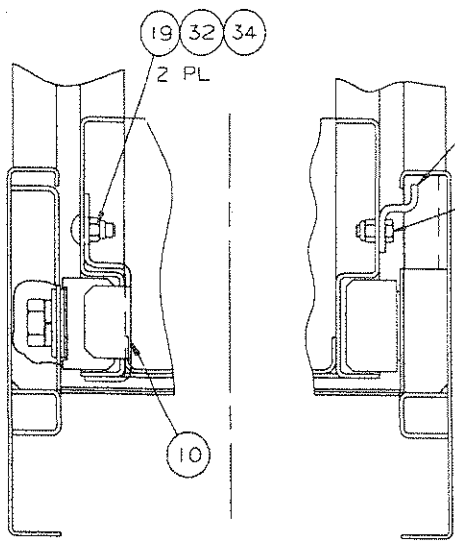
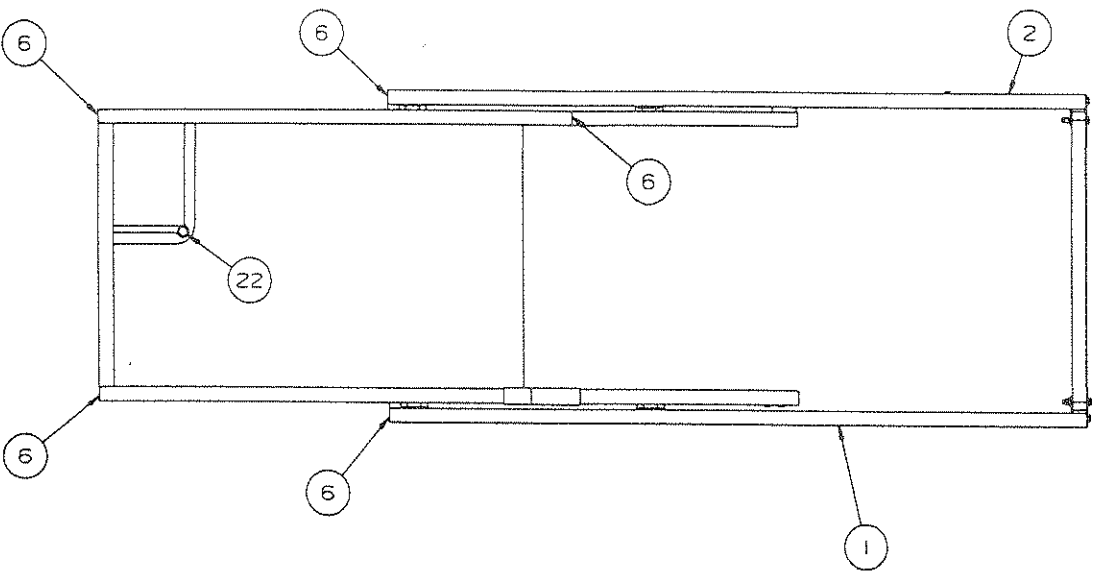


PLATFORM ASSEMBLY

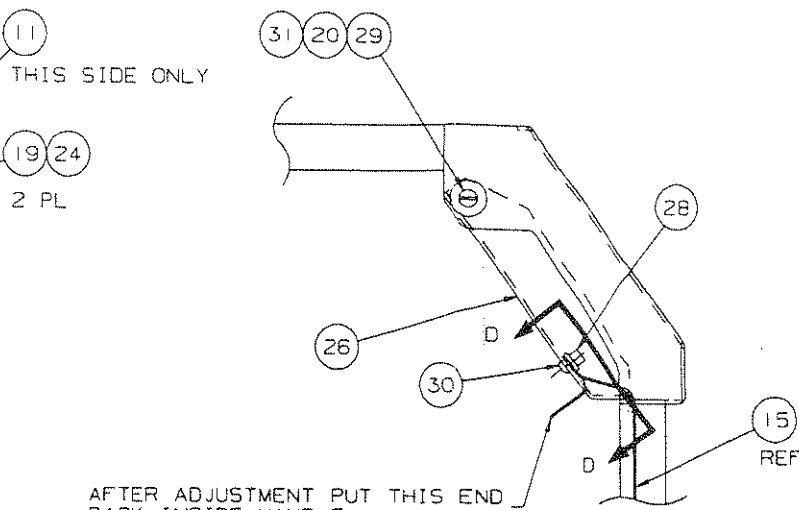
Item	Part No	Description	Req
0.	301681	Platform assembly, complete	1
1.	301672	Guard rail, left hand side	1
2.	301671	Guard rail, right hand side	1
3.	301673	Platform weldment	1
4.	301674	Extension deck	1
5.	302702	Paddle, rollout detent	1
6.	468886	End cap, square 1 1/4 inch plastic	7
7.	583326	Roller, extension deck	4
8.	301241	Angle bracket, decal plate	1
9.	301260	Cross rail	1
10.	301677	Detent stop	1
11.	301387	Guide	1
12.	592114	Slider mount	4
13.		Washer, flat 1 1/4 inch ID x 2 inch OD x 14 gauge thick	12
14.		Capscrew 1/4-20 x 3/4 inch long hex head grade 5	2
15.	302722	Cable assembly	1
16.	302723	Torsion spring	1
17.		Capscrew 3/8-16 x 2 1/4 inch long hex head grade 5	9
18.		Capscrew 3/4-16 x 1 3/4 inch long hex head grade 5	4
19.		Nut 3/8-16 self locking	15
20.		Nut 1/4-20 self locking	3
21.		Washer 3/4 medium lock	4
22.	438706	Tube cap	1
23.	583406	Plug, 2 inch diameter plastic	4
24.		Capscrew 3/8-16 x 1 inch long hex head grade 5	2
25.	986309	Washer, flat 3/4 inch ID x 1 7/8 inch OD x 11 gauge thick	8
26.	302717	Detent trigger	1
27.	2572009	Bushing	2
28.	5560278	Nut 5/16-18 propeller	1
29.		Capscrew 1/4-20 x 2 inch long round head slotted	1
30.	302306	Capscrew, flange 5/16-18 x 3/4 inch long	1
31.		Washer 1/4 medium flat	2
32.		Washer 5/16 medium flat	14
33.		Capscrew 3/8-16 x 3 1/2 inch long hex head grade 5	2
34.		Carriage bolt 3/8-16 x 1 inch long	2
35.	592144	Washer, special 3/4 inch zinc plate	4
36.		Machine screw #10-24 x 1 inch long	1
37.		Nut #10-24 medium lock	1

Following parts for entry chain only

101.	301682	Entry chain assembly	1
102.	301497	Threaded connector link	1

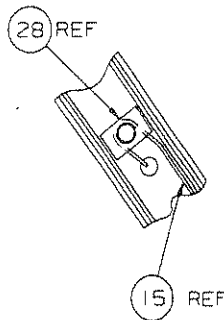


SECTION B-B



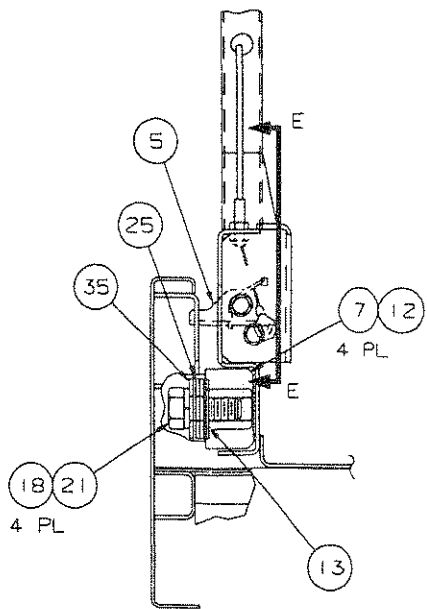
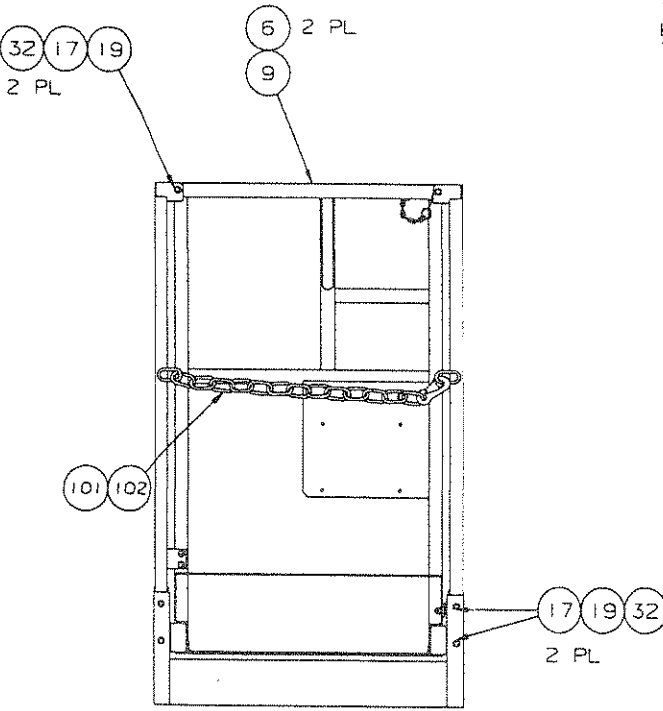
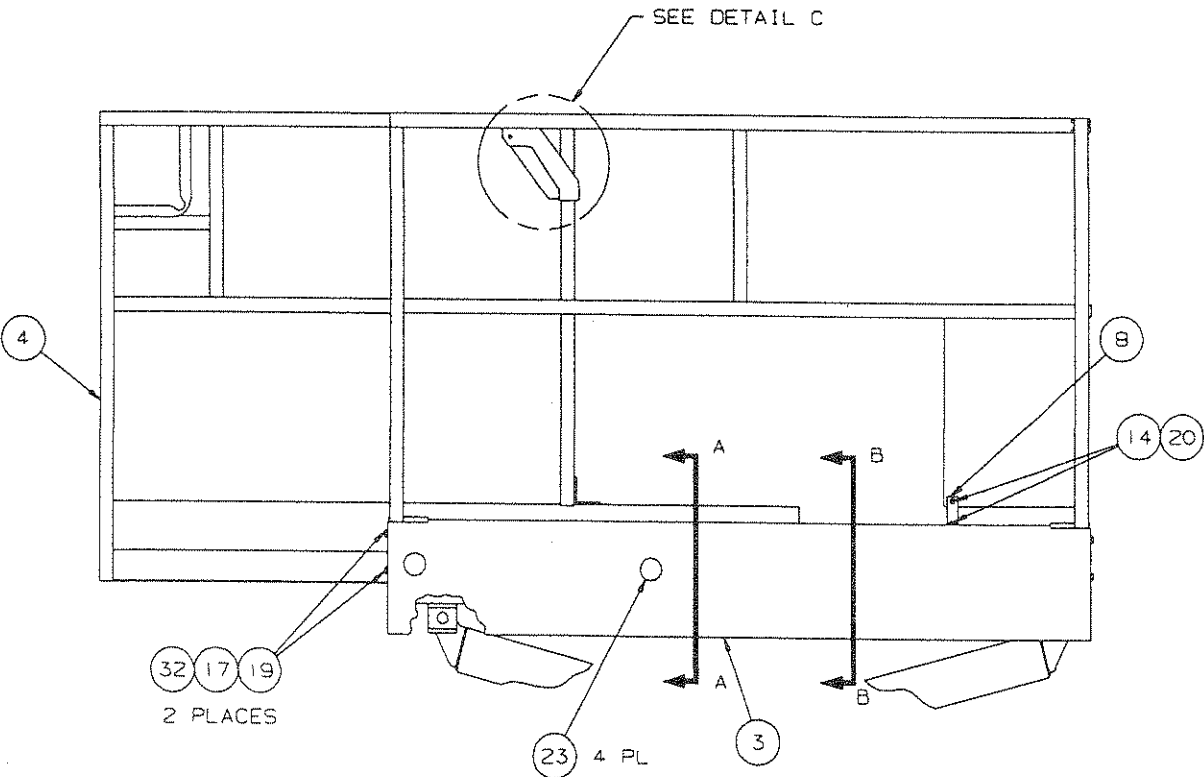
AFTER ADJUSTMENT PUT THIS END BACK INSIDE HANDLE

DETAIL C

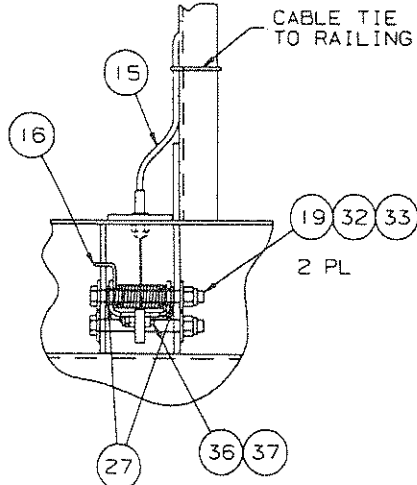


SECTION D-D

INSERT SCREW #30 AND ATTACH PROPELLER NUT #28
THREAD CABLE AROUND NUT AND FEED DOWN THRU
HOLE IN HANDLE. ADJUST PADDLE #5 (SEE SECT A-A)
TO HORIZONTAL POSITION WHEN HANDLE (ITEM 26)
IS IN POSITION SHOWN. TIGHTEN ITEM 30.



SECTION A-A



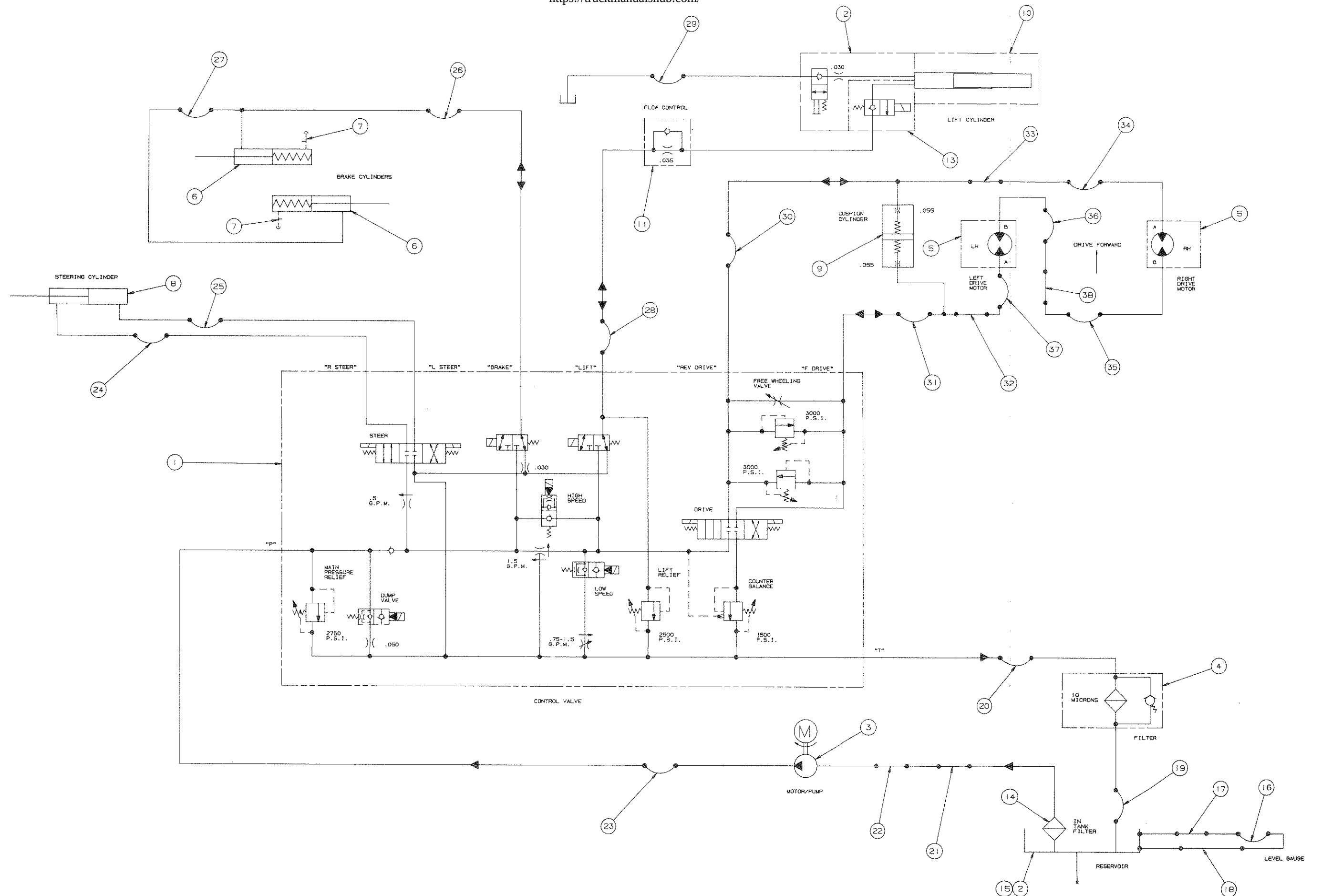
SECTION E-E

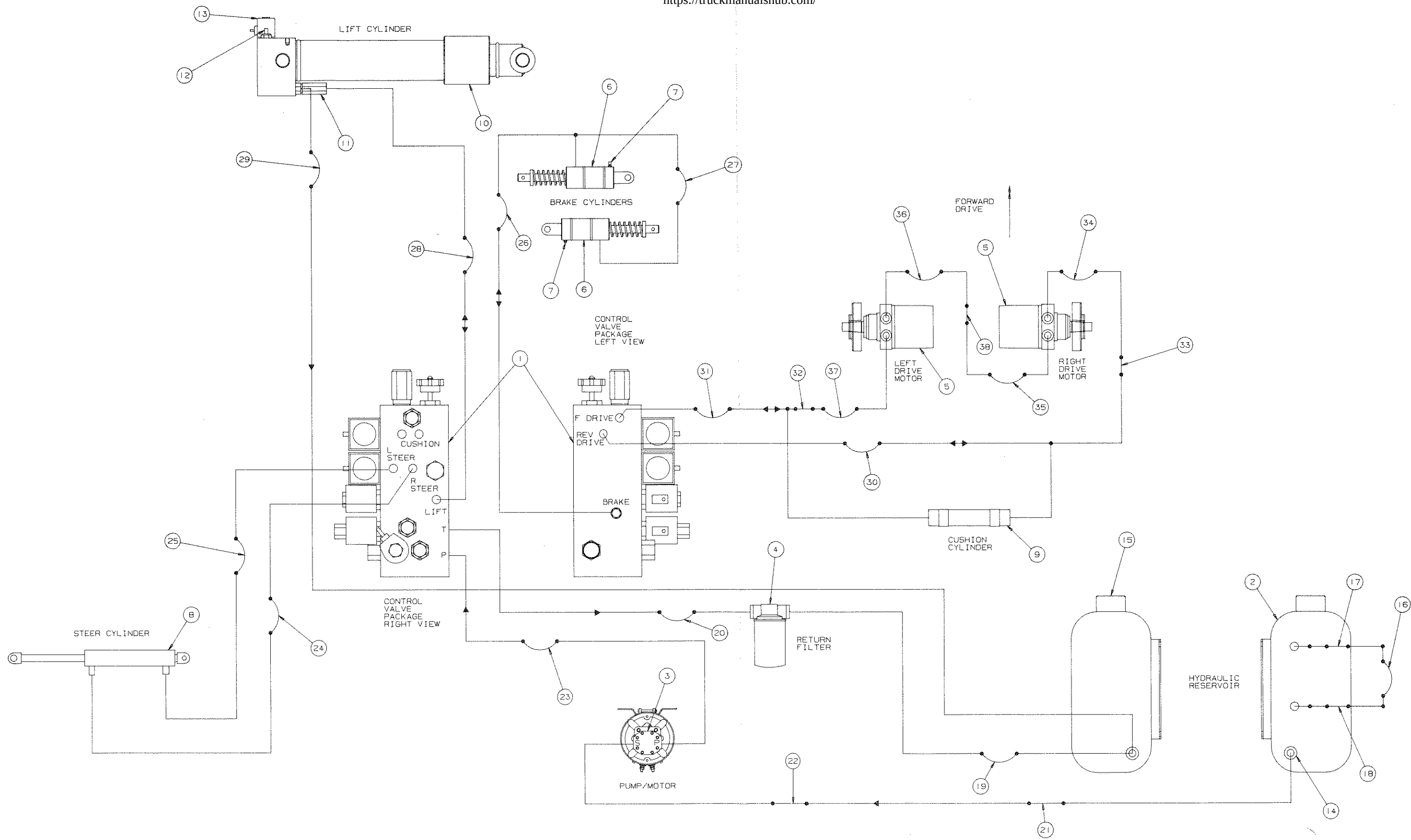
HYDRAULICS - SECTION 2 INDEX

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Control Valve Package, Parts List	Page 2 - 8
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Cylinder Assembly, Lift - GBI Manufacture	Page 2 - 11
Hydraulic Pictorial, Drawing	Page 2 - 4
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Lift Cylinder Cartridge Valve	Page 2 - 5

HYDRAULIC SCHEMATIC<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
1.	301434	CONTROL VALVE ASSEMBLY (COMPLETE)	1
	301430	CONTROL VALVE PACKAGE (SEE PAGE 2-9 FOR REPLACEMENT PARTS LISTING)	
2.	301219	HYDRAULIC OIL RESERVOIR	1
3.	6020069	HYDRAULIC PUMP	1
4.	301440	HYDRAULIC RETURN FILTER	1
	451896	REPLACEMENT FILTER ELEMENT	
5.	301433	HYDRAULIC DRIVE MOTOR	2
	301484	SEAL REPAIR KIT, WHITE HYDRAULICS MANUFACTURED MOTOR	
6.	590984	CYLINDER ASSEMBLY, BRAKES	2
7.	459336	BREATHER, WEATHERPROOF	2
8.	301473	CYLINDER ASSEMBLY, STEERING	1
9.	594184	CYLINDER ASSEMBLY, CUSHION	1
10.	301271	CYLINDER ASSEMBLY, LIFT	1
	301485	SEAL REPAIR KIT, GREAT BEND CYLINDER	
11.	257746	FLOW CONTROL CHECK VALVE (.035 DIAMETER ORIFICE)	1
12.	300657	MANUAL BLEED DOWN CARTRIDGE VALVE	1
13.	300719	LIFT CYLINDER CARTRIDGE VALVE	1
	6010533	SEAL REPAIR KIT, LIFT CYLINDER CARTRIDGE VALVE	
	6010509	REPLACEMENT 2 WAY CARTRIDGE VALVE	
	3040458	REPLACEMENT SOLENOID, 24 VOLT D.C.	
14.	300493	IN TANK FILTER, SUCTION 10 GPM	1
15.	300494	BREATHER CAP, HYDRAULIC OIL RESERVOIR	1
16.	300726	3/8 ID x 1/2 OD CLEAR TUBE x 10 1/2 INCH LONG	1
17.	301436	3/8 OD HYDRAULIC TUBE ASSEMBLY	1
18.	301436	3/8 OD HYDRAULIC TUBE ASSEMBLY	1
19.	0020271	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
20.	0020275	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
21.	301424	1/2 OD HYDRAULIC TUBE ASSEMBLY	1
22.	301426	1/2 OD HYDRAULIC TUBE ASSEMBLY	1
23.	0020273	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
24.	0070771	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
25.	0070771	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
26.	0050137	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
27.	0020283	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
28.	0101896	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
29.	0100271	1/4 ID HYDRAULIC HOSE ASSEMBLY	1
30.	0070764	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
31.	0020271	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
32.	301360	3/8 OD HYDRAULIC TUBE ASSEMBLY	1
33.	301360	3/8 OD HYDRAULIC TUBE ASSEMBLY	1
34.	301503	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
35.	301502	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
36.	301503	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
37.	301502	3/8 ID HYDRAULIC HOSE ASSEMBLY	1
38.	301359	3/8 OD HYDRAULIC TUBE ASSEMBLY	1

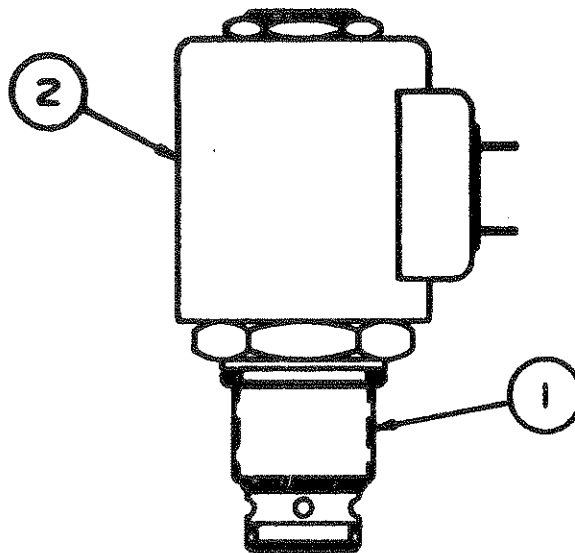




LIFT CYLINDER CARTRIDGE VALVE

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	300719	LIFT CYLINDER CARTRIDGE VALVE	1
	6010533	SEAL REPAIR KIT, LIFT CYLINDER CARTRIDGE VALVE	
1.	6010509	REPLACEMENT 2 WAY CARTRIDGE	1
2.	3040458	REPLACEMENT SOLENOID, 24 VOLT D.C.	1



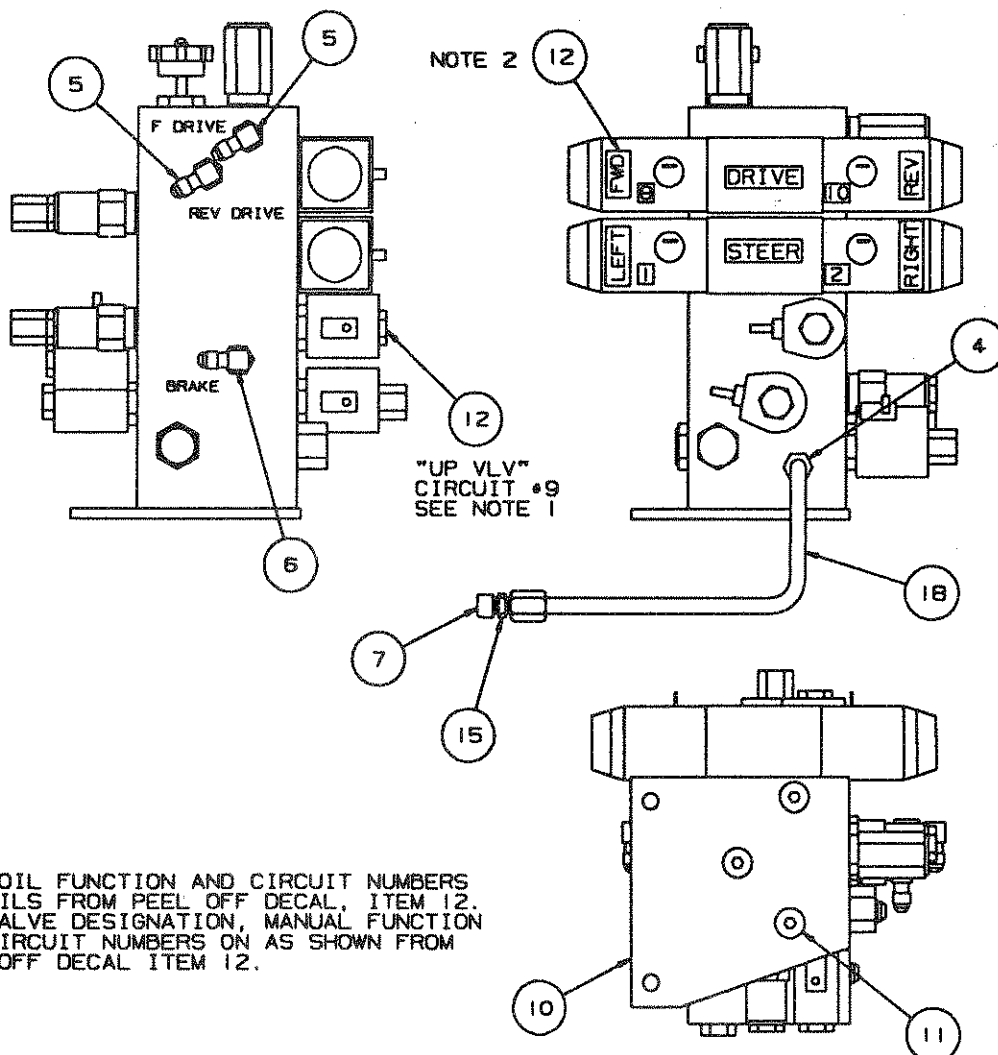
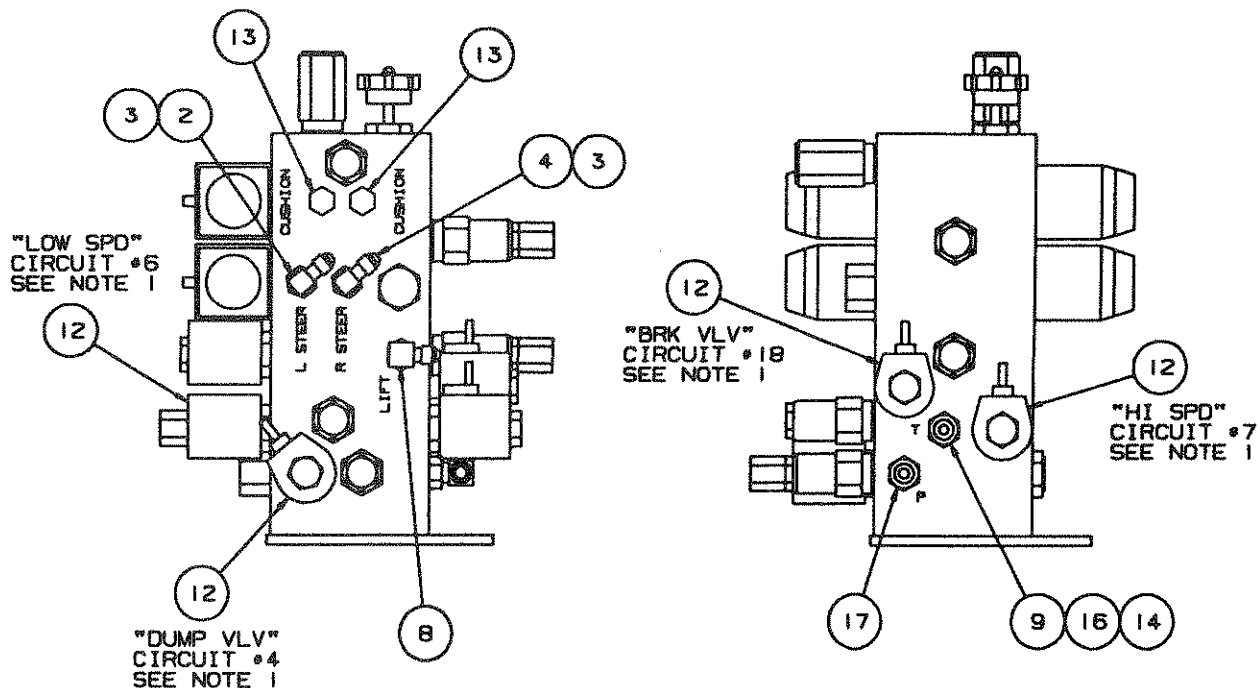
CONTROL VALVE ASSEMBLY

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	301434	CONTROL VALVE PACKAGE (COMPLETE)	1
1.	301430	CONTROL VALVE ASSEMBLY	1
2.	5065803	STRAIGHT THREAD LONG ADAPTER (-4)	1
3.	5037003	SWIVEL NUT 90° ELBOW (- 4)	2
4.	5065703	STRAIGHT THREAD ADAPTER (-4)	2
5.	5035305	STRAIGHT THREAD 90° ELBOW (-6)	2
6.	5035303	THRAIGHT THREAD 90° ELBOW (-4)	1
7.	5063701	CAP (-4)	1
8.	5035318	STRAIGHT THREAD 90° ELBOW (-6/-4)	1
9.	5065806	STRAIGHT THREAD LONG ADAPTER (-8)	1
10.	300661	BASE PLATE	1
11.	972559	CAPSCREW 3/8-16 x 1 LG FLAT HEAD SOCKET	3
12.	300732	DECAL SET, VALVE PACKAGE	1
13.	5075302	HEX HD PLUG (-4)	2
14.	5064003	REDUCER (-8/-6)	1
15.	5034802	UNION (-4)	1
16.	5063906	NUT (-8)	1
17.	5065707	STRAIGHT THREAD ADAPTER (-6)	1
18.	0070908	1/4 ID HYDRAULIC HOSE ASSEMBLY	1

CONTROL VALVE ASSEMBLY

<https://truckmanualshub.com/>

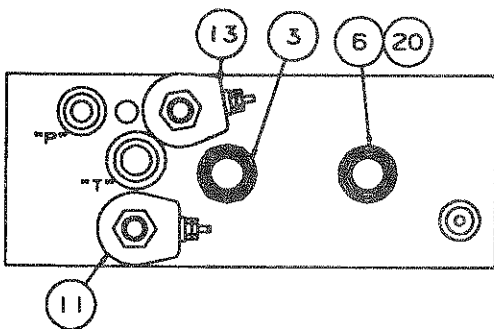
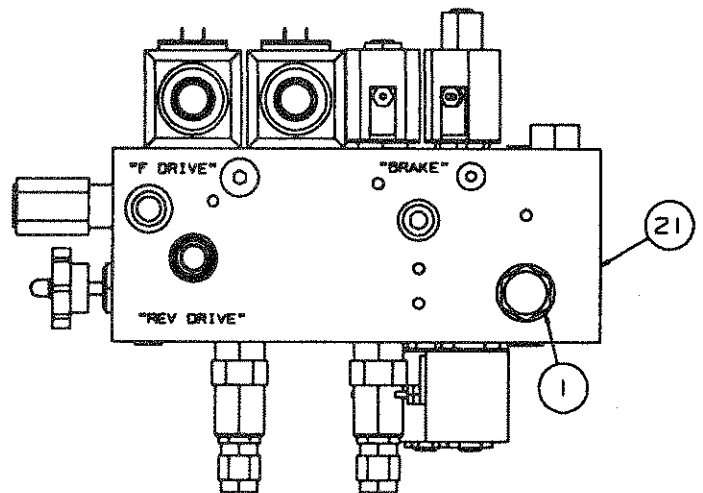
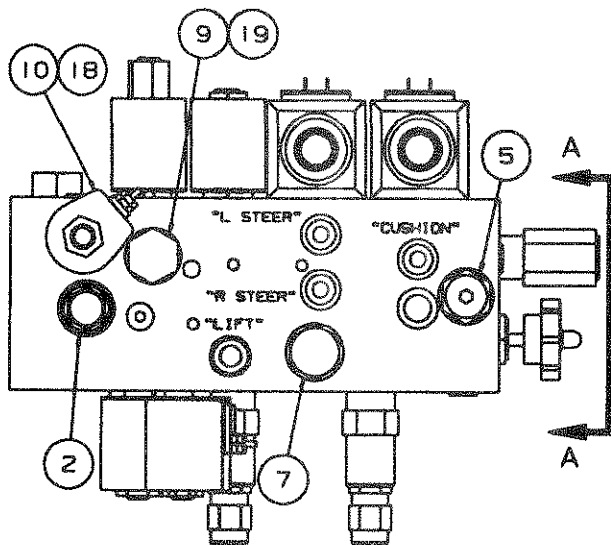
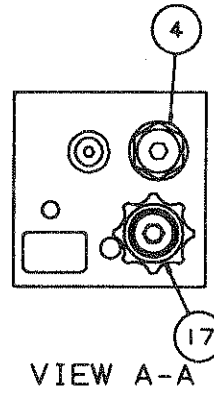
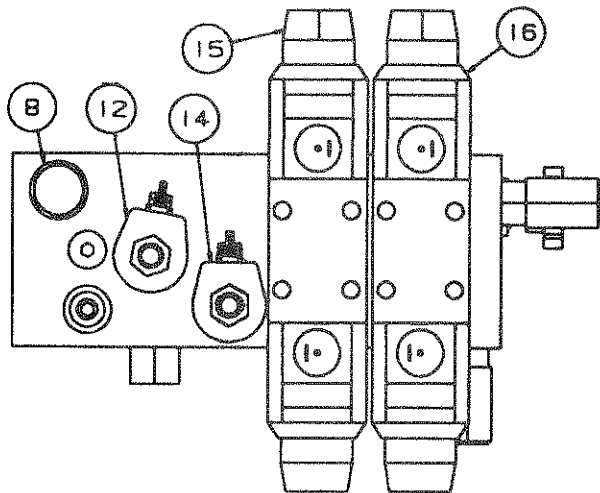


NOTES:

1. PUT COIL FUNCTION AND CIRCUIT NUMBERS ON COILS FROM PEEL OFF DECAL, ITEM 12.
2. PUT VALVE DESIGNATION, MANUAL FUNCTION AND CIRCUIT NUMBERS ON AS SHOWN FROM PEEL OFF DECAL ITEM 12.

CONTROL VALVE PACKAGE<https://truckmanualshub.com/>

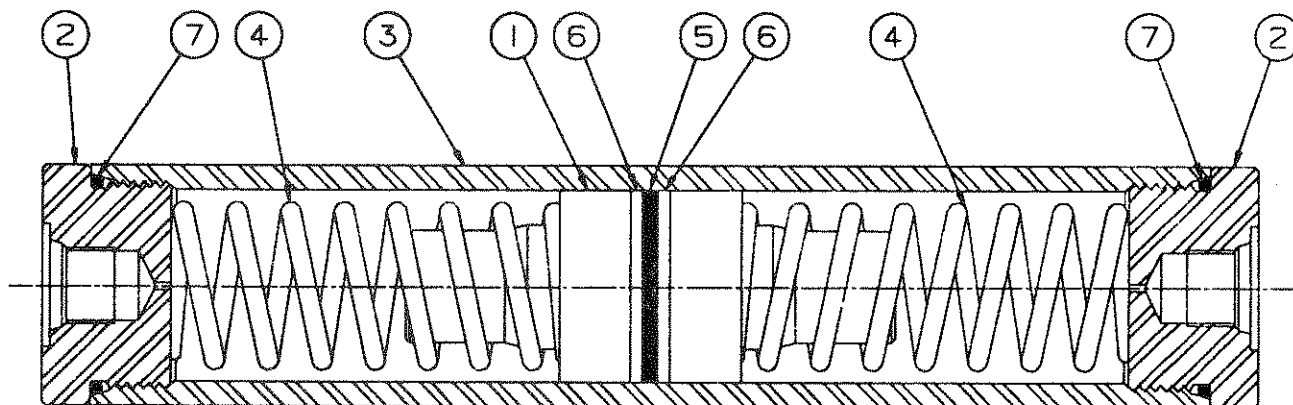
ITEM	PART NO	DESCRIPTION	REQ
0.	301430	CONTROL VALVE PACKAGE, (COMPLETE)	1
		VICKERS #MCD-4245	
1.	6010719	CHECK VALVE CARTRIDGE	1
	6010533	SEAL REPAIR KIT, CHECK VALVE CARTRIDGE	
2.	6010779	RELIEF VALVE CARTRIDGE, MAIN PRESSURE	1
	6010533	SEAL REPAIR KIT, RELIEF VALVE CARTRIDGE	
3.	6010780	RELIEF VALVE CARTRIDGE, LIFT	1
	6010533	SEAL REPAIR KIT, RELIEF VALVE CARTRIDGE	
4.	6010781	RELIEF VALVE CARTRIDGE, DRIVE - FORWARD	1
	6010533	SEAL REPAIR KIT, RELIEF VALVE CARTRIDGE	
5.	6010781	RELIEF VALVE CARTRIDGE, DRIVE - REVERSE	1
	6010533	SEAL REPAIR KIT, RELIEF VALVE CARTRIDGE	
6.	6010782	RELIEF VALVE CARTRIDGE, COUNTERBALANCE	1
	6010533	SEAL REPAIR KIT, RELIEF VALVE CARTRIDGE	
7.	6010816	FLOW CONTROL CARTRIDGE, STEER	1
	6010533	SEAL REPAIR KIT, FLOW CONTROL CARTRIDGE	
8.	6010815	FLOW CONTROL CARTRIDGE, PRIORITY	1
	6010533	SEAL REPAIR KIT, FLOW CONTROL CARTRIDGE	
9.	301501	FLOW CONTROL CARTRIDGE, LOW SPEED DUMP	1
	6010533	SEAL REPAIR KIT, FLOW CONTROL CARTRIDGE	
10.	6010787	SOLENOID CARTRIDGE VALVE, LOAD DUMP	1
	6010788	REPLACEMENT CARTRIDGE	
	3040554	REPLACEMENT SOLENOID, 24 VOLT DC	
	6010535	SEAL REPAIR KIT, SOLENOID VALVE	
11.	6010789	SOLENOID CARTRIDGE VALVE, HI SPEED	1
	6010790	REPLACEMENT CARTRIDGE	
	3040554	REPLACEMENT SOLENOID, 24 VOLT DC	
	6010535	SEAL REPAIR KIT, SOLENOID VALVE	
12.	6010787	SOLENOID CARTRIDGE VALVE, LOW SPEED	1
	6010788	REPLACEMENT CARTRIDGE	
	3040554	REPLACEMENT SOLENOID, 24 VOLT DC	
	6010535	SEAL REPAIR KIT, SOLENOID VALVE	
13.	6010717	SOLENOID CARTRIDGE VALVE, BRAKE	1
	6010707	REPLACEMENT CARTRIDGE	
	3040608	REPLACEMENT SOLENOID, 20 VOLT DC	
	6010537	SEAL REPAIR KIT, SOLENOID VALVE	
14.	6010717	SOLENOID CARTRIDGE VALVE, LIFT	1
	6010707	REPLACEMENT CARTRIDGE	
	3040554	REPLACEMENT SOLENOID, 24 VOLT DC	
	6010537	SEAL REPAIR KIT, SOLENOID VALVE	
15.	6010715	SOLENOID CONTROL VALVE, STEER	1
	3040552	REPLACEMENT SOLENOID, 24 VOLT DC	
16.	6010715	SOLENOID CONTROL VALVE, DRIVE	1
	3040552	REPLACEMENT SOLENOID, 24 VOLT DC	
17.	6010292	NEEDLE VALVE ASSEMBLY, TOWING	1
	0150567	SEAL REPAIR KIT, NEEDLE VALVE	
18.	6010812	ORIFICE DISC (.050 DIAMETER), LOAD DUMP	1
19.	6010813	ORIFICE DISC (.030 DIAMETER), BRAKE	1
20.	6010792	PISTON, COUNTERBALANCE PILOT	1
21.		MANIFOLD BODY WITH PLUGS	1



CYLINDER ASSEMBLY, CUSHION

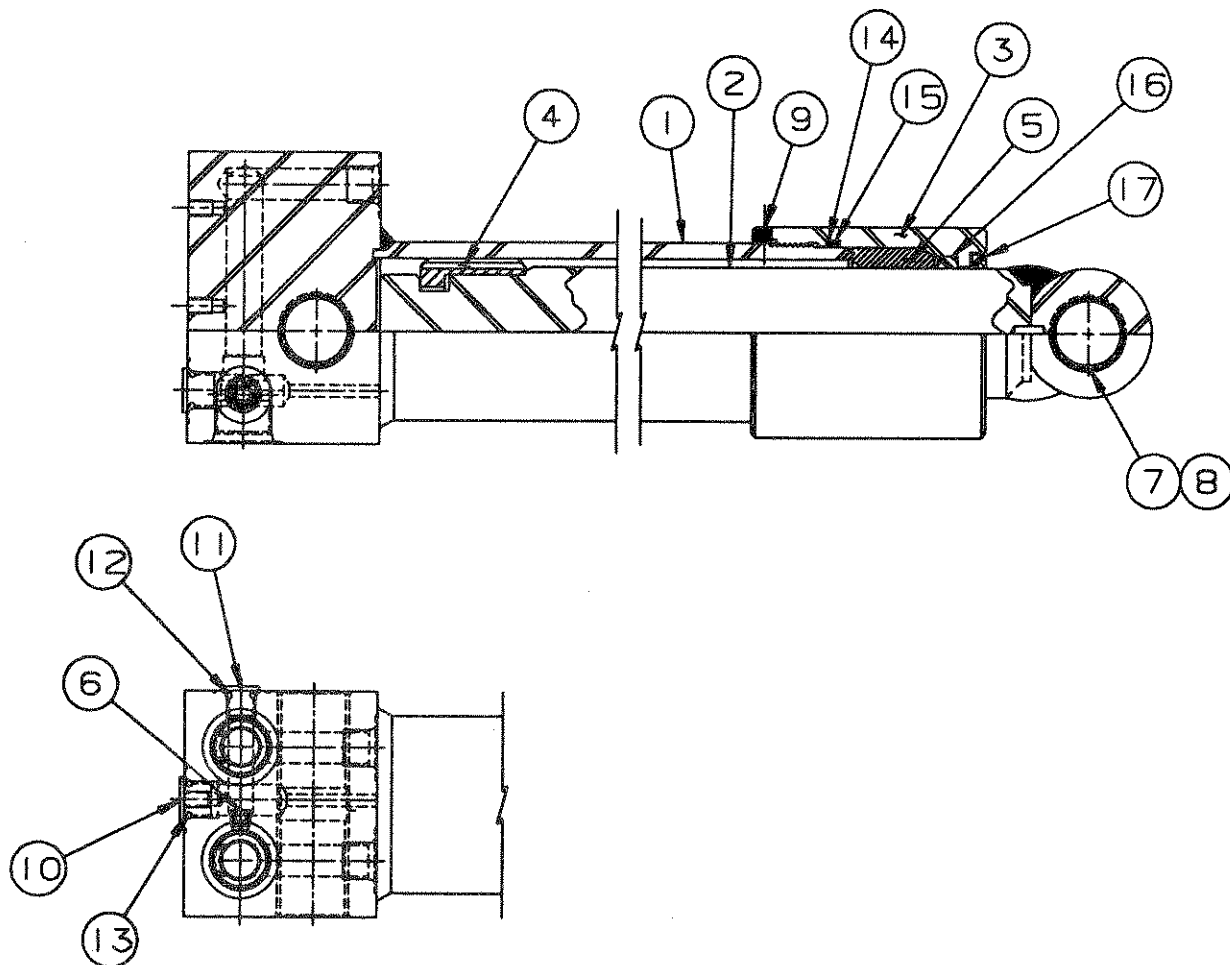
<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	594184	CYLINDER ASSEMBLY, CUSHION	1
		GREEN MANUFACTURING #600-E-3033	
	475144	SEAL REPAIR KIT, CUSHION CYLINDER (ITEMS 5-7)	
1.	594164	PISTON	1
2.	594174	END CAP	2
3.	609034	CYLINDER TUBE	1
4.	463916	COMPRESSION SPRING	2
5.	474736	O-RING, PARKER DASH-218	1
6.	474776	BACK-UP RING, HALOGEN #2727-23	2
7.	621736	O-RING, AEROQUIP #22617-20 BUNA-N	2



CYLINDER ASSEMBLY, LIFT GBI MANUFACTURE

ITEM	PART NO	DESCRIPTION	REQ
0.	301271	CYLINDER ASSEMBLY, LIFT	1
		GREAT BEND INDUSTRIES #13991	
	301485	SEAL REPAIR KIT, LIFT CYLINDER (ITEMS 12-17)	
1.		TUBE ASSEMBLY, GBI #211723	1
2.		ROD ASSEMBLY, GBI #211726	1
3.		RETAINER, GBI #211728	1
4.		PISTON, GBI #211729	1
5.		BUSHING, GBI #211730	1
6.		ORIFICED PIPE PLUG, GBI #211710	1
7.	2501624	BEARING, GARLOCK #16DU24	4
8.		BEARING SPACER, GBI #211732	2
9.		SET SCREW 1/4-20 x 1/4 LG SOCKET HEAD	1
10.		PORT PLUG, GBI #30248	1
11.		PORT PLUG, GBI #31151	1
12.	7119904	O-RING, PARKER #3-904-N552-9	1
13.	7119906	O-RING, PARKER #3-906-N552-9	1
14.	7140131	BACK-UP, GBI #34614	1
15.	7110231	O-RING, PARKER #2-231	1
16.	7140128	ROD SEAL, HALLITE 605 SERIES #434640	1
17.	7130076	ROD WIPER, NOK #AR2908-EO	1





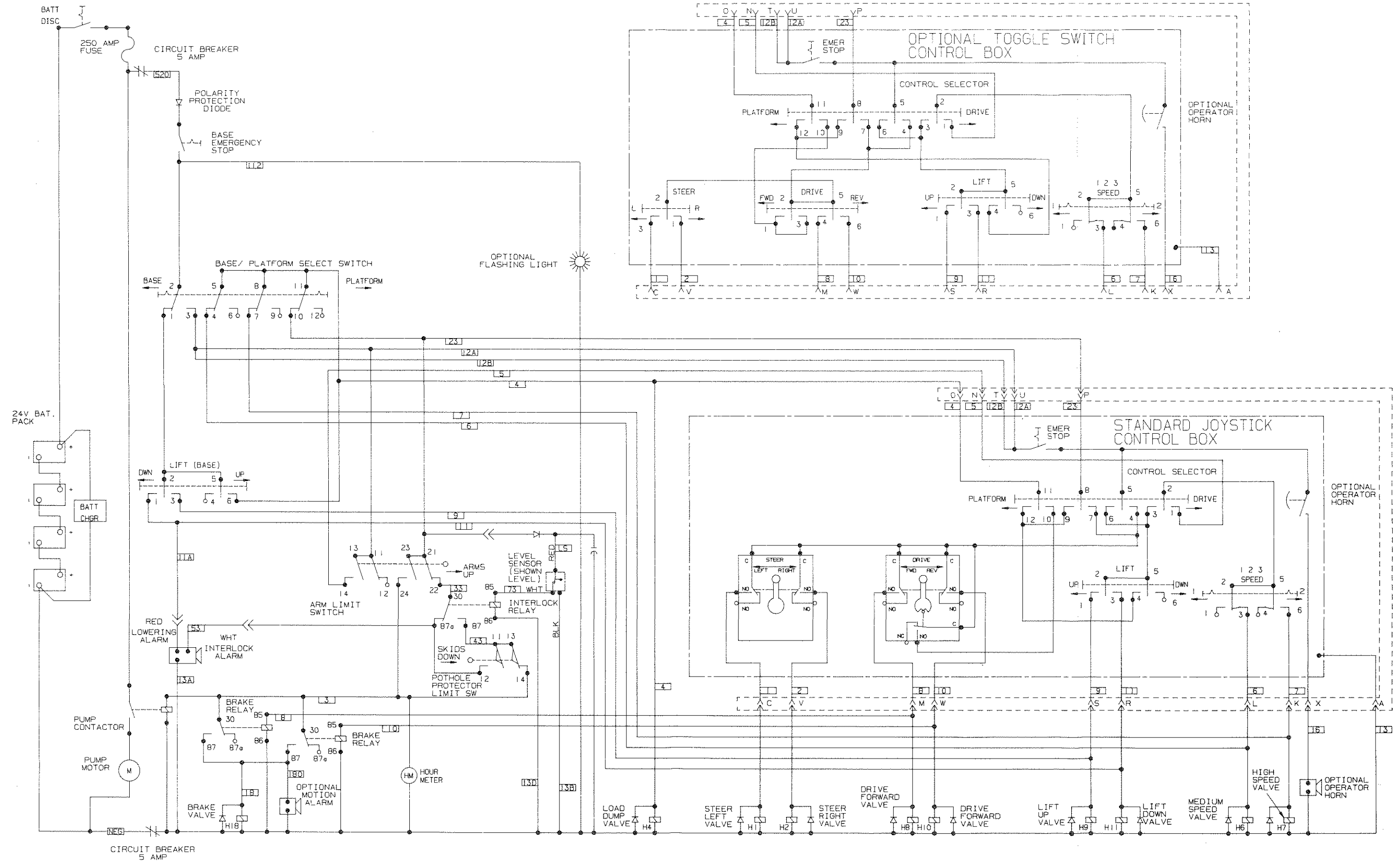
ELECTRICAL - SECTION 3 INDEX

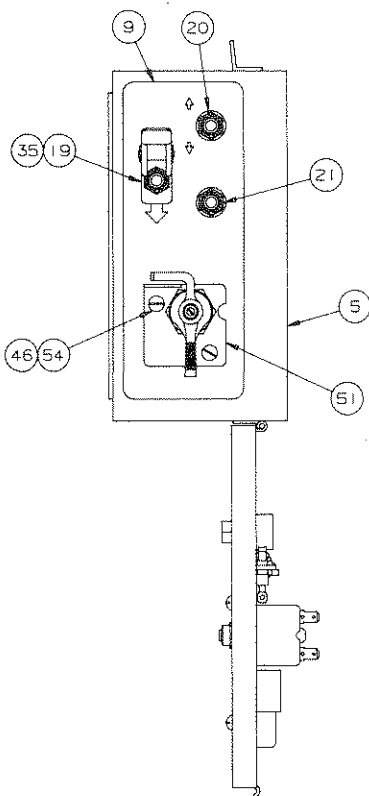
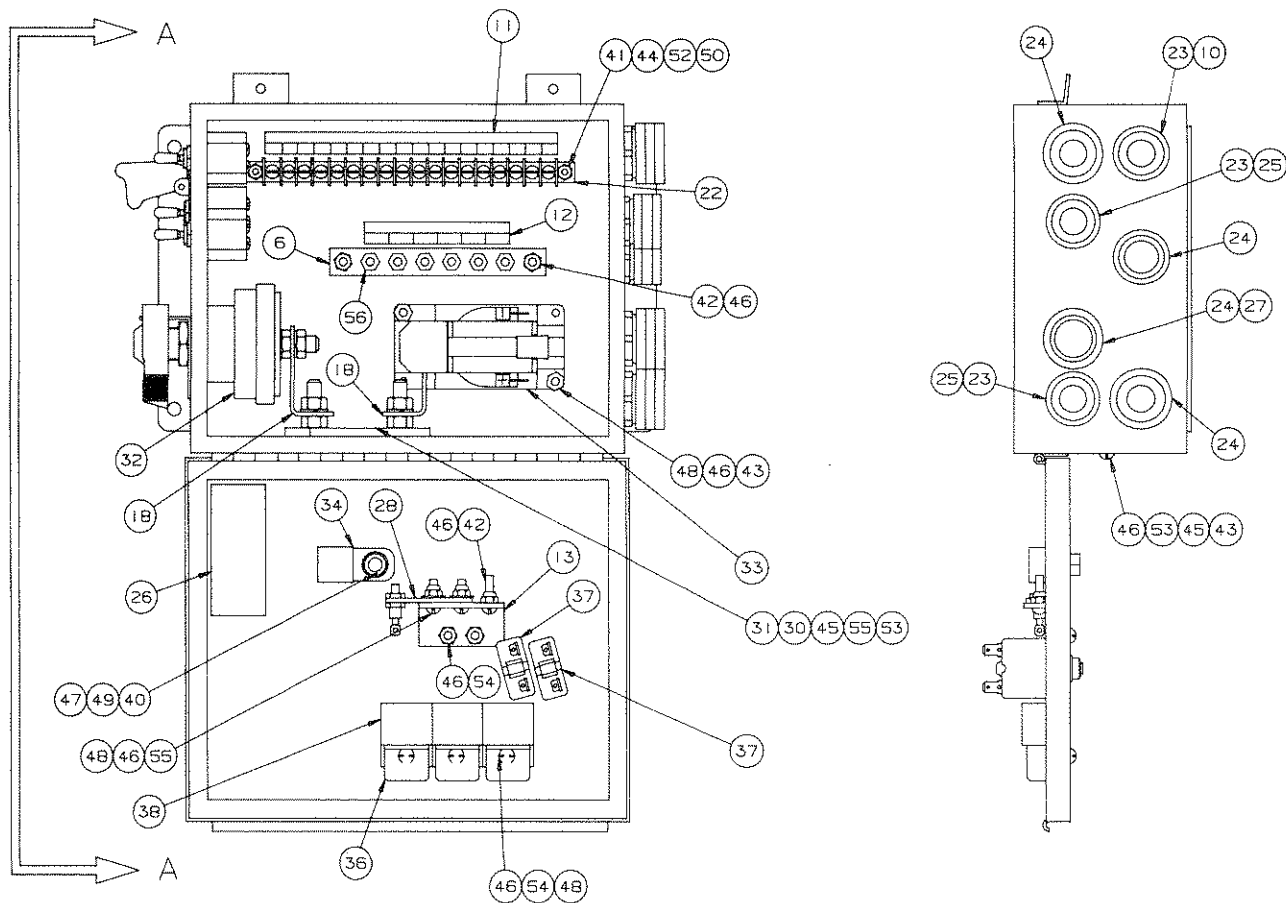
Electrical Wiring Schematic	Page 3 - 3
Ground Control Box Assembly, Drawing	Page 3 - 4
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Ground Control Box Assembly, Parts List	Page 3 - 6
Joystick Control Box Assembly, Drawing	Page 3 - 9
Joystick Control Box Assembly, Parts List	Page 3 - 8
Joystick Controller, Drawing	Page 3 - 15
Joystick Controller, Parts List	Page 3 - 14
Limit Switch Assembly, Platform Elevation	Page 3 - 12
Limit Switch Assembly, Pothole Interlock	Page 3 - 7
Tilt Alarm Sensor Assembly	Page 3 - 13
Toggle Switch Control Box Assembly, Drawing	Page 3 - 11
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WIRING CODE AND FUNCTION

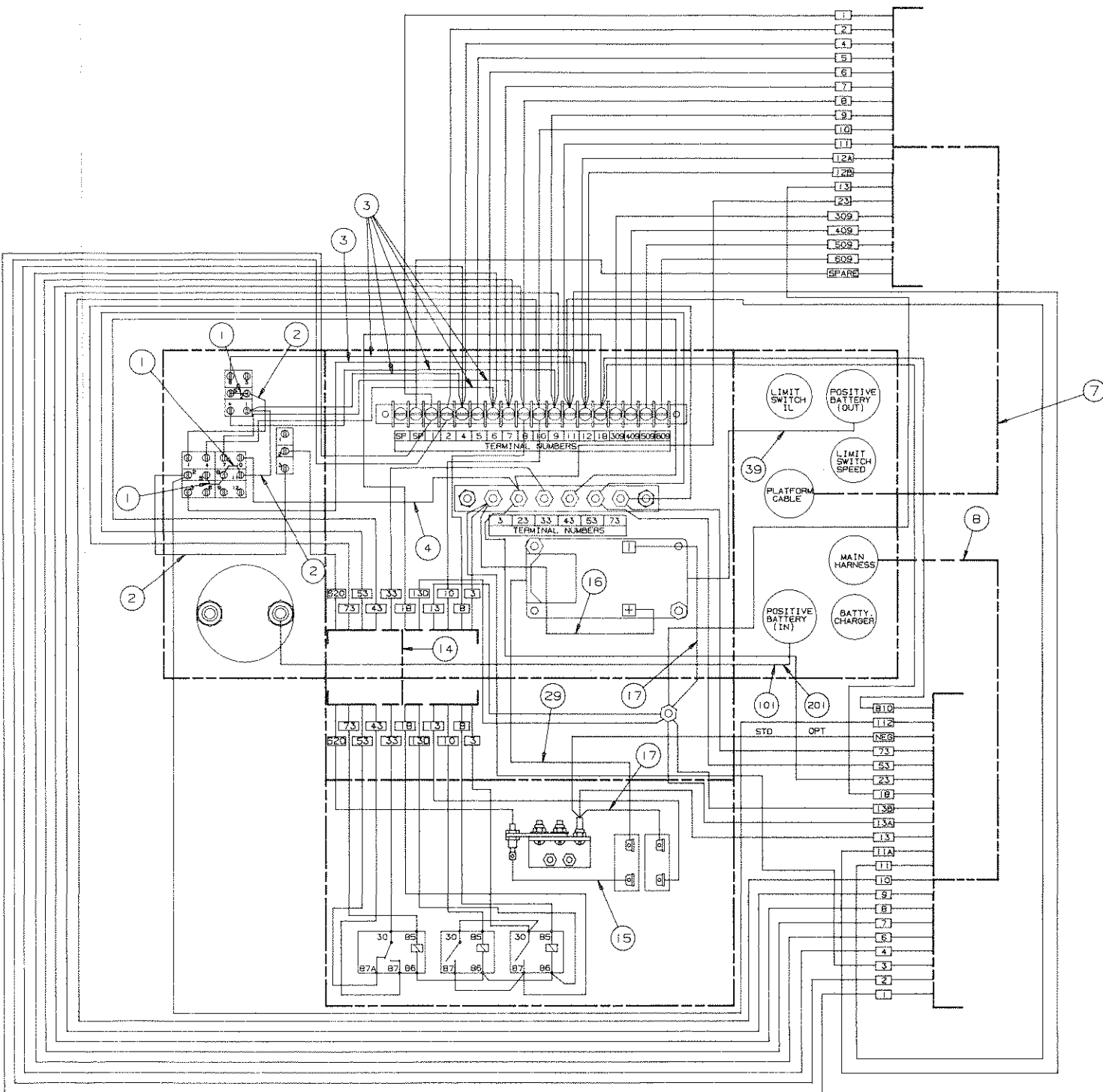
<http://www.manualshub.com/>

WIRE NO.	DESCRIPTION
1.	STEER - LEFT
2.	STEER - RIGHT
3.	HOUR METER
4.	DUMP VALVE
5.	HI SPEED DRIVE - (PLATFORM DOWN)
6.	LOW SPEED DUMP VALVE
7.	MEDIUM SPEED FLOW BY-PASS
8.	DRIVE - FORWARD
9.	LIFT - UP
10.	DRIVE - REVERSE
11.	LIFT - DOWN
11A.	LOWER ALARM
12A.	MAIN POWER, 24 VOLT D.C.
12B.	MAIN POWER, 24 VOLT D.C.
13.	GROUND CIRCUIT
13A.	GROUND TO LOWER ALARM AND TILT ALARM
13B.	GROUND TO TILT SENSOR
13D.	GROUND FOR RELAYS
16.	OPERATORS HORN IN PLATFORM - (OPTIONAL ITEM)
18.	BRAKE RELEASE
23.	PUMP SIGNAL/POWER TO TILT SENSOR
33.	POWER TO INTERLOCK RELAY
43.	POWER TO INTERLOCK SWITCH
53.	TILT ALARM
73.	TILT SIGNAL
112.	MOTION LIGHT - (OPTIONAL ITEM)
520.	POWER TO EMERGENCY STOP AT GROUND CONTROLS
810.	MOTION ALARM - (OPTIONAL ITEM)





VIEW A-A



GROUND CONTROL BOX ASSEMBLY

ITEM	PART NO	DESCRIPTION	REQ
0.	301438	GROUND CONTROL BOX ASSEMBLY (STANDARD ELECTRICAL SYSTEM)	1
	301457	GROUND CONTROL BOX ASSEMBLY (OPTIONAL QUICK DISCONNECT ELECTRICAL SYSTEM)	1
1.	0060373	JUMPER STRAP	3
2.	0070747	JUMPER WIRE	3
3.	0181028	WIRE	3
4.	0240483	JUMPER	6
5.	301425	BOX, ELECTRICAL ENCLOSURE	1
6.	3044721	TERMINAL STRIP 6 CIRCUIT #10 STUD	1
7.	300849	CONTROL WIRE ASSEMBLY	1
8.	301458	WIRE ASSEMBLY, MAIN HARNESS	1
9.	301348	PLACARD, GROUND CONTROL STATION	1
10.	3040187	CONNECTOR, APPLETON #CG-3150	1
11.	300730	DECAL, TERMINAL NUMBERS	1
12.	300731	DECAL, TERMINAL NUMBERS (STRIP)	1
13.	301439	DIODE HOLDER ANGLE	1
14.	300734	WIRE ASSEMBLY, INTERNAL HARNESS	1
15.	300869	DIODE ASSEMBLY	1
16.	300736	WIRE ASSEMBLY	1
17.	300737	WIRE ASSEMBLY	2
18.	300738	BUS BAR	2
19.	3020013	SWITCH, SPST TOGGLE	1
20.	3020018	SWITCH, DPDT TOGGLE	1
21.	3020048	SWITCH, 4PDT TOGGLE	1
22.	3040057	TERMINAL STRIP, 18 CIRCUIT SLIP-ON	1
23.	3040070	LOCKNUT, APPLETON #BL-50	3
24.	3040110	LOCKNUT, APPLETON #BL-75	4
25.	3040115	CONNECTOR, APPLETON #CG-3750	2
26.	0070967	CORROSION INHIBITOR	1
27.	3040295	CONNECTOR, APPLETON #CG-6275	1
28.	301459	HEAT SINK	1
29.	300870	WIRE ASSEMBLY	1
30.	446076	FUSE, 250 AMP BUSS #ANL 250	1
31.	446086	FUSE BLOCK	1
32.	452046	SWITCH, BATTERY DISCONNECT	1
33.	465026	PUMP CONTACTOR	1
34.	5093004	CLAMP, AEROQUIP #900729-4	1
35.	562236	SWITCH GUARD	1
36.	562846	RELAY, 24 VOLT DC	3
37.	582206	CIRCUIT BREAKER, 5 AMP CAPACITY	2
38.	584486	RELAY HOLDER	3
39.	301460	CABLE ASSEMBLY	1
40.	970239	CAPSCREW 5/16-18 x 3/4 LG HEX HD GR 5	1
41.	974129	MACHINE SCREW #6-32 x 3/4 LG PAN HD	2
42.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HD	3
43.	974709	MACHINE SCREW #10-24 x 1 LG ROUND HD	3
44.	984009	NUT #6-32 HEX	2
45.	984049	NUT #10-24 HEX	3

GROUND CONTROL BOX ASSEMBLY

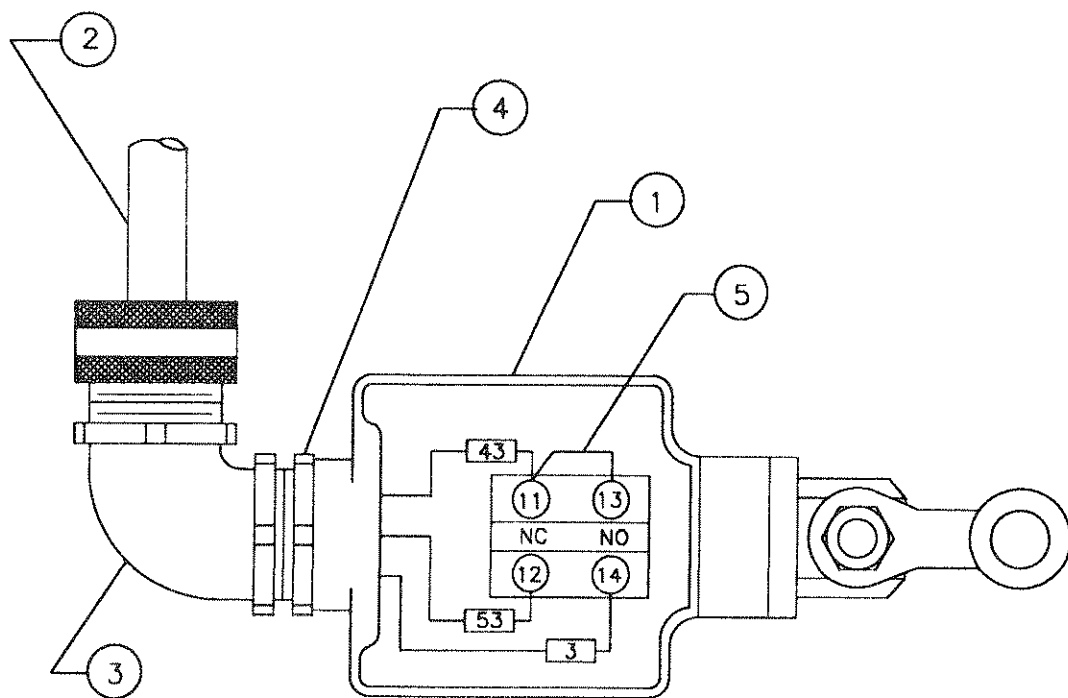
ITEM	PART NO	DESCRIPTION	REQ
46.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	15
47.	5560031	SELF LOCKING NUT 5/16-18 ESNA # 22NE-058	1
48.	986009	WASHER #10 MEDIUM FLAT	7
49.	986029	WASHER 5/16 MEDIUM FLAT	1
50.	986159	WASHER #6 MEDIUM FLAT	3
51.	300840	LOCK-OUT LEVER ASSEMBLY	1
52.	987349	WASHER #6 MEDIUM LOCK	2
53.	987359	WASHER #10 LOCK - SHAKEPROOF	3
54.	974659	MACHINE SCREW #10-24 x 1/2 LG ROUND HD	7
55.	974679	MACHINE SCREW #10-24 x 5/8 LG ROUND HD	4
56.	5560038	SELF LOCKING NUT #10-32 ESNA #22NM-02	6

CABLE ASSEMBLY

101.	301462	CABLE ASSEMBLY, BATTERY POSITIVE (STANDARD ELECTRICAL SYSTEM)	1
201.	301461	CABLE ASSEMBLY, QUICK DISCONNECT (OPTIONAL QUICK DISCONNECT ELECTRICAL SYSTEM)	1

LIMIT SWITCH ASSEMBLY, POTHOLE INTERLOCK

ITEM	PART NO	DESCRIPTION	REQ
0.	301404	LIMIT SWITCH ASSEMBLY, POTHOLE INTERLOCK (COMPLETE)	1
1.	3020079	LIMIT SWITCH	1
2.	301423	WIRE ASSEMBLY	1
3.	3040358	CONNECTOR 90°, APPLETON #CG90-2550	1
4.	3040070	LOCKNUT, APPLETON #BL-50	1
5.	3011601	WIRE, 16 GAUGE SINGLE CONDUCTOR x 2 INCH LONG	1



JOYSTICK CONTROL BOX ASSEMBLY

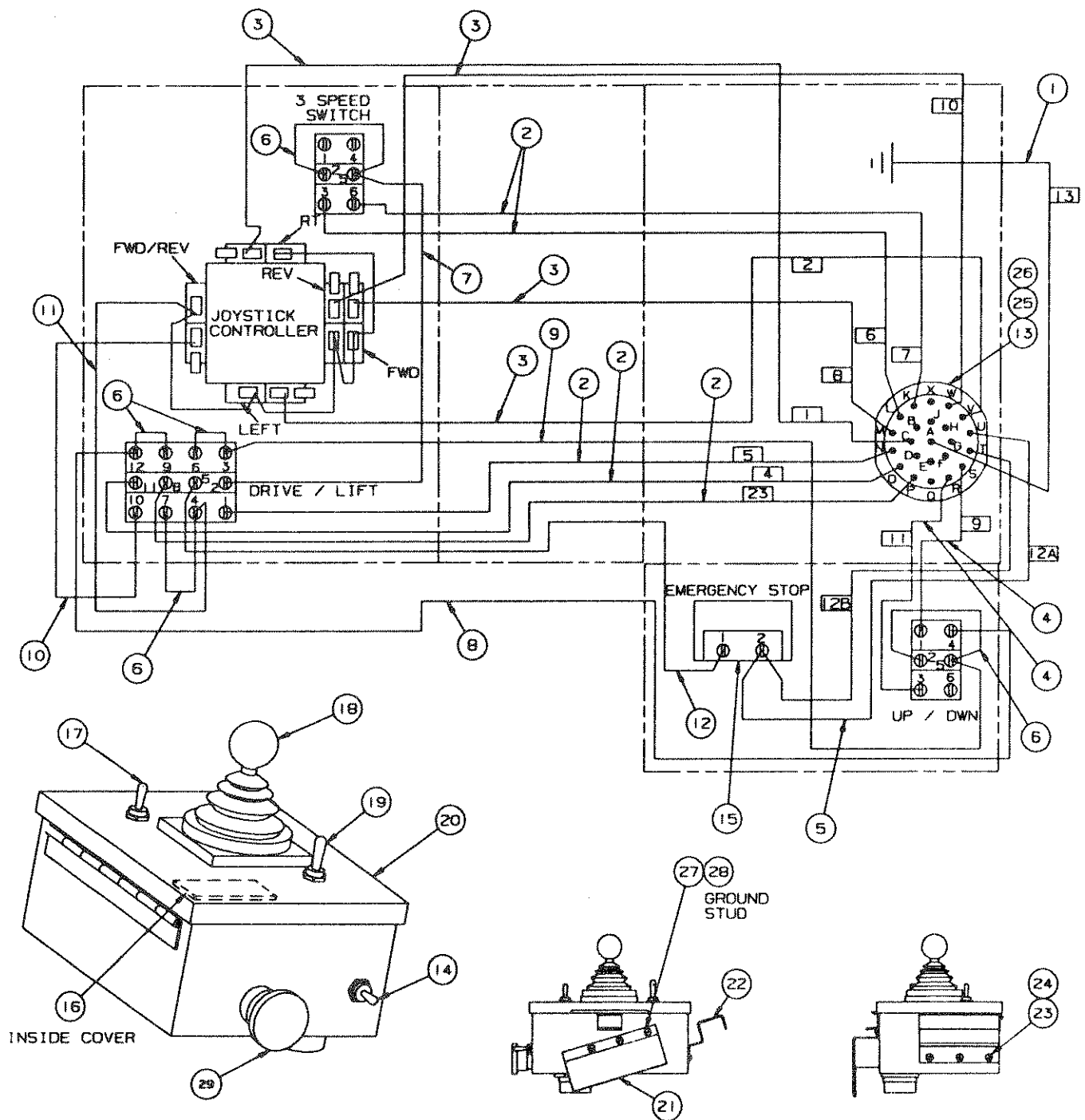
<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	300581	JOYSTICK CONTROL BOX ASSEMBLY, STANDARD	1
	300871	JOYSTICK CONTROL BOX ASSEMBLY, EE RATED	1
1.	300604	JUMPER WIRE	1
2.	300605	JUMPER WIRE	5
3.	300606	JUMPER WIRE	4
4.	300607	JUMPER WIRE	2
5.	300608	JUMPER WIRE	1
6.	0060373	JUMPER STRAP	5
7.	0070746	JUMPER WIRE	1
8.	300611	JUMPER WIRE	1
9.	0070753	JUMPER WIRE	1
10.	300612	JUMPER WIRE	1
11.	300613	JUMPER WIRE	1
12.	300614	JUMPER WIRE	1
13.	3040338	CONNECTOR, DEUTSCH #HD34-24-23-PN	1
14.	3020018	SWITCH, DPDT TOGGLE	1
15.	446826	CONTACT BLOCK	1
16.	0070967	CORROSION INHIBITOR	1
17.	3020089	SWITCH, DPDT TOGGLE	1
18.	300579	JOYSTICK CONTROLLER	1
19.	300563	SWITCH, DPDT TOGGLE	1
20.	300552	CONTROL BOX WELDMENT	1
21.	300549	CHANNEL, CONTROL BOX MOUNT	1
22.	300550	CHANNEL, CONTROL BOX MOUNT	1
23.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	5
24.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HD	6
25.	3040098	PANEL NUT #24, DEUTSCH #112263-90	1
26.	3040099	LOCK WASHER #24, DEUTSCH #112264	1
27.	984049	NUT #10-24 HEX	1
28.	987359	WASHER #10 MEDIUM LOCK	1
29.	300601	PLUG, DEUTSCH #HD36-24-23SN-059	1
30.		STRAIN RELIEF (INCLUDED WITH PLUG, ITEM 29)	1
31.	3040097	SEALING PLUG, DEUTSCH #114017	8
32.	446836	OPERATOR, STANDARD PUSH/PULL	1
	563866	OPERATOR, OPTIONAL PUSH TO LOCK/ROTATE TO RELEASE	1

FOLLOWING PARTS USED ON EE RATED UNITS ONLY

33.	300872	SEAL, TOGGLE SWITCH	3
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JOYSTICK CONTROL BOX ASSEMBLY



TOGGLE SWITCH CONTROL BOX ASSEMBLY

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	300580	TOGGLE SWITCH CONTROL BOX ASSEMBLY	1
1.	300604	JUMPER WIRE	1
2.	300605	JUMPER WIRE	9
3.	0070747	JUMPER WIRE	2
4.	300607	JUMPER WIRE	2
5.	300608	JUMPER WIRE	1
6.	0060373	JUMPER STRAP	6
7.	0070746	JUMPER WIRE	1
8.	300611	JUMPER WIRE	1
9.	0070753	JUMPER WIRE	1
10.	0070967	CORROSION INHIBITOR	1
11.	3040098	PANEL NUT #24, DEUTSCH #112263-90	1
12.	300614	JUMPER WIRE	1
13.	3040338	CONNECTOR, DEUTSCH #HD34-24-23-PN	1
14.	3020018	SWITCH, DPDT TOGGLE	2
15.	446826	CONTACT BLOCK	1
16.	3040099	LOCK WASHER #24, DEUTSCH #112264	1
17.	3020089	SWITCH, DPDT TOGGLE	1
18.	0070739	JUMPER WIRE	2
19.	300563	SWITCH, DPDT TOGGLE	1
20.	300551	CONTROL BOX WELDMENT	1
21.	300549	CHANNEL, CONTROL BOX MOUNT	1
22.	300550	CHANNEL, CONTROL BOX MOUNT	1
23.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	5
24.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HD	6
25.	3020016	SWITCH, SPDT TOGGLE	1
26.	984049	NUT #10-24 HEX	1
27.	987359	WASHER #10 MEDIUM LOCK	1
28.	300704	PLACARD, TOGGLE SWITCH CONTROL BOX	1
29.	300601	PLUG, DEUTSCH #HD36-24-23SN-059	1
30.		STRAIN RELIEF (INCLUDED WITH PLUG, ITEM 29)	1
31.	3040097	SEALING PLUG, DEUTSCH #114017	8
32.	446836	OPERATOR, STANDARD PUSH/PULL	1
	563866	OPERATOR, OPTIONAL PUSH TO LOCK/ROTATE TO RELEASE	1

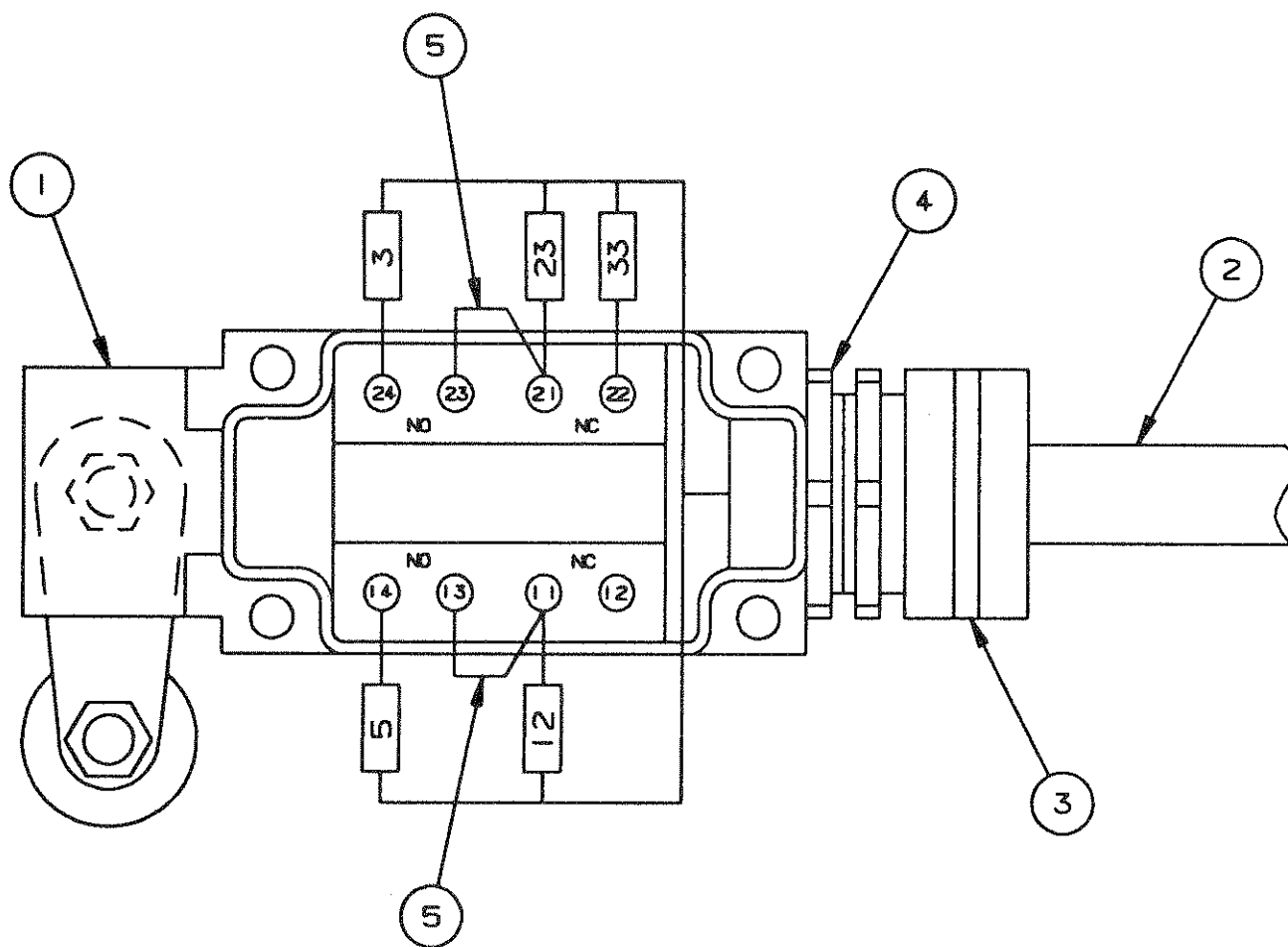
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LIMIT SWITCH ASSEMBLY, PLATFORM ELEVATION

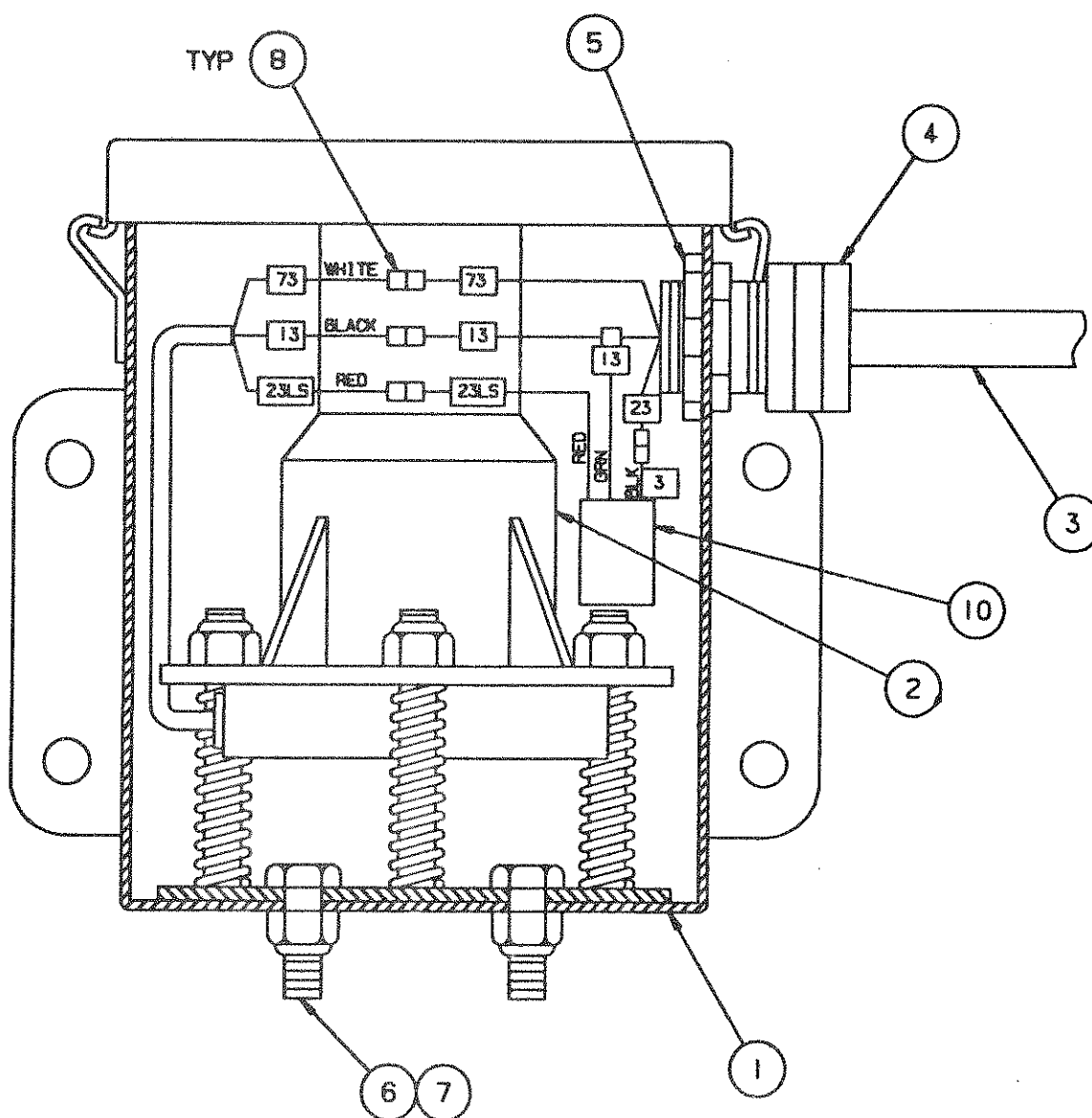
<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	301469	LIMIT SWITCH ASSEMBLY, PLATFORM ELEVATION (COMPLETE)	1
1.	300565	LIMIT SWITCH	1
2.	301468	WIRE ASSEMBLY	1
3.	3040115	CONNECTOR, APPLETON #CG-3750	1
4.	3040070	LOCKNUT, APPLETON #BL-50	1
5.	3011601	WIRE, 16 GAUGE SINGLE CONDUCTOR x 2 INCH LONG	2



TILT ALARM SENSOR ASSEMBLY

ITEM	PART NO	DESCRIPTION	REQ
0.	300748	TILT ALARM SENSOR ASSEMBLY (COMPLETE)	1
1.	300654	TILT ALARM BOX	1
2.	300600	TILT SENSOR	1
3.	300749	WIRE ASSEMBLY, TILT ALARM	1
4.	3040300	CONNECTOR, APPLETON #CG-1850	1
5.	3040070	LOCKNUT, APPLETON #BL-50	1
6.	970029	CAPSCREW 1/4-20 x 3/4 LG HEX HD GR 5	4
7.	984939	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	4
8.	3040046	TERMINAL, .250 MALE FULLY INSULATED - 22/18 GA WIRE	3
9.	300750	TILT SENSOR LEVELING PROCEDURE INSTRUCTIONS	1
10.	300939	CAPACITOR/DIODE ASSEMBLY	1

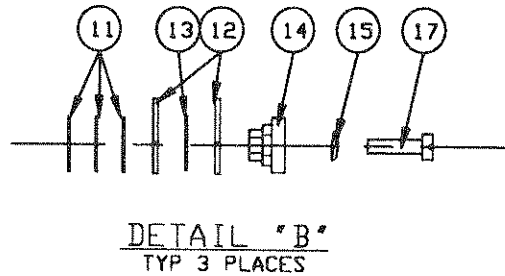
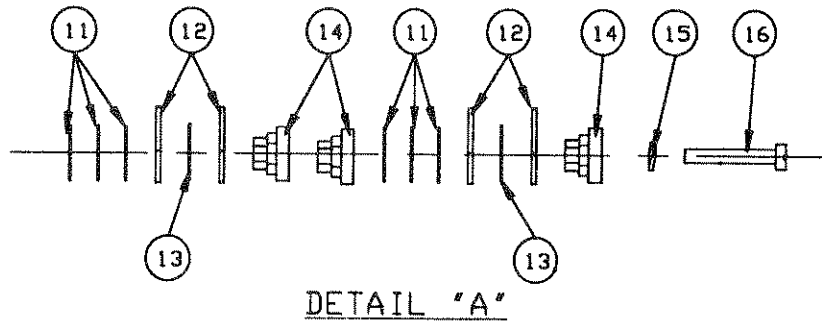
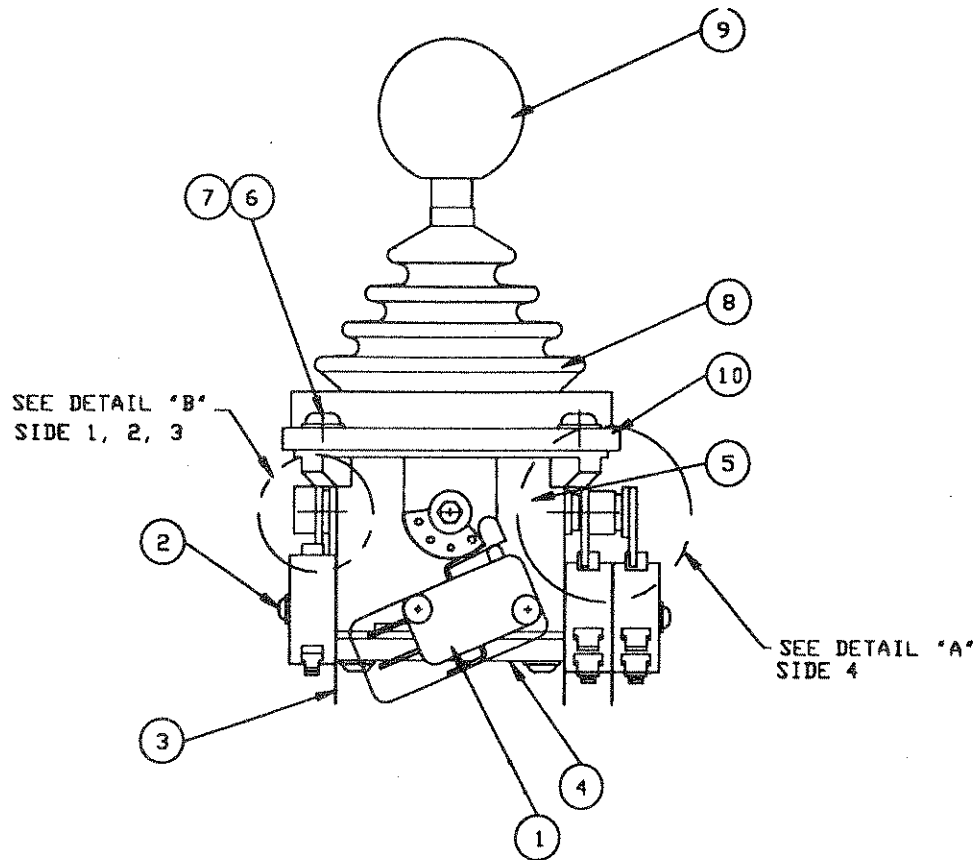


JOYSTICK CONTROLLER

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
0.	300579	JOYSTICK CONTROLLER, O.E.M. #BJS5M7761	1
1.	3020033	MICROSWITCH, MICRO #V3L139-D8	4
2.		SCREW #4-40 x 3/4 LONG, O.E.M. #A/75	6
3.		INSULATOR, O.E.M. #B/35	4
4.		18 DEG GATE, O.E.M. #GG/5	1
5.		CAST HOUSING, O.E.M. #GG/1	1
6.		MOUNTING SCREW, O.E.M. #GG/6	4
7.		MOUNTING WASHER, O.E.M. #B/90	4
8.		NEOPRENE BOOT, O.E.M. #GG/15	1
9.		ROUND KNOB, O.E.M. #A/121	1
10.		BOOT FLANGE, O.E.M. #G/16	1
11.		SMALL WASHER, O.E.M. #A/48	15
12.		4 HOLE CAM, O.E.M. #A/49	10
13.		SPACER, O.E.M. #A/18	5
14.		BLACK CAM COUPLING, O.E.M. #A/47	6
15.		SPLIT LOCKWASHER, O.E.M. #B/105	4
16.		SCREW, METRIC M3 x 20MM LONG, O.E.M. #A/84	1
17.		SCREW, METRIC M3 x 12MM LONG, O.E.M. #A/81	3

JOYSTICK CONTROLLER



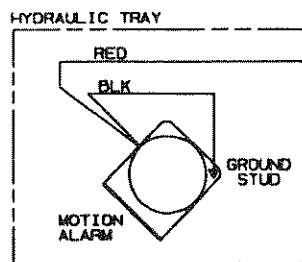
OPTIONS - SECTION 4 INDEX

A.C. Outlet - 110 Volt on Platform, Drawing	Page 4 - 9
A.C. Outlet - 110 Volt on Platform, Parts List	Page 4 - 8
Backup/Motion Alarm	Page 4 - 2
Battery Condition Indicator	Page 4 - 3
Battery Quick Disconnect	Page 4 - 4
Entry Gate, Spring Loaded Automatic Closing	Page 4 - 5
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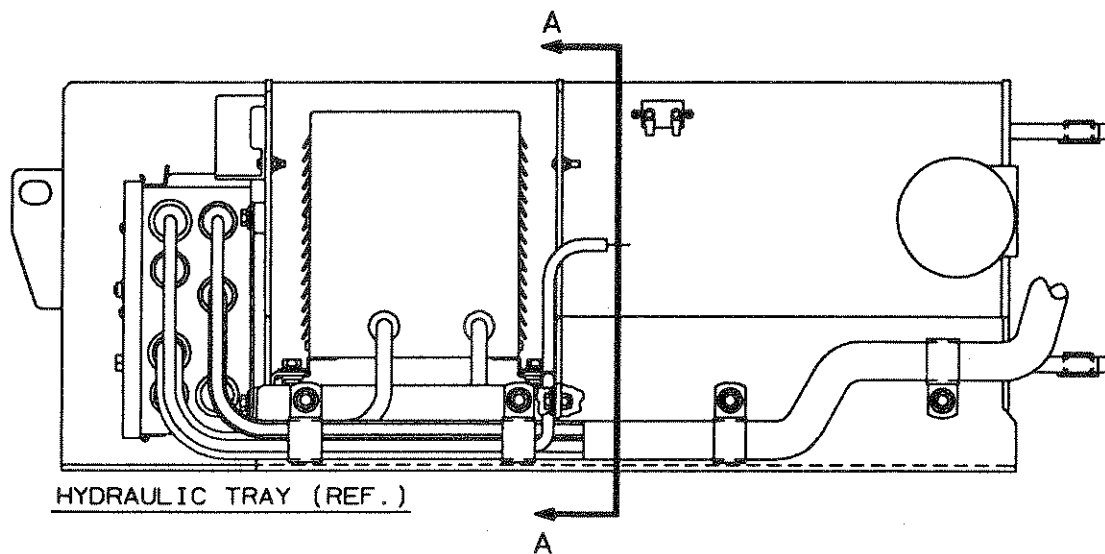
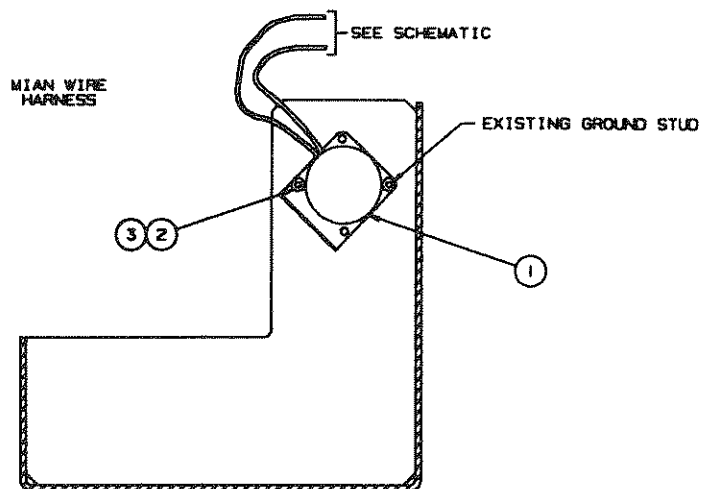
BACKUP/MOTION ALARM

<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
1.	468246	ALARM 24 VOLT DC - 97 DB, WARN #210304	1
2.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HD	1
3.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	1

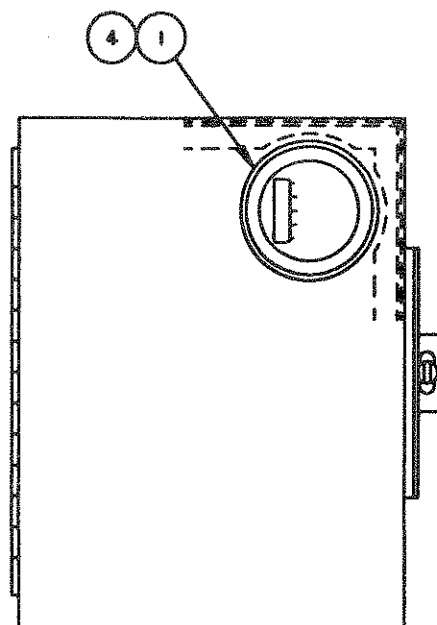


WIRING SCHEMATIC

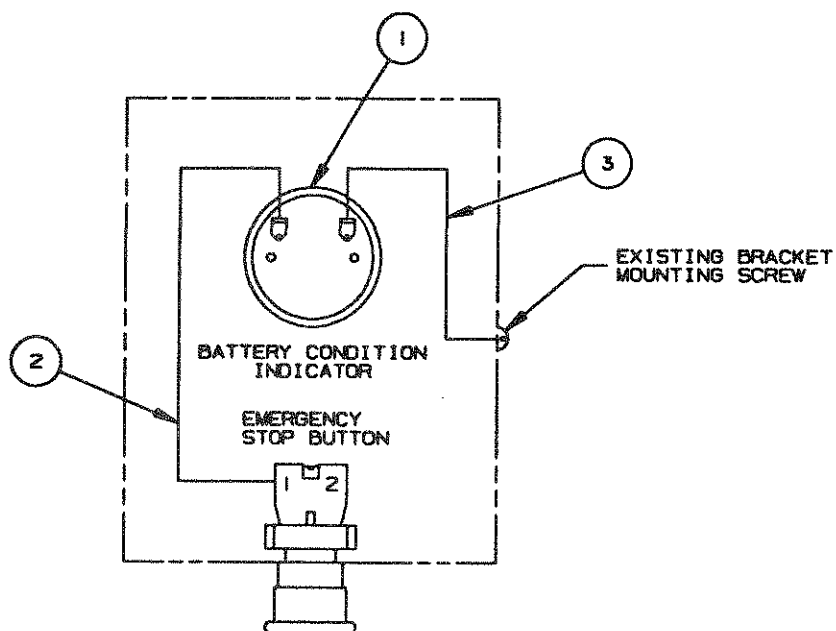


BATTERY CONDITION INDICATOR

ITEM	PART NO	DESCRIPTION	REQ
1.	487696	BATTERY CONDITION INDICATOR	1
2.	300802	JUMPER WIRE	1
3.	0181103	JUMPER WIRE	1
4.	7110031	O-RING, PARKER DASH 31-7	1



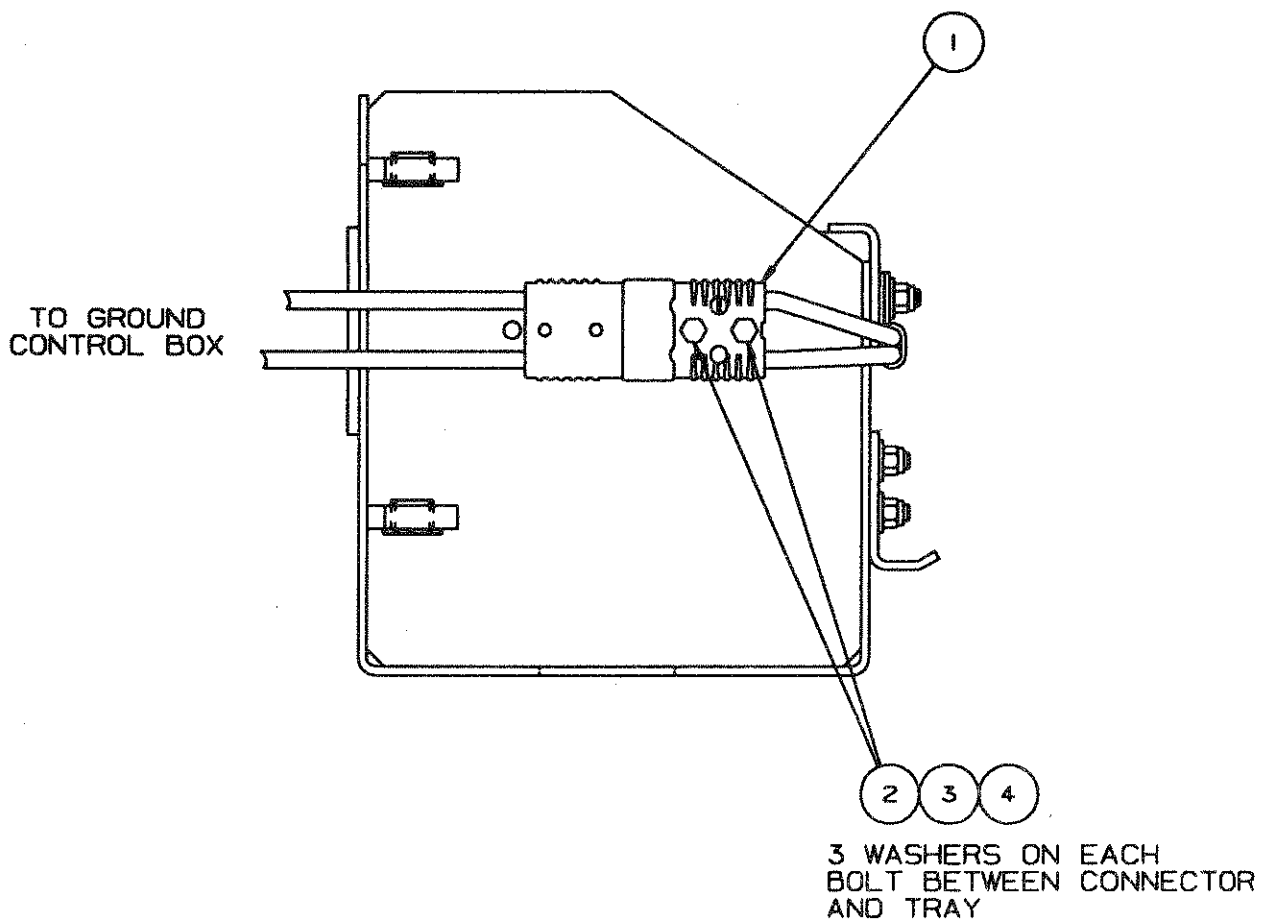
PLATFORM CONTROL BOX



WIRING SCHEMATIC

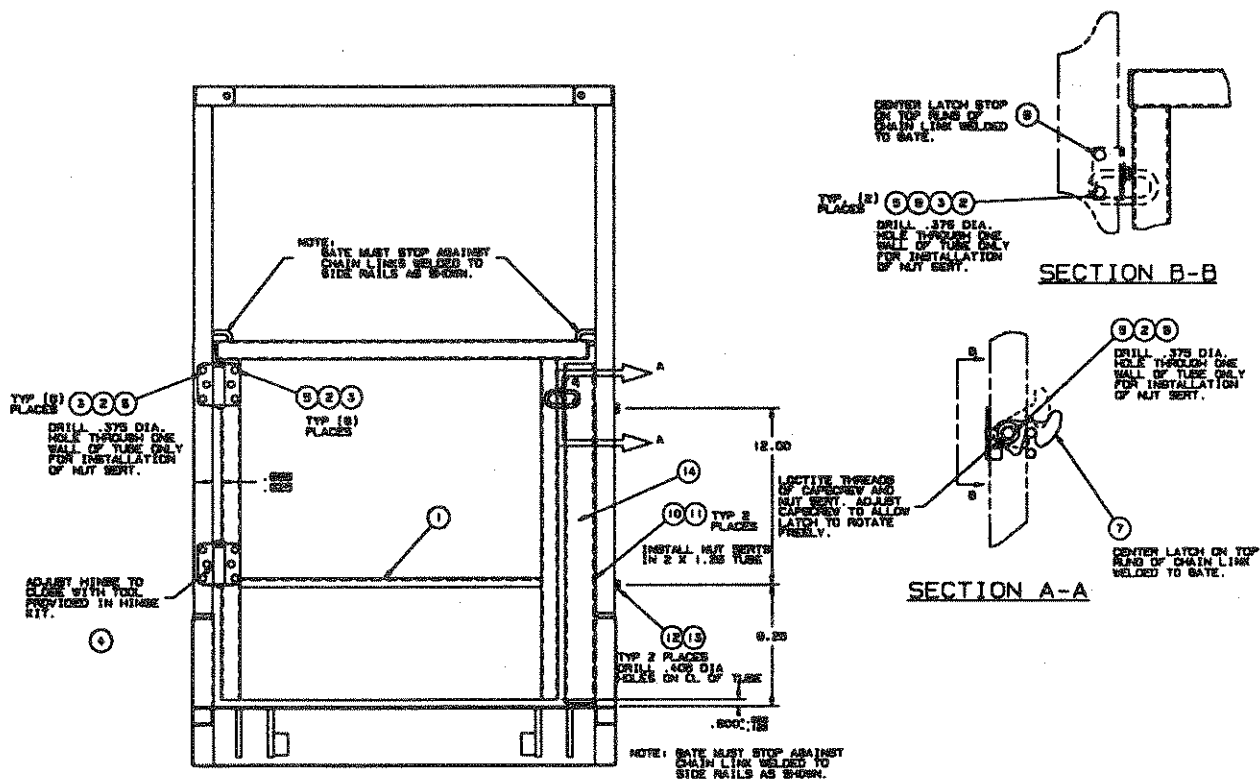
BATTERY QUICK DISCONNECT

ITEM	PART NO	DESCRIPTION	REQ
1.	301504	CABLE ASSEMBLY, QUICK DISCONNECT	1
2.	969999	CAPSCREW 1/4-20 x 1 3/4 LG HEX HD GR 5	2
3.	986019	WASHER 1/4 MEDIUM FLAT	6
4.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	2



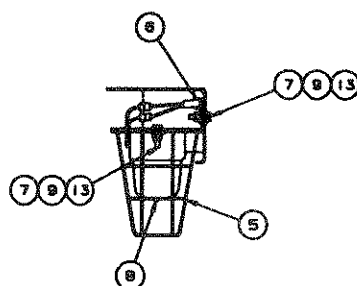
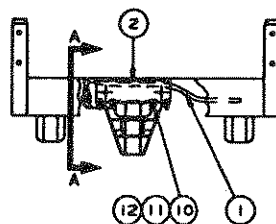
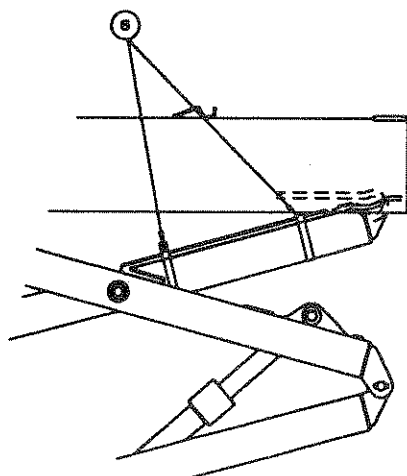
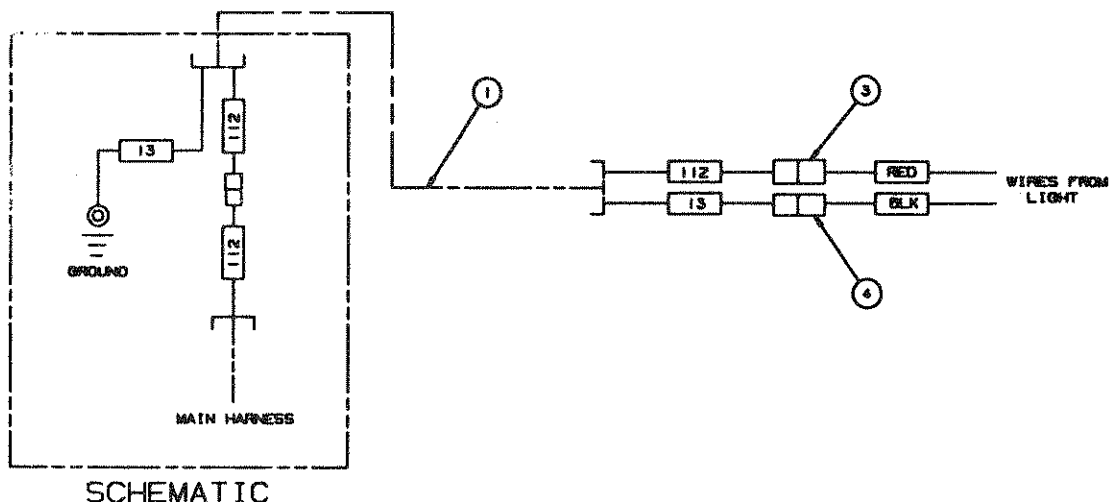
ENTRY GATE, SPRING LOADED AUTOMATIC CLOSING

ITEM	PART NO	DESCRIPTION	REQ
1.	301514	GATE	1
2.	970019	CAPSCREW 1/4-20 x 5/8 LG HEX HD GR 5	15
3.	987099	WASHER 1/4 MEDIUM LOCK	14
4.	479824	SPRING HINGE	2
5.	984529	NUT SERT 1/4-20	15
6.	468886	END CAP	2
7.	300891	DOOR LATCH	1
8.	300899	LATCH STOP	1
9.	986019	WASHER 1/4 MEDIUM FLAT	3
10.	986029	WASHER 5/16 MEDIUM FLAT	2
11.	984539	NUT SERT 3/8-16	2
12.	970519	CAPSCREW 3/8-16 x 2 1/4 LG HEX HD GR 5	2
13.	987109	WASHER 5/16 MEDIUM LOCK	2
14.	301522	TUBE	1



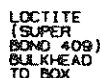
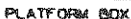
VIEW SHOWN FROM INSIDE PLATFORM

ITEM	PART NO	DESCRIPTION	REQ
1.	302493	WIRE ASSEMBLY	1
2.	301494	ANGLE, LIGHT MOUNTING	1
3.	3040082	TERMINAL .250 MALE FULLY INSULATED, 16/14 WIRE	1
4.	3040083	TERMINAL .250 FEMALE FULLY INSULATED, 16/14 WIRE	1
5.	487686	LIGHT GUARD	1
6.	3053019	CLAMP, AEROQUIP #900729-19	3
7.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	4
8.	564136	FLASHING LIGHT, AMBER	1
9.	970049	CAPSCREW 1/4-20 x 1 LG HEX HD GR 5	4
10.	974689	MACHINE SCREW #10-24 x 3/4 LG ROUND HEAD	2
11.	5560034	SELF LOCKING NUT #10-24 ESNA #22NM-04	2
12.	986009	WASHER #10 MEDIUM FLAT	2
13.	986019	WASHER 1/4 MEDIUM FLAT	4



SECTION A-A

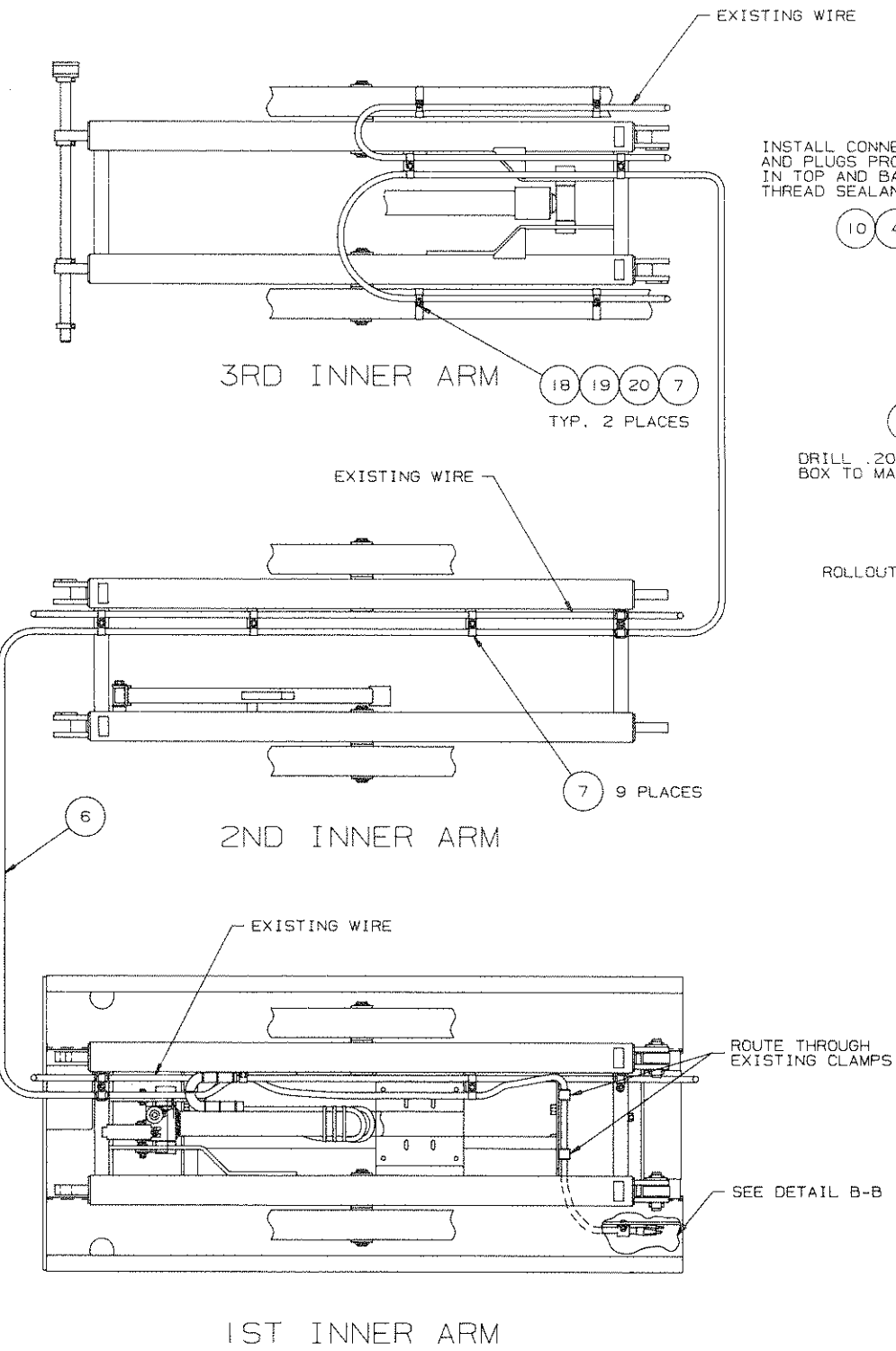
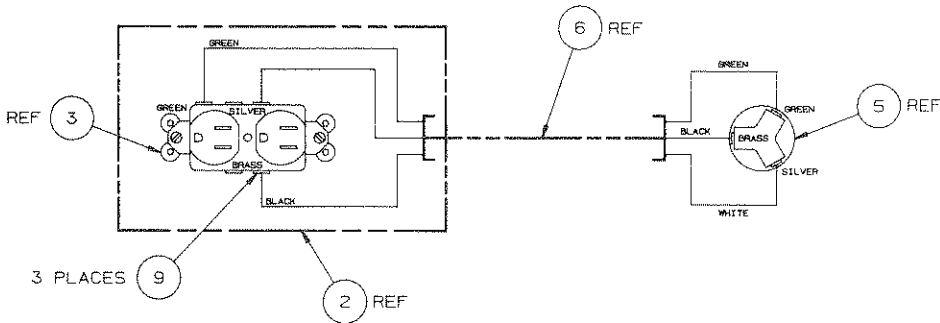
REQ



DETAIL A

A.C. OUTLET - 110 VOLT ON PLATFORM<https://truckmanualshub.com/>

ITEM	PART NO	DESCRIPTION	REQ
1.	606614	BRACKET, A.C. OUTLET BOX	1
2.	3040297	BOX, BELL #3250	1
3.	960779	RECEPTACLE, 15 AMP - 125 VOLT	1
4.	3045211	COVER WITH GASKET, BELL #3245	1
5.	238396	ELECTRICAL PLUG, 15 AMP - 125 VOLT	1
6.	3011403	WIRE - 3 CONDUCTOR 14 GAUGE x 28 FOOT LONG	1
7.	5093000	CLAMP, AEROQUIP #900729-01	12
8.	301483	DECAL, 110 VOLT	1
9.	3040397	TERMINAL #8 SPADE INSULATED 12/10 WIRE	3
10.	962709	CONNECTOR	1
11.	974679	MACHINE SCREW #10-24 x 5/8 LG ROUND HEAD	2
12.	984049	NUT #10-24 HEX	4
13.	987089	WASHER #10 MEDIUM LOCK	2
14.	986029	WASHER 5/16 MEDIUM FLAT	1
15.	300717	CARRIAGE BOLT 3/8-16 x 1 INCH LONG	1
16.	5560033	SELF LOCKING NUT 3/8-16 ESNA #22NE-066	1
17.	300718	BAND CLAMP	2
18.	986019	WASHER 1/4 MEDIUM FLAT	2
19.	970029	CAPSCREW 1/4-20 x 3/4 LG HEX HD GR 5	2
20.	5560004	SELF LOCKING NUT 1/4-20 ESNA #22NE-040	2



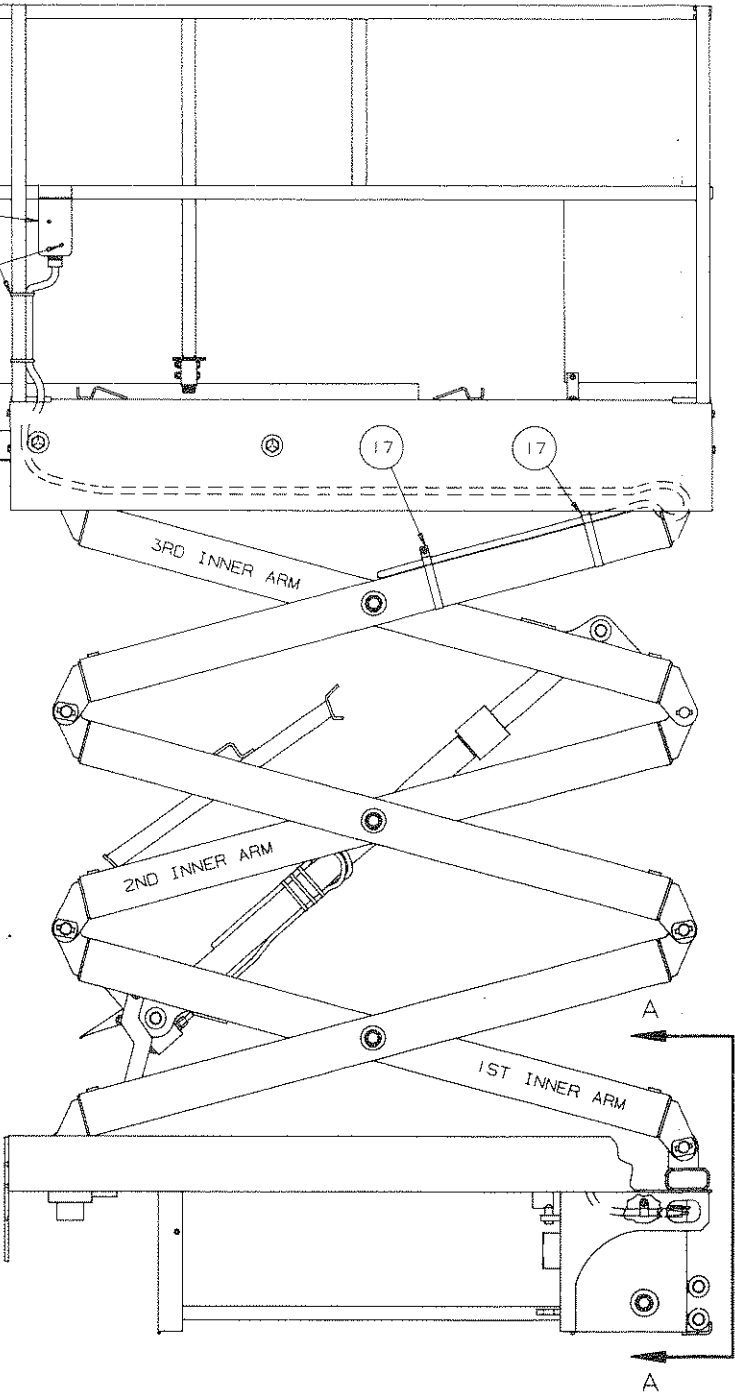
INSTALL CONNECTOR (ITEM 10) AND PLUGS PROVIDED WITH BOX IN TOP AND BACK OF BOX USING THREAD SEALANT.

- 10
- 4
- 3
- 2
- 1

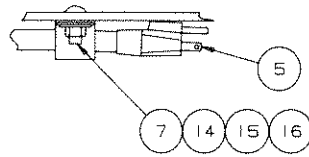
DRILL .203 DIA. HOLES IN BOX TO MATCH BRACKET

ROLLOUT EXTENSION DECK, REF.

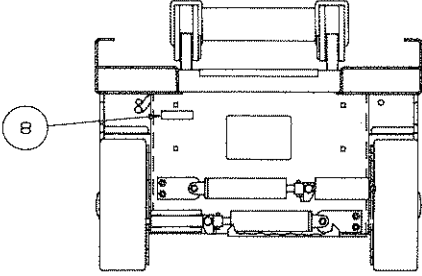
TIE WRAP TO UPRIGHT AS SHOWN (2 PLACES)



DETAIL B-B



VIEW A-A



OPERATING INSTRUCTIONS LESTRONIC II BATTERY CHARGER

(Built-in or Portable Application)

1. Connect power supply cord to properly grounded outlet of the proper voltage and frequency as specified on the charger nameplate. Circuit breaker or fuse protection in the AC line must be adequate to handle the input power requirements. When it is necessary to use an AC extension cord to the charger use a three conductor, 12 gauge cord with ground and keep as short as possible.

If DC output cord to batteries, charger will automatically turn on after a short delay.

2. Connect DC output cord to batteries (if not already connected).
3. Monitor ammeter for correct charge rate. Normal charging at the finish charge rate for the last 3 to 5 hours is important to achieve equalization of all battery cells every time the batteries are charged. New batteries or batteries charged in cold temperatures (below 50 degrees F) will require more time to achieve full charge.
4. Charger turns off automatically when batteries are fully charged.

⚠CAUTION

DO NOT leave charger on while unattended for more than two consecutive days. Severe overcharging and possible damage to batteries will result if charger should fail to turn off.

For warranty service and parts, contact:

LESTER ELECTRICAL OF NEBRASKA
625 West A Street - Lincoln, Nebraska 68522

PARTS LIST FOR LESTRONIC II CHARGER
MODEL 15660 TYPE 24LC25-8ET
120 VAC 60 HZ

PART NO.	DESCRIPTION	QTY.
19714S	CASE ASSEMBLY	1
14605S	TRANSFORMER ASSEMBLY	1
12594S	HEATSINK ASSEMBLY	1
04401S	CAPACITOR, 4.0 MRD, 660 VAC	1
16369S	AMMETER	1
14480S	FUSE ASSEMBLY	1
02028S	BUSHING, 7W-2, INSULATOR FOR CORDSETS	2
19698S	CORDSET, DC	1
19697S	CORDSET, AC	1

ELECTRICAL WIRING SCHEMATIC

