



BT Prime-Mover

OE15C

● Parts Manuals

Update 1990_February

300338-000 1990_August

301593-000 1992_February Appendix 1

300338-001 1993_August

300338-002 1996_February

300338-002 1998_October



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FIGURE # 1.2 22:1 PART # I TRANSMISSION ASSEMBLY

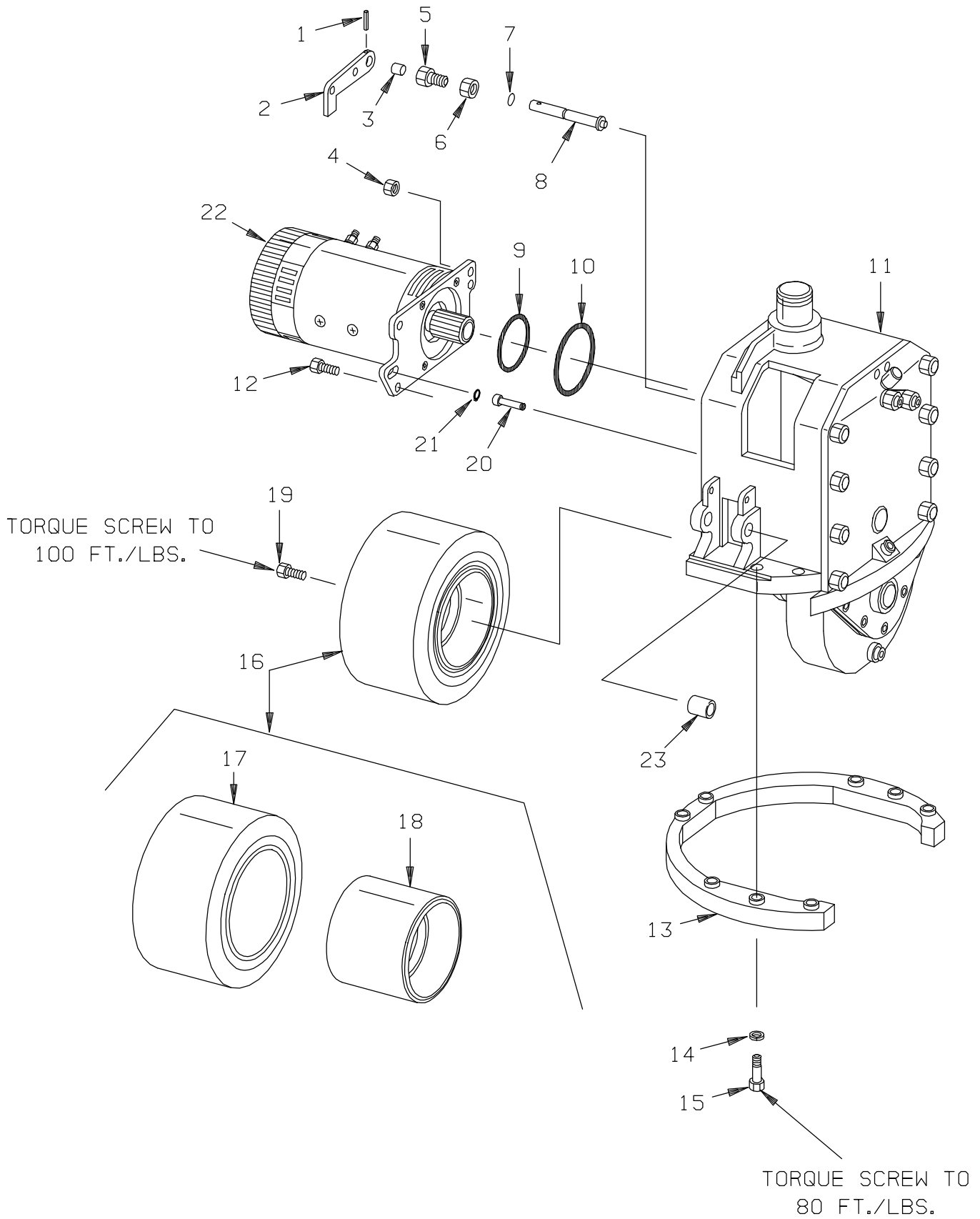


FIGURE # 2.9 RESISTOR CONTROL PANEL ASSEMBLY (12 VOLT, 27259-06)
 (24 VOLT, 27259-07)

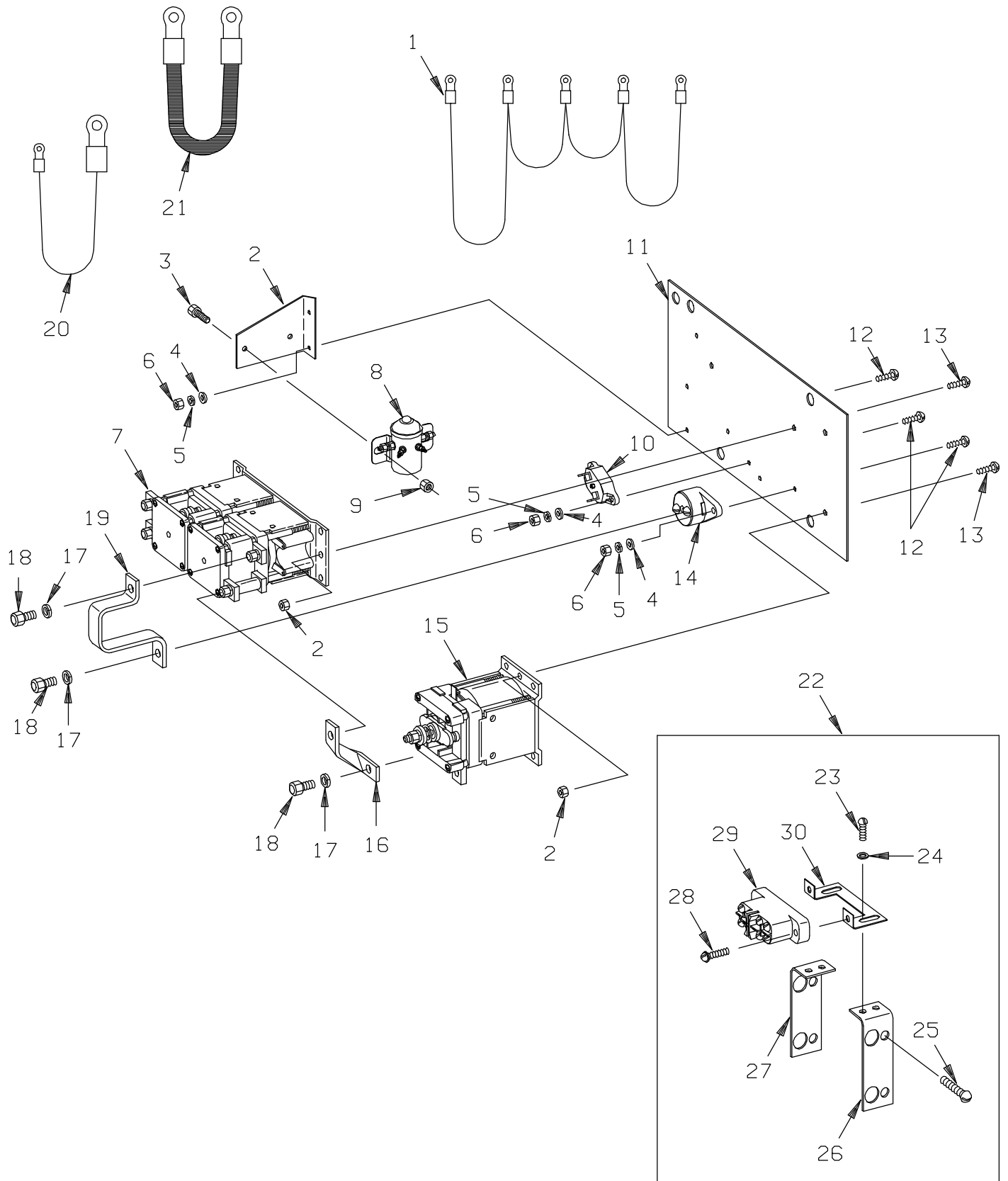


FIGURE # 2.14 RESISTOR EMERGENCY DISCONNECT CONTACTOR ASSEMBLY
(12 VOLT, 27693-01)
(24 VOLT, 27693-00)

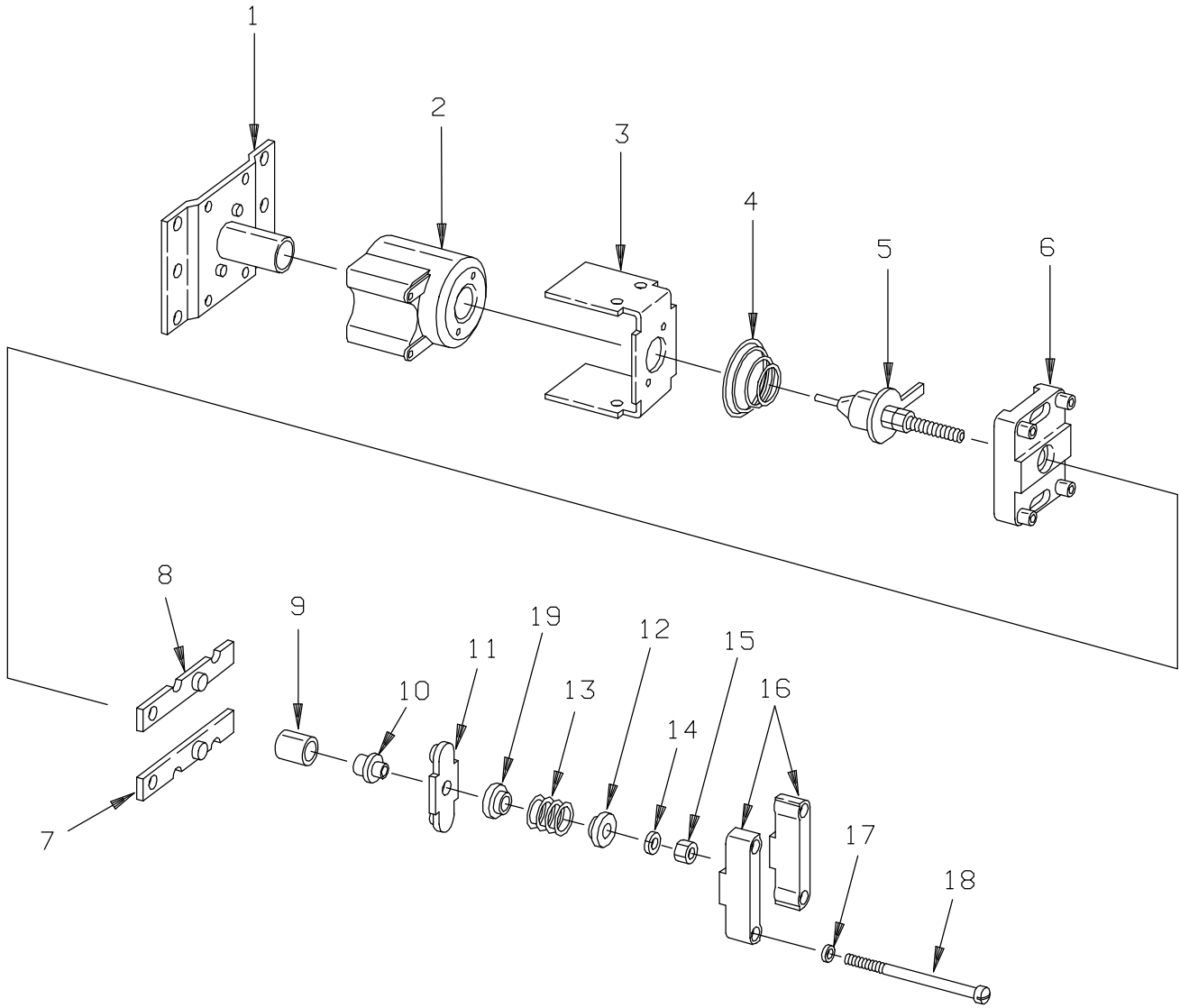


FIGURE # 2.20 EV-100 SCR WIRING DIAGRAM PART # II (PLATFORM)

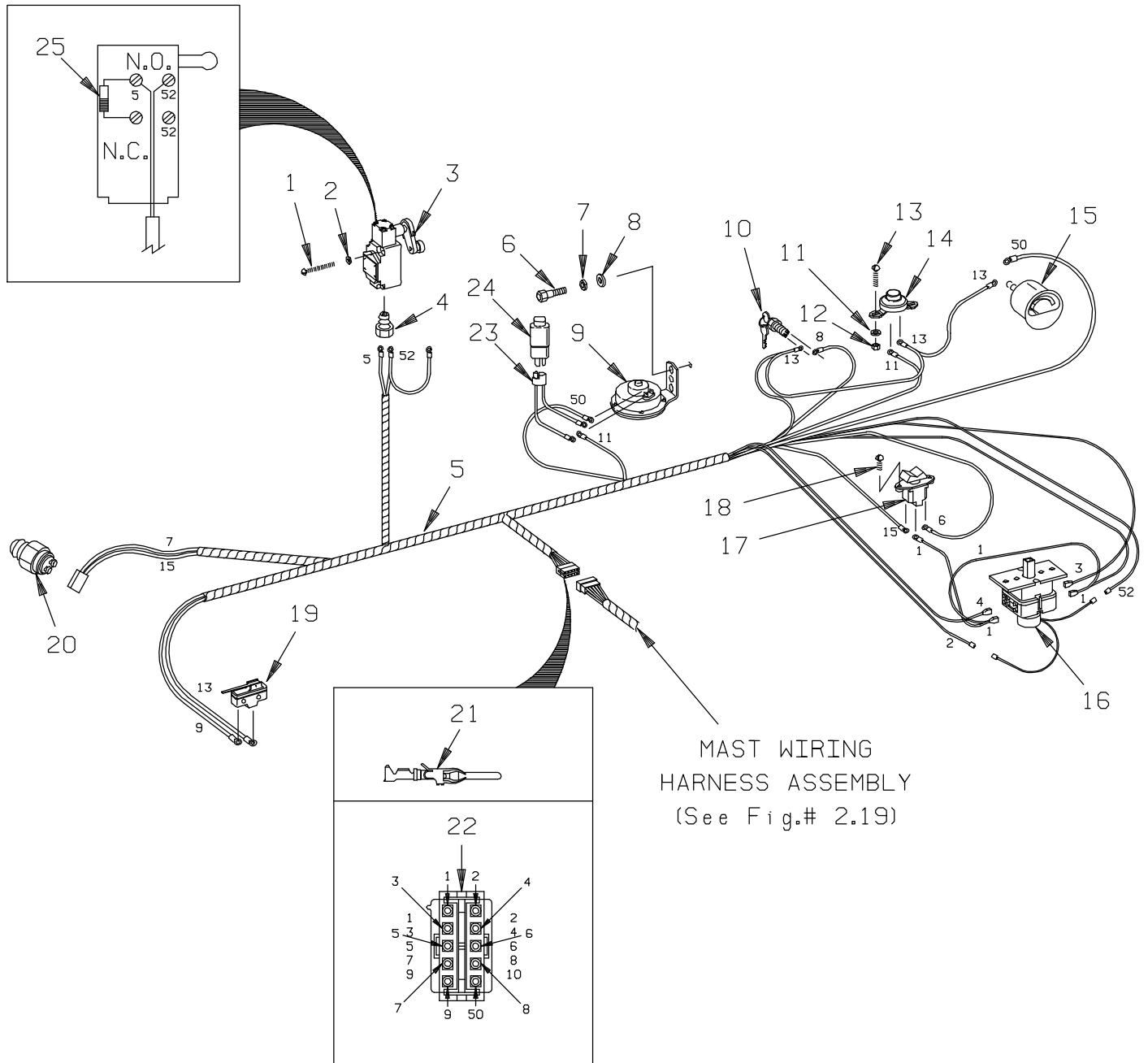


FIGURE # 2.25 EV-100 1A CONTACTOR ASSEMBLY (27693-02)

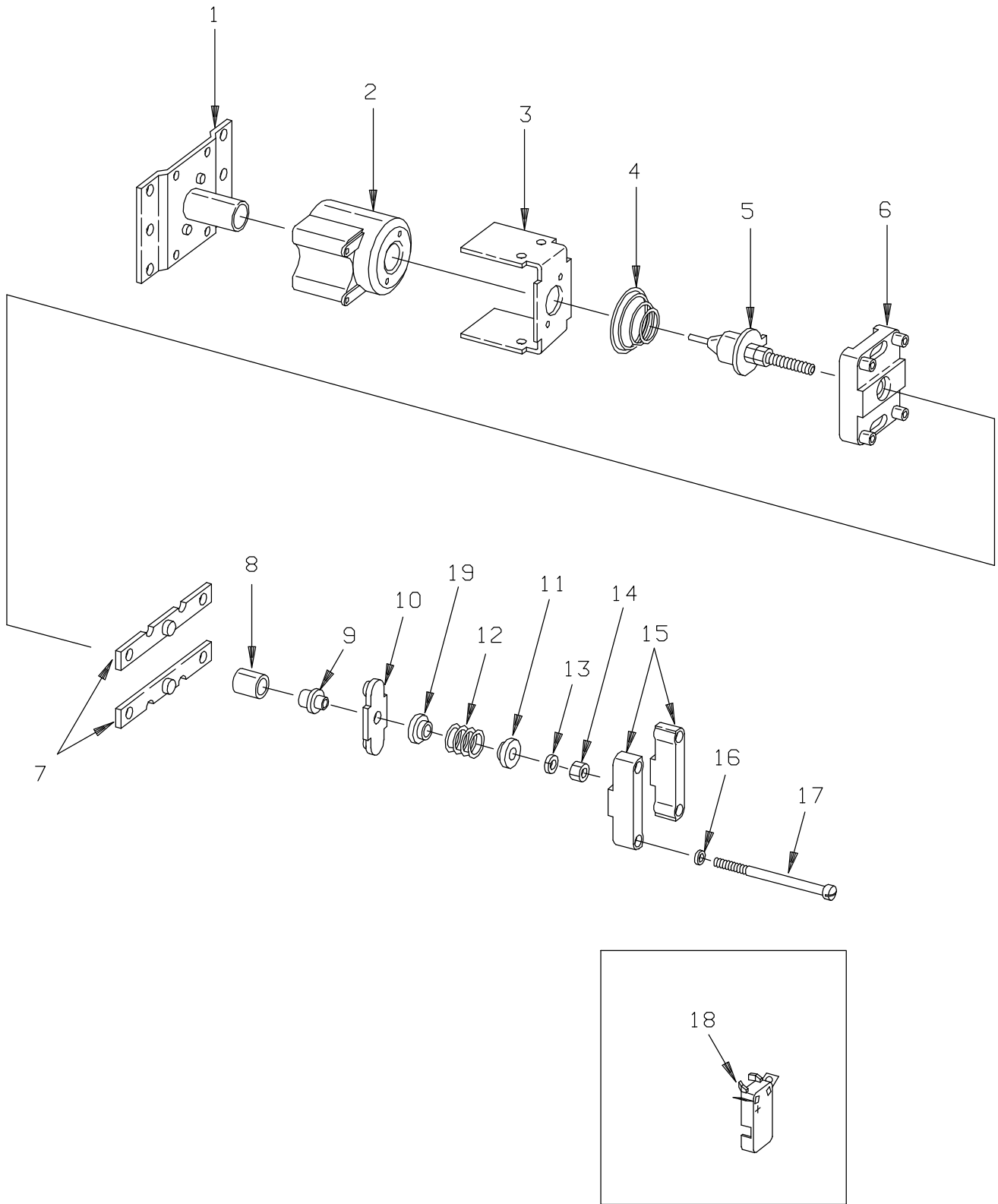
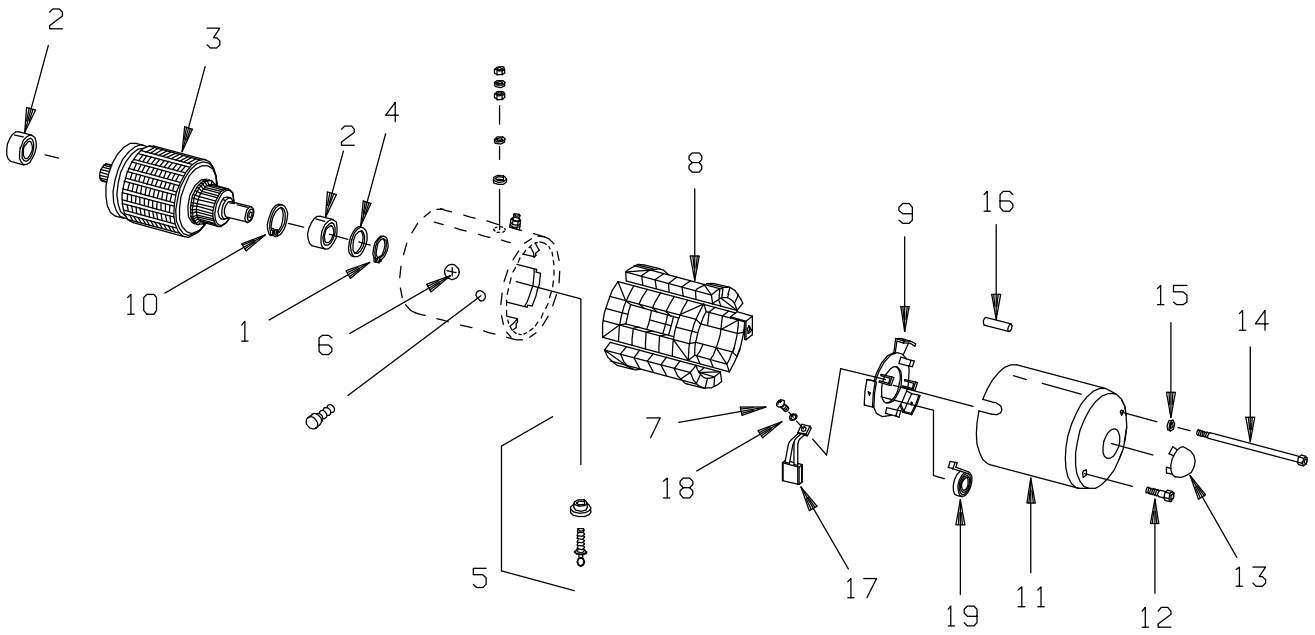


FIGURE # 2.30 BOSCH HYDRAULIC PUMP MOTOR ASSEMBLY (12 VOLT, 300120-000)
(24 VOLT, 300124-000)



PHANTOM ITEMS ARE NOT AVAILABLE

FIGURE # 3.1 HYDRAULIC SCHEMATIC

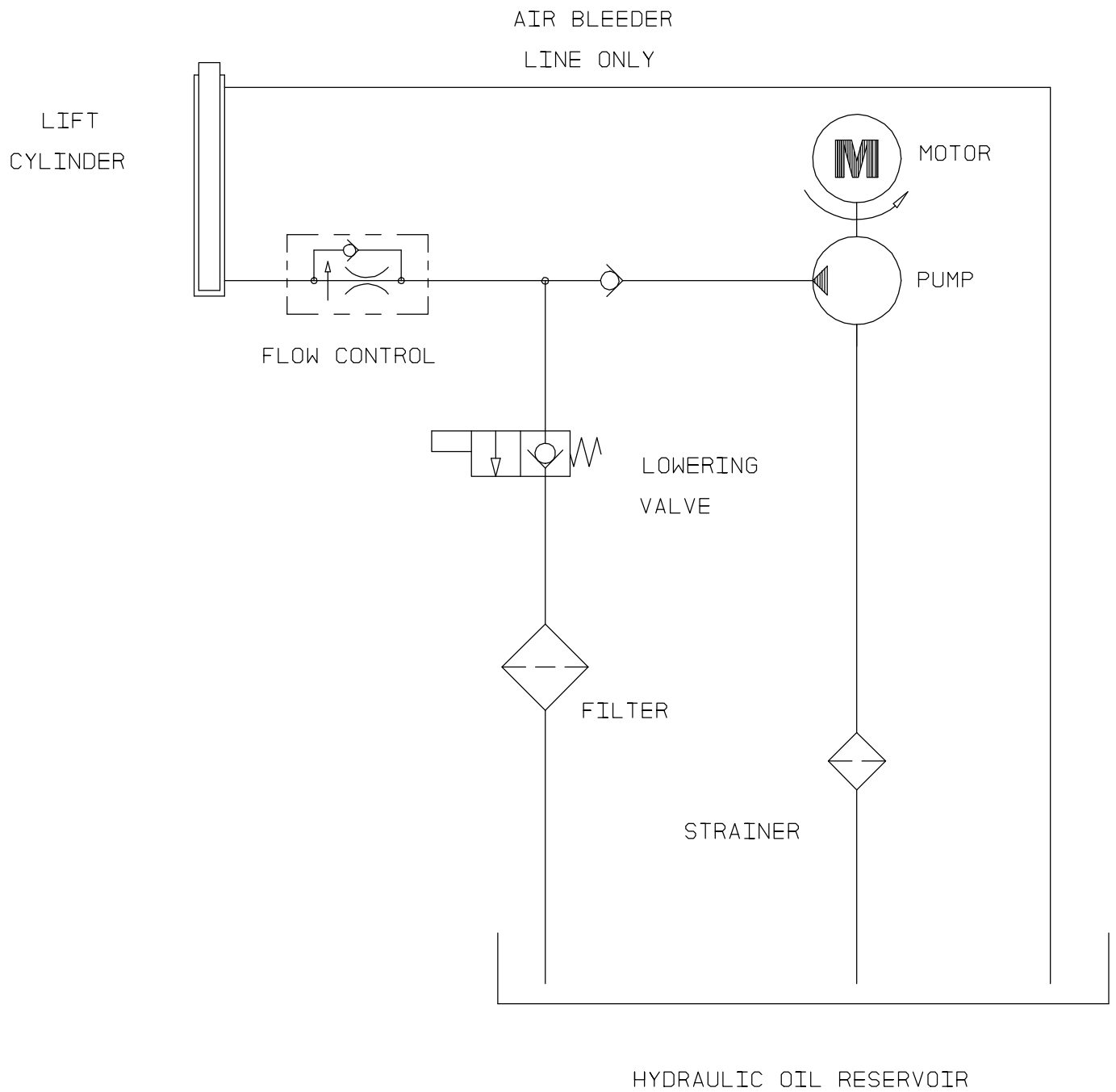


FIGURE # 4.6 PALLET CLAMP INSTALLATION

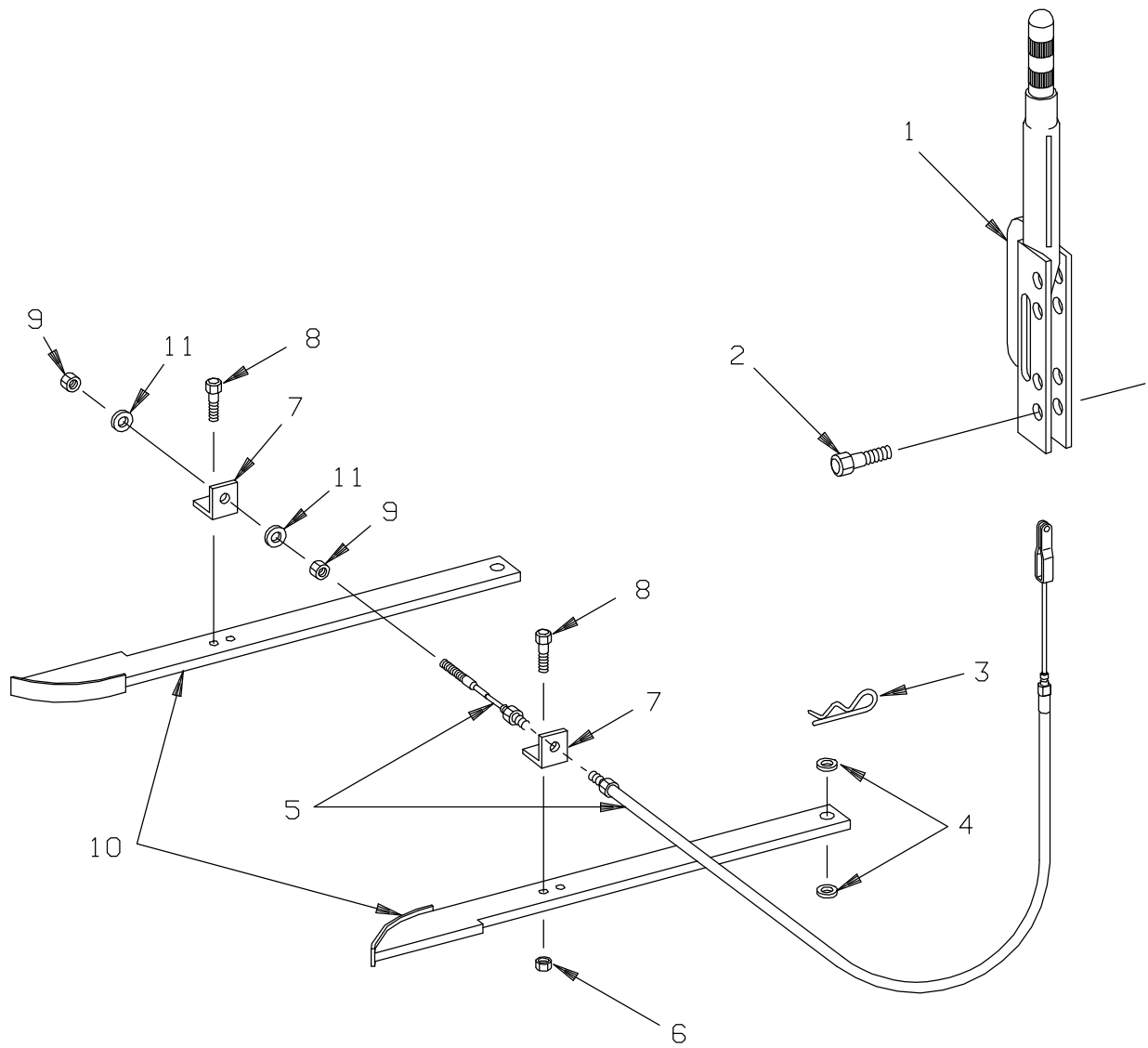
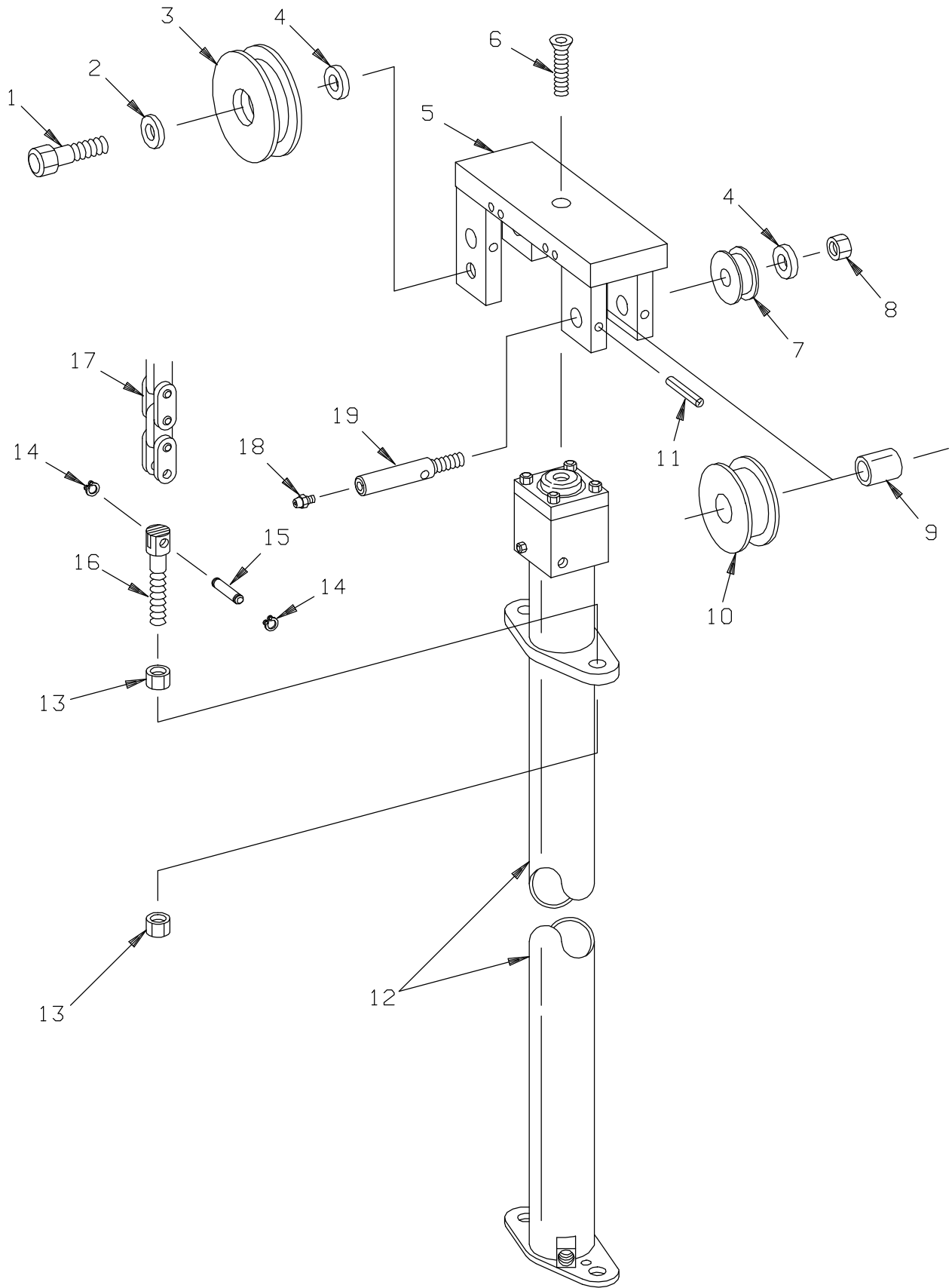


FIGURE # 5.3 LIFT CYLINDER AND RELATED PARTS



MODEL OE15C ELECTRIC ORDER SELECTOR

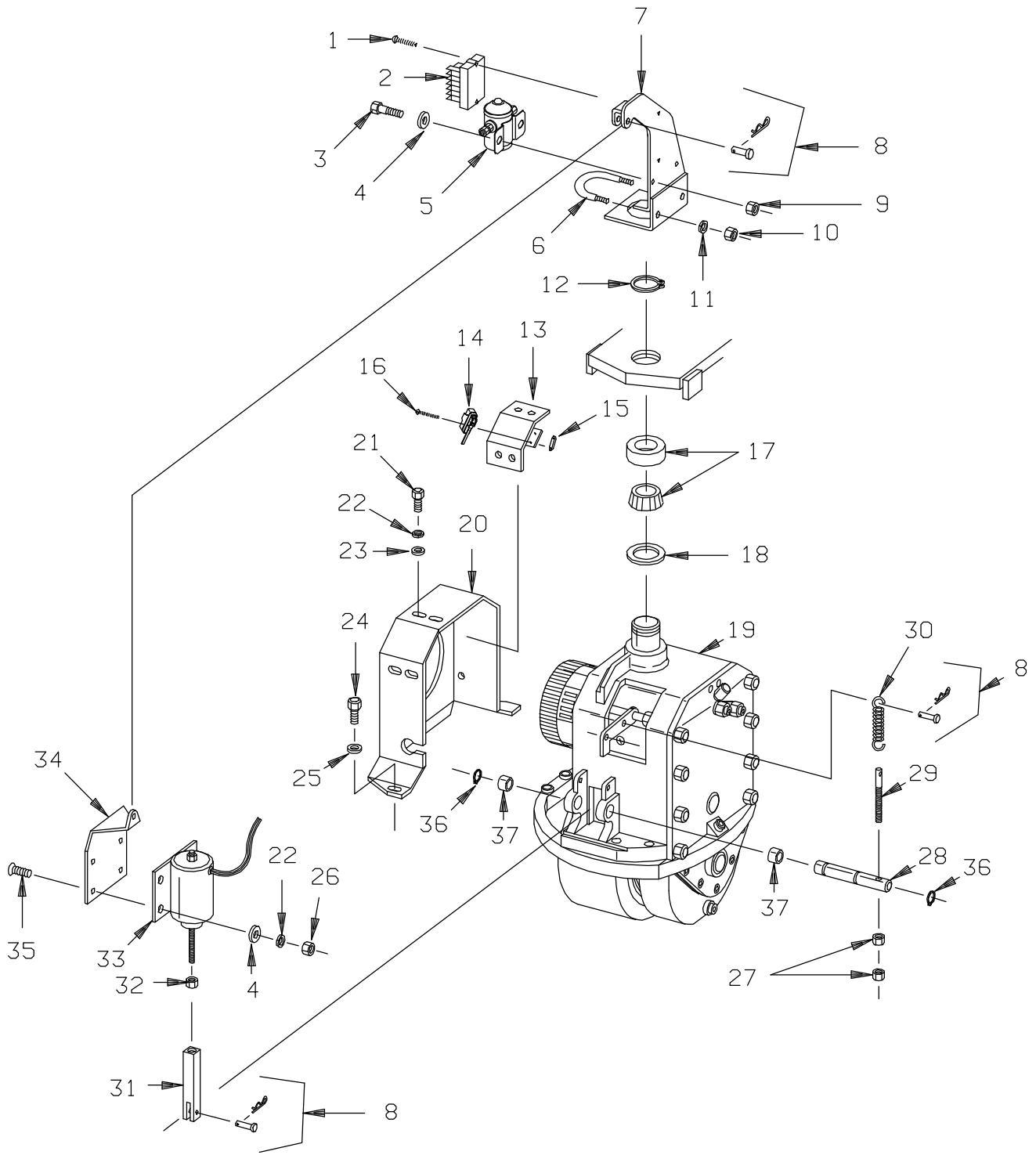
NUMERICAL INDEX

<u>PART #</u>	<u>FIG. #</u>	<u>ITEM #</u>	<u>PART #</u>	<u>FIG #</u>	<u>ITEM #</u>
20002-00	1.3	13	200082	2.24	7
200025	10.1	6	200082	2.10	7
20003-00	1.2	13	200083	2.10	8
200038	2.22	22	200083	2.24	8
200039	2.22	3	200084	2.24	9
200040	2.22	2	200084	2.10	9
200041	2.22	9	200085	2.10	11
200042	2.22	8	200085	2.24	11
200043	2.22	6	200086	2.24	13
200044	2.22	15	200086	2.10	13
200045	2.22	13	200087	2.10	14
200045	2.22	31	200087	2.24	14
200046	2.22	30	200088	2.10	15
200047	2.22	33	200088	2.24	15
200048	2.22	27	200089	2.24	18
200049	2.22	26	200089	2.10	18
200050	2.22	19	200090	2.10	19
200051	2.22	20	200090	2.24	19
200052	2.22	12	200091	2.10	20
200054	2.22	29	200091	2.24	20
200055	2.22	32	200092	2.24	21
200056	2.22	1	200092	2.10	21
200057	2.22	10	200093	2.24	22
200058	2.22	21	200093	2.10	22
200059	2.22	11	200094	2.26	19
200076	2.24	1	200094	2.11	19
200076	2.10	1	200094	2.25	19
200077	2.24	2	200094	2.10	24
200077	2.14	2	200094	2.14	19
200077	2.11	2	200094	2.24	24
200077	2.26	2	200095	2.11	10
200077	2.10	2	200095	2.14	10
200077	2.25	2	200095	2.26	10
200078	2.24	3	200095	2.10	25
200078	2.10	3	200095	2.25	9
200079	2.24	4	200095	2.24	25
200079	2.10	4	200096	2.10	26
200080	2.24	5	200096	2.25	8
200080	2.10	5	200096	2.11	9
200081	2.14	6	200096	2.26	9
200081	2.25	6	200096	2.24	26
200081	2.10	6	200096	2.14	9
200081	2.26	6	200097	2.24	27
200081	2.11	6	200097	2.10	27
200081	2.24	6	200140	2.31	10



THE PRIME-MOVER CO., 3000 NORTH US HIGHWAY 61
MUSCATINE, IOWA 52761-5810

FIGURE # 1.1 TRANSMISSION AND RELATED PARTS



EFFECTIVE SERIAL NUMBER 170139 AND UP

FIGURE # 2.2 EV-100/EV-1 SCR MASTER CONTROL SWITCH (24455-01)

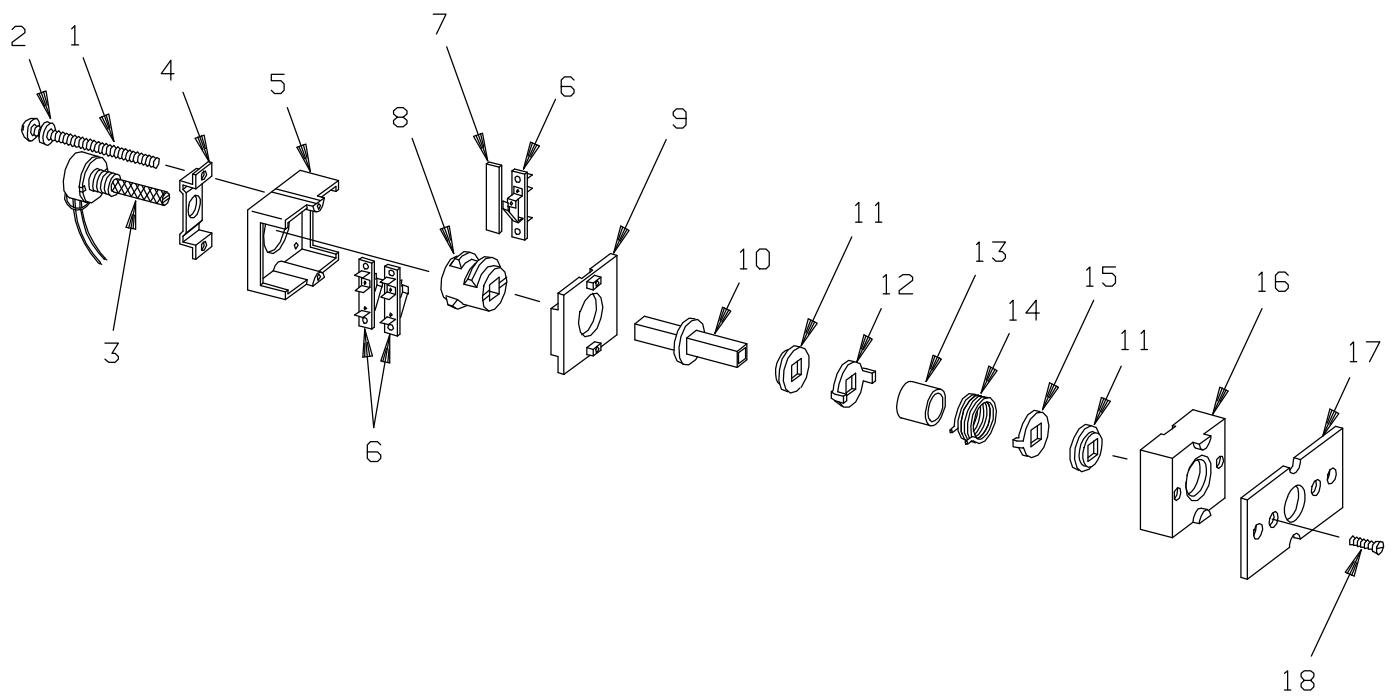


FIGURE # 2.13 RESISTOR THIRD SPEED CONTACTOR ASSEMBLY (12 VOLT, 27185-00)
(24 VOLT, 27185-01)

CABLEFORM

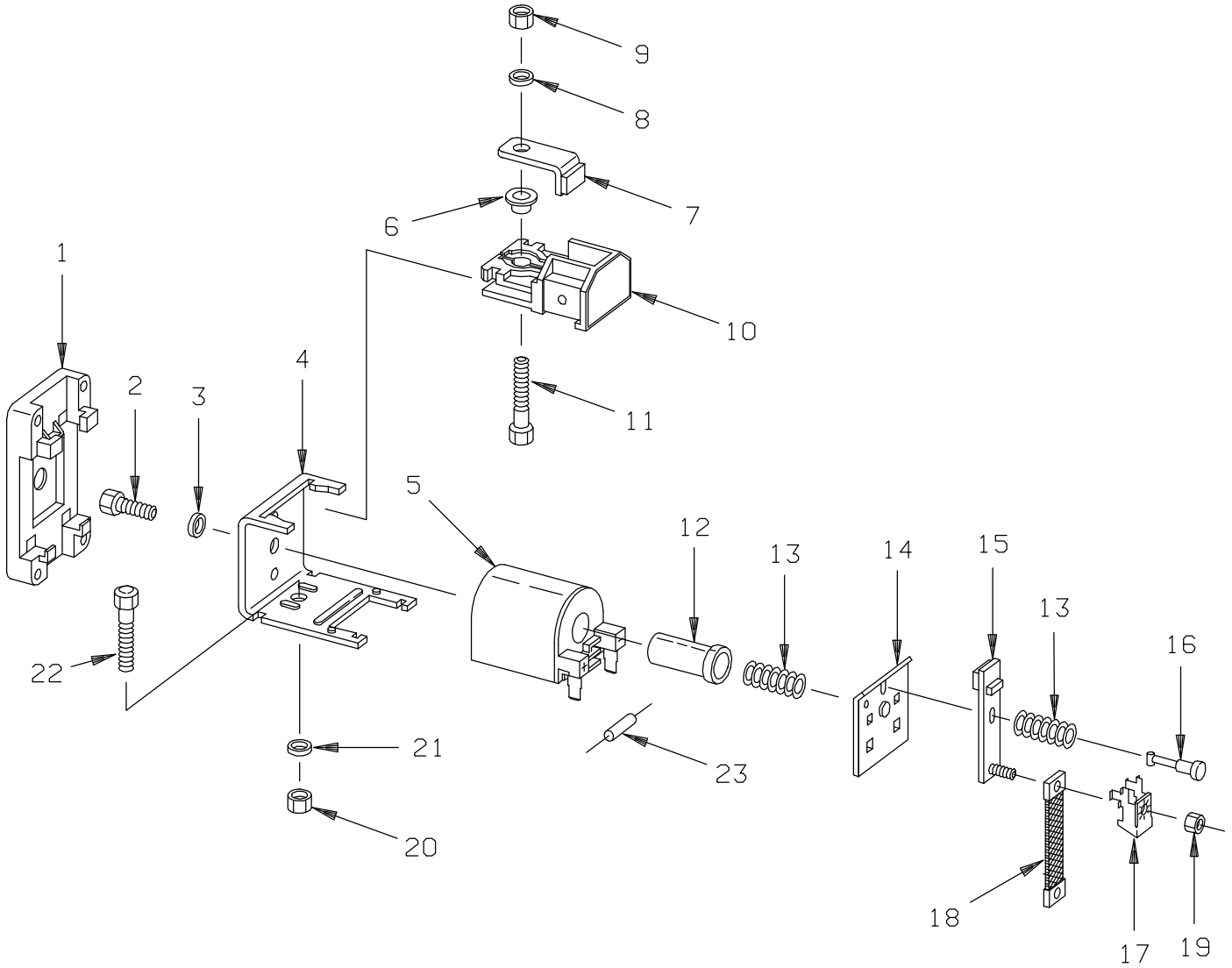


FIGURE # 2.24 BOSCH HYDRAULIC PUMP MOTOR ASSEMBLY (12 VOLT, 300120-000)
(24 VOLT, 300124-000)

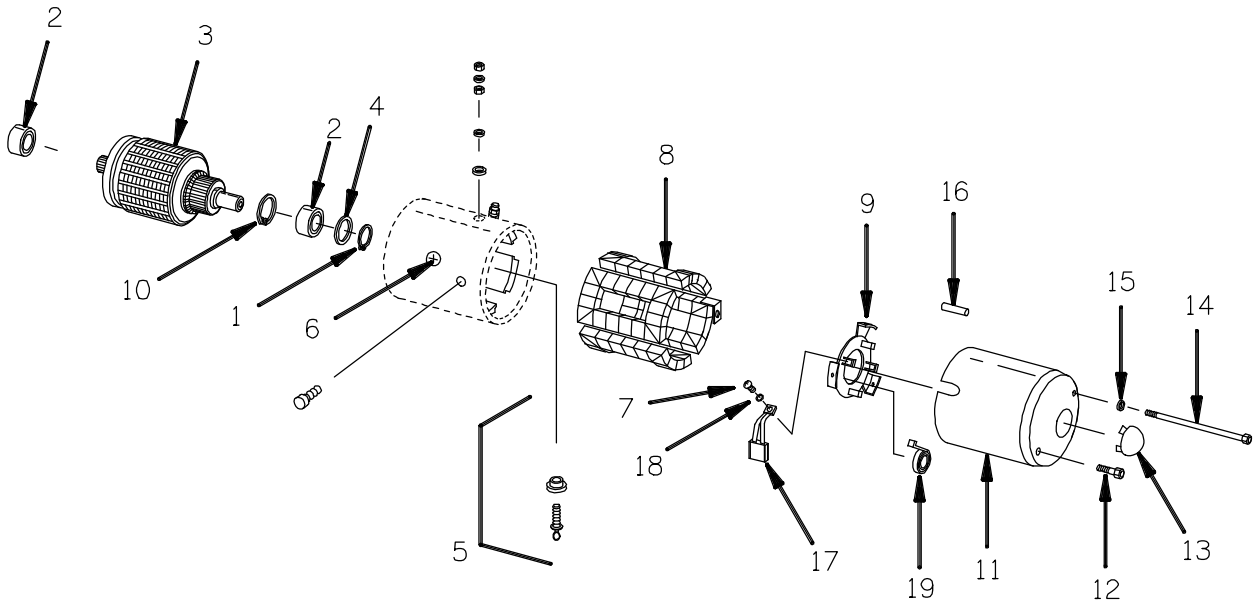


FIGURE # 3.1 HYDRAULIC SCHEMATIC

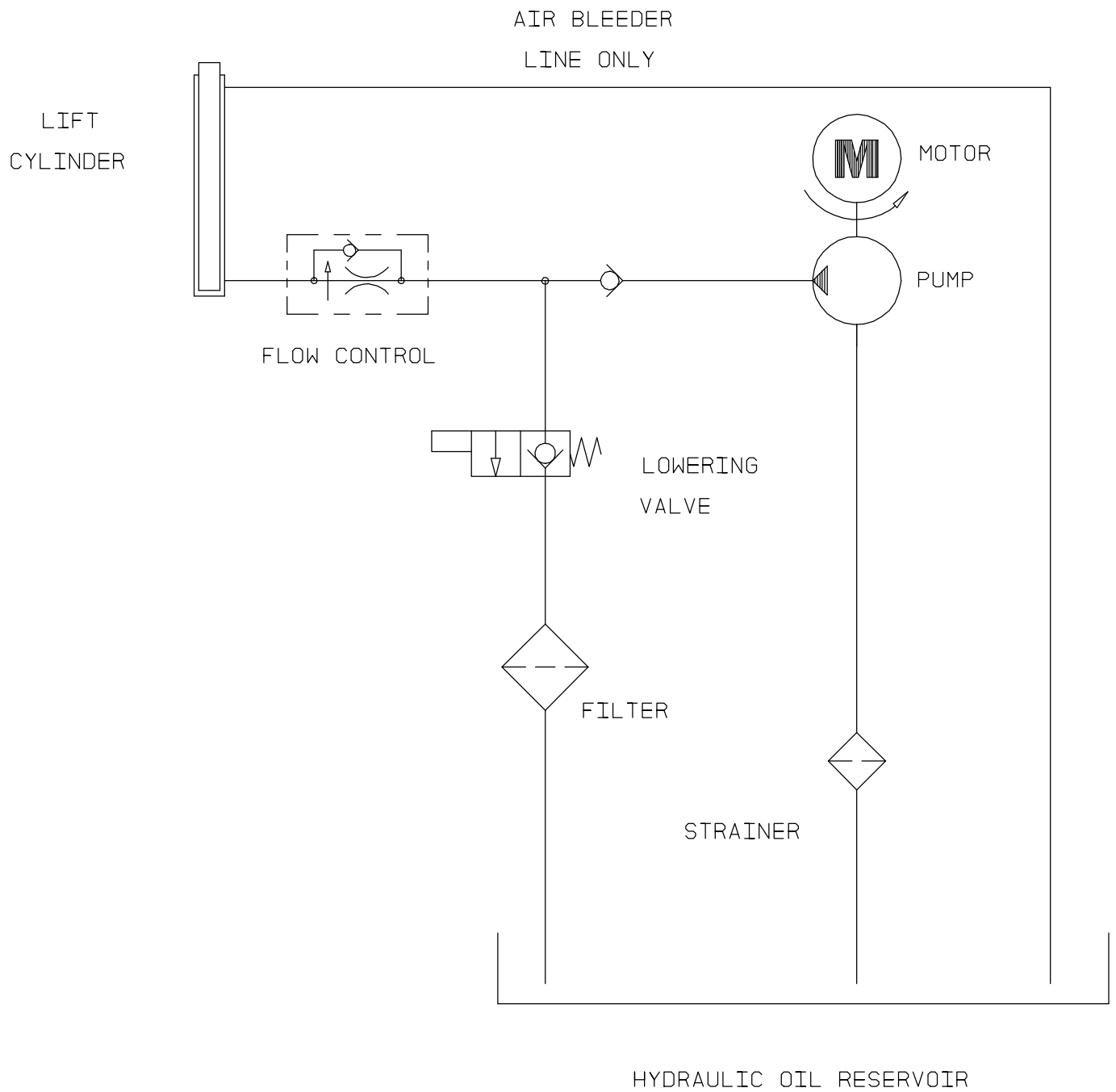


FIGURE # 4.1 SHIELDING ASSEMBLY

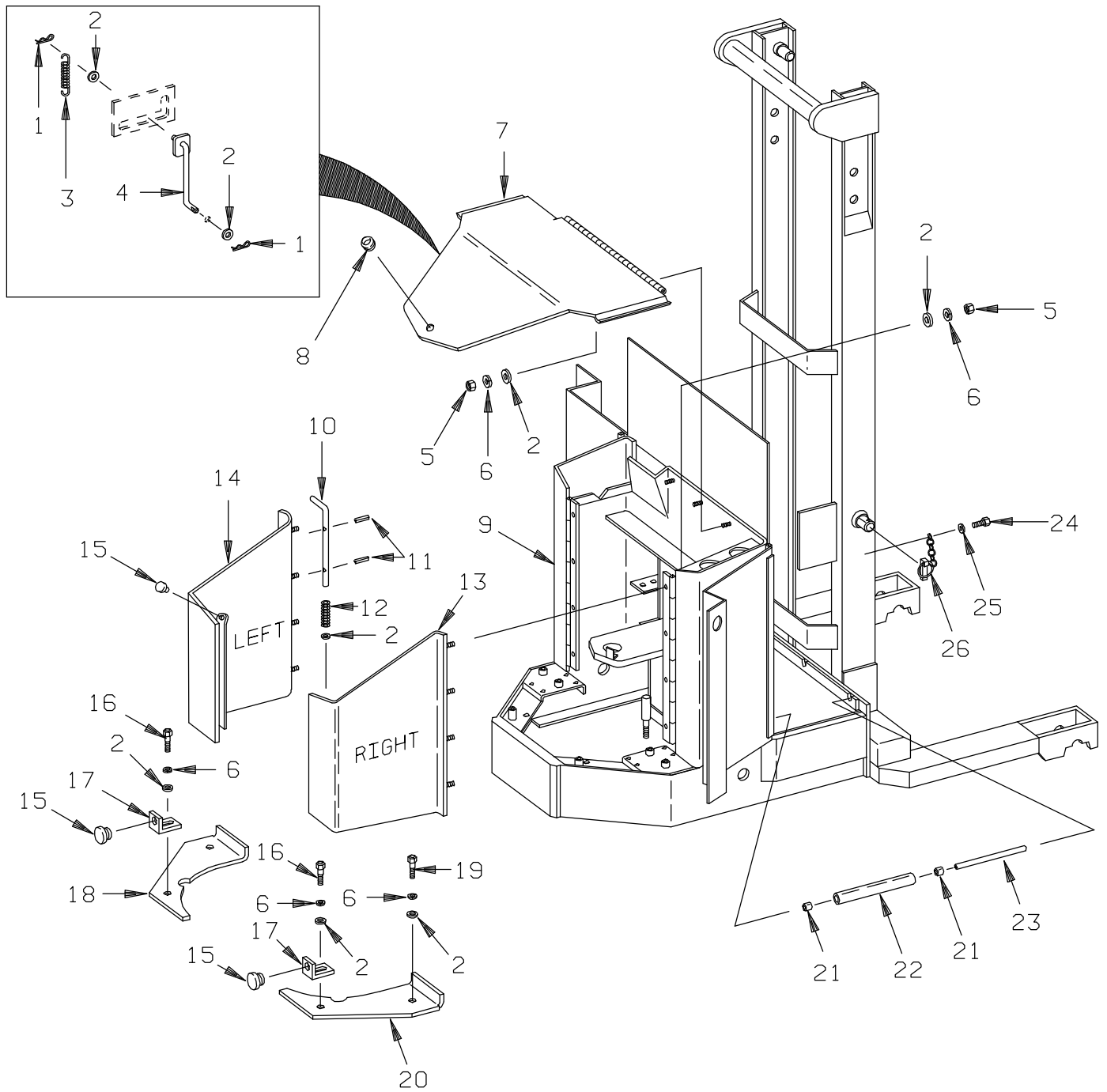


FIGURE # 4.6 PALLET CLAMP INSTALLATION

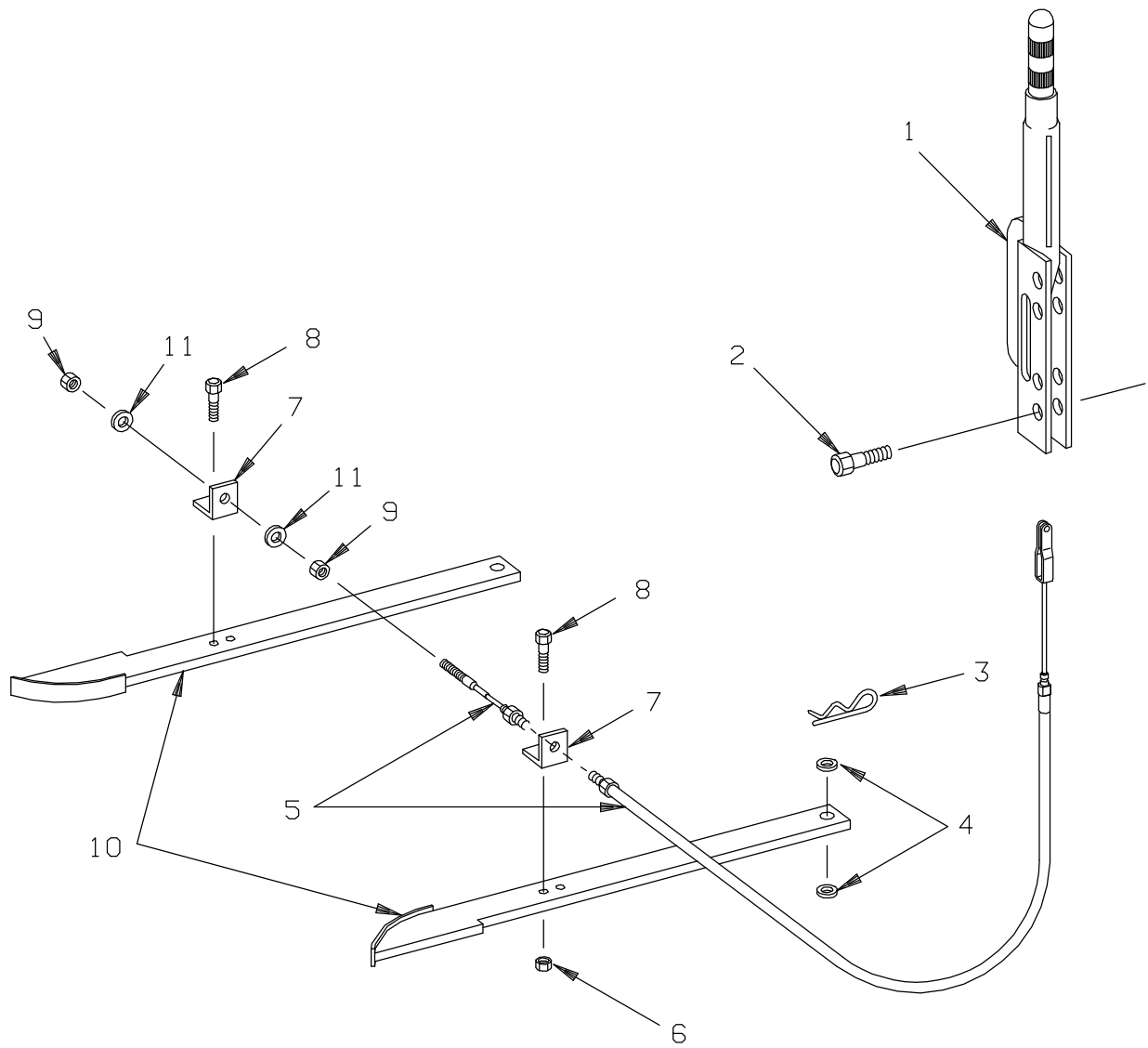
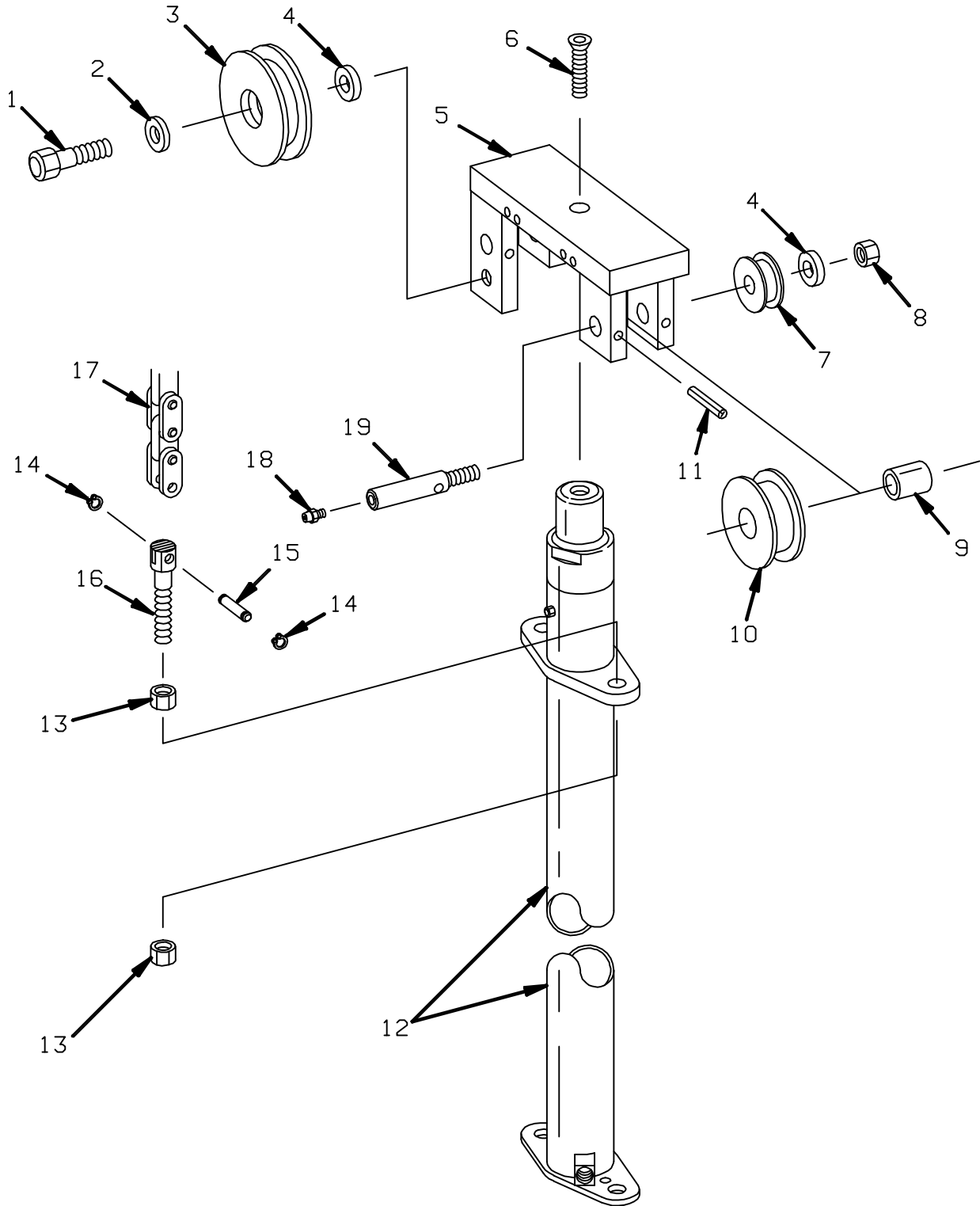


FIGURE # 5.3 LIFT CYLINDER AND RELATED PARTS



OE-15C ELECTRIC ORDER SELECTOR

NUMERICAL INDEX

<u>PART #</u>	<u>FIG. #</u>	<u>ITEM #</u>	<u>PART #</u>	<u>FIG.#</u>	<u>ITEM #</u>
11854-05	2.8	29*	14959-00	4.8	2
11857-02	4.6	4	14972-11	3.3	9
11857-02	4.3	6	14979-07	2.7	11
11857-03	5.2	9	14986-03	1.1	15
11857-03	5.4	1	14986-03	4.4	7
11857-03	4.5	16	14993-18	4.7	17
11857-07	4.6	2	14993-18	5.3	2
11859-03	1.3	23	14994-05	5.3	1
11878-02	1.3	22	14994-05	4.7	20
11880-06	2.12	5	14994-08	1.2	15
11880-08	1.1	16	14997-01	3.3	20
11880-08	2.7	13	14998-01	1.2	21
11880-08	4.4	5	14999-01	1.3	25
11881-04	2.1	20	15609-31	3.3	17
11885-06	2.9	12	15609-41	3.3	25
11885-06	2.21	11	15672-03	3.4	2
11885-08	2.12	6	15677-08	2.18	7
11885-10	1.1	1	15677-08	2.6	7
11890-01	1.3	3	15848-02	3.3	12
11890-03	1.3	17	20002-00	1.3	13
11894-12	4.2	22	20003-00	1.2	13
11898-01	1.1	36	20040-00	1.4	4
11898-07	1.1	12	20045-02	1.3	14
11899-01	4.7	11	20064-01	1.3	26
11936-04	4.2	19	20065-00	1.3	33
11936-04	1.3	27	20067-00	1.3	16
11936-06	4.2	8	20069-01	1.1	18
11936-07	1.4	5	20070-01	1.1	17
11936-07	4.2	14	20071-01	1.2	17
11936-08	1.3	29	20071-03	1.2	17
12078-00	4.6	1	20134-00	1.2	5
12247-00	3.3	2	20140-01	2.9	14
12391-05	3.3	26	20140-01	2.17	10
12391-10	3.6	16	20140-02	2.21	23
12459-00	1.3	18	20140-02	2.17	10
13280-00	5.1	7	20140-02	2.9	14
13280-00	5.3	15	20141-00	2.9	10
13281-01	5.3	14	20141-00	2.21	20
13281-01	5.1	6	20141-01	2.21	17
13928-00	3.4	10	20141-01	2.17	10
14859-04	3.3	13	20143-01	2.8	20
14889-01	3.3	15	20148-01	2.6	1
14910-03	2.19	*	20148-01	2.18	1
14910-03	2.7	4	20148-01	2.7	22
14911-04	2.5	17	20148-02	2.5	24
14911-06	2.19	*	20148-02	2.18	11
14911-06	2.7	1	20148-02	2.6	11
14913-03	2.7	18	20151-00	2.7	10
14913-08	2.5	7	20151-00	2.19	10
14914-06	3.4	8	20159-02	2.8	22
14928-00	2.8	9	20163-38	2.5	14
14957-04	4.8	13	20163-49	2.12	8

PARTS ORDERING INSTRUCTIONS

HOW TO ORDER

When you order, supply the part number, quantity, model and serial numbers of your machine. Supplying this information will assure prompt, efficient handling of your order. The pictorial reference number is not needed and including it can only add confusion.

Since your dealer carries many parts in stock and maintains up-to-date prices on all parts, he will be able to process your order immediately. If, for some reason, the part is not in stock, he will order it from the factory. In either event, he maintains a current file of service manuals, which give all available parts ordering or technical information.

All prices are FOB factory in Muscatine, Iowa. Shipping charges are added to the price of the part shipping from the factory.

WHERE TO ORDER

Always order parts from the dealer who sold you your **BT PRIME-MOVER**. If it is necessary for the dealer to order parts from the factory, he is able to get prompt service for you. Parts are shipped in accordance with shipping instructions given on the order.

INSTRUCTIONS FOR RETURNING PARTS

Under **NO CIRCUMSTANCES** will parts be accepted at the factory for credit without prior approval. **THE BT PRIME-MOVER Co.** cannot accept responsibility for parts returned without authorization.

If you have some parts which must be returned, contact your dealer. If he believes parts should be returned, he will arrange for authorization to return the parts.

FIELD MODIFICATIONS

The regulations imposed by OSHA make it mandatory that alteration of industrial trucks be done only as approved in advance and in writing by the manufacturer. Their regulations apply to counter-weighting, changes in masts when such changes affect capacity and any other safety modifications. It is mandatory that nameplate and instructions be changed accordingly (1910.178 (a)(4)).

BT PRIME-MOVER will approve such changes requested as we can properly evaluate and rerate as to capacity. Normally a change will be evaluated upon receipt of a written request with full particulars, including truck and mast serial number, proposed changes, new heights of lift, etc.

If the change is approved, authorization will be sent, as will new nameplates or other labeling where appropriate. The new nameplates should be installed over the earlier nameplate.

The modifier should send confirmation of the change to the factory along with pictures of the revised truck.

EXPLANATION OF SERIAL NUMBER

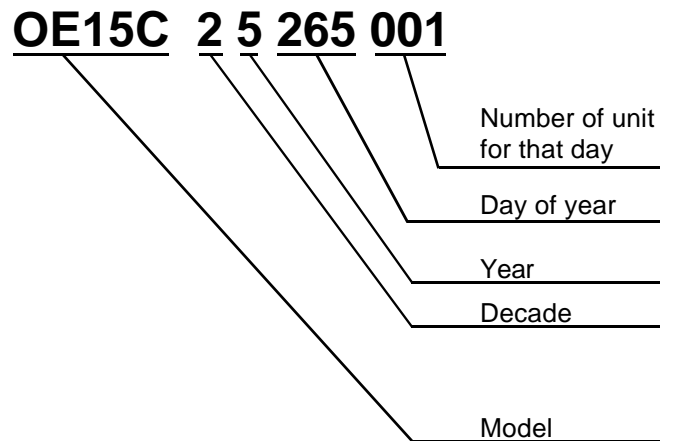




FIGURE 2.3 RESISTOR ELECTRICAL SCHEMATIC

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FIGURE # 2.14 EMERGENCY DISCONNECT CONTACTOR ASSEMBLY

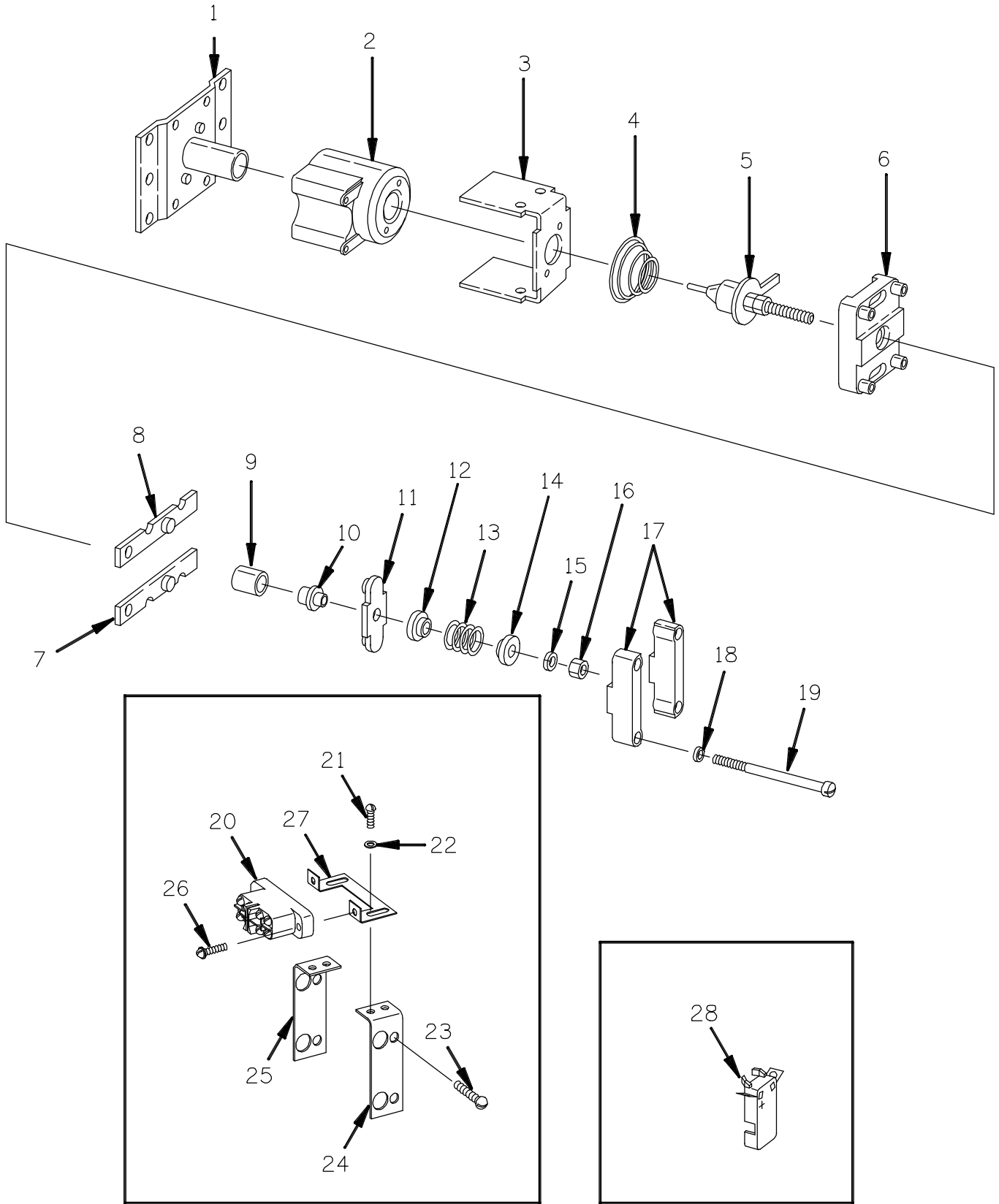


FIGURE 2.20 TRANSISTOR WIRING DIAGRAM PART # II (PLATFORM)

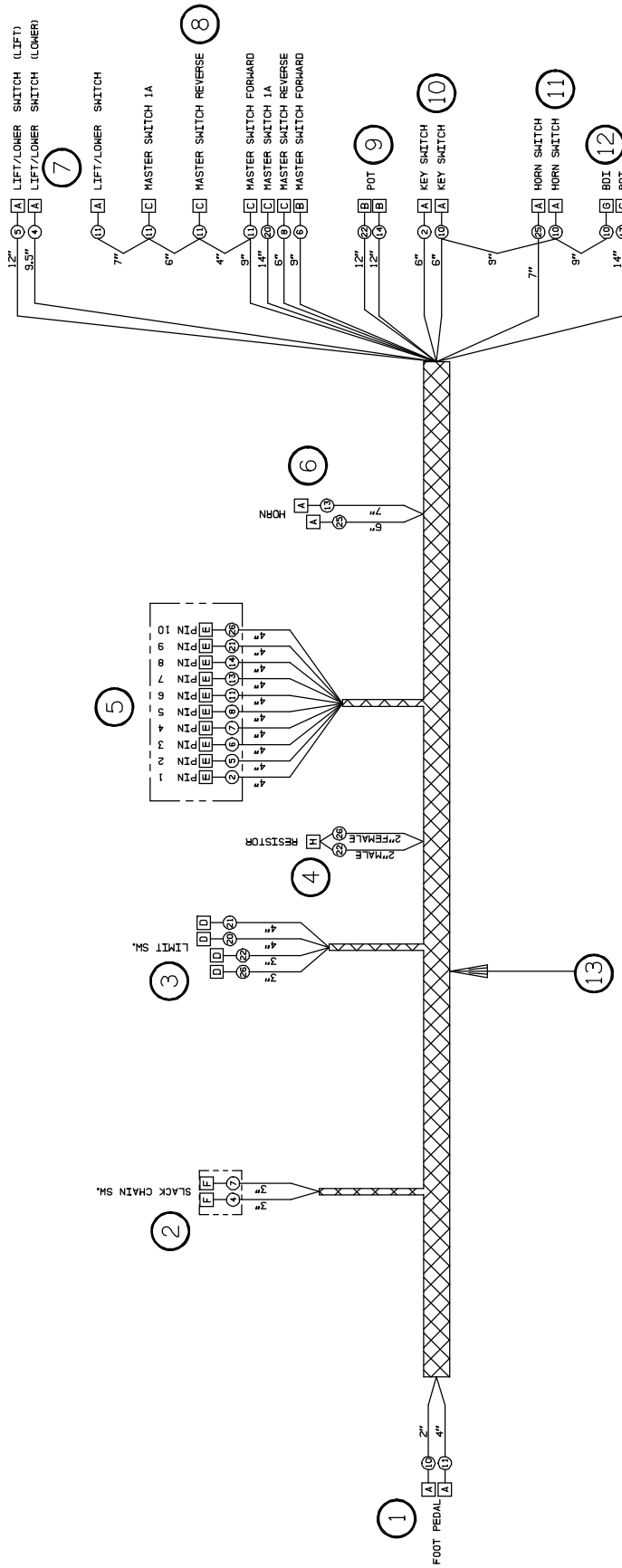
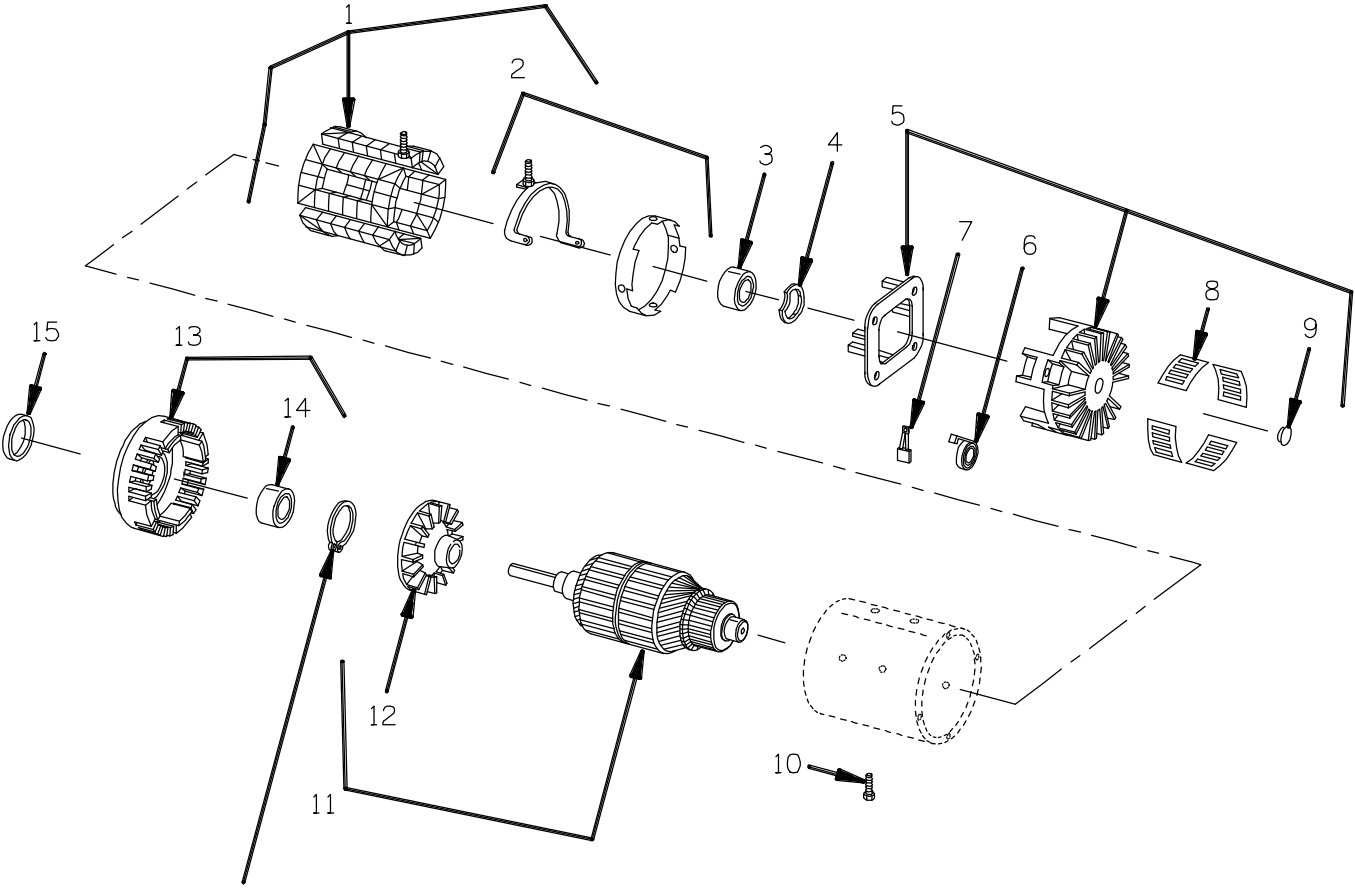
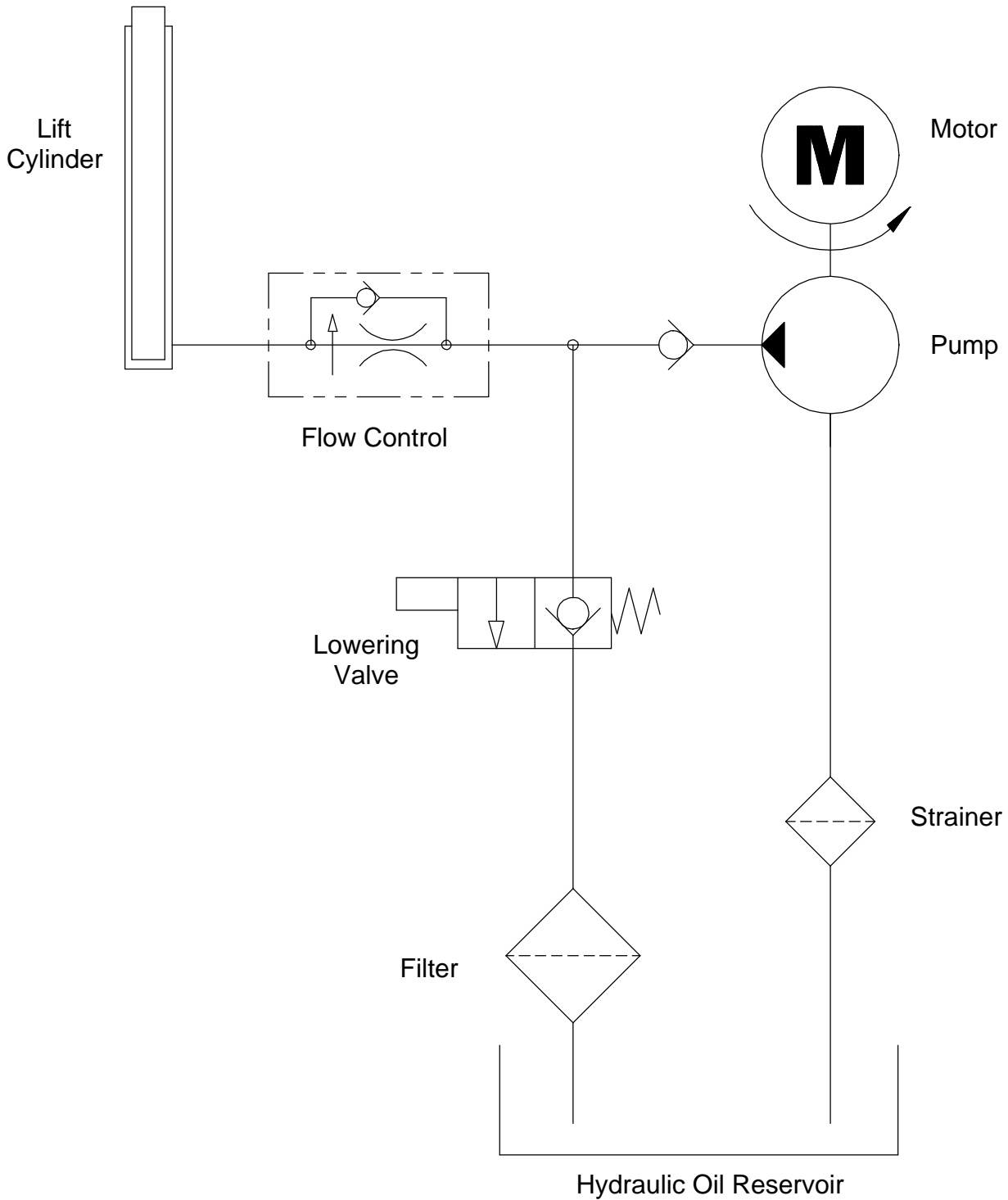


FIGURE 2.25 DRIVE MOTOR ASSEMBLY, 12 VOLT



SECURE THIS PART LOCALLY

FIGURE # 3.1 HYDRAULIC SCHEMATIC



LIFT CONTROL SYSTEM SCHEMATIC

FIGURE # 4.1 SHIELDING ASSEMBLY

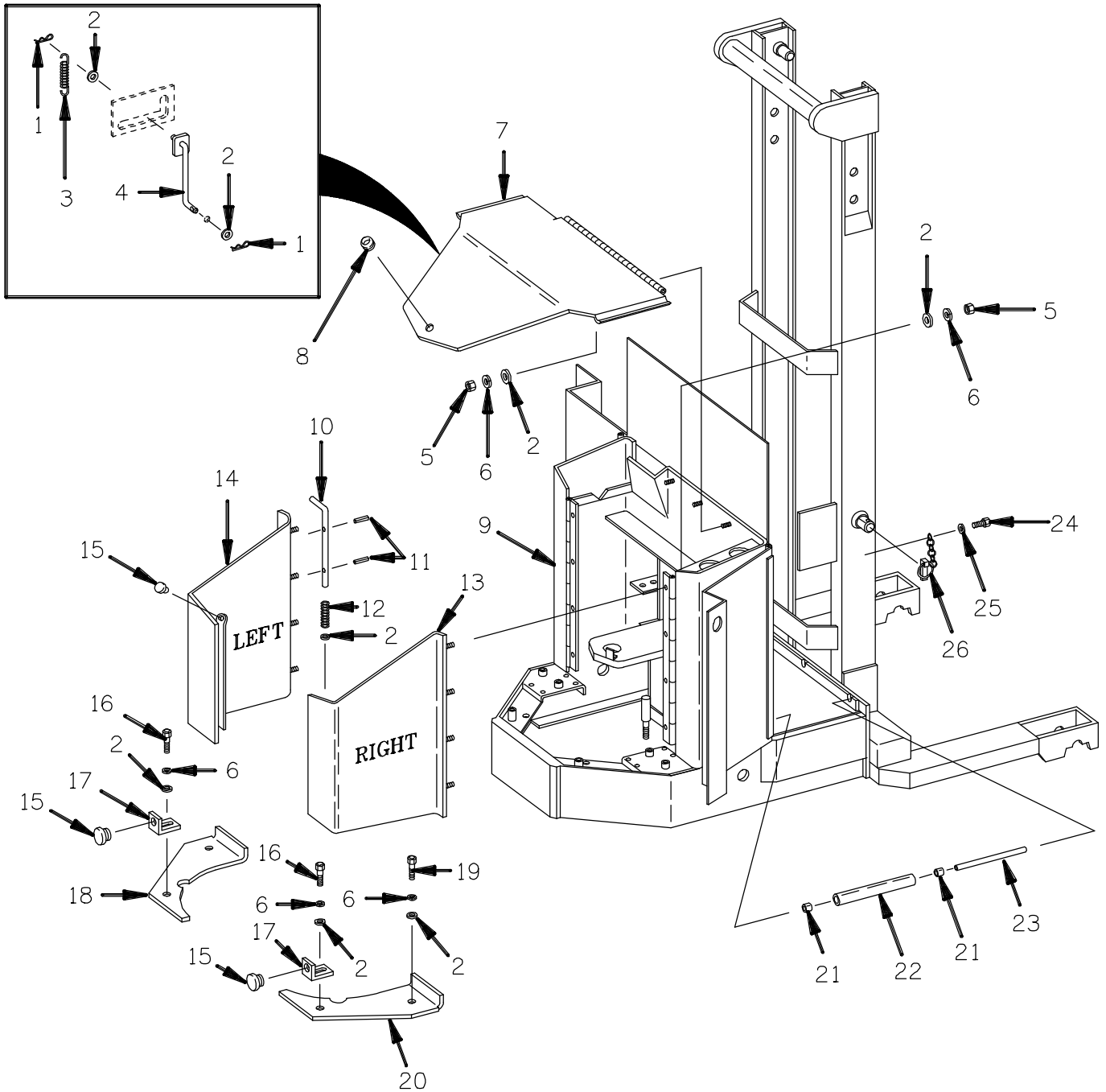


FIGURE # 4.6 PALLET CLAMP INSTALLATION

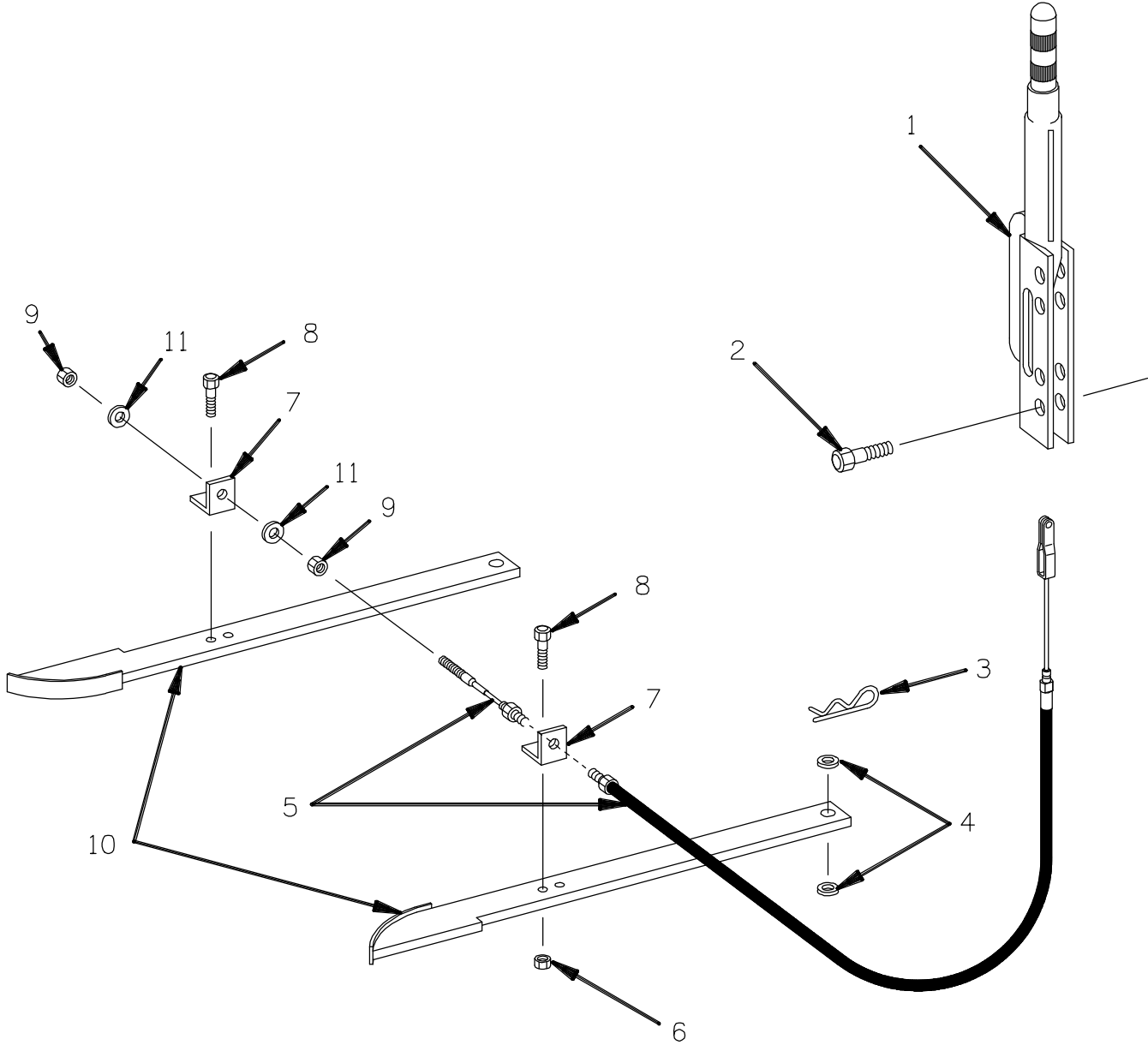
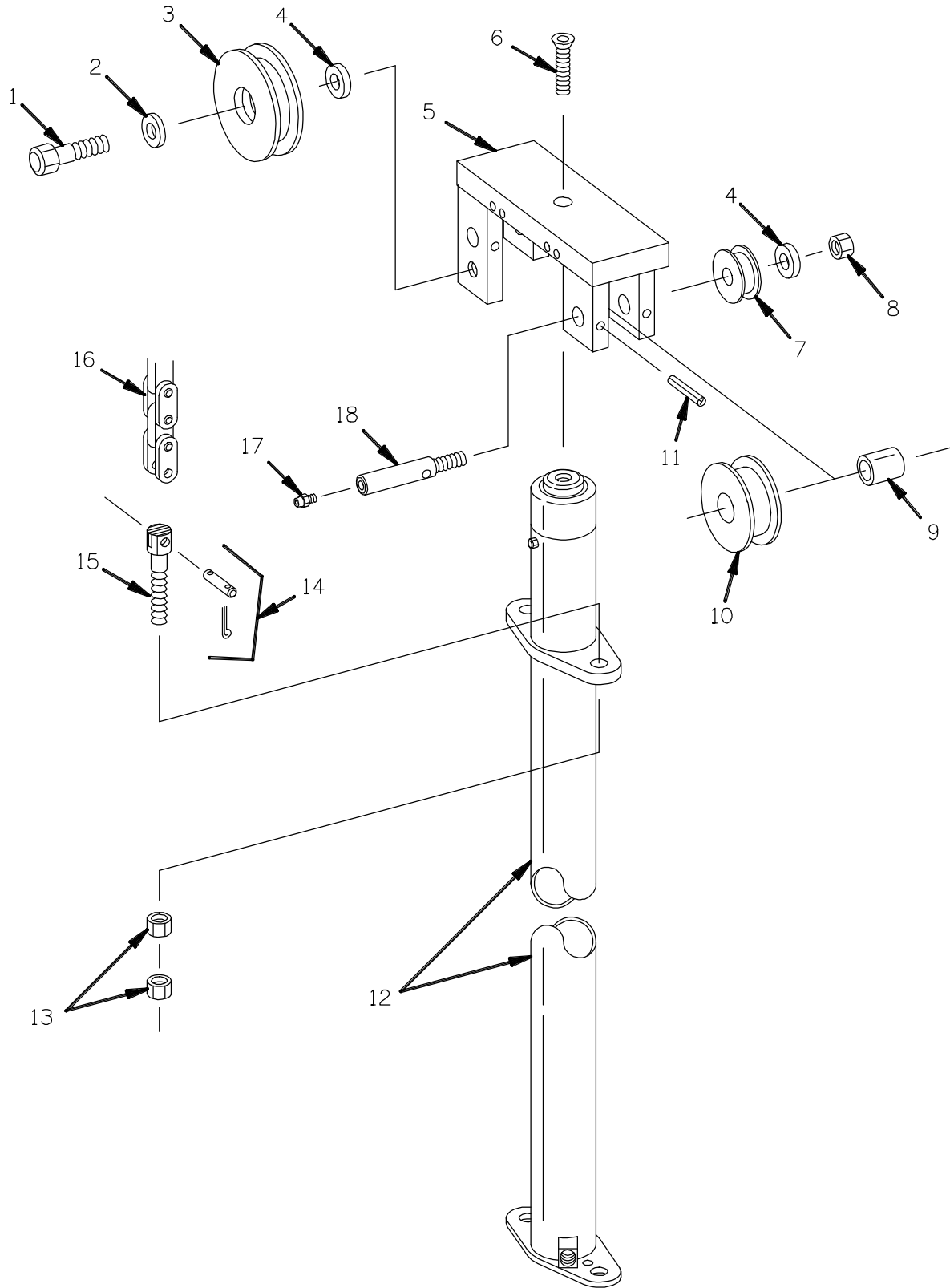


FIGURE # 5.3 LIFT CYLINDER AND RELATED PARTS



ELECTRIC ORDER SELECTOR

NUMERICAL INDEX

<u>PART #</u>	<u>FIG. #</u>	<u>ITEM #</u>	<u>PART #</u>	<u>FIG #</u>	<u>ITEM #</u>
200094	2.11	19	201266	2.14	13
200094	2.14	12	20134-00	1.2	5
200095	2.11	10	201372	2.11	18
200095	2.10	25	201372	2.10	17
200096	2.11	9	201372	2.14	19
200096	2.10	26	20140-01	2.9	14
200096	2.14	9	20140-02	2.18	10
200140	2.25	10	20140-02	2.9	14
200151	2.25	2	20140-02	2.22	23
200163	2.25	9	20141-00	2.22	20
200178	2.25	8	20141-00	2.9	10
200204	2.25	7	20141-01	2.18	10
200206	2.25	1	20141-01	2.22	17
200214	2.25	6	20143-01	2.8	20
200238	2.25	11	201435	3.3	17
200302	2.25	5	20148-01	2.19	1
200304	2.25	13	20148-01	2.6	1
200306	2.25	12	20148-01	2.7	22
200314	2.25	4	20148-02	2.5	24
200320	2.25	3	20148-02	2.19	11
200320	2.25	14	20148-02	2.6	11
200322	2.25	15	20151-00	2.7	10
20040-00	1.4	4	20151-00	2.20	10
20045-02	1.3	14	20159-02	2.8	22
20064-01	1.3	26	20163-38	2.5	14
20065-00	1.3	33	20163-49	2.12	8
20067-00	1.3	16	20163-60	2.12	9
20069-01	1.1	18	20163-72	2.5	18
200695	3.5	30	20163-74	2.5	19
200704	3.5	15	20163-85	2.5	10
200704	3.5	36	20163-85	2.9	20
200706	3.5	32	20176-00	1.3	11
20070-01	1.1	17	20182-00	1.4	2
20071-01	1.2	17	20188-00	2.6	2
20071-03	1.2	17	20188-00	2.19	2
200714	3.5	4	20188-00	2.7	21
200720	3.5	11	20189-00	2.6	12
200750	3.5	19	20189-00	2.5	25
200752	3.5	10	20189-00	2.19	12
200766	3.5	29	201890	2.13	5
201259	2.11	12	201891	2.13	5
201259	2.14	14	201893	2.13	1
201262	2.11	4	201895	2.13	18
201266	2.10	10	201896	2.13	4
201266	2.11	13	201897	2.13	17

PARTS ORDERING INSTRUCTIONS

HOW TO ORDER

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FIELD MODIFICATIONS

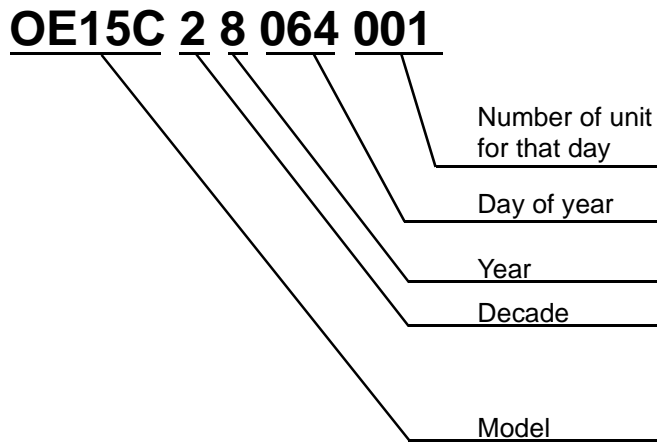
The regulations imposed by OSHA make it mandatory that alteration of industrial trucks be done only as approved in advance and in writing by the manufacturer. Their regulations apply to counter-weighting, changes in masts when such changes affect capacity and any other safety modifications. It is mandatory that nameplate and instructions be changed accordingly (1910.178 (a)(4)).

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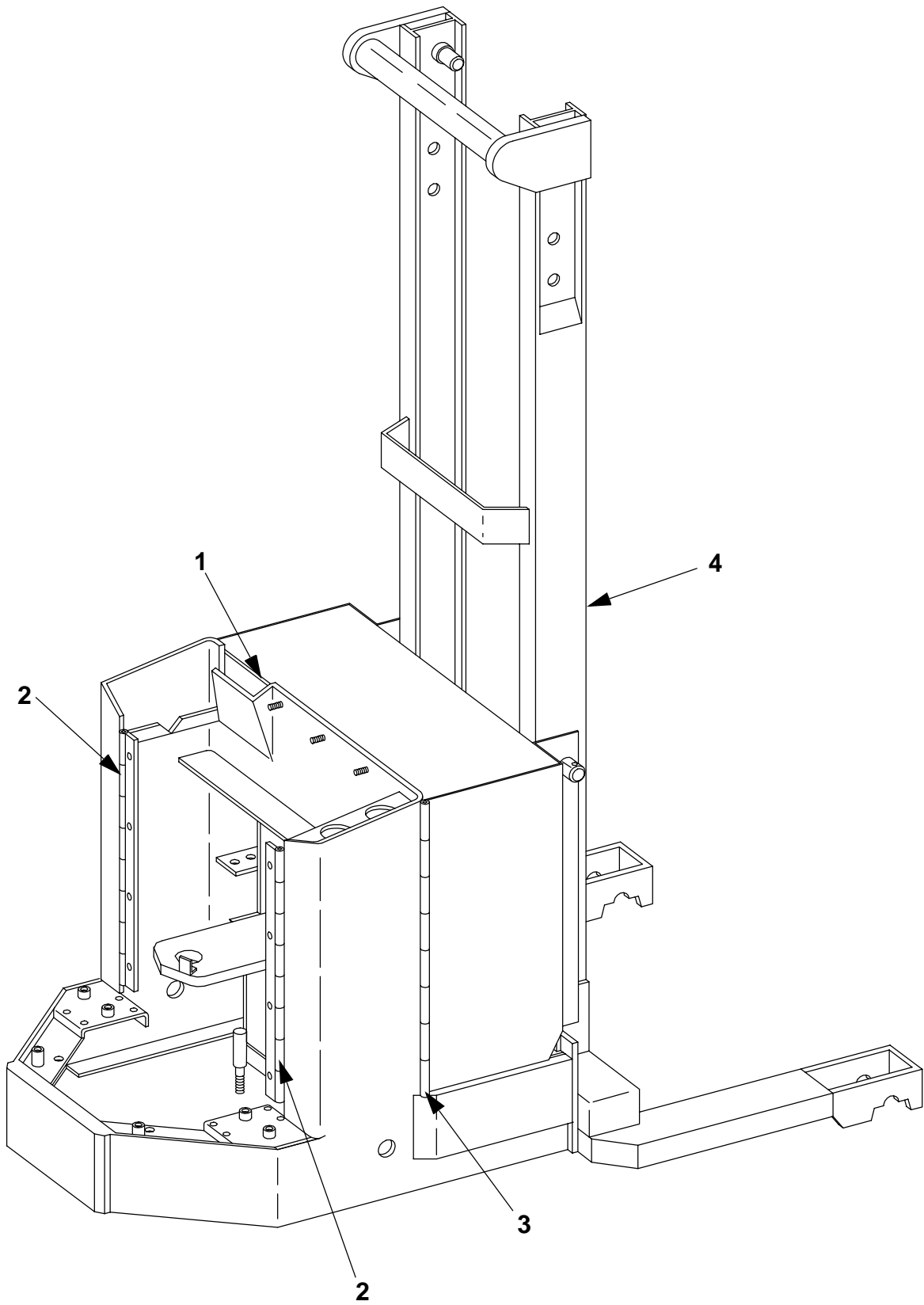
EXPLANATION OF SERIAL NUMBER



0300-000

Quality Parts

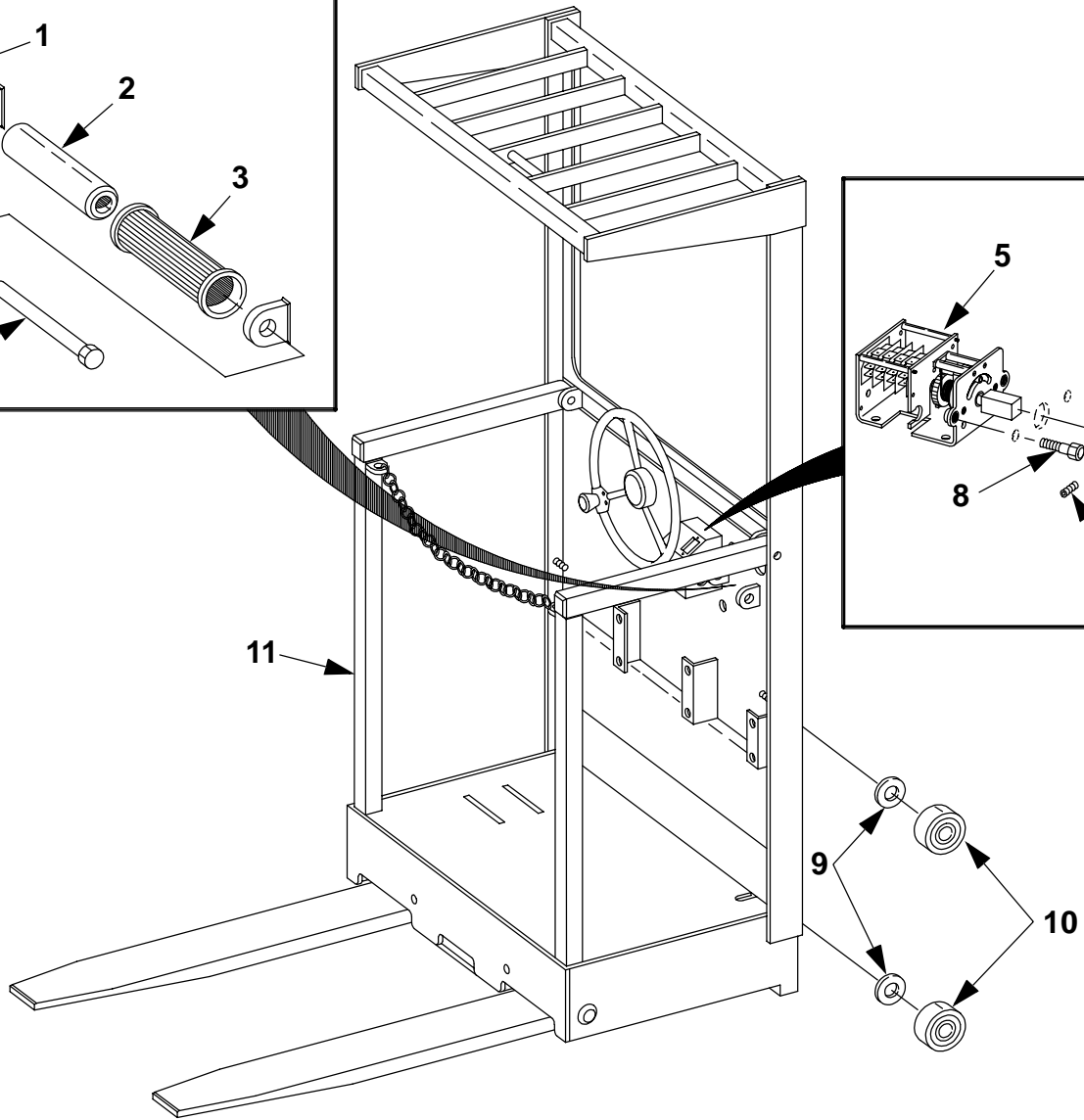
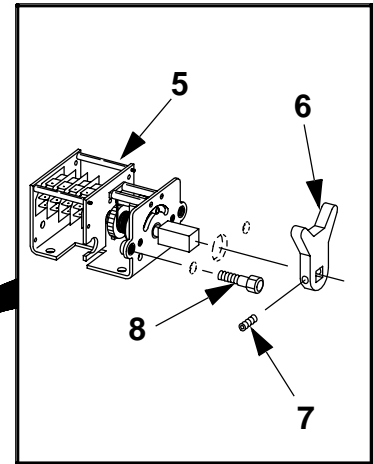
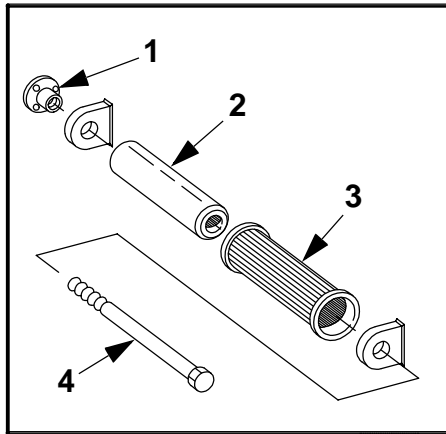
0300-000



0560-000

Quality Parts

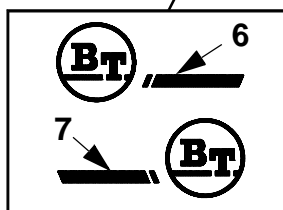
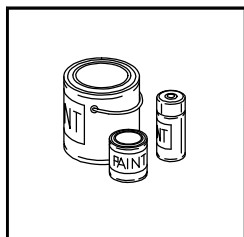
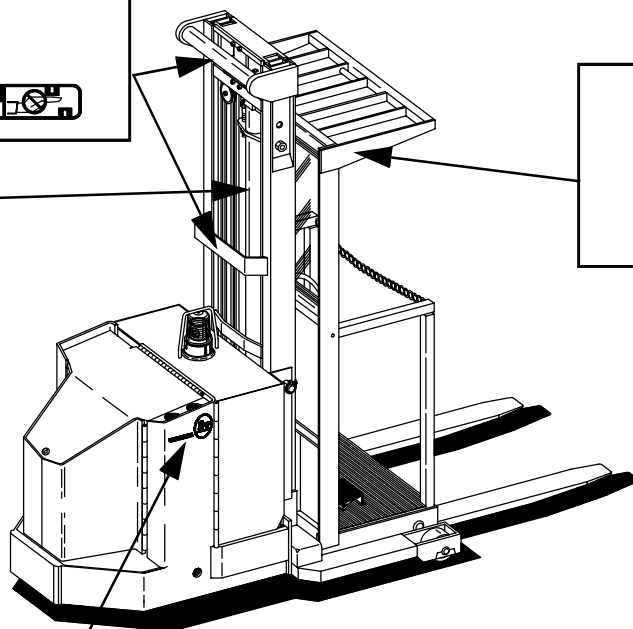
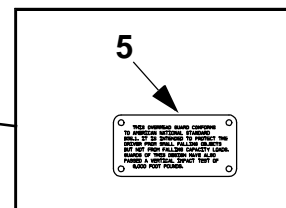
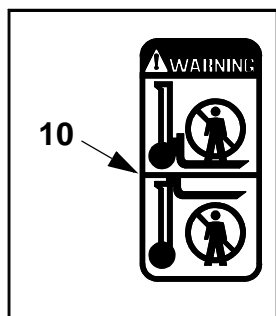
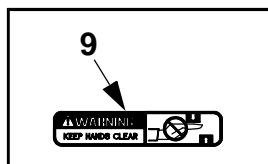
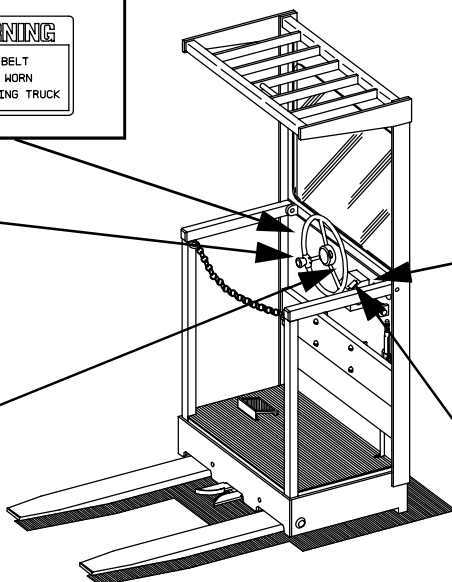
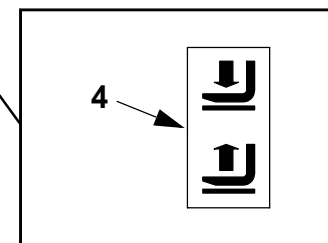
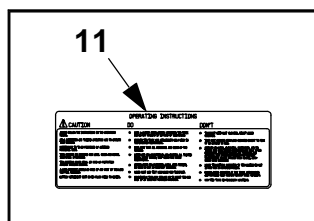
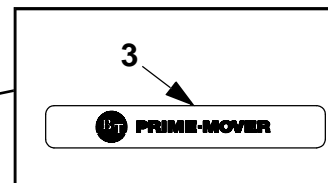
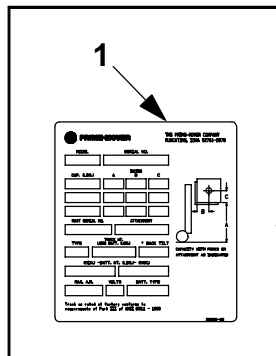
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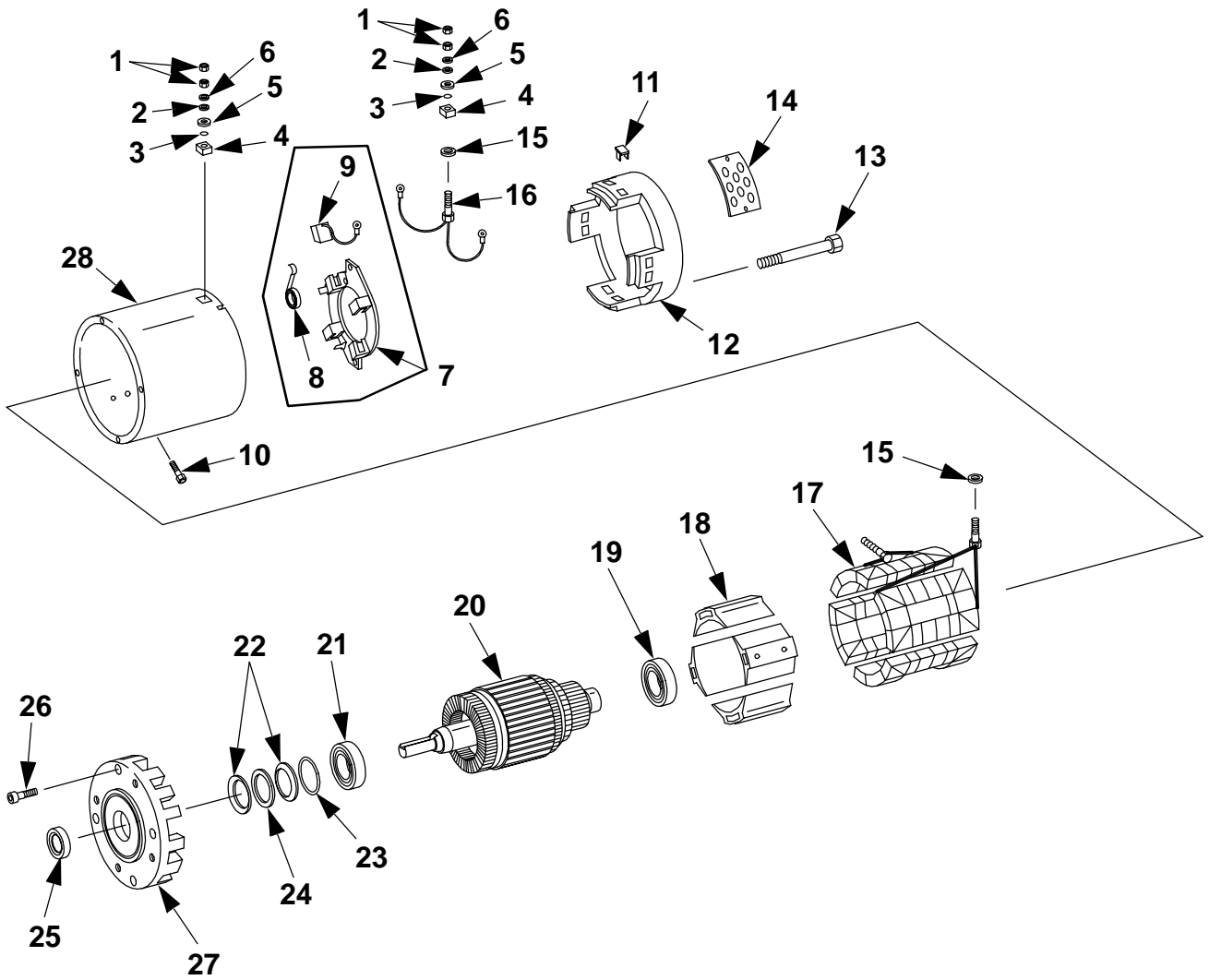
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0850-000



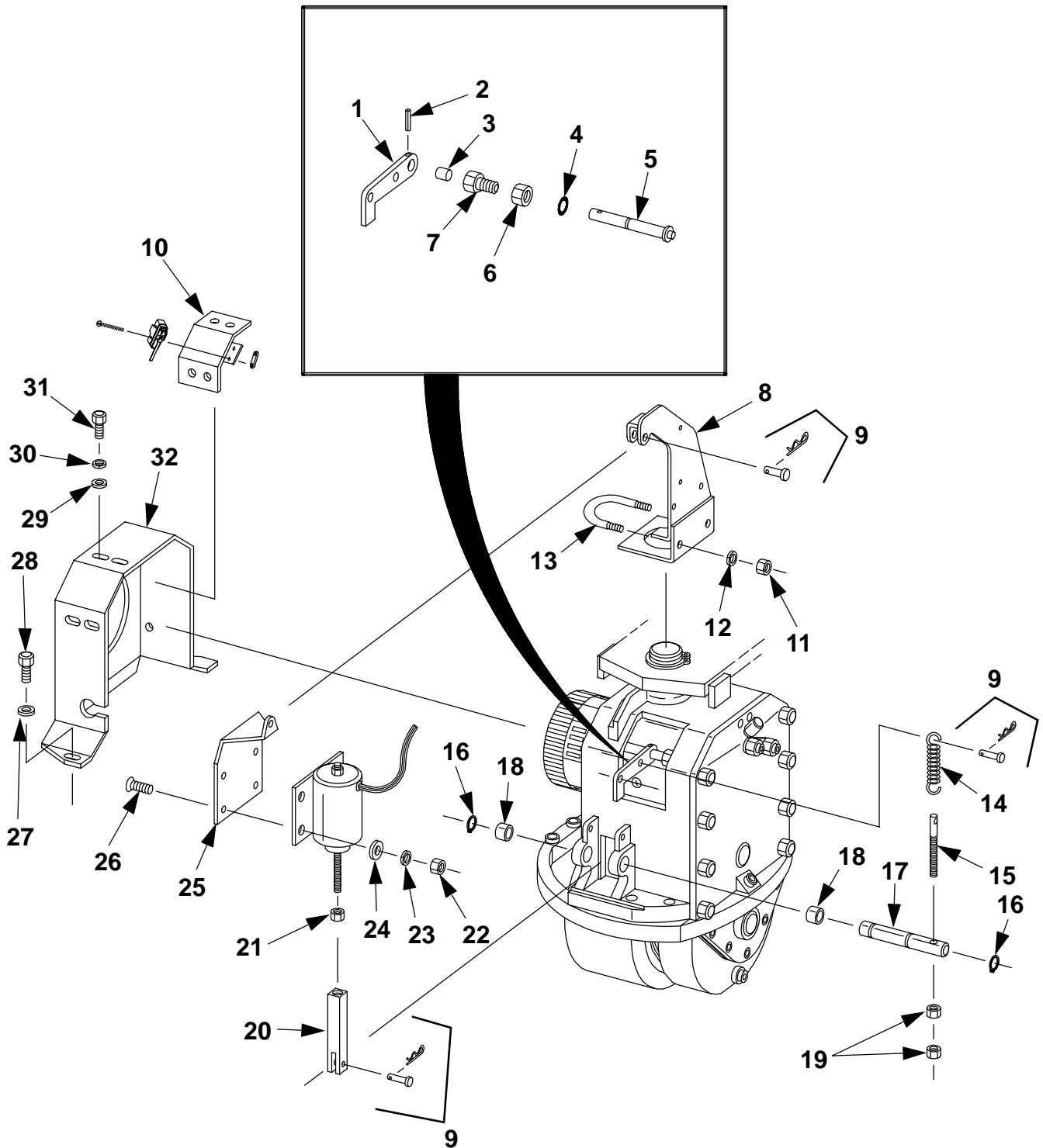
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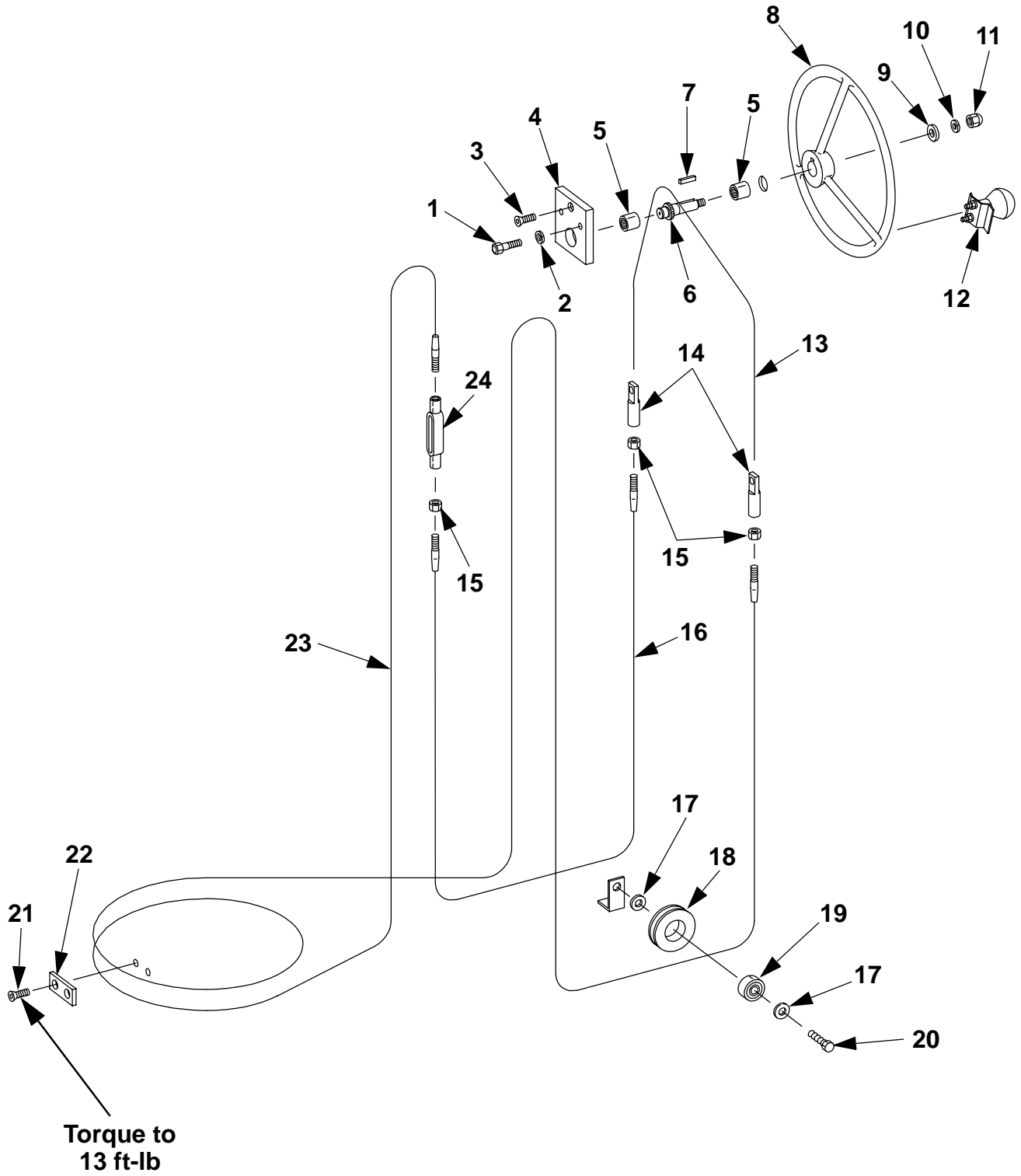
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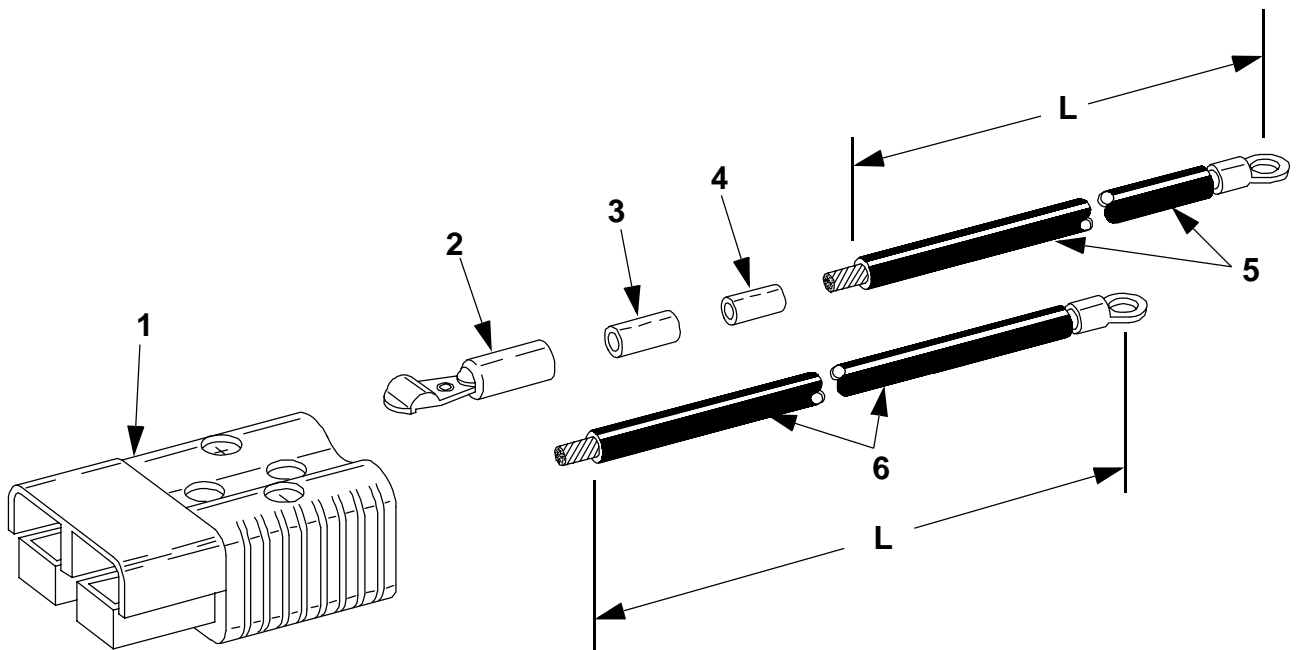
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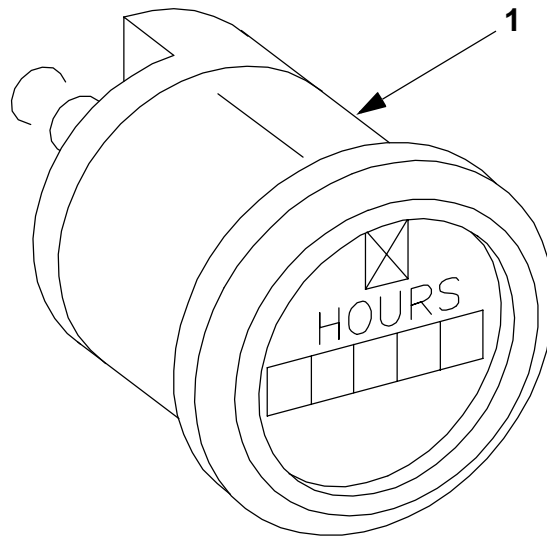
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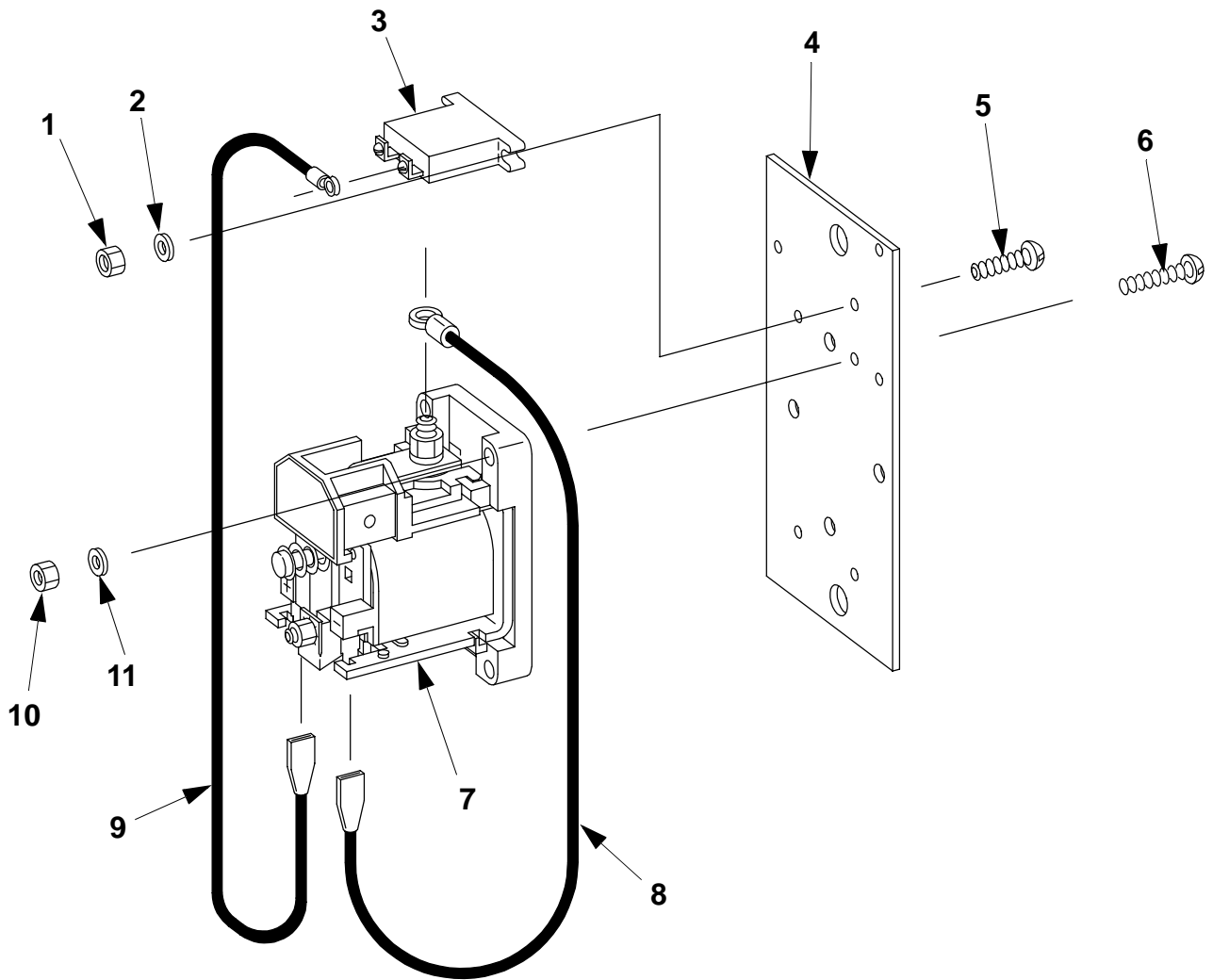
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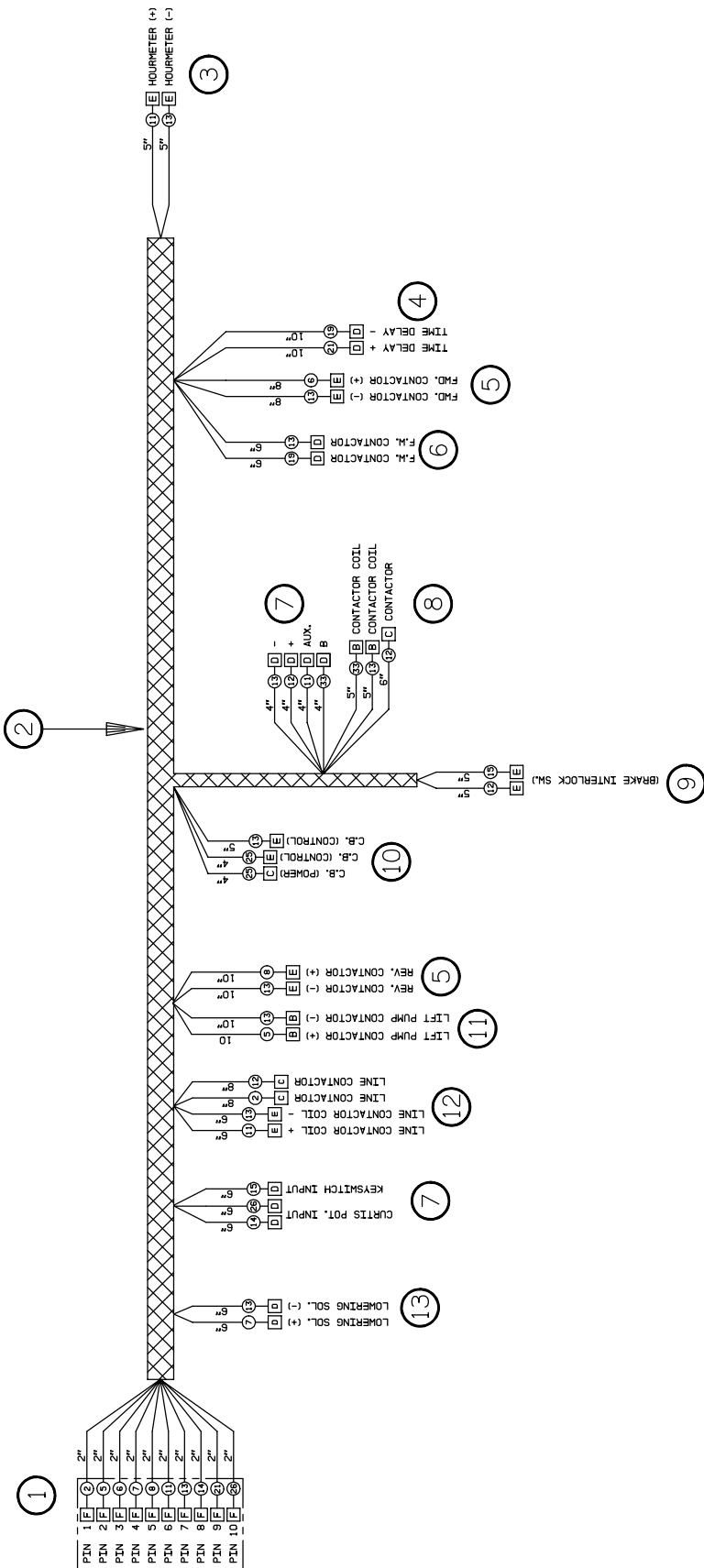
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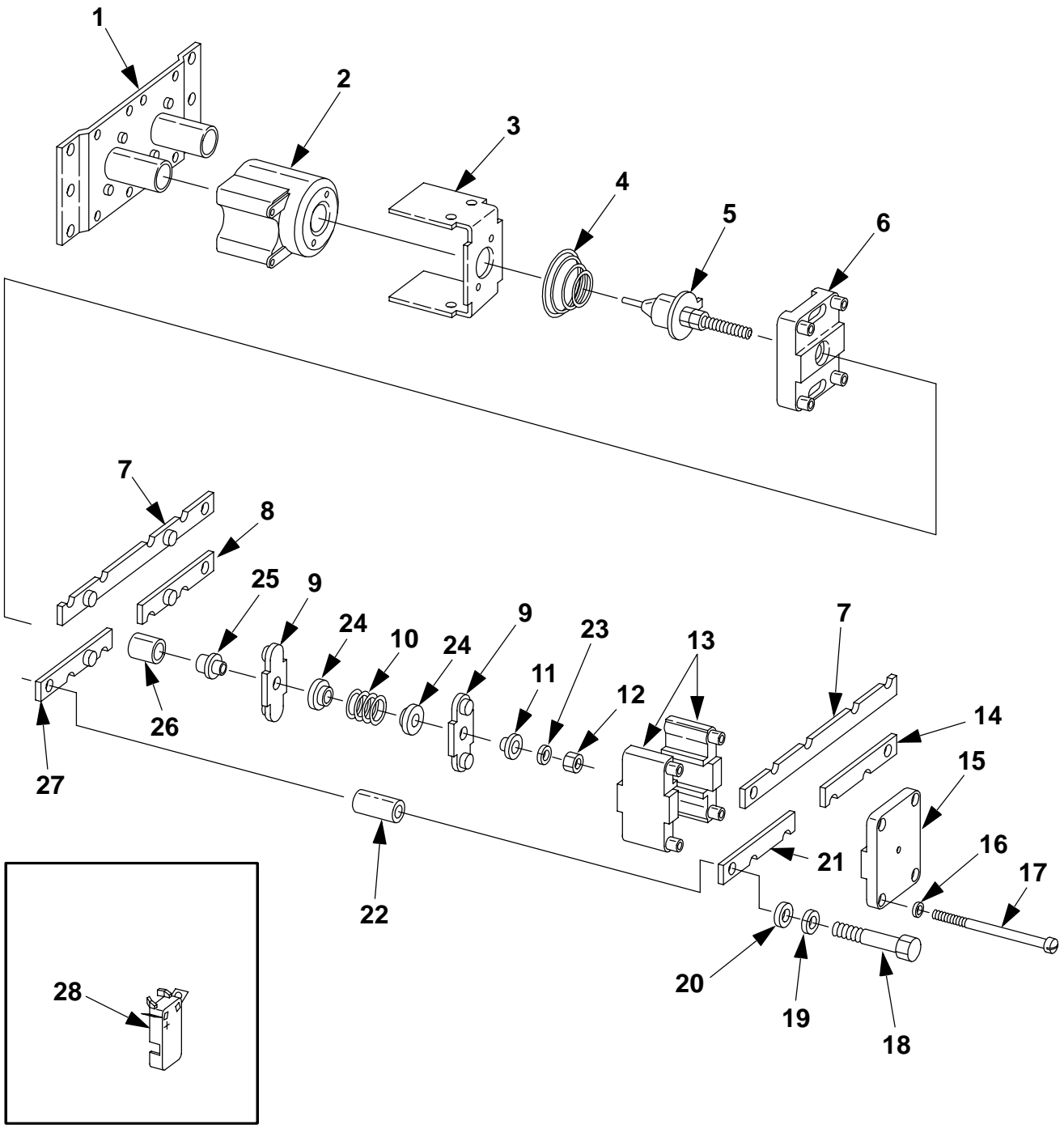
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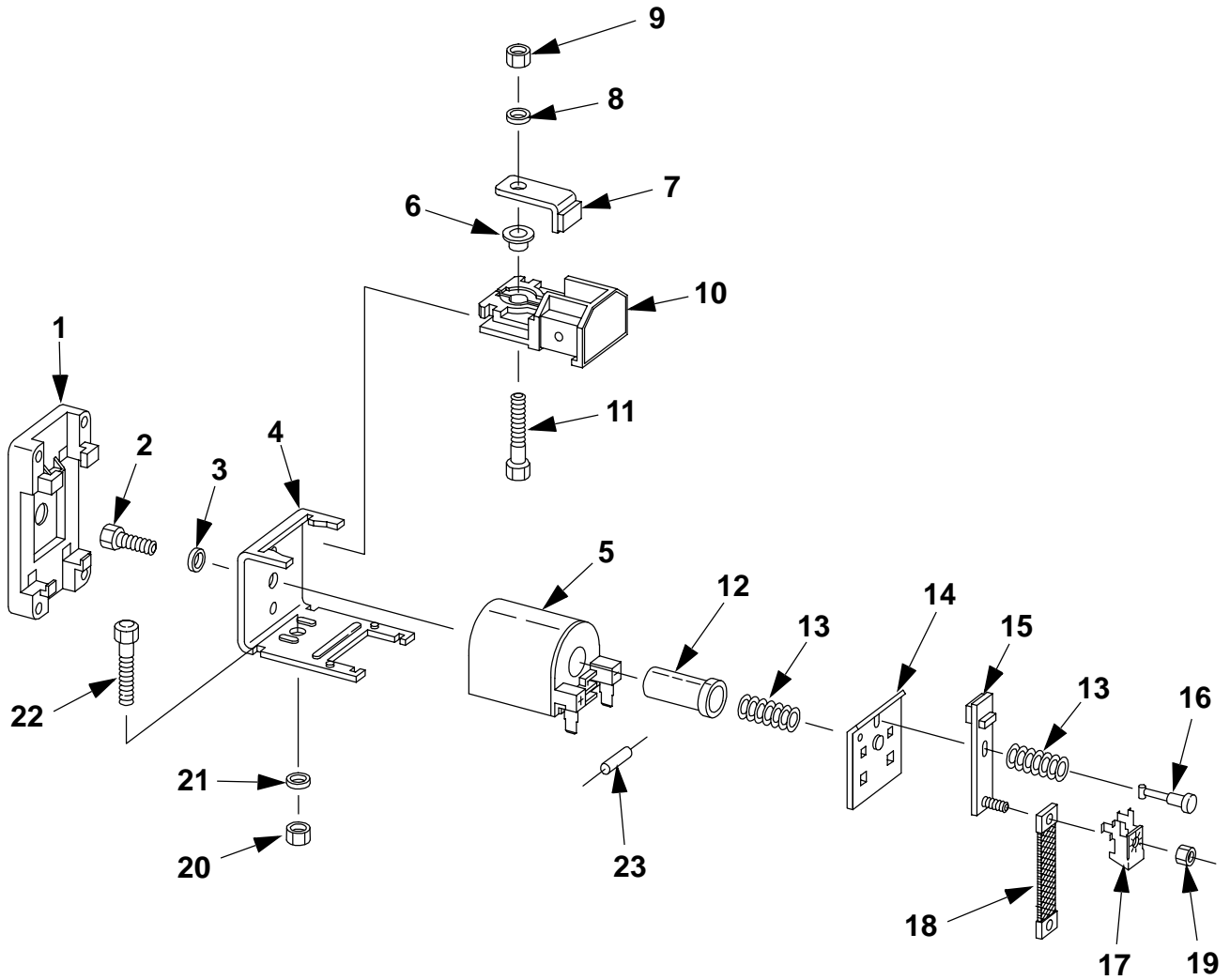
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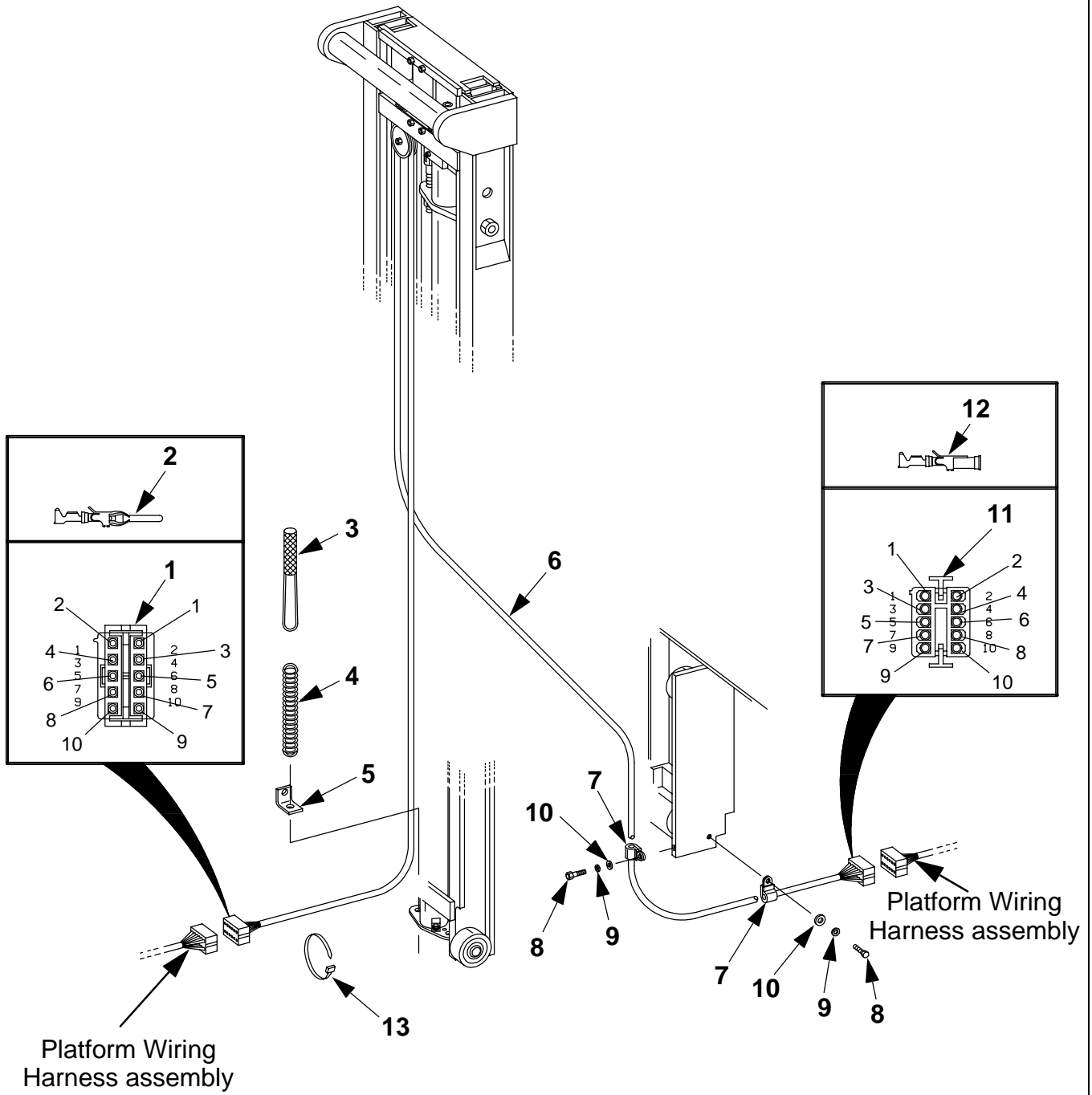
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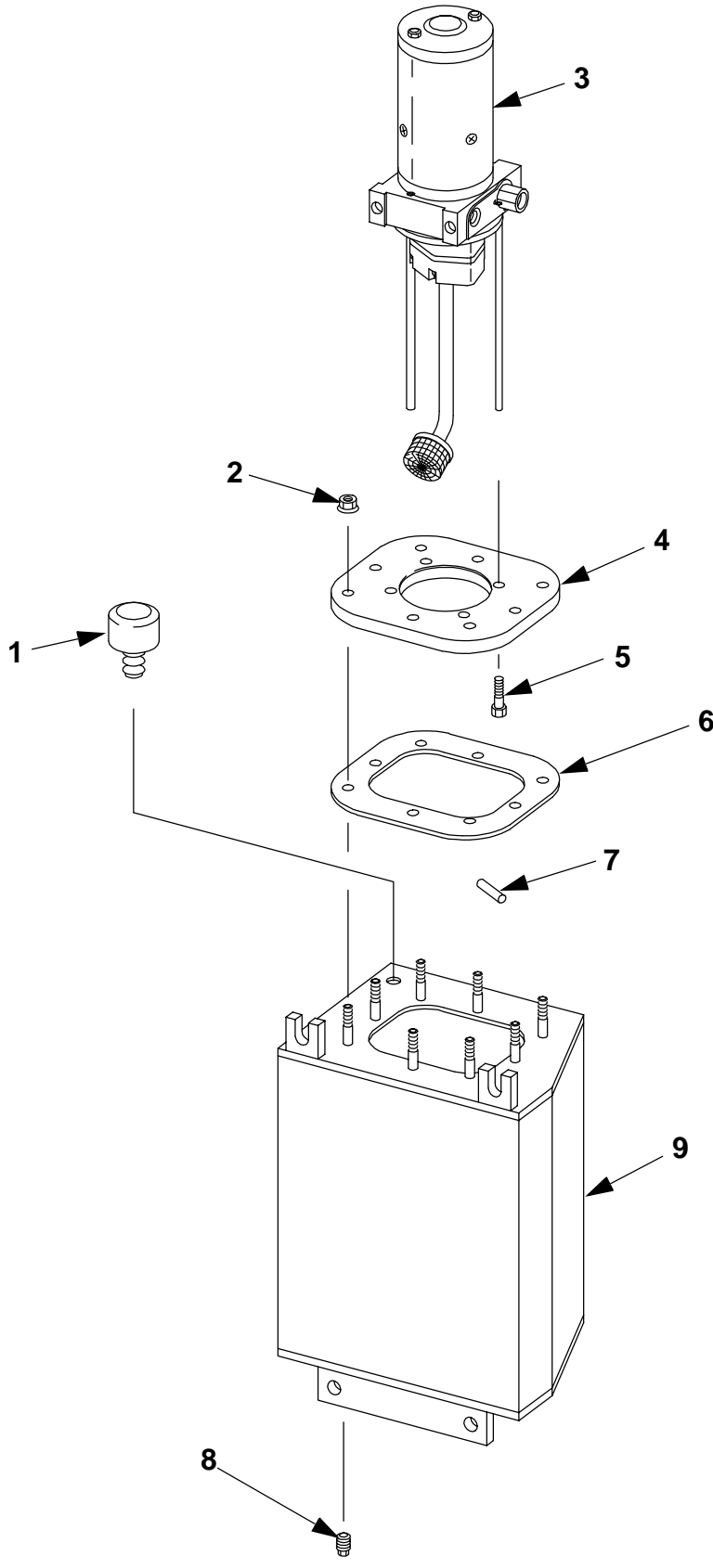
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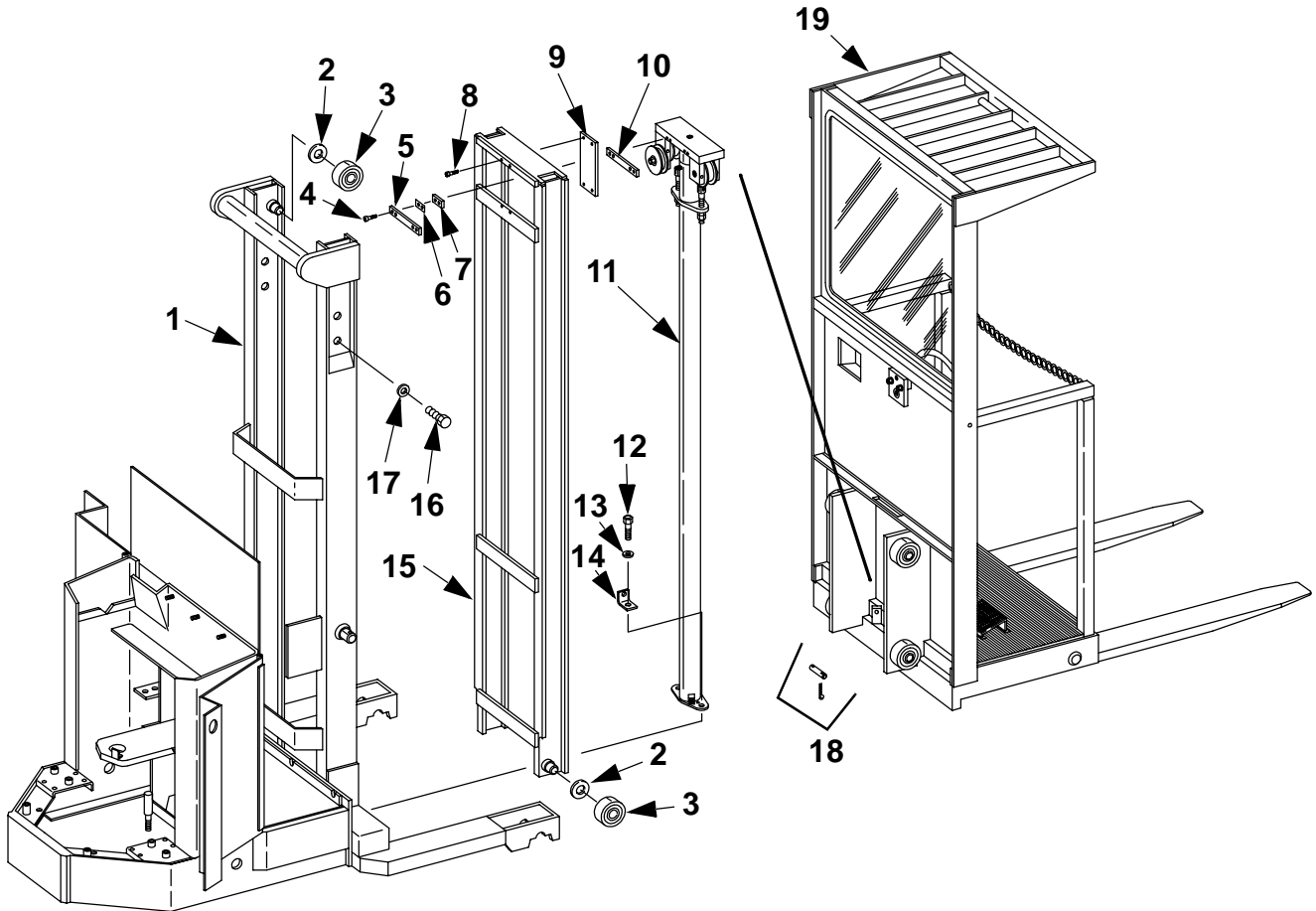
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6110-000



7100-000



9360-000

Quality Parts

9360-000

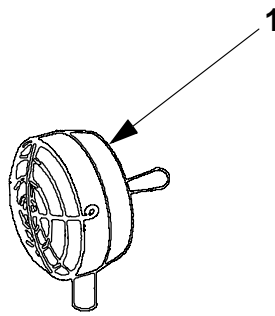
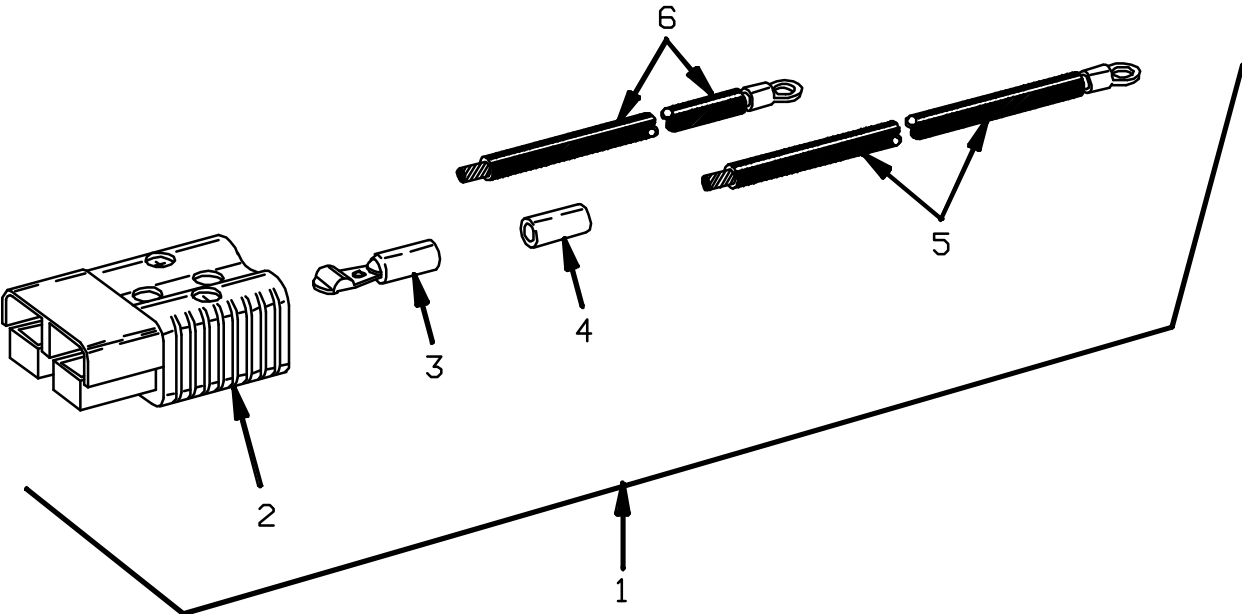


FIGURE # 2.15 POWER CONNECTOR ASSEMBLY (12 VOLT, 49855-26, 24 VOLT, 49855-27)

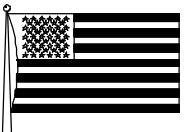




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