



A TEREX BRAND

Parts Manual

Serial Number Range

IWP

from serial number 4093-1003 to
4095-3167

Part No. 31504GT
Rev: G.03
October 2023

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

<http://www.genielift.com>

e-mail: awp.techpub@terex.com

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Second Edition, Seventh Printing

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 Printed on recycled paper

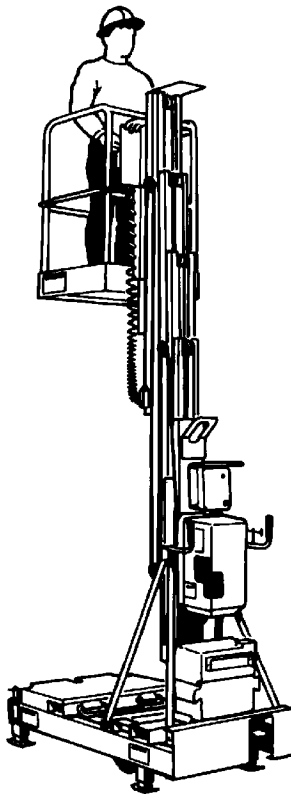
Important

Please have the serial number of your machine readily available as you use this parts manual. Many parts lists contain component listings followed by serial number breaks. Serial number breaks indicate a change in the fit, form or function of the part. Without the correct serial number, you may order a part that does not fit or work in your machine.

The serial number is found on the upper right corner of the serial plate. The serial plate is located on the back of the number 1 column.

If you have any questions about obtaining correct parts, please call the Genie Industries Service Parts Department.

The product code is found on the lower right corner of the serial plate.



Terex South Dakota, Inc.			
MODEL NO.	_____	SERIAL NO.	_____
MAX. LOAD	_____	PLATFORM HT.	_____
VOLTS	_____	A.C.	_____ Hz.
		D.C.	_____ AMPS.
CAUTION: STUDY OPERATING INSTRUCTIONS BEFORE USING			
18460 North East 76th Street P.O. Box 97200 Redmond, Washington U.S.A. 98073-9720 Telephone (206)881-1800			12055

serial number

product code

How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

Model _____

Serial Number _____

Date of Purchase _____

Authorized Genie Distributor _____

Phone Number _____

North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie AWP/IWP Service Manual*.

Description	Part No.
O-ring Kit (for O-ring Face Seal Fitting)	49612
Plug and Cap Kit (for O-ring Face Seal Fitting)	49613
Dielectric Grease	66399

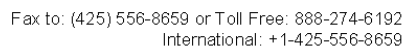
Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268
Decal Kit - Platform	31543
Decal Kit - AC Power Option	31542
Decal Kit - DC Power Option	31541
Decal Kit - Base and Mast	31544

Manuals

Genie Industries offers the following Support documents for these models:

Title	Part No
Genie IWP Operator's Manual (to July 1994)	31064
Genie IWP Operator's Manual (from July 1994 to April 1995)	33425
Genie AWP/IWP Service Manual, First Edition	31758
EMI Safety Manual	27581
Manual of Responsibilities	31587



Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

[illegible]

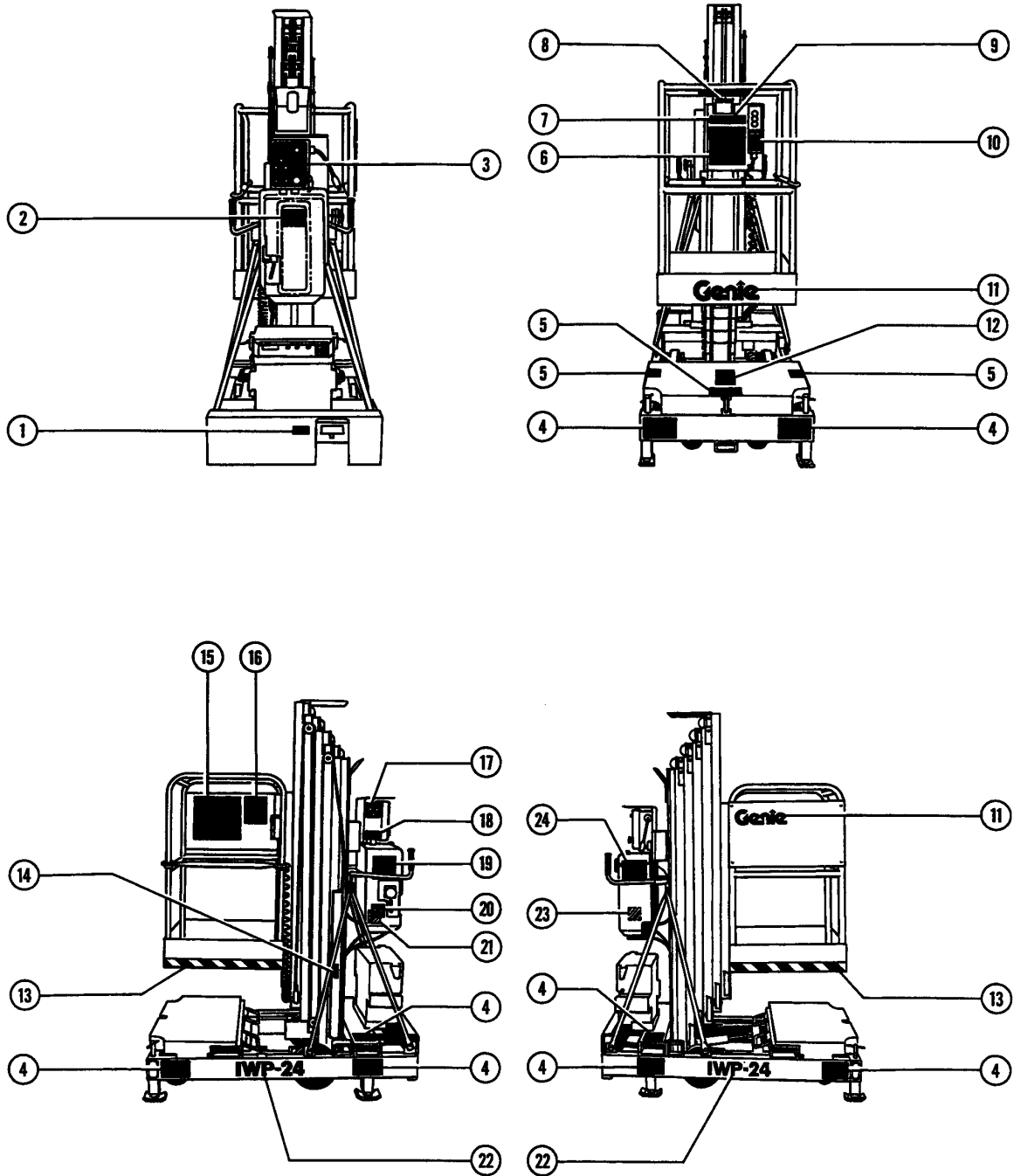
☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

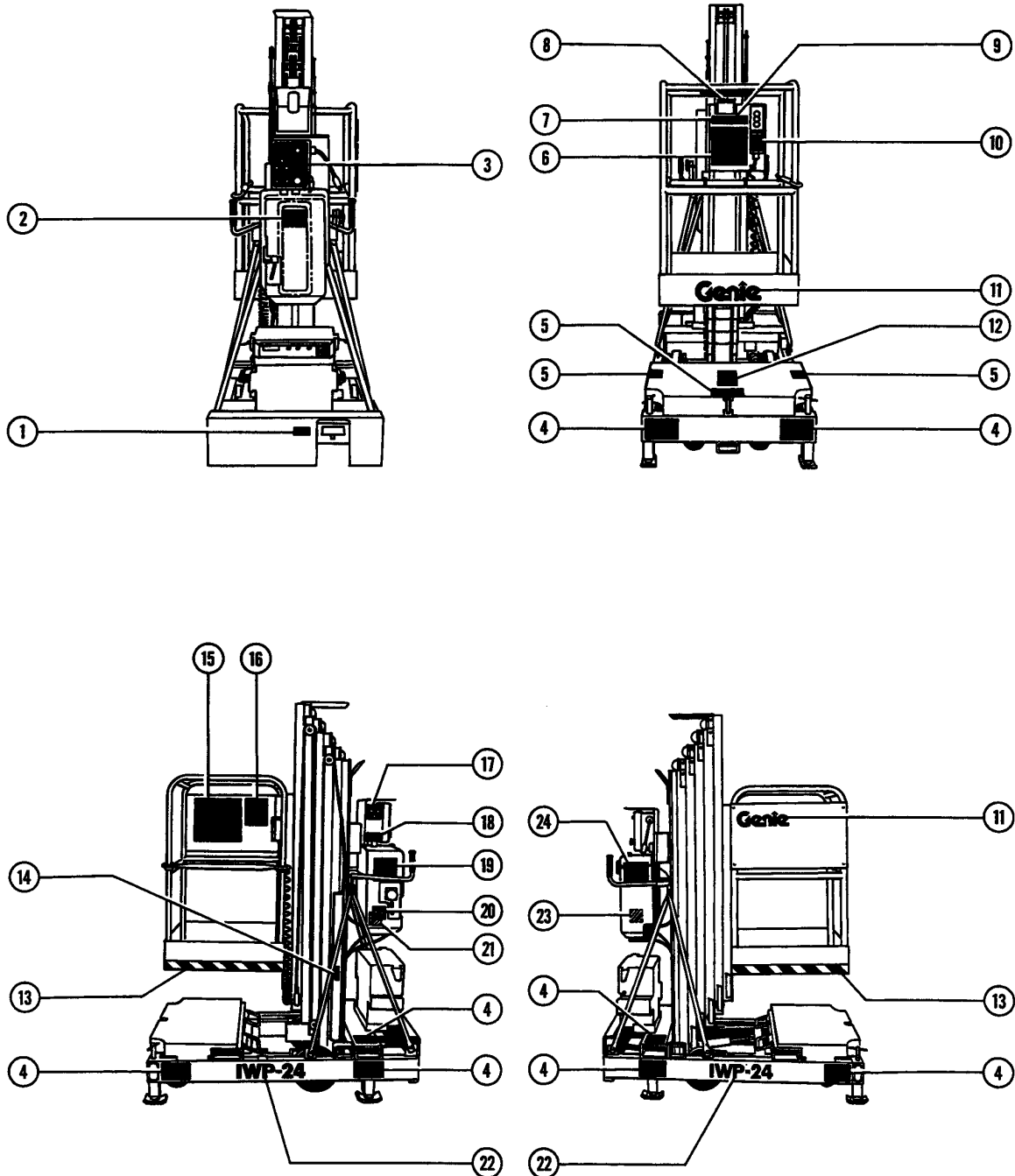
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101.1 Decals and Paint



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	31543GT	DECAL KIT,PLATFORM includes index numbers 9, 11,15 and 16	
	31542GT	DECAL KIT,AC POWER PACK includes index numbers 2, 3, 17-21, 23 and 24	
	31541GT	DECAL KIT,DC POWER PACK includes index numbers 2, 3, 17-21, 23 and 24	
	31544GT	DECAL KIT,IWP BASE includes index numbers 1,4-8, 10, 12-14 and 21	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
1	31073GT	DECAL,LABEL,FOOT PEDAL	1
2	31245GT	DECAL,WARNING,COLLISION HAZARD	1
3	31241GT	DECAL,LABEL,INTERLOCK DISPLAY	1
4	31075GT	DECAL,CAUTION,CRUSHING HAZARD	8
5	31236GT	DECAL,CAUTION,FOOT/HAND CRUSH	3
6	31239GT	DECAL,NOTICE,OPER.INSTRUCT,IWP	1
7	31069GT	DECAL,NOTICE,MAX.CAP.350 LBS	1
8	31072GT	DECAL,LABEL,OPER.MAN.STORAGE	1
9	31071GT	DECAL,WARNING,FAILURE TO READ	1
10	31076GT	DECAL,CAUTION,8A MAX.115V AC**	1
11	31456GT	DECAL,GENIE	2
12	31077GT	DECAL,CAUTION,COLLISION HAZARD	1
13	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
14	27865GT	DECAL,BUBBLE LEVEL ***	1
15	72844GT	DECAL,DANGER,GENERAL SAFE,IWP	1
16	31237GT	DECAL,NOTICE,BEFORE WORK SHIFT	1
17	27855GT	DECAL,FUSE LOCATION	1
		AC Models	
17	27849GT	DECAL,FUSE LOCATION (DC)	1
		DC Models	
18	38149GT	DECAL LABEL PATENTS	1
19	27845GT	DECAL,EMERG.LOWER/COLLISION	1
20	27857GT	DECAL,COMPONENT DAMAGE,CAP	1
21	28157GT	DECAL,USE DEXRON***	1

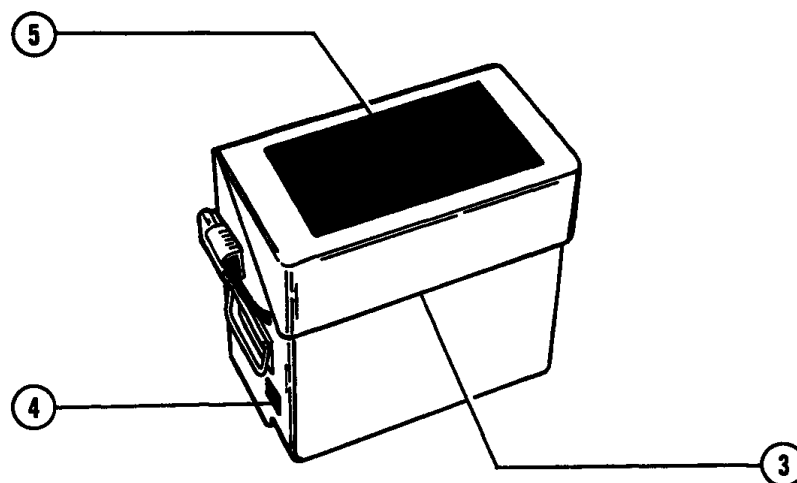
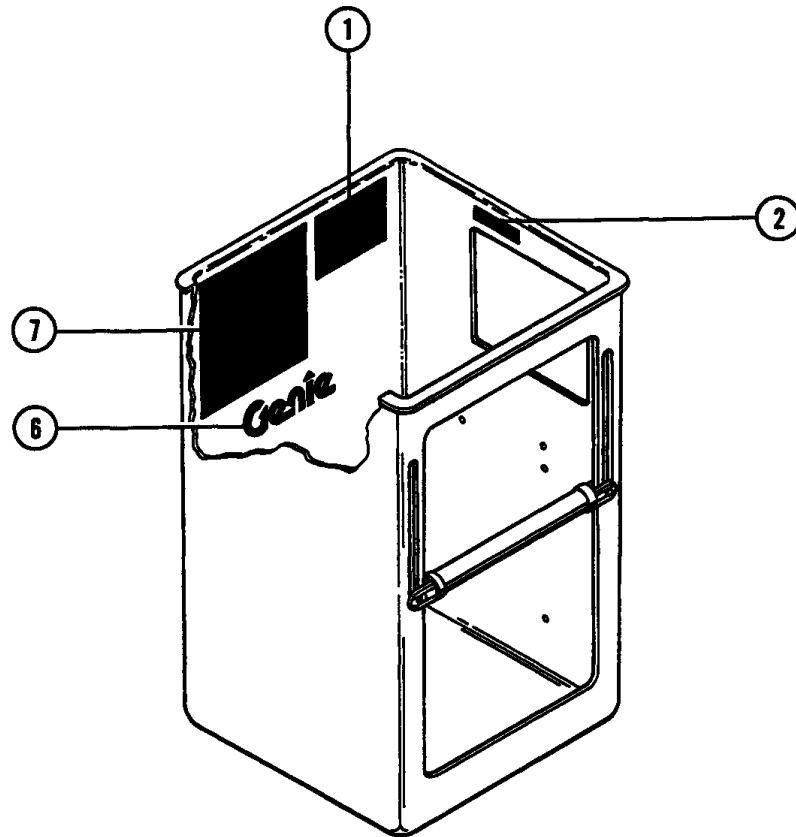
101.1 Decals and Paint



101.1 Decals and Paint

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
22	31455GT	DECAL,LABEL,IWP-24	2
22	31454GT	DECAL,LABEL,IWP-19	2
23	27868GT	DECAL,DANGER-TIP OVER	1
24	31070GT	DECAL,DANGER,TIP-OVER HAZARD	1

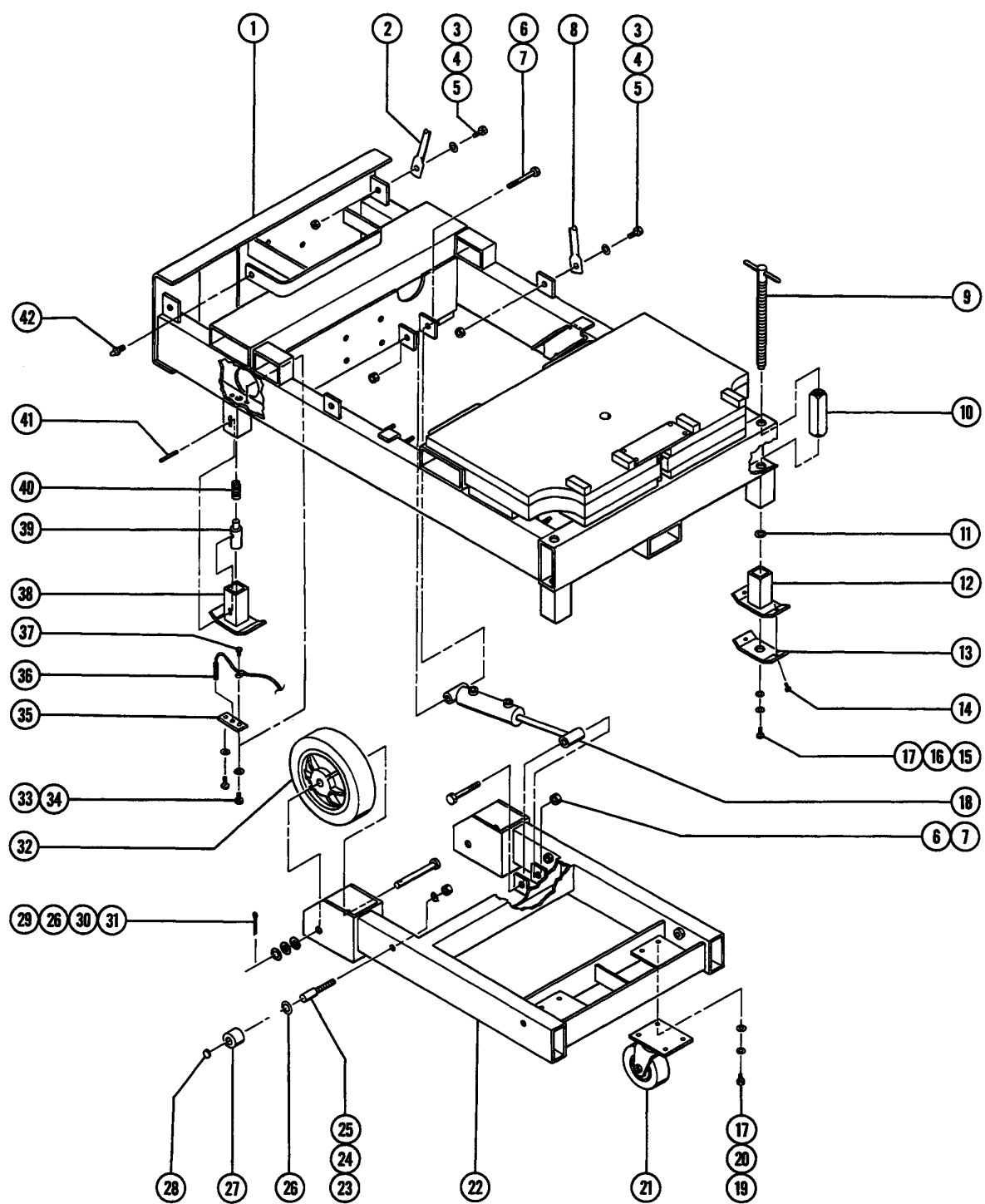
102.1 Decals and Paint, Battery Pack and Fiberglass Platform



102.1 Decals and Paint, Battery Pack and Fiberglass Platform

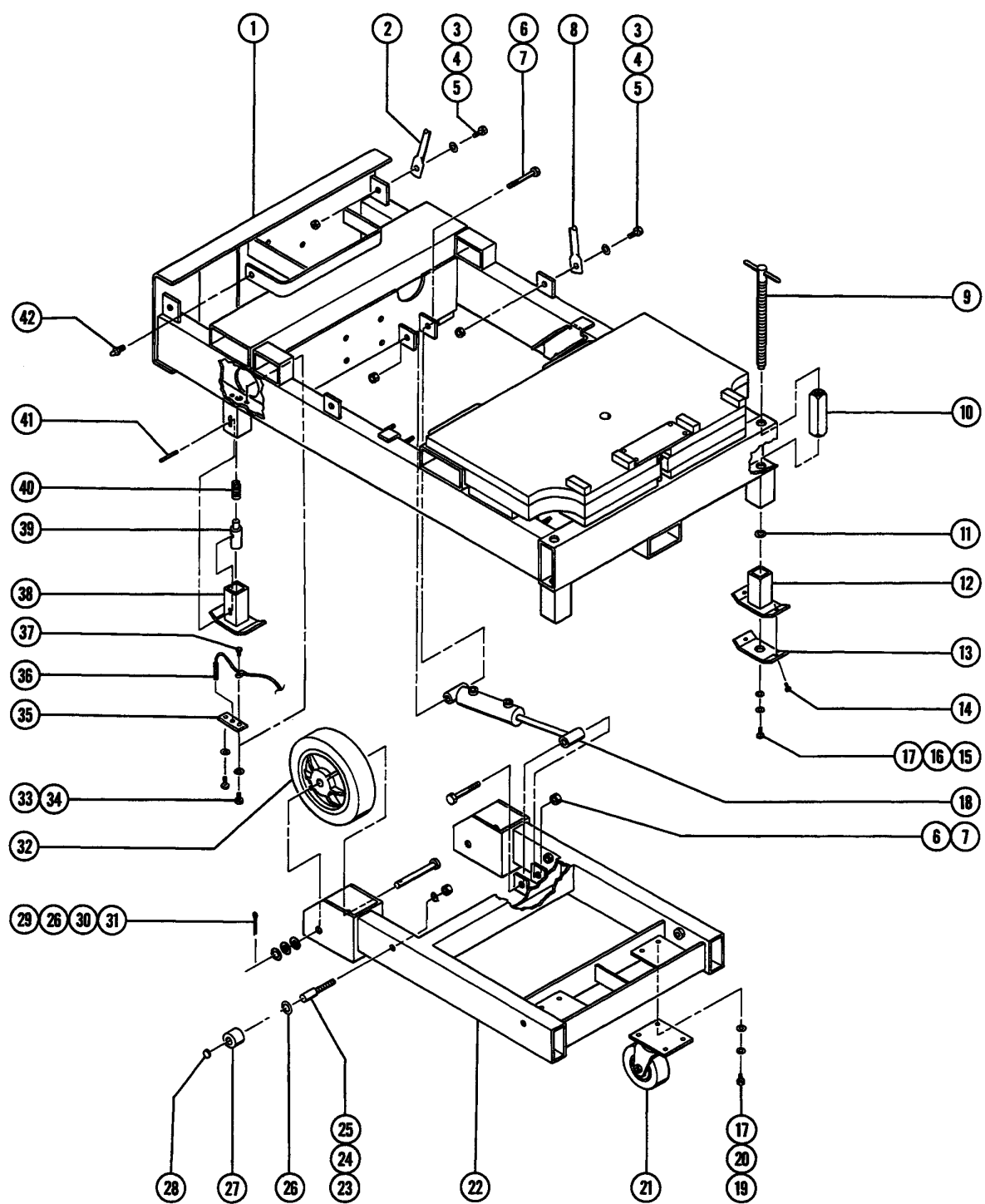
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	31543GT	DECAL KIT, PLATFORM includes index numbers 1, 2, 6 and 7	
	31541GT	DECAL KIT, DC POWER PACK includes index numbers 3, 4 and 5	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
1	31237GT	DECAL, NOTICE, BEFORE WORK SHIFT	
2	31071GT	DECAL, WARNING, FAILURE TO READ	1
3	27853GT	DECAL, CHARGER INSTRUCTIONS	1
4	28372GT	DECAL, NOTICE, BATTERY CABLES	2
5	28398GT	DECAL, DANGER-BATTERY SAFETY	1
6	31456GT	DECAL, GENIE	1
7	72844GT	DECAL, DANGER, GENERAL SAFE, IWP	1

201.1 Base Assembly - View 1



Item	Part No.	Description	Qty.
1	31563GT	OUTER BASE ASSY WELDMENT includes counter weight	1
1	32216GT	WELDMENT, OUTER BASE ,IWP24 includes counter weight	1
2	29699GT	MAST BRACE,RH,AWPII 19,24	2
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
4	6097GT	WASHER,FLAT,USS,3/8",Y	4
5	4828GT	NUT,NYLOCK,3/8-16	4
6	6732GT	SCREW,HHC,1/2-13 X 3.25	2
7	6086GT	NUT,LP NYLOCK,1/2-13	2
8	29700GT	MAST BRACE,LH,AWPII 19,24	2
9	31270GT	LEVELING JACK ROD ASSY,IWP	2
9	31615GT	ROD,LEVELING JACK,12"***	2
9	21201GT	COVER-LEVEL JACK PIN,BLACK	2
9	21008GT	PIN,COIL-.313 X 4 HBK, ZINC	2
10	29860GT	NUT,LEVELING JACK SCREW,IWP	2
11	6898GT	WASHER,SHIM,.625 X 1.188X.064	2
12	29969GT	FOOT PAD WELDMENT,FRONT	2
13	31199GT	FOOT PAD,NYLON,MOLDED	4
14	23903GT	SCREW,FHS,1/4-20 X .5 BLACK	8
15	10107GT	SCREW,HHC,5/16-18 X .75	2
16	6886GT	WASHER,LOCK,.313	2
17	5397GT	WASHER,FLAT,USS,5/16",Y	10
18	18142GT	CYLINDER-HYD.1.50 BORE X 5 STK	
-	18927GT	SEAL KIT,FOR 18142 CYLINDER This is for cylinder PN 18142 ONLY	1
-		CYLINDER,WHEEL LIFT,IWP	1
19	6175GT	SCREW,HHC,3/8-16 X 1	8
20	6021GT	WASHER,LOCK,.375	8
21	124130GT	CASTER PL,SW.5X2, 1000 LBS (some units use a longer 1.5" Screw (PN 107666) and 3/8" Nut (PN 4828))	2
22	29817GT	INNERFRAME BASE WLD,IWP	1

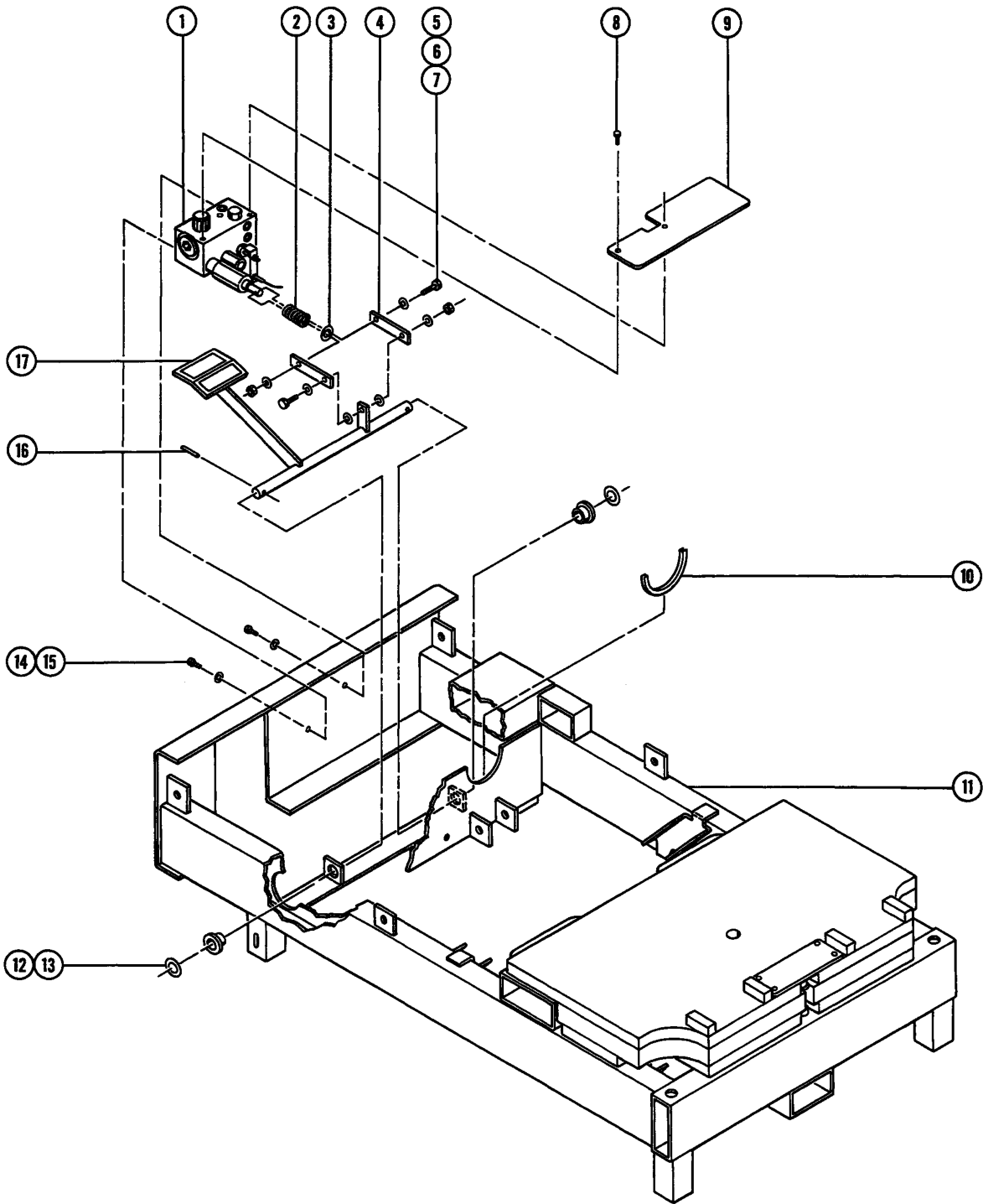
201.1 Base Assembly - View 1



201.1 Base Assembly - View 1

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	29859GT	ROLLER PIN, IWP	4
24	6036GT	WASHER, LOCK, .625 PLTD	4
25	45076GT	NUT, HEX, JAM, 5/8-11	4
26	6564GT	WASHER, SHIM, .765 X 1.312 X .093	10
27	29968GT	ROLLER, IWP (BASE)	4
28	21279GT	BUTTON, .800 O.D. X .281	4
29	5361GT	PIN, COTTER, .125 X 1.5	2
30	6563GT	WASHER, SHIM, .75 X 1.125 X .030	2
31	31176GT	PIN, CLEVIS, .75 X 4.5 LG.	2
32	29861GT	WHEEL, 10" POLY W/ROLLER BEARING	2
33	6090GT	SCREW, HHC, 1/4-20 X .75	2
34	6356GT	WASHER, LOCK, .25	2
35	31623GT	BRACKET, POST SWITCH	2
36	33627GT	PROX SWITCH W/INSTALL INST	2
37	21018GT	SCREW, PHIL, PHM, 10-24 X .38, SEMS	2
38	29970-SGT	FOOT PAD WELDMENT- REAR	2
39	29825GT	SPRING HOLDER, POST SENSOR, IWP	2
		(does not include magnet)	
39-	27392GT	MAGNET, NEODYMIUM, .25 X .125 %%	
		(magnet sold seperately)	
40	38623GT	SPRING, POST SENSOR, IWP/CWP	2
41	14815GT	PIN, ROLL, SST, .25 X 2.25	2
42	31621GT	STUD, BATTERY STRAP	2

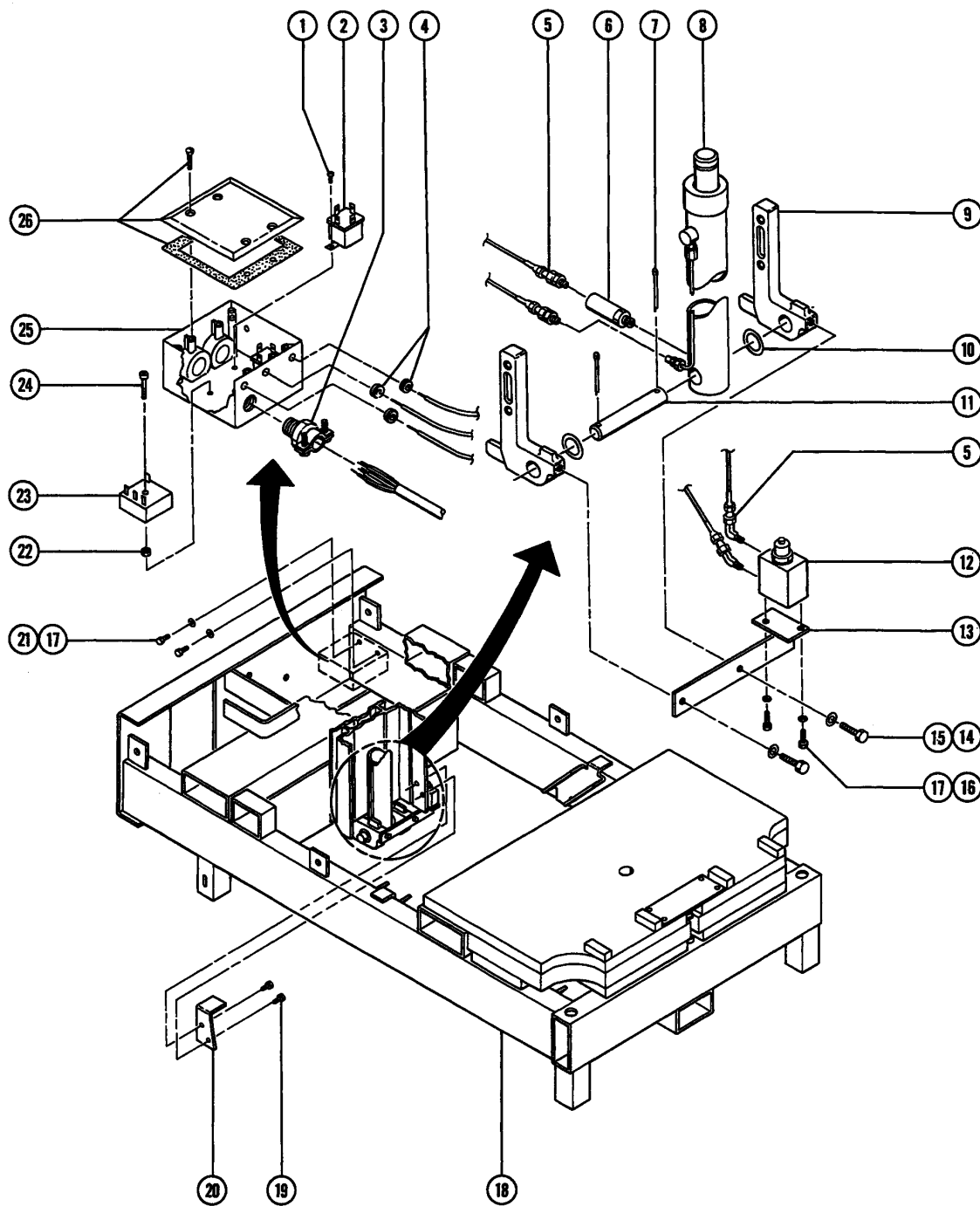
202.1 Base Assembly - View 2



202.1 Base Assembly - View 2

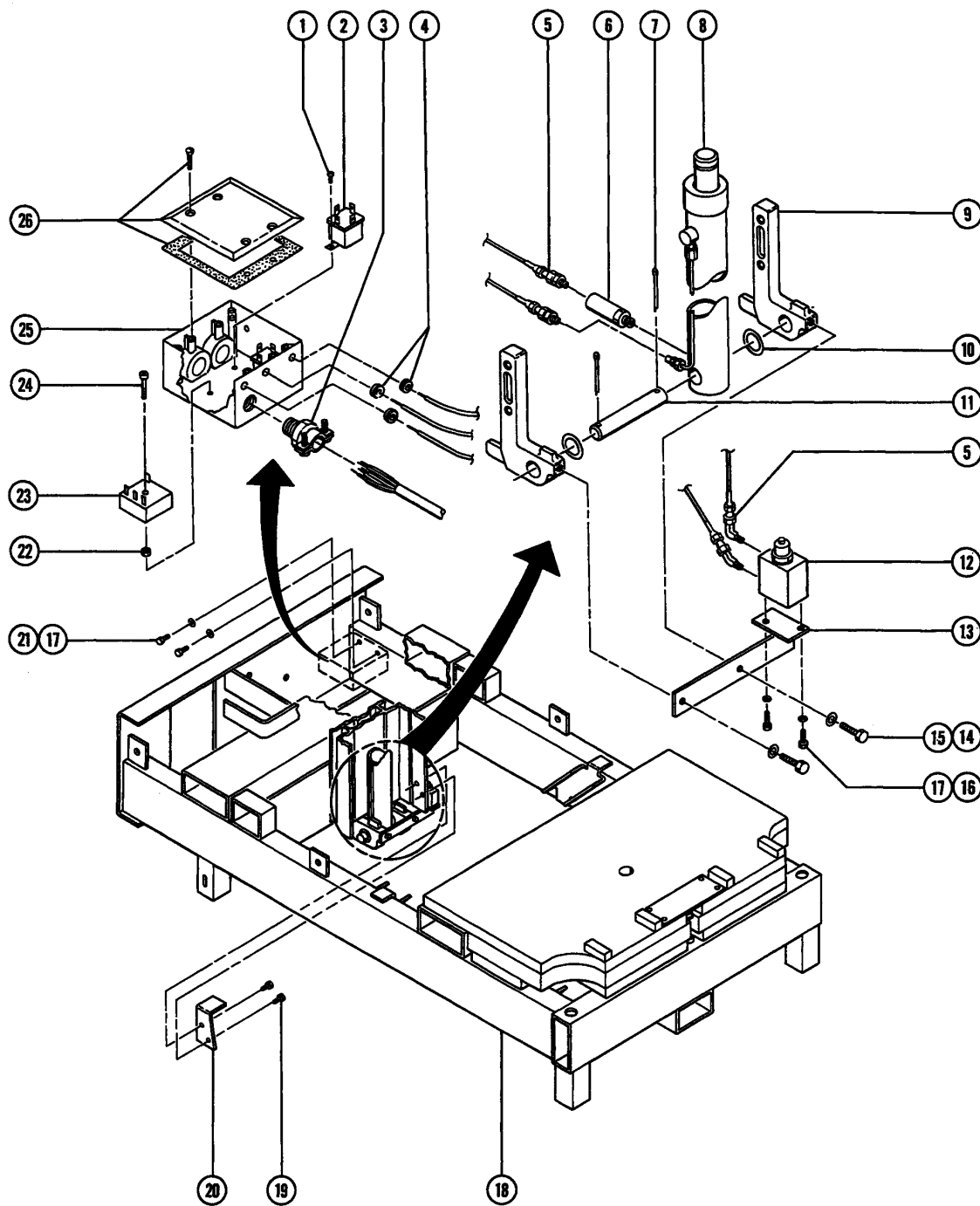
Item	Part No.	Description	Qty.
1		Ref. Base Function Manifold (refer to figure 4-D, page 4-12)	1
2	29977GT	SPRING- PUMP RETURN- IWP	1
3	6898GT	WASHER,SHIM,.625 X 1.188X.064	1
4	29976-SGT	FOOT PEDAL LINKAGE	2
5	5311GT	SCREW,SHS,1/4-20 X 1.25	2
6	6638GT	WASHER, FLAT, USS, 1/4"Y	6
7	6091GT	NUT, NYLOCK, 1/4-20	2
8	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	2
9	31175GT	COVER PLATE -BASE HYDRAULICS	1
10	1698GT	TRIMLOCK,BLACK,3/8	6
11	31563GT	OUTER BASE ASSY WELDMENT	1
		(includes counter weight)	
11A	32216GT	WELDMENT,OUTER BASE ,IWP24	1
		(includes counter weight)	
12	6564GT	WASHER, SHIM,.765 X 1.312 X .093	2
13	29975GT	BUSHING 0.75 ID	2
14	28487GT	SCREW,BHHS,3/8-16 X 1	2
15	6021GT	WASHER,LOCK,.375	2
16	21253GT	CLIP, HAIR PIN, .125 X 2	2
17	31556GT	FOOT PEDAL W/NON-SKID TAPE,IWP	1
17A	1259GT	TAPE,NON SKID,2" WIDE (BULK)	8

203.1 Base Assembly - View 3



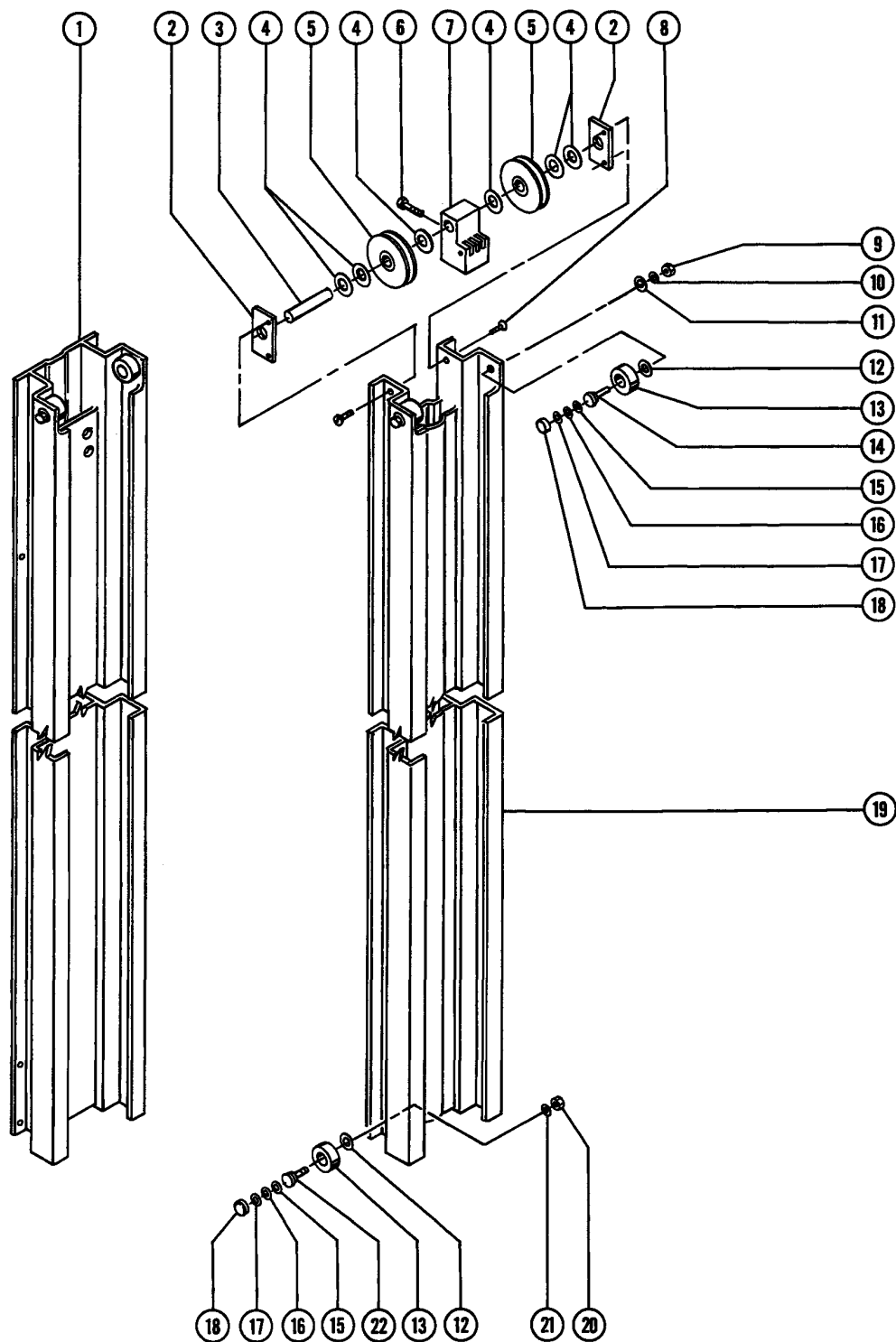
Item	Part No.	Description	Qty.
A	100010GT	KIT, LEVEL SENSOR (for IWP models before serial number 4096-101) (includes installation instructions)	1
1	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	2
2	19274GT	RELAY,SPDT,12V(AUTO)**	2
3	8785GT	GRD.CONN.,1/2",INSULATED (includes fasteners)	1
4	28082GT	GROMMET,RUBBER .18 X .13 X .31	3
5		Ref. Hydraulic Hoses and Fittings (refer to 411.1 and 412.1)	3
6	29388GT	VALVE,FLOW CONTROL A8-2401-00	1
7	5361GT	PIN,COTTER,.125 X 1.5	2
8	27338GT	CYLINDER,HYD,AWP2 19/24	1
8A	18745GT	SEAL KIT,AWP,IWP HYD.CYLINDER	1
9	29818PGT	LIFT CYL. ATTACHMENT,PAINTED	2
10	13775GT	WASHER,FLAT,1.063 X 2 X .134	2
11	31183GT	PIN,CLEVIS,1.00DIA X 4.50LONG	1
12	37200GT	LOWER MAST VALVE ASSY.** (includes valve)	1
12A	37200GT	LOWER MAST VALVE ASSY.**	1
13	31142GT	BRACKET WELD.MAST VALVE, IWP	1
14	8255GT	SCREW,HHC,3/8-16 X .75	2
15	6021GT	WASHER,LOCK,.375	2
16	6090GT	SCREW, HHC, 1/4-20 X .75	2
17	6356GT	WASHER,LOCK,.25	4
18	31563GT	OUTER BASE ASSY WELDMNT (includes counter weight)	1
18-	32216GT	WELDMNT,OUTER BASE ,IWP24 (includes counter weight)	1
19	23904GT	SCREW,M.,PHILLIPS,10-24 X.437	2
20	31143PGT	BRACKET, MAST VALVE STRIKER	1
20A	31144GT	BRACKET, SHEAVE WELDMNT, IWP19 (refer to 407.1)	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	2
22	5365GT	NUT,NYLOCK,10-24	1
23	43181GT	CAPACITOR,TIME DELAY	1

203.1 Base Assembly - View 3



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	1
25	27612GT	LOWER J-BOX	1
26	27773GT	COVER, LOWER J-BOX	1

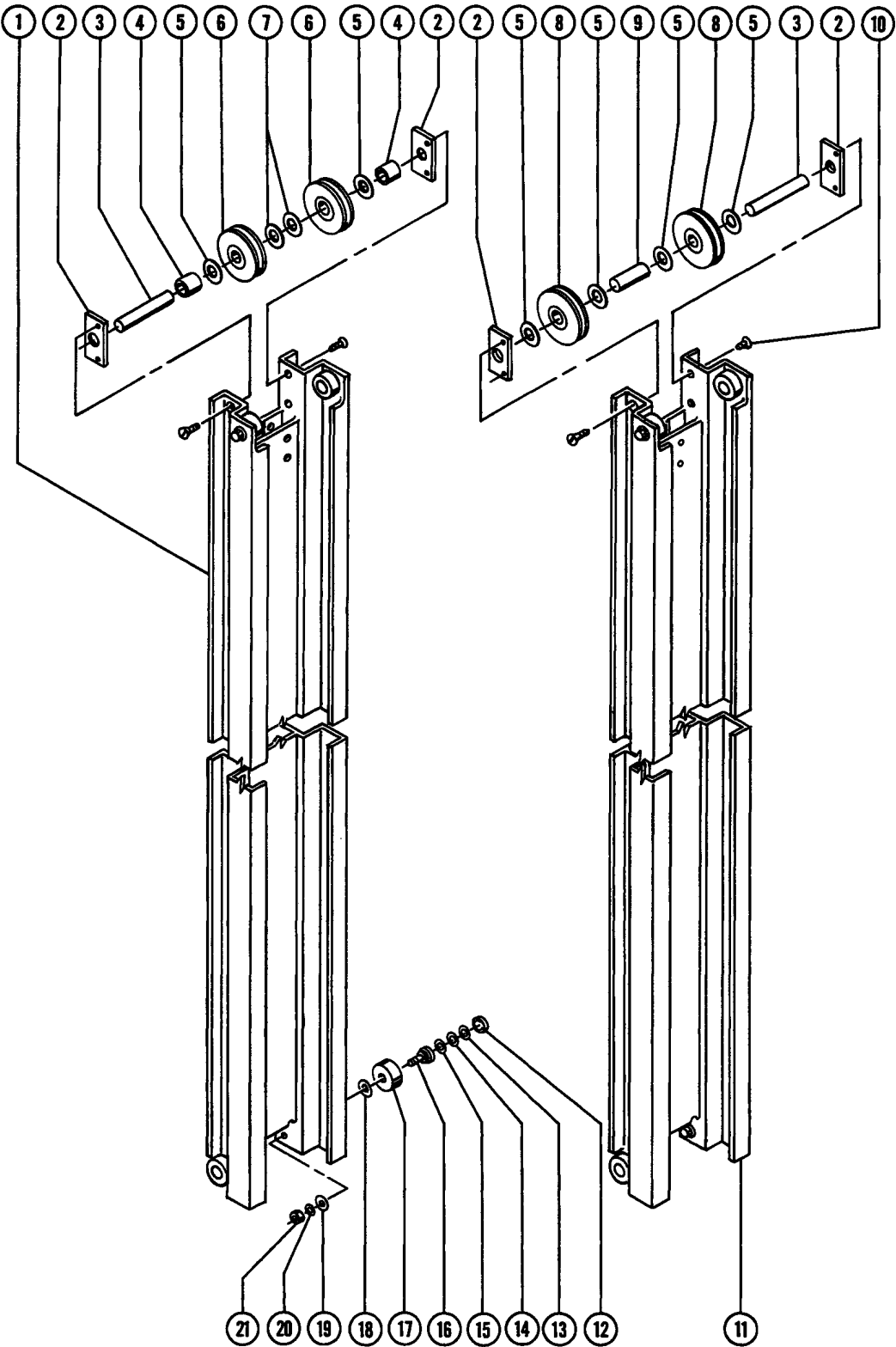
301.1 Number 1 and 2 Mast Assemblies



301.1 Number 1 and 2 Mast Assemblies

Item	Part No.	Description	Qty.
	90337GT	BOE LUBE lubricant	1
1	29589GT	MAST SECTION,#1, AWPII-19/24	1
2	6505GT	PLATE,SHAFT SUPPORT,ZINC PLTD.	2
3	6544GT	AXLE, IDLER WHEEL .75 X 4.01	1
4	6563GT	WASHER,SHIM,.75 X 1.125 X.030	6
5	6930GT	IDLER WHEEL W/BEARING-LG	2
6	14740GT	SCREW,FHS,1/4-20 X 1.5	1
7	14737GT	CLEVIS BLOCK-4 SLOT STL.CASTG	1
8	6611GT	SCREW,HHS,3/8-24 X .5,ZINC	4
9	6054GT	NUT,HEX,3/8-24	6
10	6021GT	WASHER,LOCK,.375	6
11	6097GT	WASHER,FLAT,USS,3/8",Y	4
12	8519GT	WASHER,SHIM,.5 X .875 X .033	6
13	28762GT	ROLLER, NYLATRON, 1.525 O.D.	6
13-	37501GT	ROLLER KIT(OVERSIZE) QTY 1	
		(includes one each items 9-18, 20)	
13-	35099GT	ROLLER KIT (OVERSIZE)	
		(includes twenty each items 9-18)	
14	21280GT	BOLT-ROLLER,3/8-24 X 1.69-ZINC	4
15	21441GT	SHIM,.75 X.45 X.016	6
		(Quantity listed for this item is approximate. Actual quantity may vary to insure proper fit)	
16	21442GT	SHIM,.75 X.45 X.032	6
		(Quantity listed for this item is approximate. Actual quantity may vary to insure proper fit)	
17	21443GT	SHIM,.75 X.45 X.064	6
		(Quantity listed for this item is approximate. Actual quantity may vary to insure proper fit)	
18	21279GT	BUTTON, .800 O.D. X .281	6
19	29591GT	MAST SECTION#2, AWPII-19	1
19	29595GT	MAST SECTION,#2, AWPII 24	1
20	5408GT	NUT,LP NYLOCK,3/8-24	2
21	12013GT	SHIM,.375 X .063	2
22	21437GT	BOLT,ROLLER-SHORT STEM,.63	2

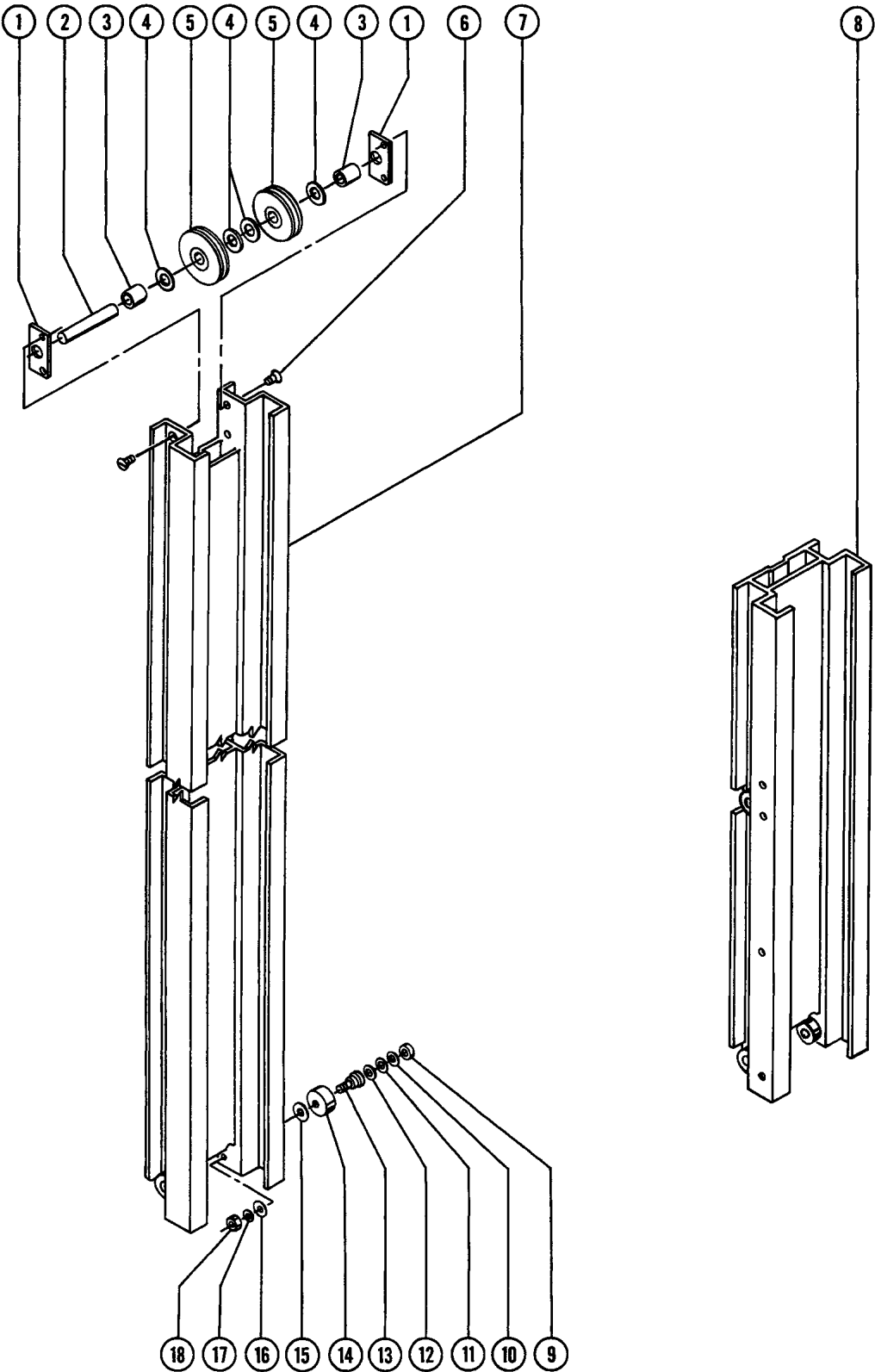
302.1 Number 3 and 4 Mast Assemblies



302.1 Number 3 and 4 Mast Assemblies

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	29592GT	MAST SECTION,#3, AWPII-19	1
1A	29596GT	MAST SECTION,#3, AWPII 24	1
2	6505GT	PLATE,SHAFT SUPPORT,ZINC PLTD.	4
3	6544GT	AXLE, IDLER WHEEL .75 X 4.01	2
4	14341GT	SPACER, IDLER WHEEL	2
5	6564GT	WASHER, SHIM,.765 X 1.312 X .093	6
6	6930GT	IDLER WHEEL W/BEARING-LG	2
7	6563GT	WASHER,SHIM,.75 X 1.125 X.030	2
8	6929GT	IDLER WHEEL W/BEARING-MEDIUM	2
9	10319GT	SPACER, IDLER WHEEL "CONDUIT"	1
10	6611GT	SCREW,HHS,3/8-24 X .5,ZINC	8
11	29593GT	MAST SECTION,#4, AWPII-19	1
11A	29597GT	MAST SECTION,#4, AWPII-24	1
12	21279GT	BUTTON, .800 O.D. X .281	8
13	21443GT	SHIM,.75 X.45 X.064 (Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit) .	8
14	21442GT	SHIM,.75 X.45 X.032 (Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit) .	8
15	21441GT	SHIM,.75 X.45 X.016 (Quantity listed for this item is approximate. Actual quantity may vary to ensure proper fit) .	8
16	21280GT	BOLT-ROLLER,3/8-24 X 1.69-ZINC	8
17	28762GT	ROLLER, NYLATRON, 1.525 O.D.	8
17-	37501GT	ROLLER KIT(OVERSIZE) QTY 1	
		(includes one each items 12-21)	
17-	35099GT	ROLLER KIT (OVERSIZE)	
		(includes twenty each items 12-21)	
18	8519GT	WASHER,SHIM,.5 X .875 X .033	8
19	6097GT	WASHER,FLAT,USS,3/8",Y	8
20	6021GT	WASHER,LOCK,.375	8
21	6054GT	NUT,HEX,3/8-24	8

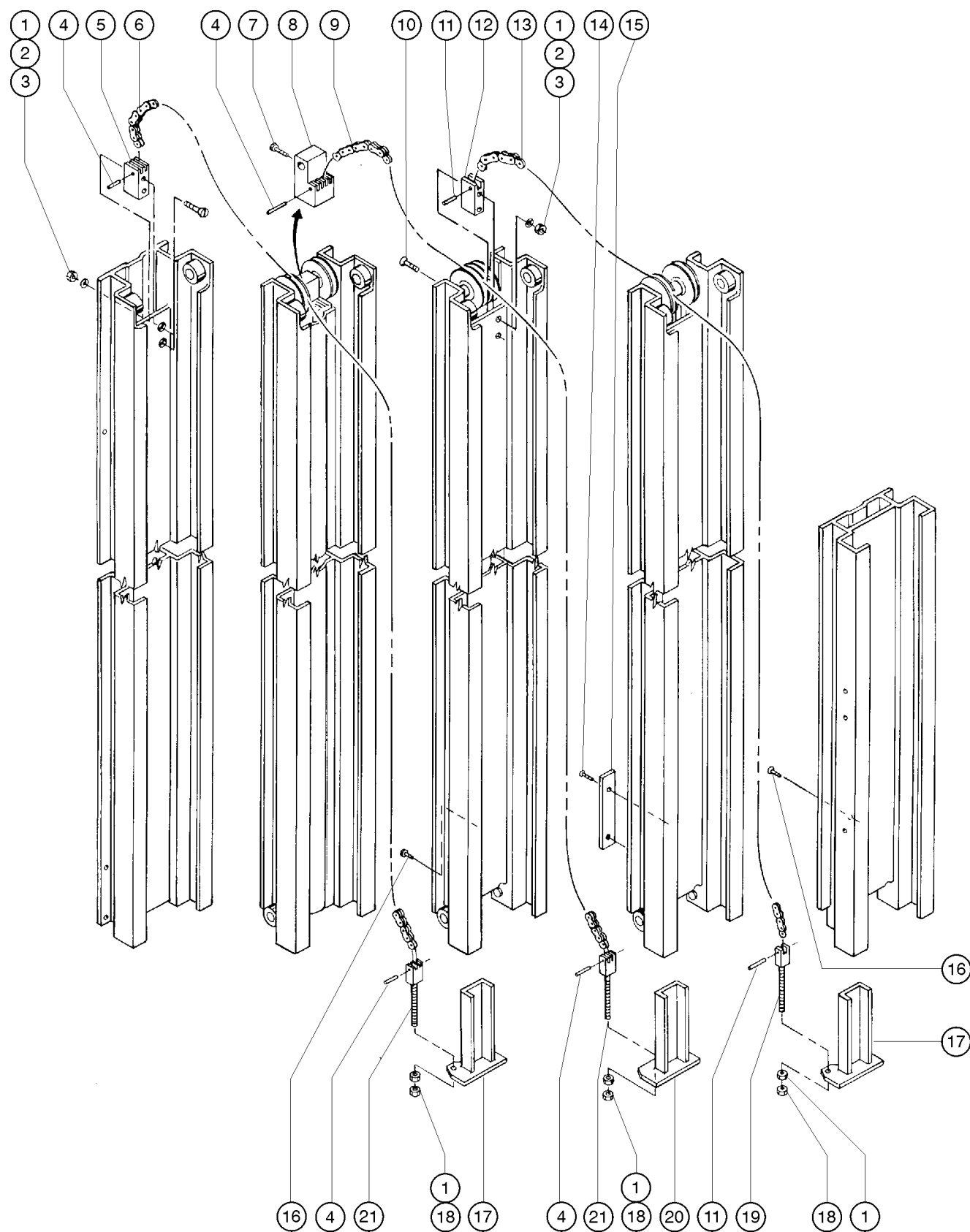
303.1 Number 5 Mast and Carriage Assemblies



303.1 Number 5 Mast and Carriage Assemblies

Item	Part No.	Description	Qty.
1	6505GT	PLATE,SHAFT SUPPORT,ZINC PLTD.	2
2	6544GT	AXLE, IDLER WHEEL .75 X 4.01	1
3	14341GT	SPACER, IDLER WHEEL	2
4	6564GT	WASHER, SHIM,.765 X 1.312 X .093	4
5	6928GT	IDLER WHEEL W/BEARING-SM	2
6	6611GT	SCREW,HHS,3/8-24 X .5,ZINC	4
7	29676GT	MAST SECTION,#5, AWPII 24	1
8	29594GT	CARRIAGE ASSY,AWPII 19,24	1
9	21279GT	BUTTON, .800 O.D. X .281	6
10	21443GT	SHIM,.75 X.45 X.064 (Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.)	6
11	21442GT	SHIM,.75 X.45 X.032 (Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.)	6
12	21441GT	SHIM,.75 X.45 X.016 (Quantity listed for this item is approximate. Actual quantity may vary, to ensure proper fit.)	6
13	21280GT	BOLT-ROLLER,3/8-24 X 1.69-ZINC	6
14	28762GT	ROLLER, NYLATRON, 1.525 O.D.	6
14-	37501GT	ROLLER KIT(OVERSIZE) QTY 1 (includes one each items 9-18)	
14-	35099GT	ROLLER KIT (OVERSIZE) (includes twenty each items 9-18)	
15	8519GT	WASHER,SHIM,.5 X .875 X .033	6
16	6097GT	WASHER,FLAT,USS,3/8",Y	6
17	6021GT	WASHER,LOCK,.375	6
18	6054GT	NUT,HEX,3/8-24	6

304.1 Lifting Chain Assemblies, IWP-19



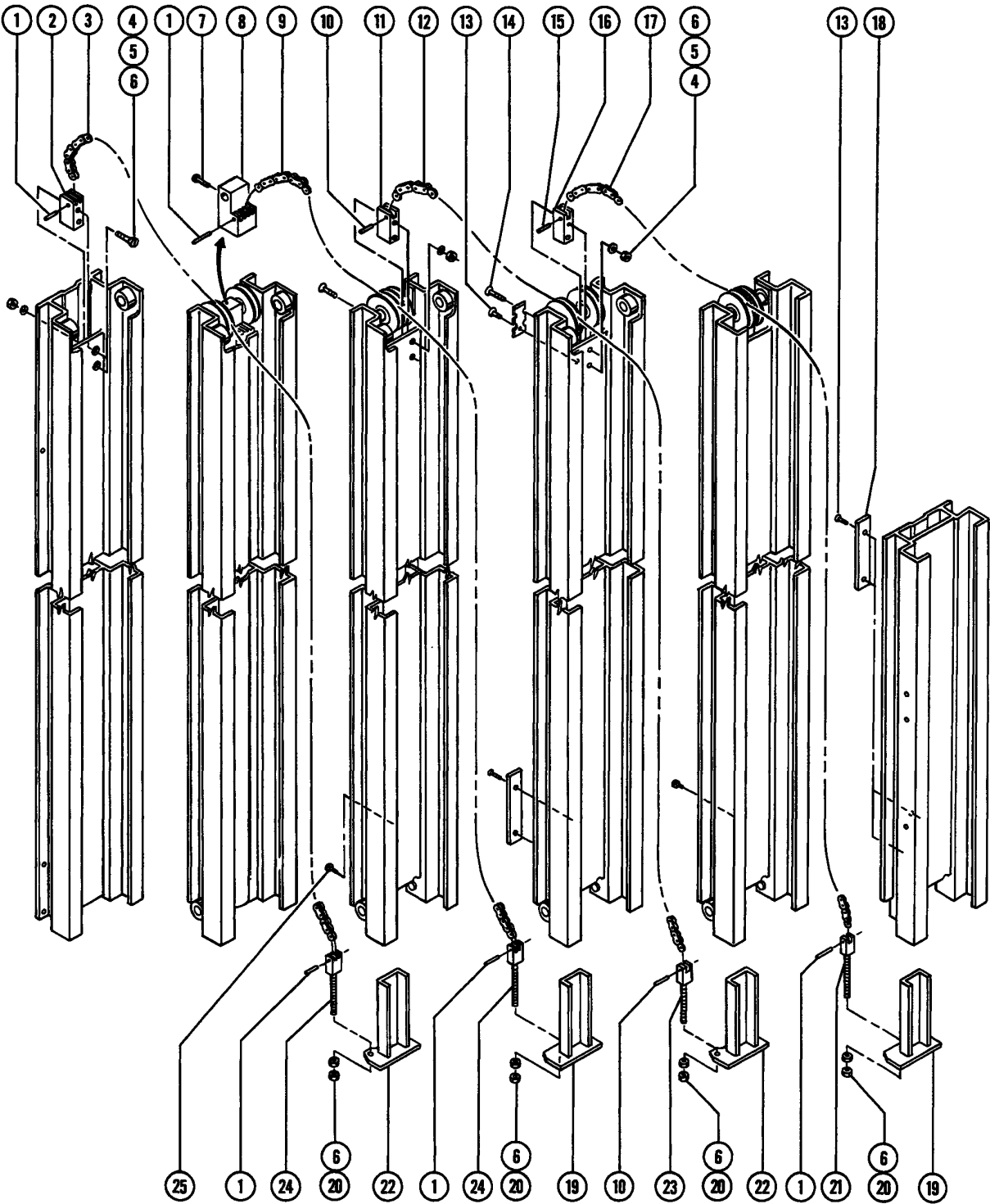
IWP

Part No. 31504GT

304.1 Lifting Chain Assemblies, IWP-19

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	4828GT	NUT,NYLOCK,3/8-16	8
2	6021GT	WASHER,LOCK,.375	12
3	31179GT	SCREW,FHS,3/8-16 X 2.5	4
4	6570GT	PIN,GROOVED- .156 X .75	12
5	28777GT	CHAIN TERM,UPPER,NO.1	2
6	29692GT	CHAIN ASSY,NO.1,AWPII 19/24 (includes index numbers 1,2 and 23)	2
6A	31574GT	CHAIN ASSEMBLY,COL.#1-IWP	2
7	14740GT	SCREW,FHS,1/4-20 X 1.5	1
8	14737GT	CLEVIS BLOCK-4 SLOT STL.CASTG	1
9	29693GT	CHAIN ASSY, NO.2,AWPII 19/24 (includes index numbers 1, 8 and 23)	1
9A	21102GT	CHAIN-LARGE(AL-444)-69.5"	1
10	6610GT	SCREW,FHS,3/8-16 X 2 GRD.8	10
11	6534GT	PIN,GROOVED- .200 X .75*	4
12	6538GT	CHAIN TERM-UPR(1 SLOT MED)ZINC	2
13	29694GT	CHAIN ASSY, NO.3, AWPII 19/24 (includes index numbers 10, 11 and 22)	2
13A	8072GT	CHAIN MEDIUM, (BL-423)-70.5"	2
14	21047GT	SCREW,FHM,10-24 X .75	5
15	6571GT	FILLER STRIP,#4 COL.BOTTOM-5	2
16	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	4
17	6509GT	LOWER CHAIN TERM WELD. #3 WIDE	2
19	29691GT	LOWER CHAIN TERMINAL,MEDIUM	2
20	6506GT	LOWER CHAIN TERM WELD.#4 NARRW	2
21	31575GT	CHAIN TERMINAL ASSEMBLY	4

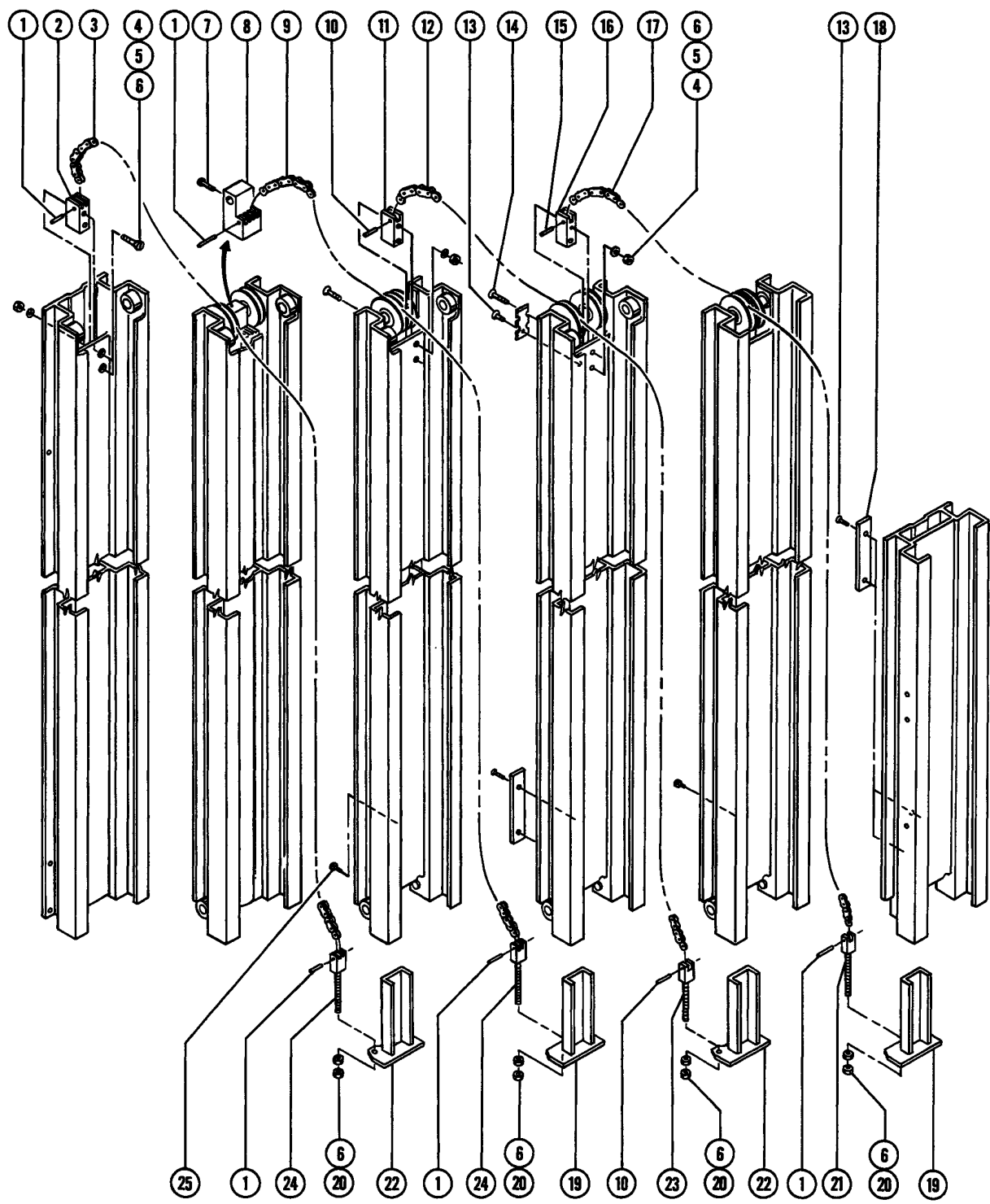
305.1 Lifting Chain Assemblies, IWP-24



305.1 Lifting Chain Assemblies, IWP-24

Item	Part No.	Description	Qty.
1	6570GT	PIN,GROOVED- .156 X .75	12
2	28777GT	CHAIN TERM,UPPER,NO.1	2
3	29692GT	CHAIN ASSY,NO.1,AWPII 19/24 (includes index numbers 1,2 and 23)	2
3A	31574GT	CHAIN ASSEMBLY,COL.#1-IWP	2
4	31179GT	SCREW,FHS,3/8-16 X 2.5	4
5	6021GT	WASHER,LOCK, .375	12
6	4828GT	NUT,NYLOCK,3/8-16	20
7	14740GT	SCREW,FHS,1/4-20 X 1.5	1
8	14737GT	CLEVIS BLOCK-4 SLOT STL.CASTG	1
9	29693GT	CHAIN ASSY, NO.2,AWPII 19/24 (includes index numbers 1, 8 and 23)	1
9A	21102GT	CHAIN-LARGE(AL-444)-69.5"	1
10	6534GT	PIN,GROOVED- .200 X .75*	4
11	6538GT	CHAIN TERM-UPR(1 SLOT MED)ZINC	2
12	29694GT	CHAIN ASSY, NO.3, AWPII 19/24 (includes index numbers 10, 11 and 22)	2
12A	8072GT	CHAIN MEDIUM, (BL-423)-70.5"	2
13	21047GT	SCREW,FHM,10-24 X .75	5
14	6610GT	SCREW,FHS,3/8-16 X 2 GRD.8	10
15	7108GT	FILLER STRIP,(COL.#4 TOP)--3"	1
16	7145GT	CHAIN TERM-UPR(1 SLOT SM)-ZINC	2
17	29696GT	CHAIN ASSY,NO.4,AWPII (includes index numbers 1, 15 and 20)	2
17A	8073GT	CHAIN, SMALL, (AL-422)-70.5"	2
18	6571GT	FILLER STRIP,#4 COL.BOTTOM-5	2
19	6506GT	LOWER CHAIN TERM WELD.#4 NARRW	2
20	4828GT	NUT,NYLOCK,3/8-16	8
21	29695GT	LOWER CHAIN TERMINAL,SMALL	2
22	6509GT	LOWER CHAIN TERM WELD. #3 WIDE	2
23	29691GT	LOWER CHAIN TERMINAL,MEDIUM	2
24	31575GT	CHAIN TERMINAL ASSEMBLY	4

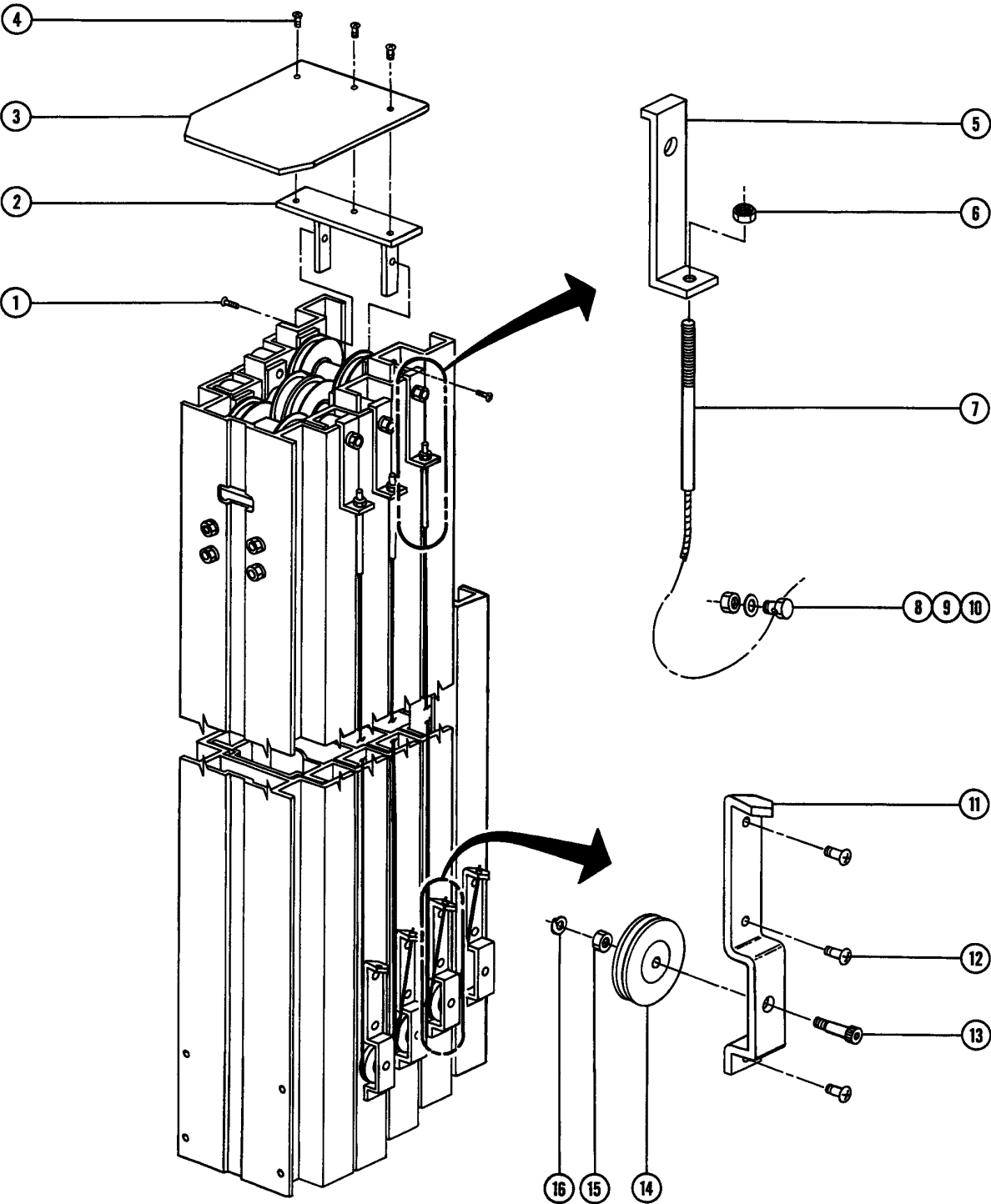
305.1 Lifting Chain Assemblies, IWP-24



305.1 Lifting Chain Assemblies, IWP-24

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	4

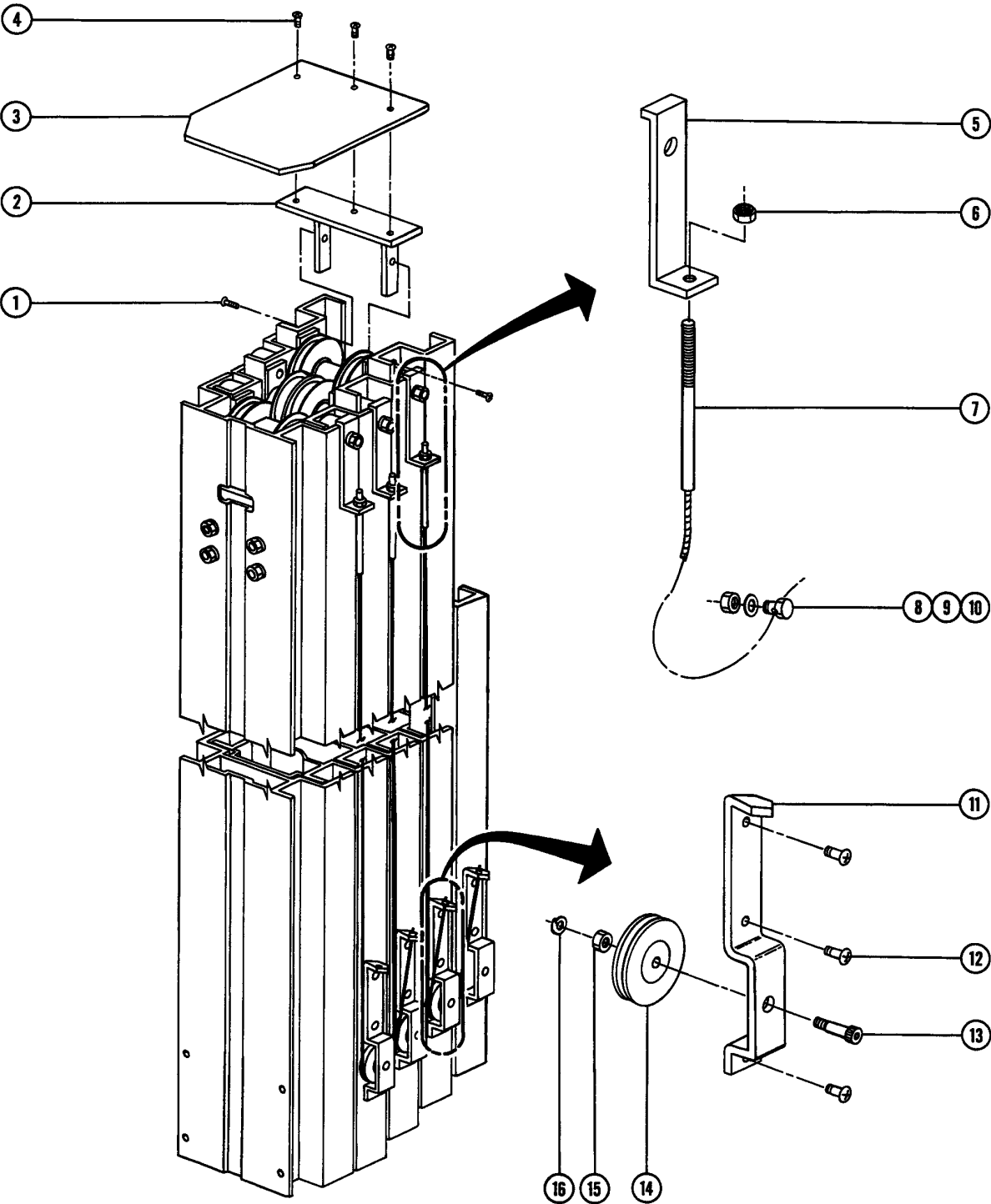
306.1 Descent Sequencing Cables and Mast Cover Plate



306.1 Descent Sequencing Cables and Mast Cover Plate

Item	Part No.	Description	Qty.
1	23903GT	SCREW,FHS,1/4-20 X .5 BLACK	2
2	24600GT	MAST COVER WELDMENT,AWP	1
3	23891GT	FLAP,MAST COVER-4 SECT.MAST	1
3	23888GT	FLAP,MAST COVER-5 SECT.MAST	1
4	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	3
5	23578PGT	BRACKET-SEQ.CABLE, UPPER-BLUE	3
5	23578PGT	BRACKET-SEQ.CABLE, UPPER-BLUE	4
6	6091GT	NUT, NYLOCK, 1/4-20	3
6	6091GT	NUT, NYLOCK, 1/4-20	4
7	25396GT	CABLE ASSY,DESCENT SEQUENCE includes index numbers 6, 8-10	3
7	25396GT	CABLE ASSY,DESCENT SEQUENCE includes index numbers 6, 8-10	4
8	25395GT	SCREW,HHC CABLE RETAINER	3
8	25395GT	SCREW,HHC CABLE RETAINER	4
9	6886GT	WASHER,LOCK,.313	3
9	6886GT	WASHER,LOCK,.313	4
10	6037GT	NUT,HEX,5/16-18,GR5	3
10	6037GT	NUT,HEX,5/16-18,GR5	4
11	23600PGT	BRACKET-SEQ.CABLE, LOWER-BLUE	4
11	23600PGT	BRACKET-SEQ.CABLE, LOWER-BLUE	5
12	23904GT	SCREW,M.,PHILLIPS,10-24 X.437	12
12	23904GT	SCREW,M.,PHILLIPS,10-24 X.437	15
13	6584GT	SCREW,SHS,10-24 X .625	3
13	6584GT	SCREW,SHS,10-24 X .625	4
14	21348GT	PULLEY-SEQUENCING-NYLATRON	3
14	21348GT	PULLEY-SEQUENCING-NYLATRON	4
15	25625GT	NUT,HEX,10-24	3
15	25625GT	NUT,HEX,10-24	4
16	6607GT	WASHER,LOCK,#10 PLTD	3

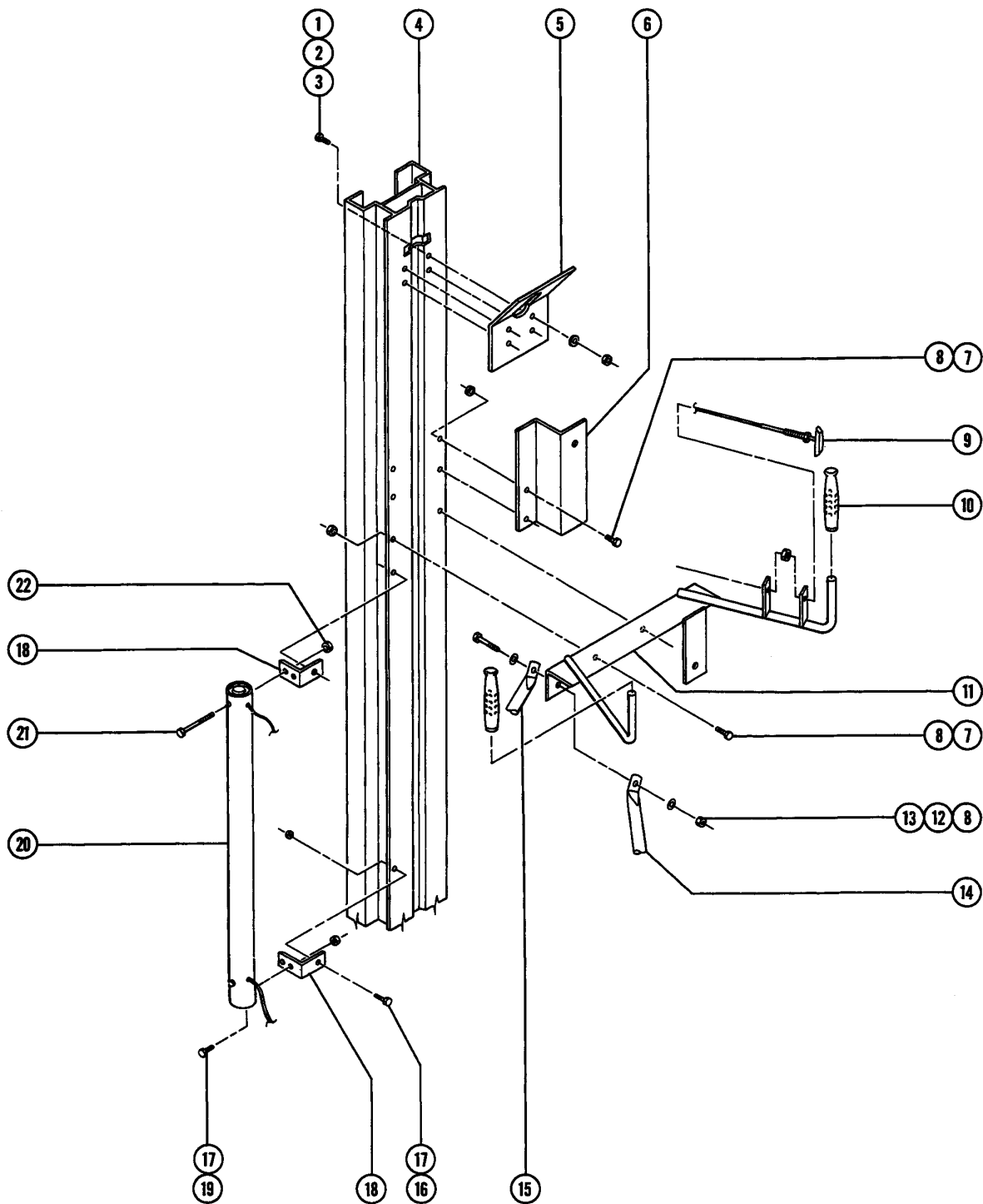
306.1 Descent Sequencing Cables and Mast Cover Plate



306.1 Descent Sequencing Cables and Mast Cover Plate

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
16	6607GT	WASHER,LOCK,#10 PLTD	4

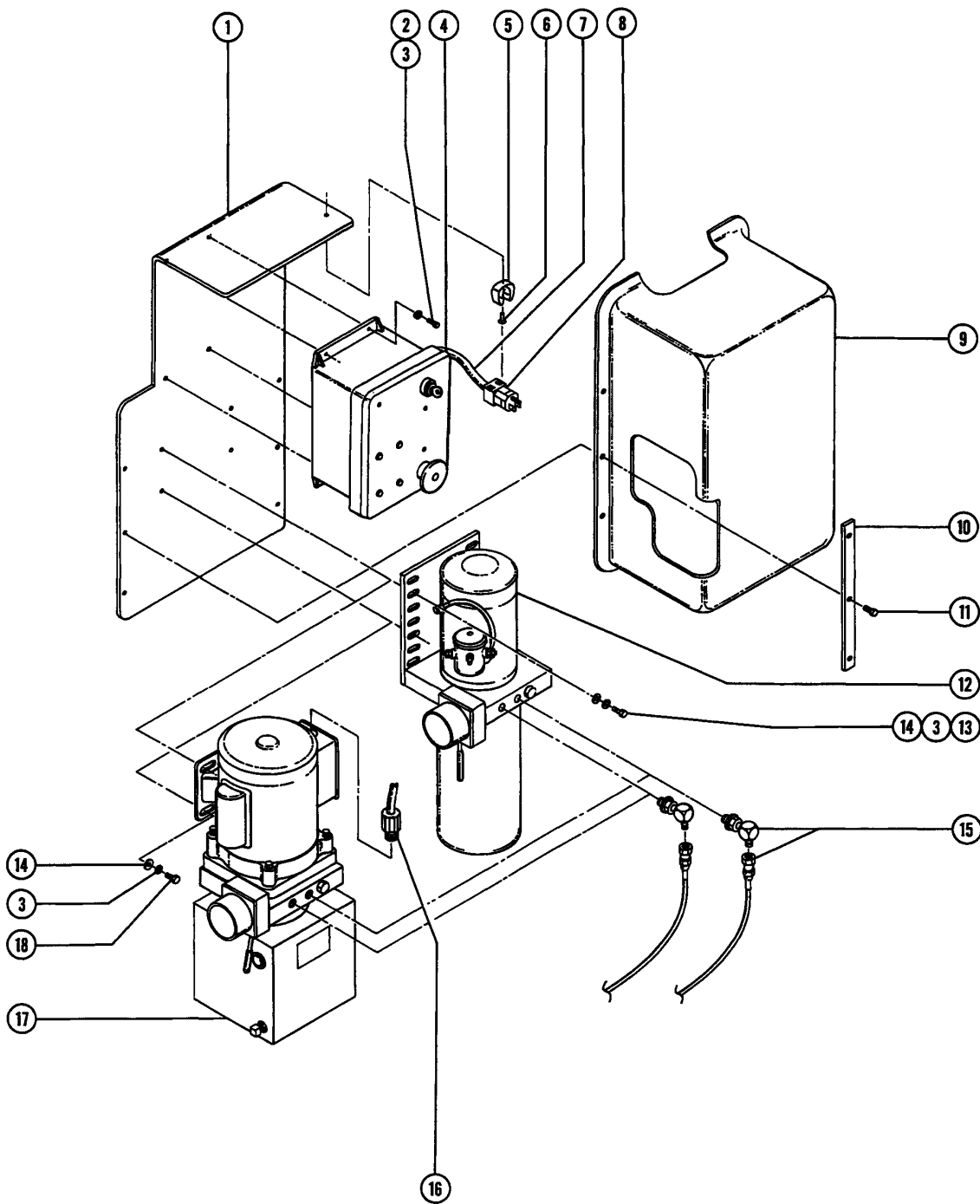
307.1 Number 1 Mast Attached Parts



307.1 Number 1 Mast Attached Parts

Item	Part No.	Description	Qty.
1	31179GT	SCREW,FHS,3/8-16 X 2.5	4
2	6021GT	WASHER,LOCK,.375	4
3	4828GT	NUT,NYLOCK,3/8-16	4
4	29589GT	MAST SECTION,#1, AWPII-19/24	1
5	29863PGT	LIFT PLATE - PAINTED	1
6	29827PGT	POWER PACK MNT. BRK-IWP, PAINT	1
7	6175GT	SCREW,HHC,3/8-16 X 1	4
8	4828GT	NUT,NYLOCK,3/8-16	6
9	31890GT	CABLE RELEASE ASSEMBLY***	1
10	6587GT	HANDLE GRIP, RUBBER	2
11		STEERING HANDLE WELDMENT, IWP	1
		no longer available	
12	6097GT	WASHER,FLAT,USS,3/8",Y	4
13	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
14	29699GT	MAST BRACE,RH,AWPII 19,24	2
15	29700GT	MAST BRACE,LH,AWPII 19,24	2
16	6888GT	SCREW,HHC,1/4-20 X 1	2
17	6091GT	NUT, NYLOCK, 1/4-20	2
18	31148GT	BRACKET, LEVEL SENSOR MOUNT	2
19	6090GT	SCREW, HHC, 1/4-20 X .75	1
20A	107027GT	KIT,SRV,IWP LEVEL SENSOR***	1
20B	100302GT	LVL SENSOR,LS60,WH,.5DEGX1.5DE	1
		level sensor only, not a kit	
21	12343GT	SCREW,HHC,1/4-20 X 3	1
22	6889GT	NUT,LP NYLOCK,1/4-20	2

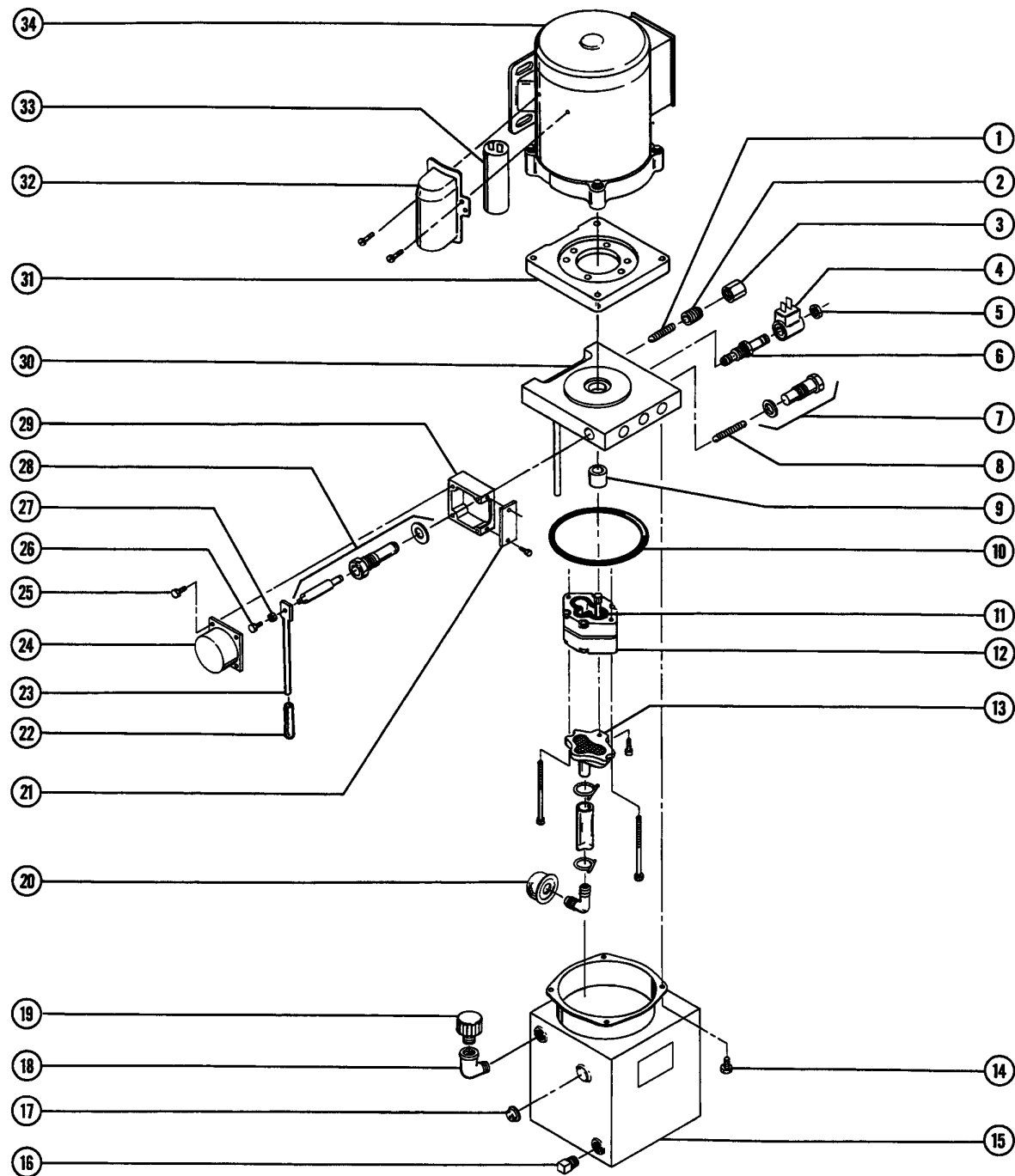
401.1 Hydraulic Installation



401.1 Hydraulic Installation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	27483PGT	PLATE,MOTOR MOUNT,PAINTED,AWP2	1
2	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	4
3	6356GT	WASHER,LOCK,.25	6
4		Ref. Ground Controls (refer to 405.1 and 406.1)	6
5	8018GT	CLIP, GIBSON GRIP	1
6	11314GT	RIVET,MAGNALOK,.192 #4	1
7	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
8	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
8	144161GT	PLUG,POWER,UK,16AMP,3PIN	1
8	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
9	58091GT	COVER,MOTOR W/DECALS, AWP 2***	1
10	27672GT	STIFFENER, MOTOR COVER, AWP2	2
11	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	6
12		Ref. DC Hydraulic Power Unit Assembly (refer to 403.1)	6
13	6090GT	SCREW, HHC, 1/4-20 X .75	4
14	6638GT	WASHER, FLAT, USS, 1/4"Y	4
15		Ref. Hydraulic Hoses and Fittings (refer to 411.1 and 412.1)	4
16	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	1
17		Ref. AC Hydraulic Power Unit Assembly (refer to 402.1)	1
18	7339GT	SCREW,HHC,1/4-20 X .5	4

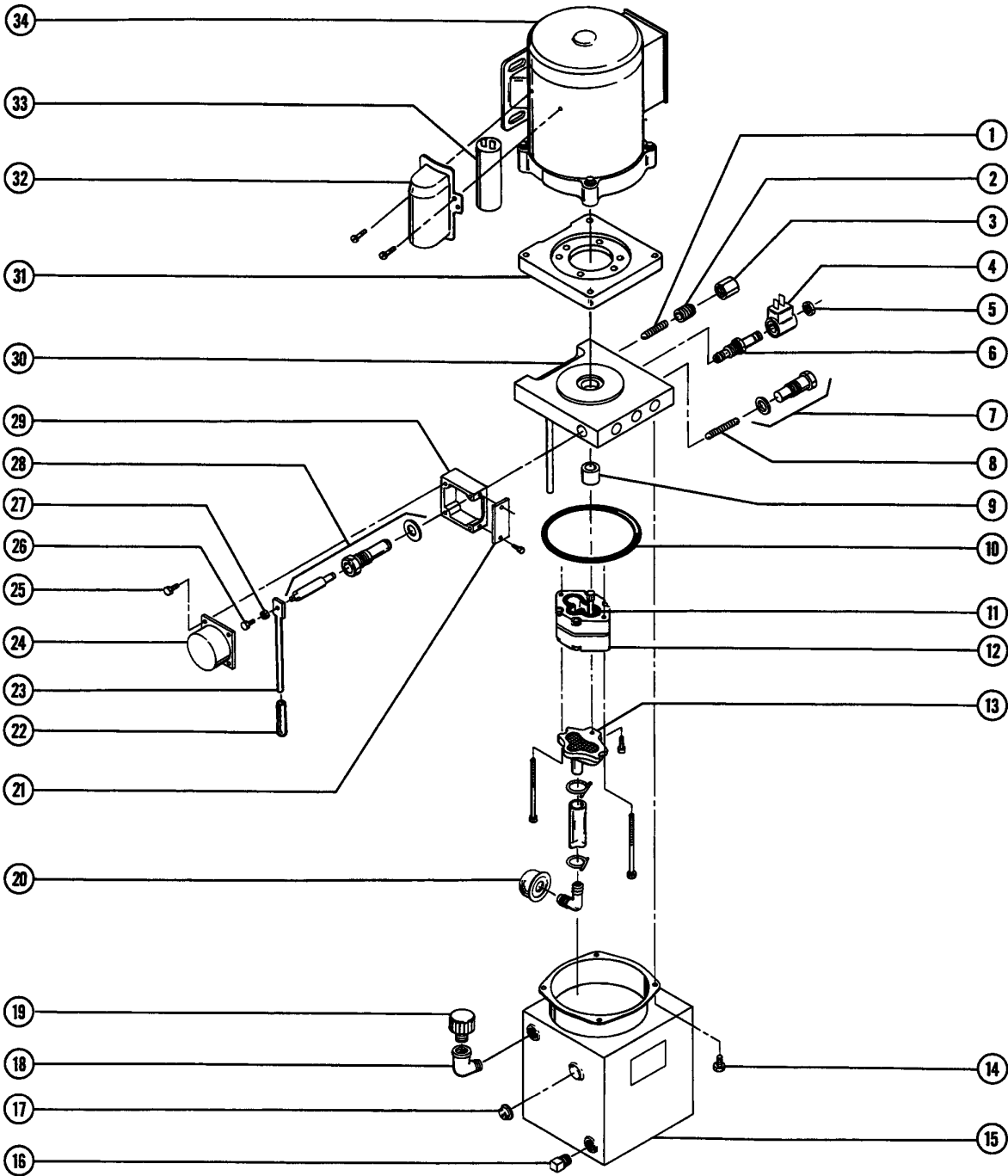
402.1 AC Hydraulic Power Unit



402.1 AC Hydraulic Power Unit

Item	Part No.	Description	Qty.
			
1	72321GT	RELIEF VALVE KIT**	1
2	72321GT	RELIEF VALVE KIT**	1
3	72321GT	RELIEF VALVE KIT**	1
4	25611GT	COIL,12VDC,25048 N.O.VALVE	1
5	52943GT	NUT, SOLENOID VALVE COIL	1
6	25048GT	VALVE,CART(ONLY)W/NUT,23375 NC	1
		includes index number 5	
7	14219GT	CHECK CAP & SEAL RING--STONE	1
8	8747GT	SPRING & BALL (CHECK) STONE,DC	1
9	22959GT	COUPLER,19119 POWER UNIT	1
10	8693GT	O-RING,RESERVIOR,DC	1
11	25613GT	O-RING,17560/25674 PUMP	2
12	25674GT	PUMP ASSY,PZ-0.8	1
		includes mounting fasteners	
13	25614GT	COVER ASSY,SUCTION	1
14	25670GT	SCREW,HHC,12-24 X.31"	4
15		RESERVOIR,23375/27472 PWR.UNIT (25675)	1
		component no longer available	
16	6974GT	PLUG,PIPE,STL,SQ HEAD,3/8***	1
17	22961GT	GAUGE,OIL SIGHT,19119 MTR.	1
18	6651GT	ELBOW,STREET,GALV.,3/8 NPT	1
19	6950GT	BREATHER CAP, ALUMINUM PRODUCT	1
20	8723GT	FILTER, PICK-UP, 149 MICRON**	1
21	7135GT	SOLENOID MTG. BRKT. SIDE COVER	1
		includes 2 each index number 25	
22	10554GT	COVER, EMERG. LOWER HANDLE	1
23	6947GT	LEVER, MANUAL RELEASE	1
24		SOLENOID, STONE, DC	1
		obsolete, no longer available from supplier	
25	6948GT	SCREW,HHW,8-32 X .5	6
26	29752GT	SCREW,HHC,10-24 X .75	1
27	15513GT	NUT,HEX,10-32	1

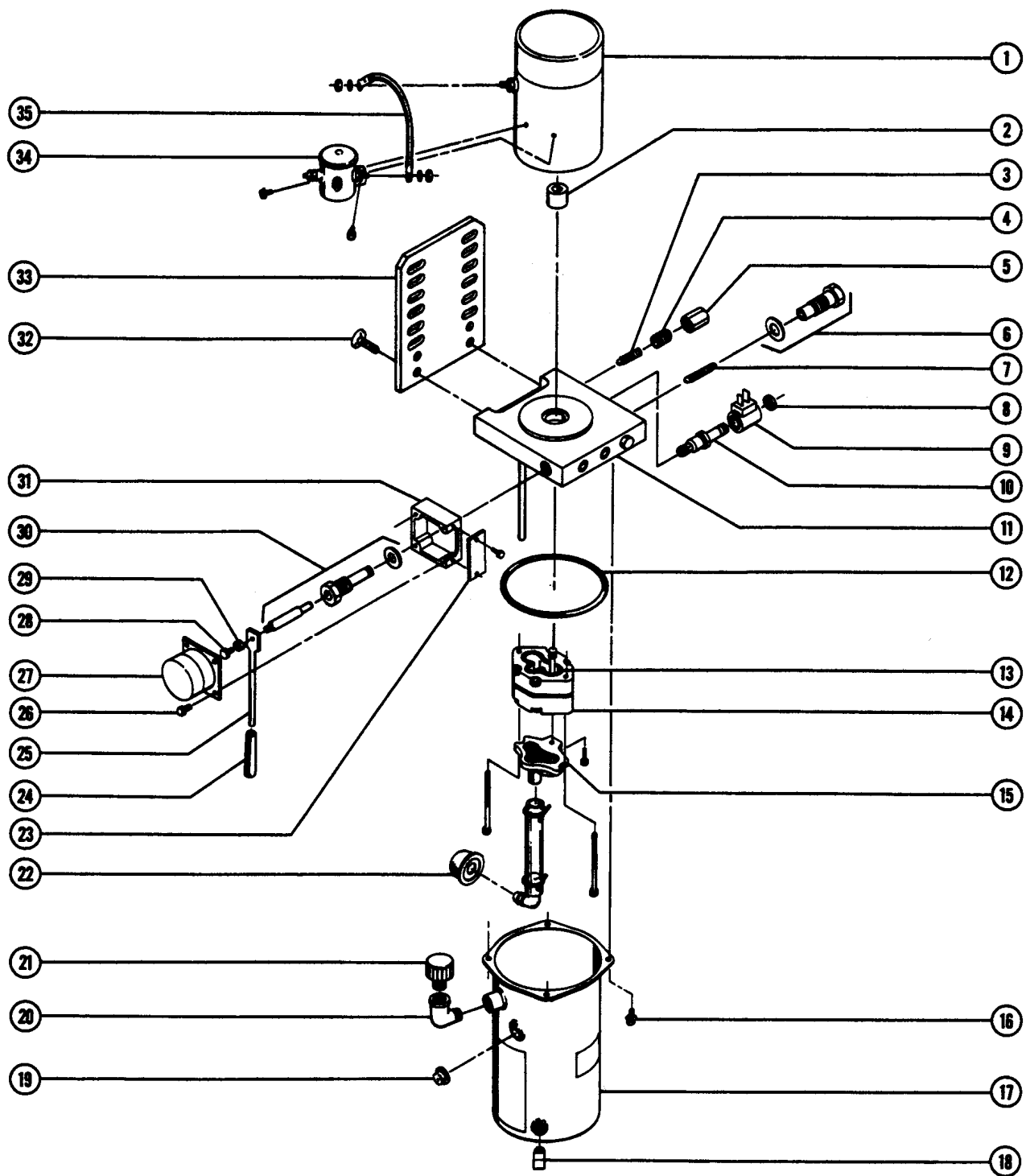
402.1 AC Hydraulic Power Unit



402.1 AC Hydraulic Power Unit

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	12439GT	VALVE,RELEASE CARTRIDGE,STONE	1
29	7134GT	SOLENOID MTG. BRACKET	1
30	25612GT	END HEAD MANIFOLD,23400 PWR.UN	1
31	25669GT	ADAPTER,MOTOR/ENDHEAD,23375	1
32		CAPACITOR COVER,22963(EMERSON) no longer available, (contact customer service)	1
33	25665GT	CAPACITOR,430-516MFD(EMERSON)	1
34		MOTOR,115/230V,60/60HZ (27472)	1
		29588 is no longer available	

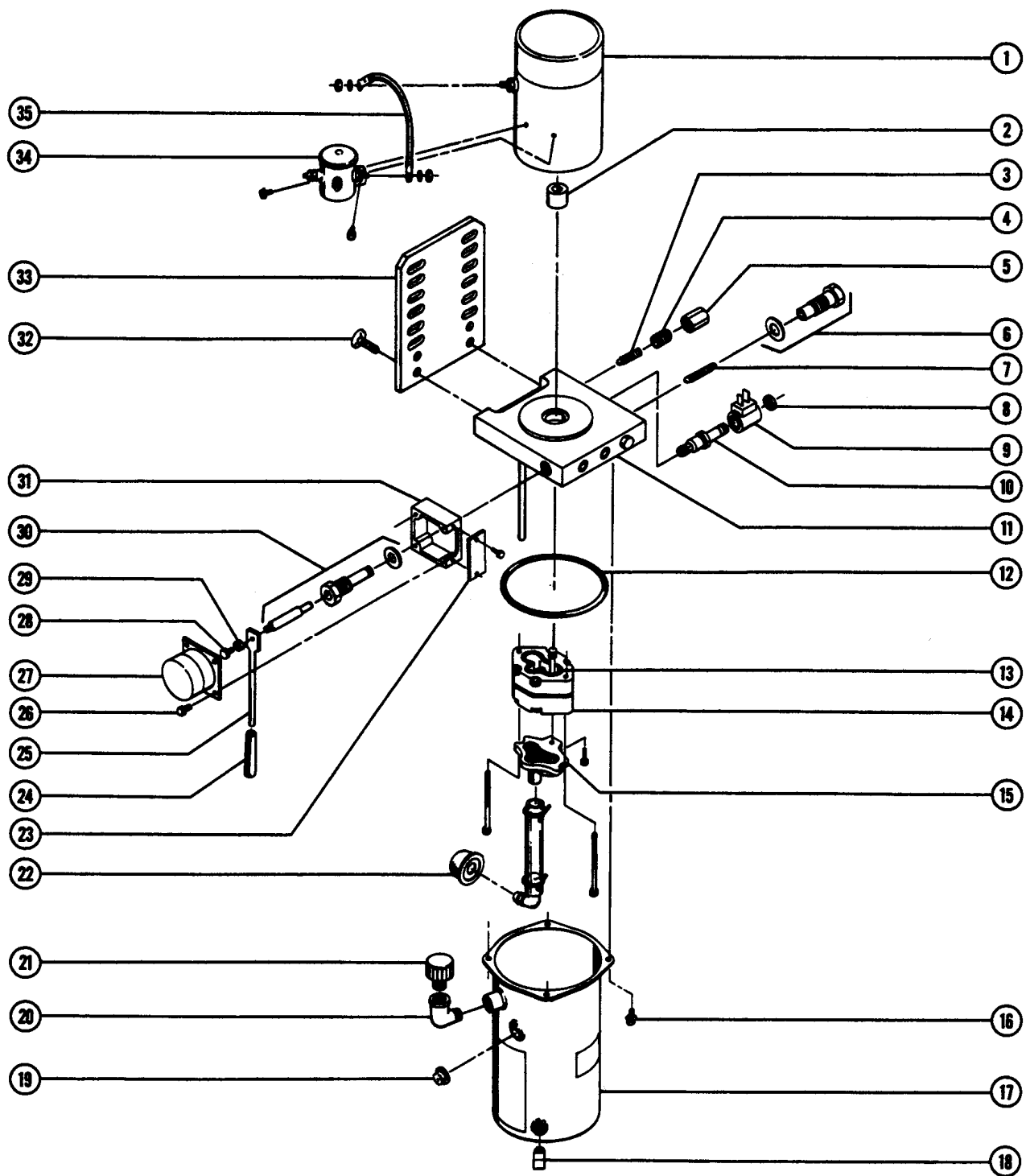
403.1 DC Hydraulic Power Unit



403.1 DC Hydraulic Power Unit

Item	Part No.	Description	Qty.
		POWER UNIT,DC (component no longer available)	
1	15942GT	MOTOR KIT-STONE 12V DC REPLA** includes index number 2	1
1	25664GT	BRUSH KIT,15942/29416 MOTOR***	1
2	23618GT	COUPLER,MTR.,DU-1007 (13998)**	1
3	72321GT	RELIEF VALVE KIT**	1
4	72321GT	RELIEF VALVE KIT**	1
5	72321GT	RELIEF VALVE KIT**	1
6	14219GT	CHECK CAP & SEAL RING--STONE	1
7	8747GT	SPRING & BALL (CHECK) STONE,DC	1
8	52943GT	NUT, SOLENOID VALVE COIL	1
9	25611GT	COIL,12VDC,25048 N.O.VALVE	1
10	25048GT	VALVE,CART(ONLY)W/NUT,23375 NC includes index number 8	1
11	25612GT	END HEAD MANIFOLD,23400 PWR.UN	1
12	8693GT	O-RING,RESERVIOR,DC	1
13	25613GT	O-RING,17560/25674 PUMP	2
14	17560GT	PUMP KIT-DB1005,06 (includes mounting fasteners; order 17993 shaft seal separately)	1
15	25614GT	COVER ASSY,SUCTION	1
16	25670GT	SCREW,HHC,12-24 X.31"	4
17		RESERVOIR,3 QUART,23400 PWR UN (component no longer available)	1
18	6974GT	PLUG,PIPE,STL,SQ HEAD,3/8***	1
19	22961GT	GAUGE,OIL SIGHT,19119 MTR.	1
20	6651GT	ELBOW,STREET,GALV.,3/8 NPT	1
21	6950GT	BREATHER CAP, ALUMINUM PRODUCT	1
22	8723GT	FILTER, PICK-UP, 149 MICRON**	1
23	7135GT	SOLENOID MTG. BRKT. SIDE COVER includes 2 each index number 26	1
24	10554GT	COVER, EMERG. LOWER HANDLE	1
25	6947GT	LEVER, MANUAL RELEASE	1
26	6948GT	SCREW,HHW,8-32 X .5	6

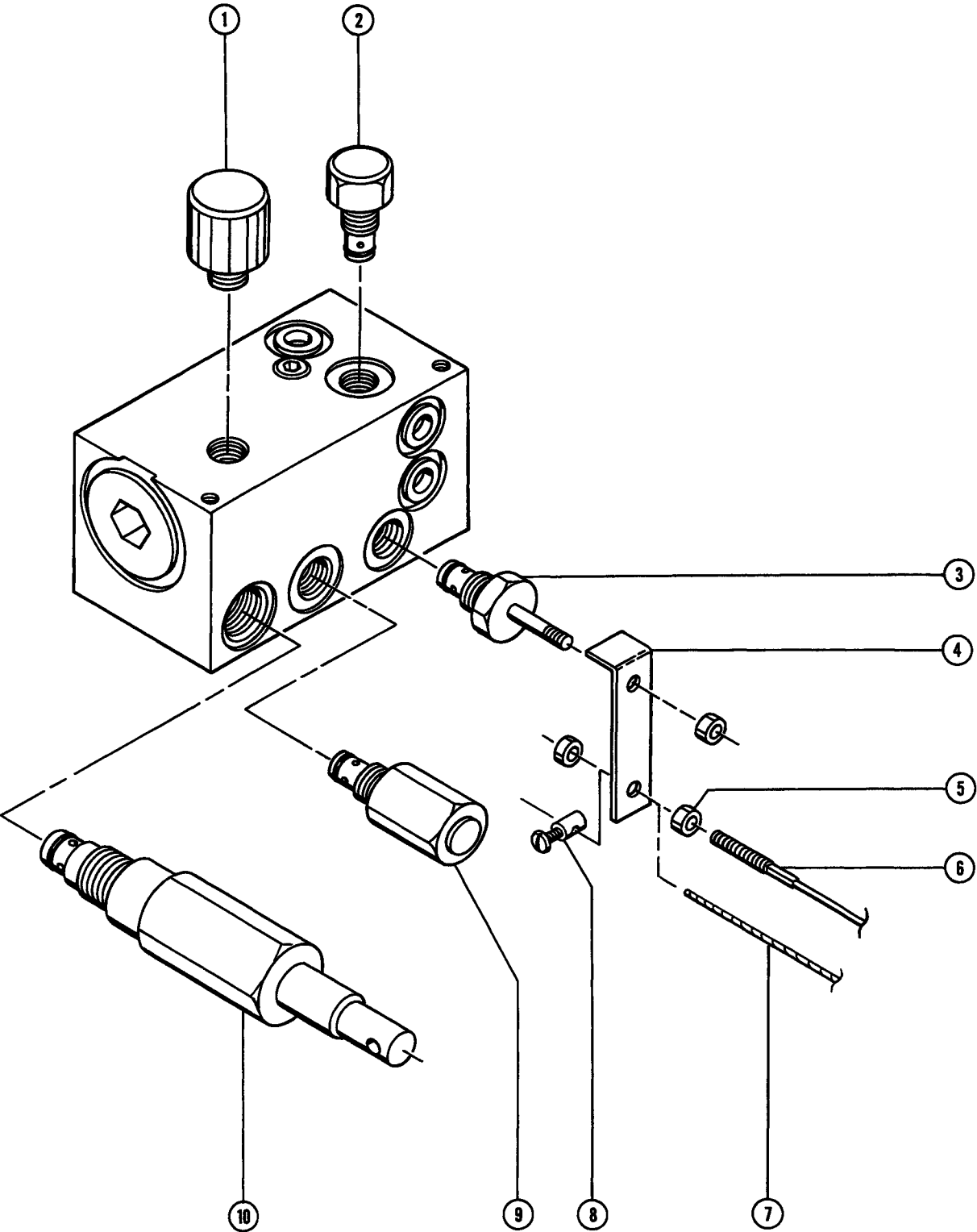
403.1 DC Hydraulic Power Unit



403.1 DC Hydraulic Power Unit

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	6977GT	SOLENOID, STONE, DC	1
28	29752GT	SCREW,HHC,10-24 X .75	1
29	15513GT	NUT,HEX,10-32	1
30	12439GT	VALVE,RELEASE CARTRIDGE,STONE	1
31	7134GT	SOLENOID MTG. BRACKET	1
32	45425GT	SCREW,FHS,3/8-16 X .75	2
33	29788GT	BRACKET,DC POWER UNIT MOUNT	1
34	7132GT	PUMP MOTOR SOLENOID	1
35	8748GT	STRAP, MOTOR TERMINAL	1

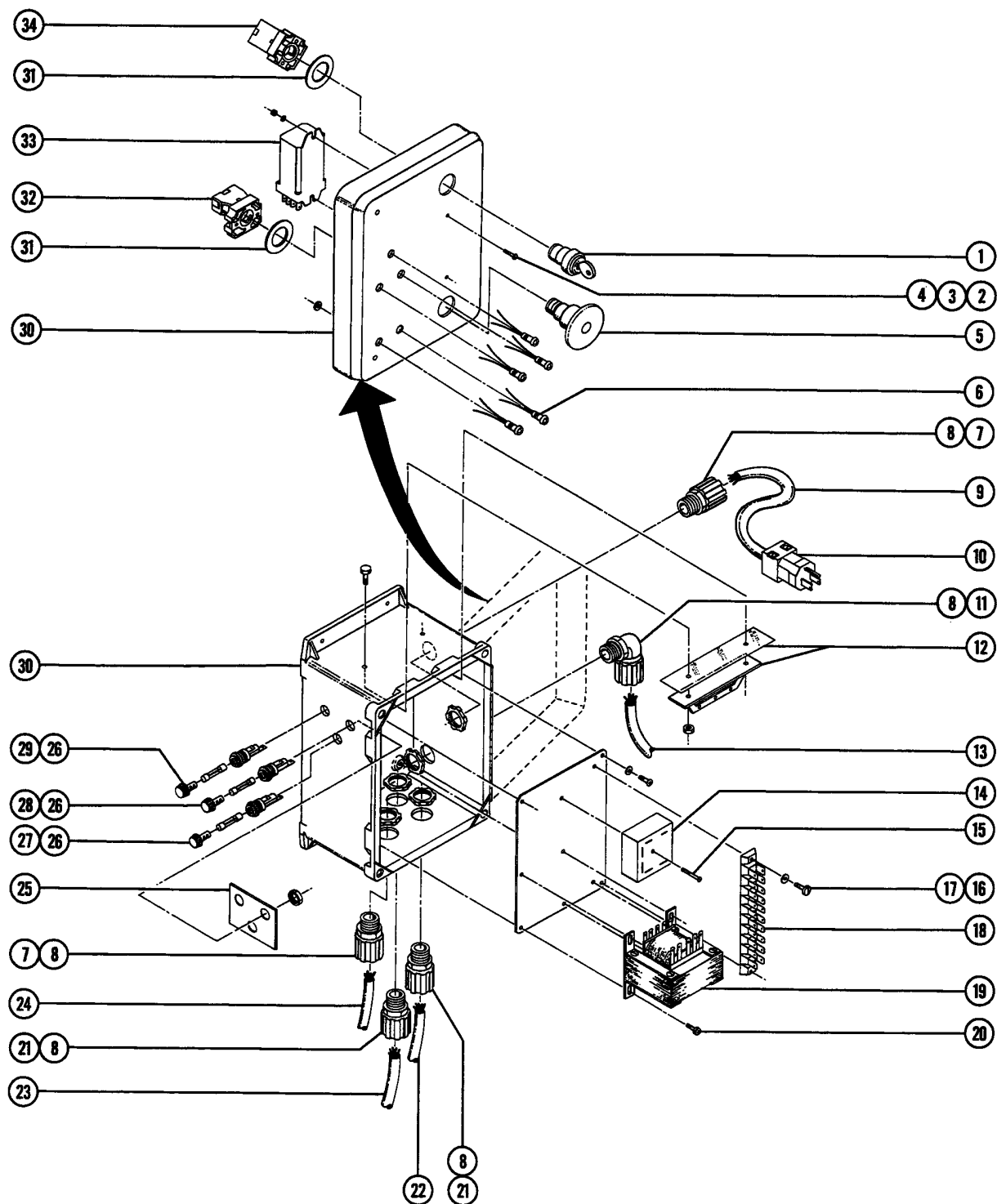
404.1 Foot Pump Manifold Assembly



404.1 Foot Pump Manifold Assembly

Item	Part No.	Description	Qty.
	31280GT	MANIFOLD & FITTING KIT,BASE Serial numbers from 4093-1001 to 4093-1489 (includes index numbers 1 - 4, 7 and 8; Complete)	
	31557GT	VALVE AND MANIFOLD KIT, IWP Serial numbers from 4093-1490 to 4093-1774 (includes index numbers 1 - 4, 7 and 8; Complete)	
1	6950GT	BREATHER CAP, ALUMINUM PRODUCT	1
2	31267GT	VALVE,FLOW REGULATOR .4 GPM	1
3	31268GT	VALVE,MANUAL RELEASE,IWP*** Nut - Hex, 1/4-28 included	1
4	31174GT	LEVER,RELEASE VALVE	1
5	25625GT	NUT,HEX,10-24	2
6		Ref. Replaced by index number 7	2
7	31890GT	CABLE RELEASE ASSEMBLY***	1
8	31572GT	CABLE CLAMP ASSEMBLY	1
9	31269GT	VALVE,PRESSURE RELIEF,IWP	1
10	29990GT	PUMP, FOOT, HYDRAULIC - IWP	1
10	31558GT	SEAL KIT,MANUAL FOOT PUMP	1

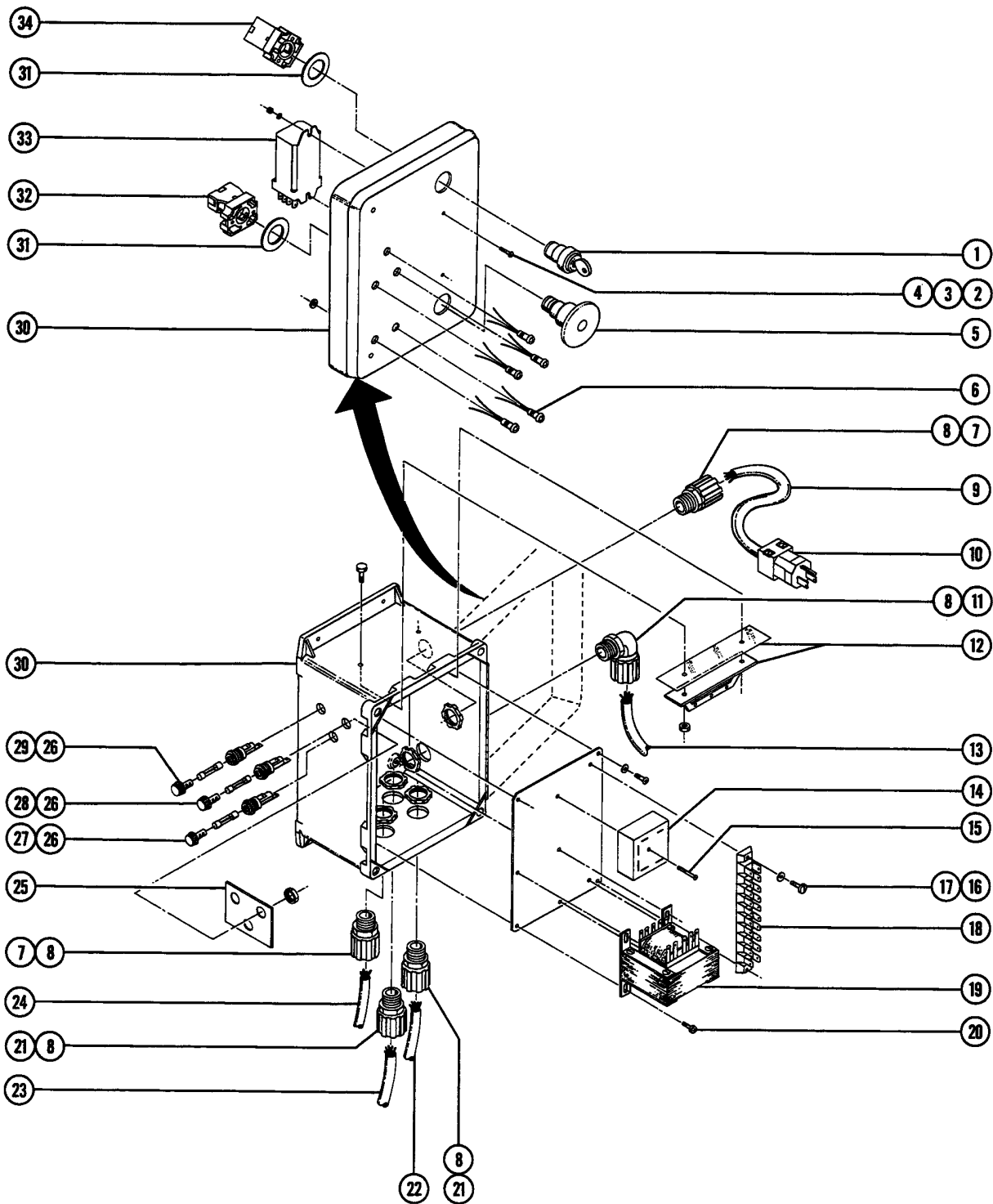
405.1 Ground Control Box - AC



405.1 Ground Control Box - AC

Item	Part No.	Description	Qty.
-	43962GT	HARNESS KIT,IWP PWR ASSIST IWP with Power Assist before serial number 4097-1750	
1	124642GT	KIT,KEYSWITCH, A/IWP/DPL,2PKS This is an update kit; the original key switch is no longer available from supplier. If this kit has already been installed on unit, please refer to 1A.	1
1A	58462GT	KEYSWITCH,2POS.MNTND W/BASE**	
1A	66816GT	CONTACT,N.O.***	
1A	21982GT	KEY,SINGLE***	1
2	45546GT	SCREW,RHM,6-32 X .5	2
3	11805GT	WASHER,FLAT,MS,#6,Y	4
4	12344GT	NUT,NYLOCK,6-32	2
5	124641GT	KIT,ESTOP, A/IWP/DPL This is an update kit; the original E-stop button is no longer available from supplier. If this kit has already been installed on unit, please refer to 5A	1
5A	66821GT	BASE,WITHOUT CONTACTS	
5A	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
5A	66818GT	CONTACT,NC	
6	27399GT	LED W/RES 12VDC GREEN 16"LEAD includes mounting fasteners	5
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
8	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	5
9	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	21
10	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
10	144161GT	PLUG,POWER,UK,16AMP,3PIN	1
10	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
11	23923GT	CONN. SQZ,1/2NPT .5-.625,90DEG	1
12	27262GT	HEATSINK ASSY W/DIODES (23442) includes mounting fasteners	1
13	6599GT	WIRE CABLE,14/3 SO,BULK	24
14	1272131GT	KIT, TIME DELAY RELAY 27397	1
15	11097GT	SCREW,PHM,10-32X1,SF.TAP.SLOT	1
16	8537GT	SCREW,FILLISTER HM,10-32 X .75	2
17	6607GT	WASHER,LOCK,#10 PLTD	2
18	27777GT	TERMINAL STRIP	1

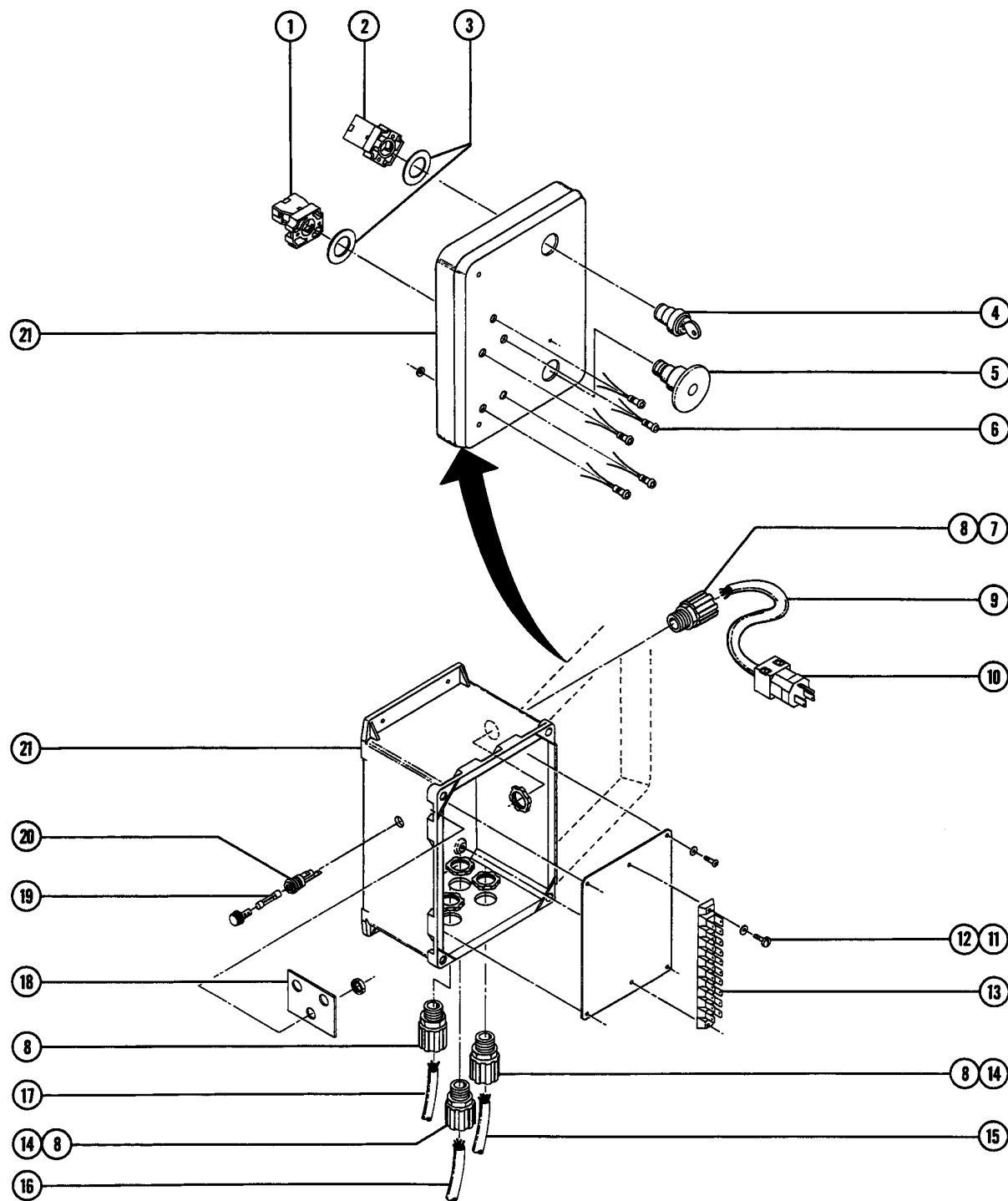
405.1 Ground Control Box - AC



405.1 Ground Control Box - AC

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
19	29730GT	TRANSFORMER,(27396),AWPII	1
20	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	4
21	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	2
22	29729GT	POWER CABLE,GRD TO BASE	1
23	29728GT	POWER CABLE,GRD TO PLAT	1
24	6918GT	WIRE CABLE,16/3 SJO,BULK	32
25	28850GT	PLATE,FUSE ANTI-ROTATION	1
26	20733GT	FUSE HOLDER,PANEL MOUNTED	3
		includes mounting fasteners	
27	27488GT	FUSE,1 AMP	1
28	28862GT	FUSE,5 AMP	1
29	23082GT	FUSE,15 AMP,TIME DELAY	1
29	28861GT	FUSE,8 AMP	1
30	29784GT	GROUND CNTRL.BOX W/DECALS,AC	1
		includes component mounting plate	
31	6563GT	WASHER,SHIM,.75 X 1.125 X.030	2
32		Ref; BASE,1 N.C. CONTACT	1
		Refer to reference number 5	
33	27398GT	CONTACTOR, 25 AMP, 12 VOLT DC	1
34		Ref; BASE,PSH BUTTON W/N.O.CNTACTR	1
		Refer to reference number 1	

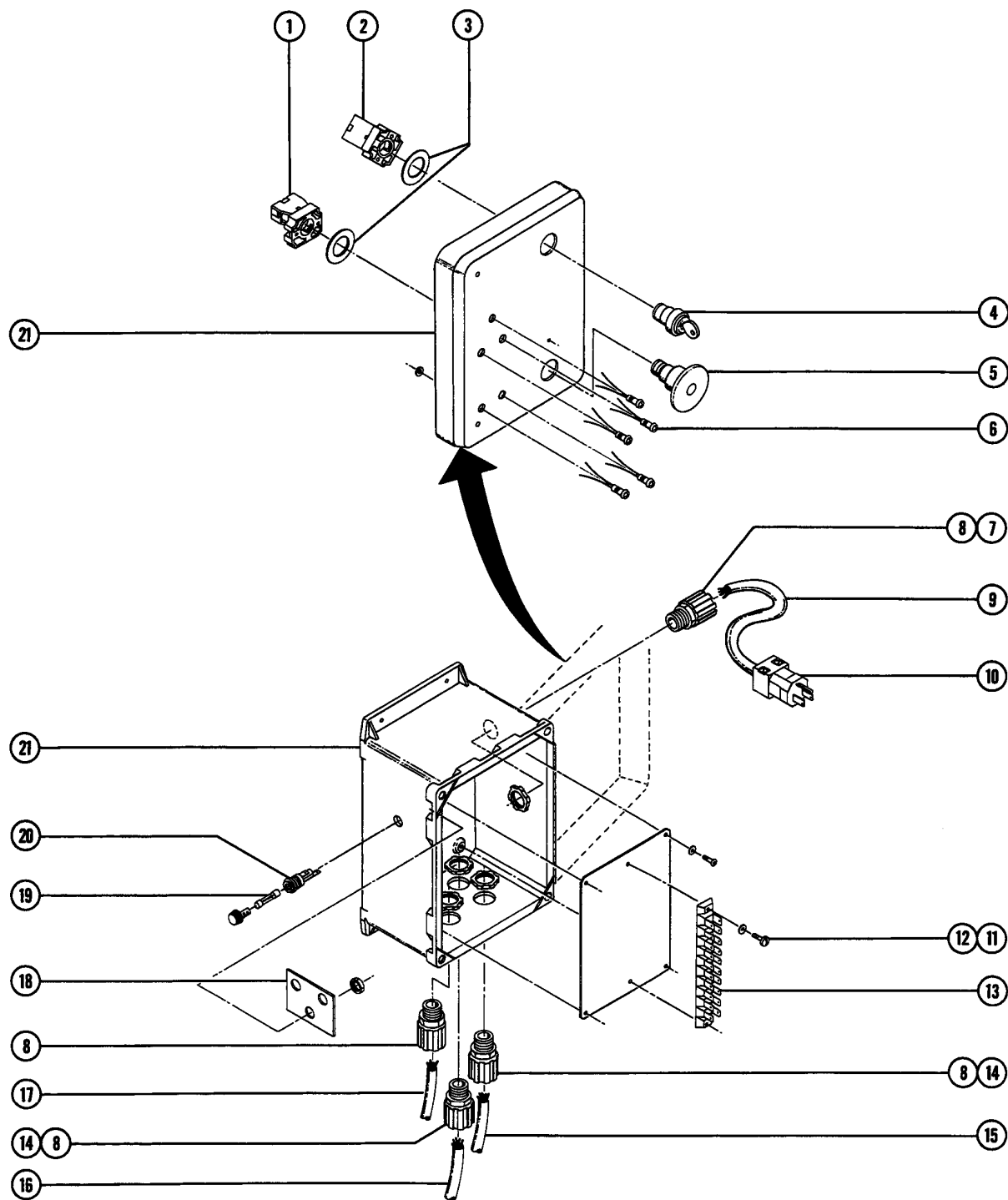
406.1 Ground Control Box - DC



406.1 Ground Control Box - DC

Item	Part No.	Description	Qty.
1		Ref; BASE,1 N.C. CONTACT Refer to reference number 5	1
2		Ref; BASE,PSH BUTTON W/N.O.CNTACT Refer to reference number 4	1
3	6563GT	WASHER,SHIM,.75 X 1.125 X.030	2
4	124642GT	KIT,KEYSWITCH, A/IWP/DPL,2PKS This is an update kit; the original key switch is no longer available from supplier. If this kit has already been installed on unit, please refer to 4A	1
4A	58462GT	KEYSWITCH,2POS.MNTND W/BASE**	
4A	66816GT	CONTACT,N.O.***	
4A	21982GT	KEY,SINGLE***	1
5	124641GT	KIT,ESTOP, A/IWP/DPL This is an update kit; the original E-stop button is no longer available from supplier. If this kit has already been installed on unit, please refer to 5A	1
5A	66821GT	BASE,WITHOUT CONTACTS	
5A	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
5A	66818GT	CONTACT,NC	
6	27399GT	LED W/RES 12VDC GREEN 16"LEAD includes mounting fasteners	5
7	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
8	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
9	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
10	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
10	144161GT	PLUG,POWER,UK,16AMP,3PIN	1
10	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
11	8537GT	SCREW,FILLISTER HM,10-32 X .75	2
12	6607GT	WASHER,LOCK,#10 PLTD	2
13	27777GT	TERMINAL STRIP	1
14	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	2
15	29729GT	POWER CABLE,GRD TO BASE	1
16	29728GT	POWER CABLE,GRD TO PLAT	1
17	6562GT	WIRE CABLE,16/4 SJO,BULK	
18	28850GT	PLATE,FUSE ANTI-ROTATION	1
19	28862GT	FUSE,5 AMP	1

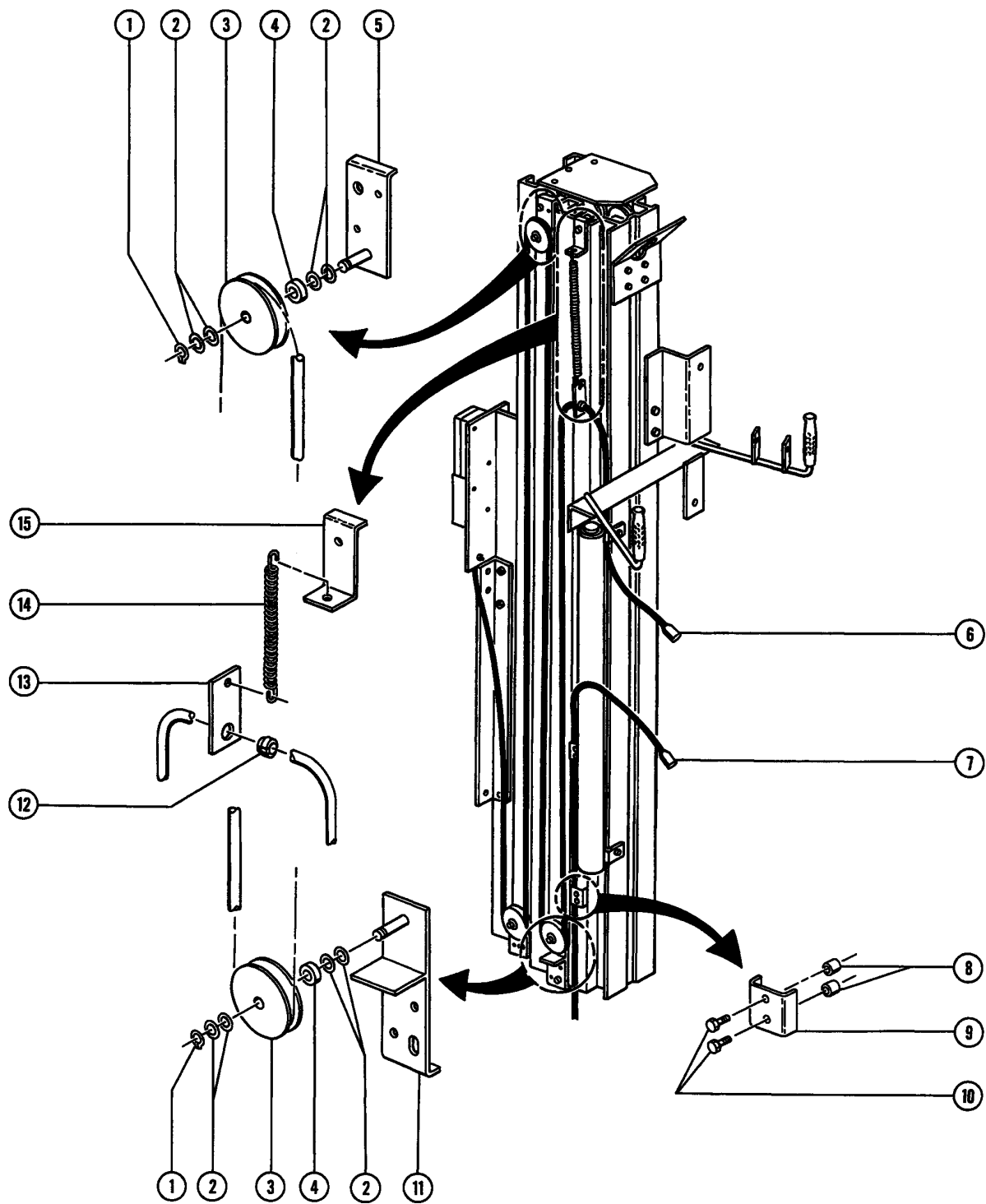
406.1 Ground Control Box - DC



406.1 Ground Control Box - DC

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	20733GT	FUSE HOLDER,PANEL MOUNTED includes mounting fasteners	1
21	29783GT	GROUND CNTRL.BOX W/DECALS,DC includes component mounting plate	1

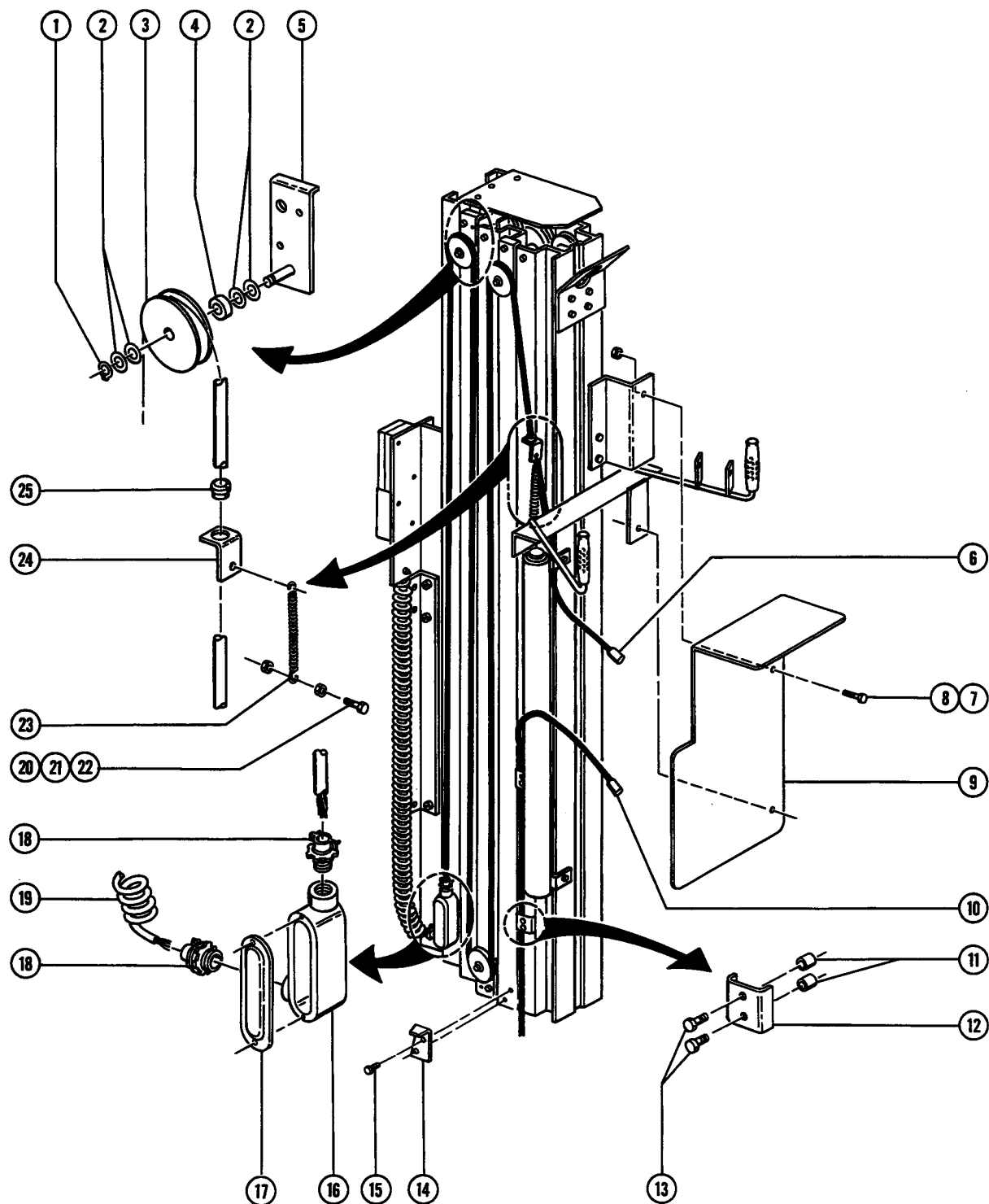
407.1 Control Cable Assembly, IWP-19



407.1 Control Cable Assembly, IWP-19

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	23630GT	RING,RETAINER,EXT, .375	3
2	7268GT	WASHER,SHIM,.375 X.625X.033 ST	12
3	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP	3
4	23670GT	SPACER, SHEAVE, NYLON	3
5	23579GT	SHEAVE BRACKET WELDMENT	2
6	31564GT	POWER CORD,IWP19,GROUND/PLAT.	1
7	31567GT	POWER CORD,IWP24,GROUND/BASE	1
8		SPACER, SLEEVE, .25 X.44 X.058	6
		no longer available	
9	23620PGT	BRACKET-CABLE ATTACH., PAINTED	3
10	6090GT	SCREW, HHC, 1/4-20 X .75	6
11	31144GT	BRACKET, SHEAVE WELDMNT, IWP19	1
12	23788GT	BUSHING,STRAIN RELIEF, 53/64"	1
13	23787-SGT	BRACKET,CONTROL CABLE TENSION	1
14	23396GT	SPRING,CONTROL CABLE, AWP	1
15	23578PGT	BRACKET-SEQ.CABLE, UPPER-BLUE	1

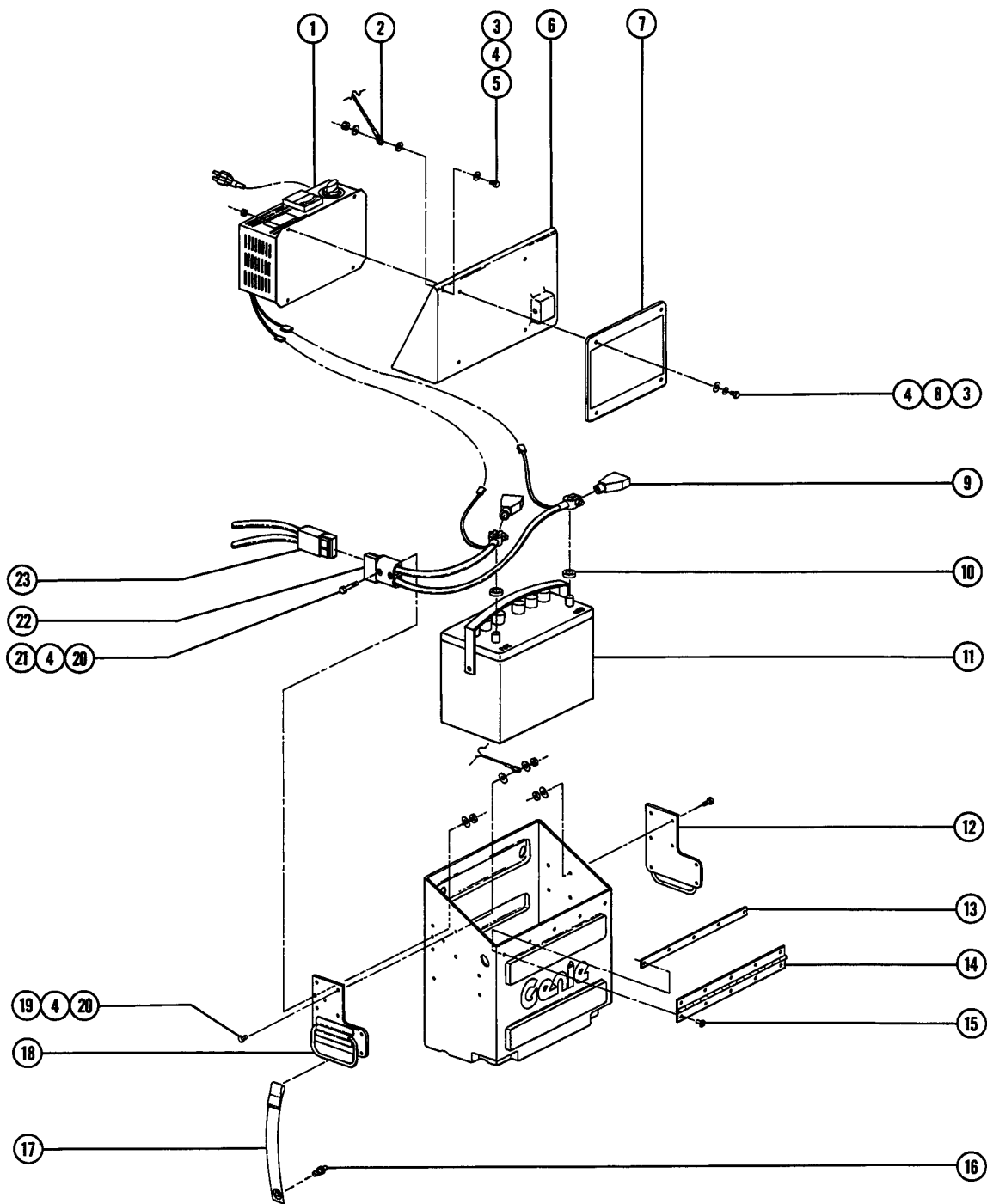
408.1 Control Cable Assembly, IWP-24



408.1 Control Cable Assembly, IWP-24

Item	Part No.	Description	Qty.
1	23630GT	RING,RETAINER,EXT.,.375	3
2	7268GT	WASHER,SHIM,.375 X.625X.033 ST	12
3	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP	3
4	23670GT	SPACER, SHEAVE, NYLON	3
5	23579GT	SHEAVE BRACKET WELDMENT	3
6	31566GT	POWER CORD,IWP24,GROUND/PLAT.	1
7	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
8	6198GT	NUT, NYLOCK, 1/2-13	2
9	27483PGT	PLATE,MOTOR MOUNT,PAINTED,AWP2	1
10	31567GT	POWER CORD,IWP24,GROUND/BASE	1
11		SPACER, SLEEVE, .25 X.44 X.058	6
		no longer available	
12	23620PGT	BRACKET-CABLE ATTACH., PAINTED	3
13	6090GT	SCREW, HHC, 1/4-20 X .75	7
14	31143PGT	BRACKET, MAST VALVE STRIKER	1
15	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
16	6632GT	OUTLET BOX,OVAL,(LL19)	1
17	6633GT	OUTLET BOX CAP	1
18	8785GT	GRD.CONN.,1/2",INSULATED	2
		includes fasteners	
19	12560GT	COIL CORD,16/6,24"COIL	1
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
21	7713GT	NUT, LP NYLOCK, 3/8-16	1
22	4828GT	NUT,NYLOCK,3/8-16	1
23	23396GT	SPRING,CONTROL CABLE, AWP	1
24	23787-SGT	BRACKET,CONTROL CABLE TENSION	1
25	23788GT	BUSHING,STRAIN RELIEF, 53/64"	1

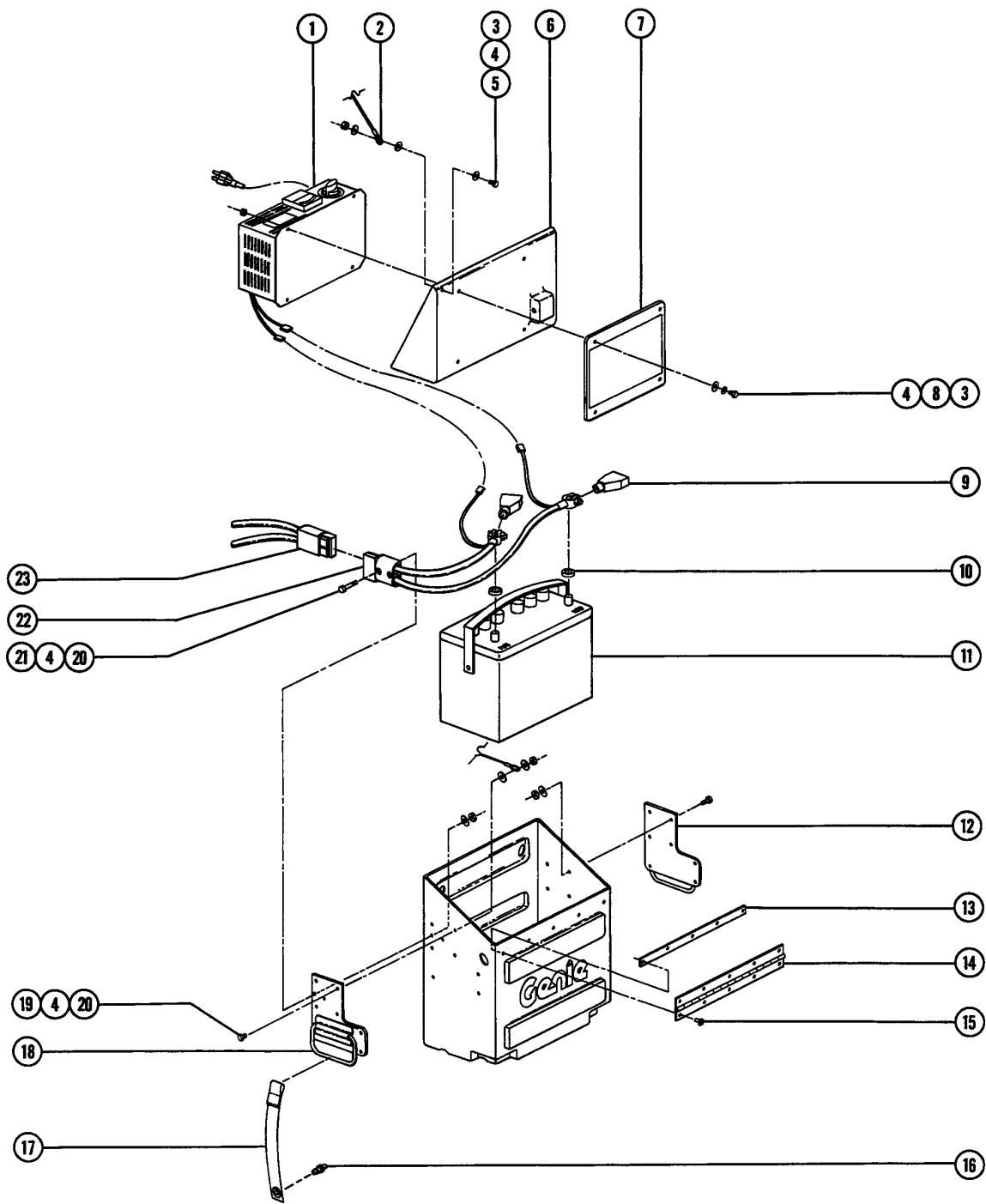
409.1 Battery Pack Assembly



409.1 Battery Pack Assembly

Item	Part No.	Description	Qty.
	32105GT	BATT. PACK,ASSY,IWP 110/60HZ	
	32106GT	BATT.PACK,IWP,NO BATT. 110/60	
	32107GT	BATT. PACK, ASSY, IWP,110/50	
	32108GT	BATT.PACK-IWP,NO BATT.110/50	
	32109GT	BATT. PACK,ASSY, IWP,110/50 UK	
	32110GT	BATT.PACK-IWP,NO BATT.110/50UK	
	32111GT	BATT. PACK, ASSY, IWP, 220/50	
	32112GT	BATT.PACK-IWP,NO BATT.220/50	
	32113GT	BATT. PACK, ASSY, IWP, 230/60	
	32114GT	BATT.PACK-IWP,NO BATT.230/60	
1	80889GT	KIT,CHARGER,AWP/IWP*** (to SN IWP04-5196) (cord must be ordered separately; see item 24 below)	1
1		CHARGER, 100-115/50-PL,PLC,AWP Lester model no. 6675, no longer available from supplier	1
1	16794GT	CHARGER-230/60, PLC STYLE	1
		Lester model no. 6670	
1	6851GT	CHARGER, 200-230/50-PLI,AWP	1
		Lester model no. 6680	
2	4500GT	CABLE 1/8 7 X 19 GALV.-BULK	
2	2238GT	CABLE OVAL SLEEVE, 1/16	2
3	6888GT	SCREW,HHC,1/4-20 X 1	4
4	6638GT	WASHER, FLAT, USS, 1/4"Y	22
5	6091GT	NUT, NYLOCK, 1/4-20	3
6	24873GT	BATTERY BOX,DRILLED,AWP includes index numbers 2-5 and 13-15	1
7	29112GT	DECAL PLATE,BATTERY BOX	1
8	6356GT	WASHER,LOCK,.25	2
9	18189GT	BOOT,BATTERY TERMINAL,RED	2
10	57162GT	BATTERY TERMINAL PROTECTORS	2
11	57159GT	BATTERY,12V GRP 27,105 AH, DRY	1
12	31265PGT	HANDLE,R.S.BATTERY,PAINTED **	1
13	24165GT	PLATE,HINGE BACK-UP	1
14	23519PGT	HINGE-PAINTED	1

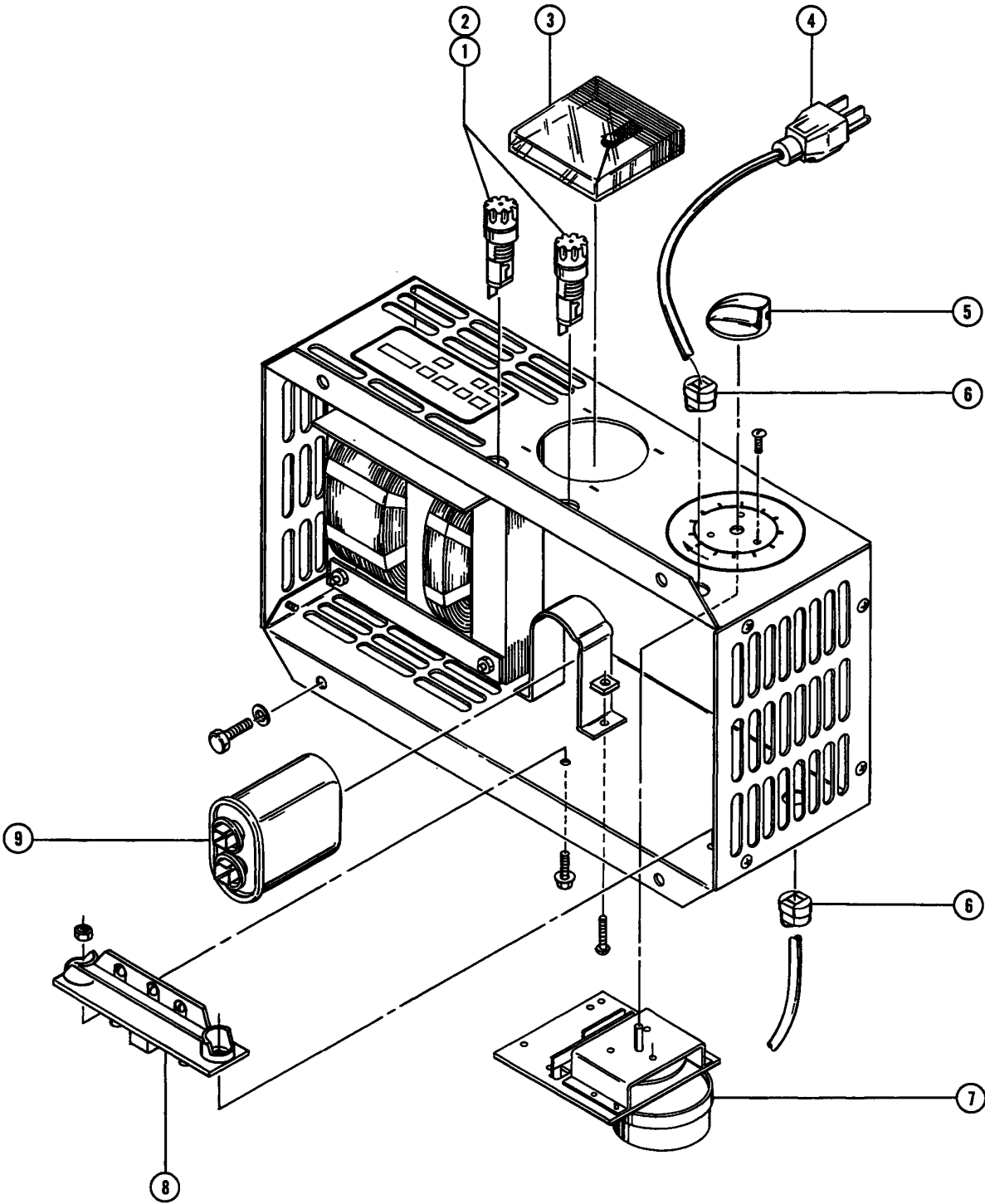
409.1 Battery Pack Assembly



409.1 Battery Pack Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
15	11314GT	RIVET,MAGNALOK,,192 #4	10
16	31621GT	STUD,BATTERY STRAP	1
17	31187GT	STRAP ASSY,BATT BOX,IWP	2
18	29989PGT	HANDLE,L.S.BATTERY,PAINTED **	1
19	6090GT	SCREW, HHC, 1/4-20 X .75	13
20	6889GT	NUT,LP NYLOCK,1/4-20	14
21	6145GT	SCREW,HHC,1/4-20 X 1.5	2
22	38212GT	CABLE ASSY,BAT PACK/CLAMP POST	1
		includes index number 9	
23	25180GT	CABLE ASSY,ANDRSN,30" AWP19/24	1
24A	55021GT	POWER CORD,US 110, 8"	
		US models (for 80889)	
24B	71706GT	POWER CORD, UK 110, 115"	
		UK 110V (for 80889)	
24C	55018GT	POWER CORD,UK-HIGH VOLTAGE, 8"	
		UK/AUS 220V (for 80889)	
24D	55019GT	POWER CORD,NOVON, 8"	
		EURO 220V (for 80889)	

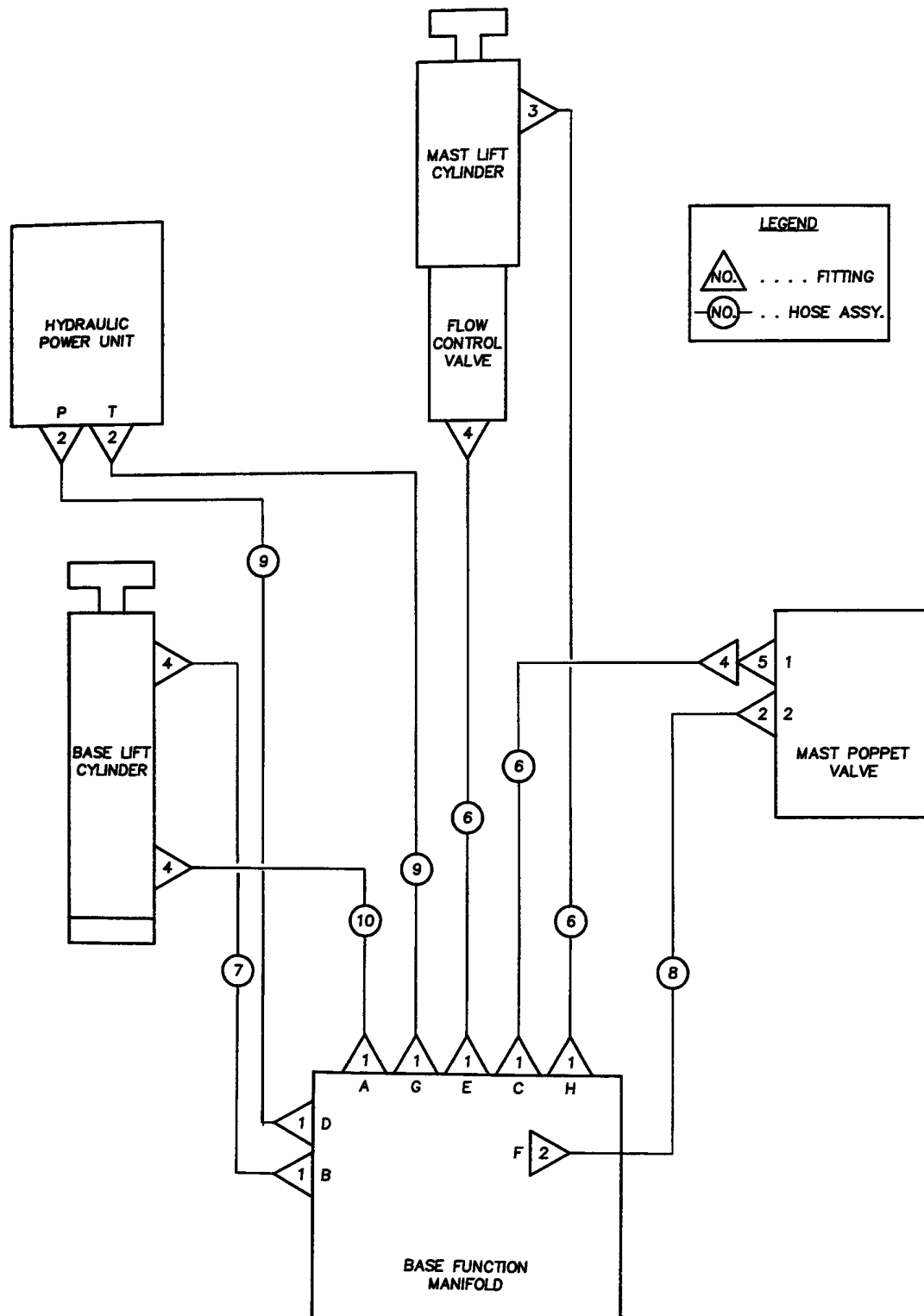
410.1 Battery Charger



410.1 Battery Charger

Item	Part No.	Description	Qty.
	80889GT	KIT,CHARGER,AWP/IWP*** (to SN IWP04-5196) Signet) (cord must be ordered separately; see item 10 below)	1
		CHARGER, 100-115/50-PL,PLC,AWP Lester model no. 6675, no longer available from supplier	
	16794GT	CHARGER-230/60, PLC STYLE	
		Lester model no. 6670	
	6851GT	CHARGER, 200-230/50-PLI,AWP	
		Lester model no. 6680	
1	20733GT	FUSE HOLDER,PANEL MOUNTED includes mounting fasteners	2
2	45844GT	FUSE,15 AMP,TYPE 3AG	2
3	14809GT	AMMETER-(6685,6675 CHARGER)**	1
4	16369GT	CORDSET,AC-6671 CHARG.,MD#6685	1
4	17743GT	CORDSET-AC (6688 CHARGER)	1
4	17742GT	CORDSET-AC (16794 CHARGER)	1
4	17741GT	CORDSET-AC (6851 CHARGER)	1
4	144161GT	PLUG,POWER,UK,16AMP,3PIN	1
4	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
5	8992GT	KNOB,TIMER	1
6	16364GT	BUSHING-6671 CHARG.,MOD# 6685	2
7	8991GT	TIMER,12HR,CHARGER MOD.#2002** shown	1
7	17740GT	TIMER-12 HR,230/60(16794 CHGR)	1
7	9500GT	TIMER,12HR,CHARGER MOD.#8563	1
8	14450GT	HEATSINK--MODEL #06685 CHARGER	1
9	8924GT	CAPACITOR,2.0MFD,660 VAC 3820	1
10A	55021GT	POWER CORD,US 110, 8" US models (for 80889)	
10B	71706GT	POWER CORD, UK 110, 115" UK 110V (for 80889)	
10C	55018GT	POWER CORD,UK-HIGH VOLTAGE, 8" UK/AUS 220V (for 80889)	
10D	55019GT	POWER CORD,NOVON, 8" EURO 220V (for 80889)	

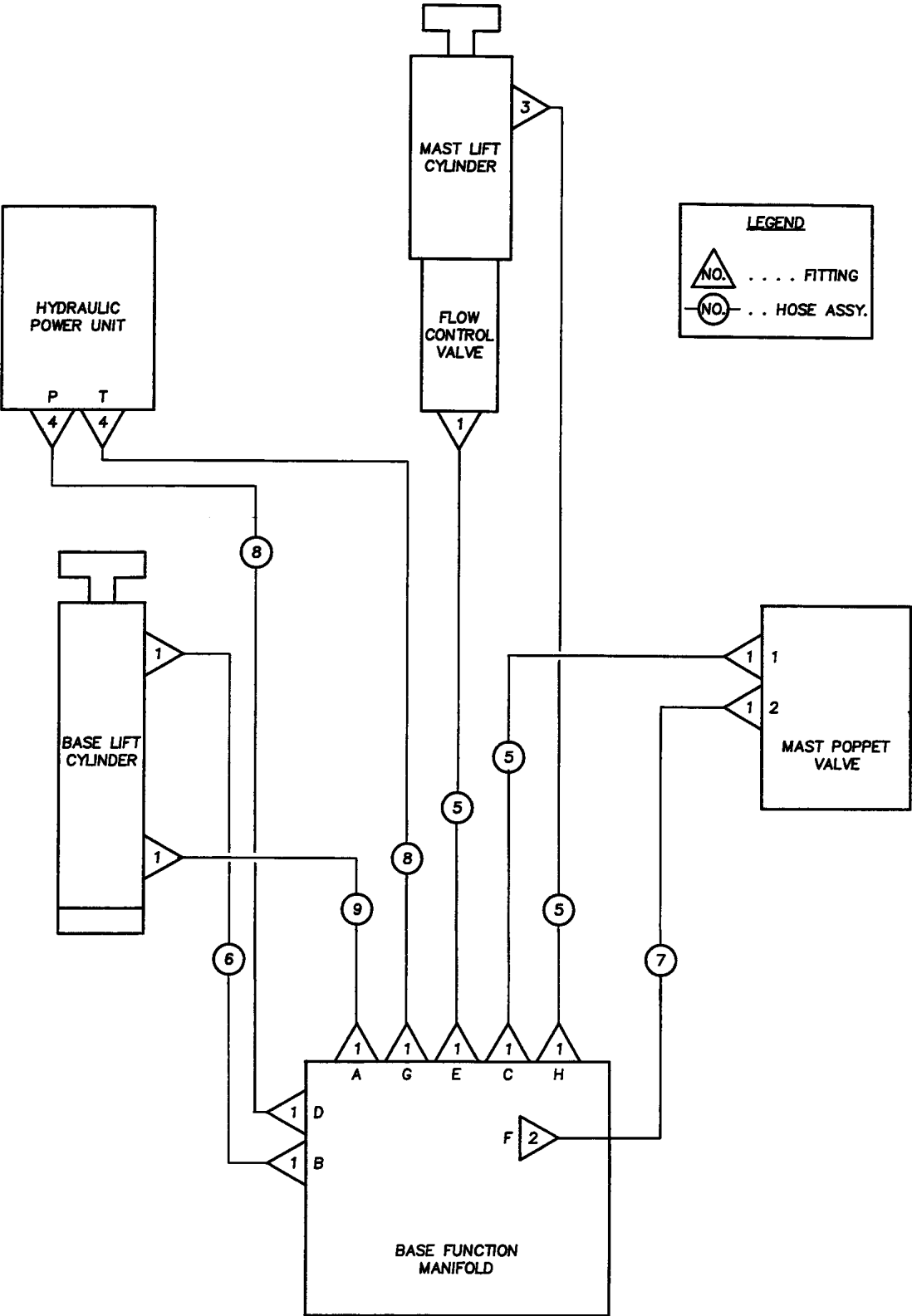
411.1 Hydraulic Hoses and Fittings (Serial numbers from 1001 to 1489)



411.1 Hydraulic Hoses and Fittings (Serial numbers from 1001 to 1489)

Item	Part No.	Description	Qty.
	31192GT	HYD. FITTING KIT, IWP #4 PORT (includes index numbers 1-5)	1
1	31193GT	ELBOW,070320-4-6	7
2	12340GT	ELBOW,070220-4-6	4
3	31194GT	ELBOW,070302-4-2	1
4	45351GT	ELBOW, 070320-4-4	4
5	31196GT	ADAPTER,O-RING,G6410-6-4	1
6	29996GT	HOSE ASSY,MANIFOLD TO LIFT CYL Hose - 1/8 inch W.P. 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	3
7	29997GT	HOSE ASSY,MANIFOLD TO BASE CYL Hose - 1/8 inch W.P. 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
8	29998GT	HOSE ASSY,MANIFOLD-POPPET VALV Hose - 1/8 inch W.P. 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
9	29999GT	HOSE ASSY,MANIFOLD TO MOTOR Hose - 1/8 inch W.P. 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	2
10	31131GT	HOSE ASSY,MANIFOLD TO BASE CYL Hose - 1/8 inch W.P. 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1

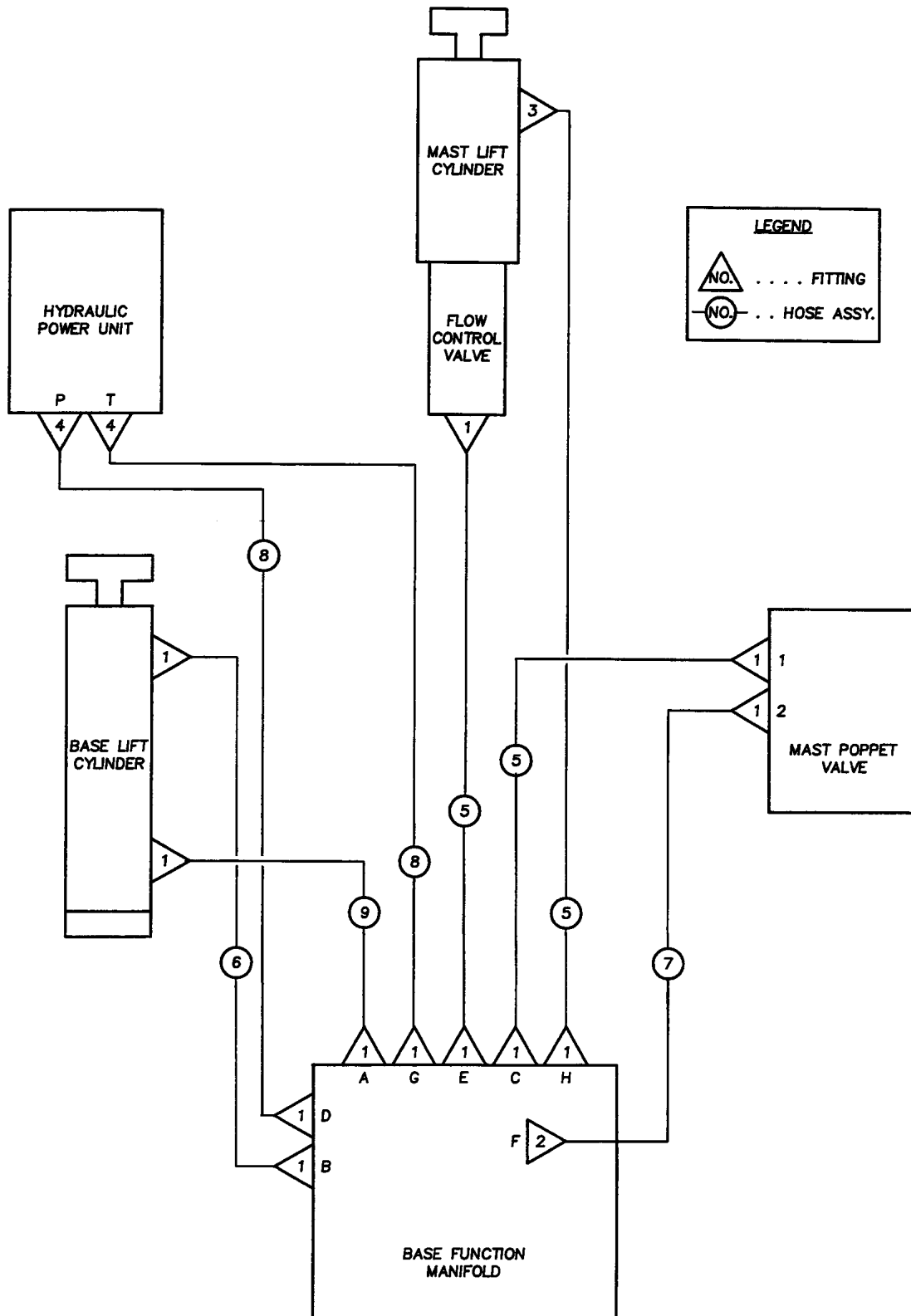
412.1 Hydraulic Hoses and Fittings



412.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	31192GT	HYD. FITTING KIT, IWP #4 PORT includes index numbers 1 - 4; from SN 1490-1490	1
1	45351GT	ELBOW, 070320-4-4 from SN 1493-1490	12
2	13921GT	ELBOW, 07022-4-4 from SN 1493-1490	1
3	31194GT	ELBOW, 070302-4-2 from SN 1493-1490	1
4	12340GT	ELBOW, 070220-4-6 from SN 1493-1490	2
5	29996GT	HOSE ASSY, MANIFOLD TO LIFT CYL from SN 1493-1490 (Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	3
6	29997GT	HOSE ASSY, MANIFOLD TO BASE CYL from SN 1493-1490 (Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
7	29998GT	HOSE ASSY, MANIFOLD-POPPET VALV from SN 1493-1490 (Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
8	29999GT	HOSE ASSY, MANIFOLD TO MOTOR from SN 1493-1490 (Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	2
9	31131GT	HOSE ASSY, MANIFOLD TO BASE CYL from SN 1493-1490 (Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1

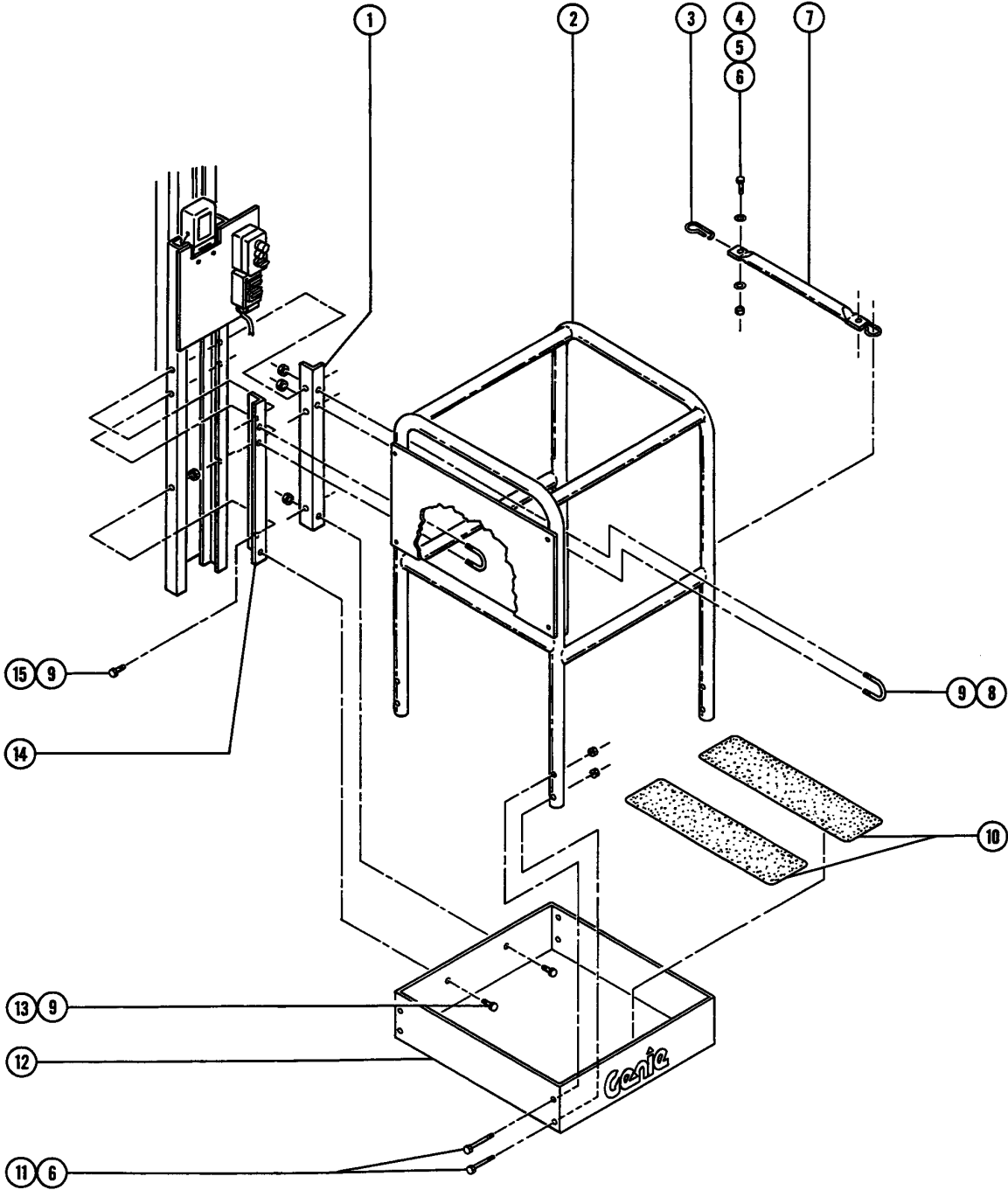
412.2 Hydraulic Hoses and Fittings (Serial numbers from 1490 to 99999)



412.2 Hydraulic Hoses and Fittings (Serial numbers from 1490 to 99999)

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	31192GT	HYD. FITTING KIT, IWP #4 PORT (includes index numbers 1 - 4)	1
1	45351GT	ELBOW, 070320-4-4	12
2	13921GT	ELBOW, 07022-4-4	1
3	31194GT	ELBOW, 070302-4-2	1
4	12340GT	ELBOW, 070220-4-6	2
5	29996GT	HOSE ASSY, MANIFOLD TO LIFT CYL Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	3
6	29997GT	HOSE ASSY, MANIFOLD TO BASE CYL Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
7	29998GT	HOSE ASSY, MANIFOLD-POPPET VALV Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1
8	29999GT	HOSE ASSY, MANIFOLD TO MOTOR Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	2
9	31131GT	HOSE ASSY, MANIFOLD TO BASE CYL Hose - 1/8 inch, 2500 psi (Synflex 3130-02) and Hose End - Female JIC Swivel, 0.25 (0.125 Flexline)	1

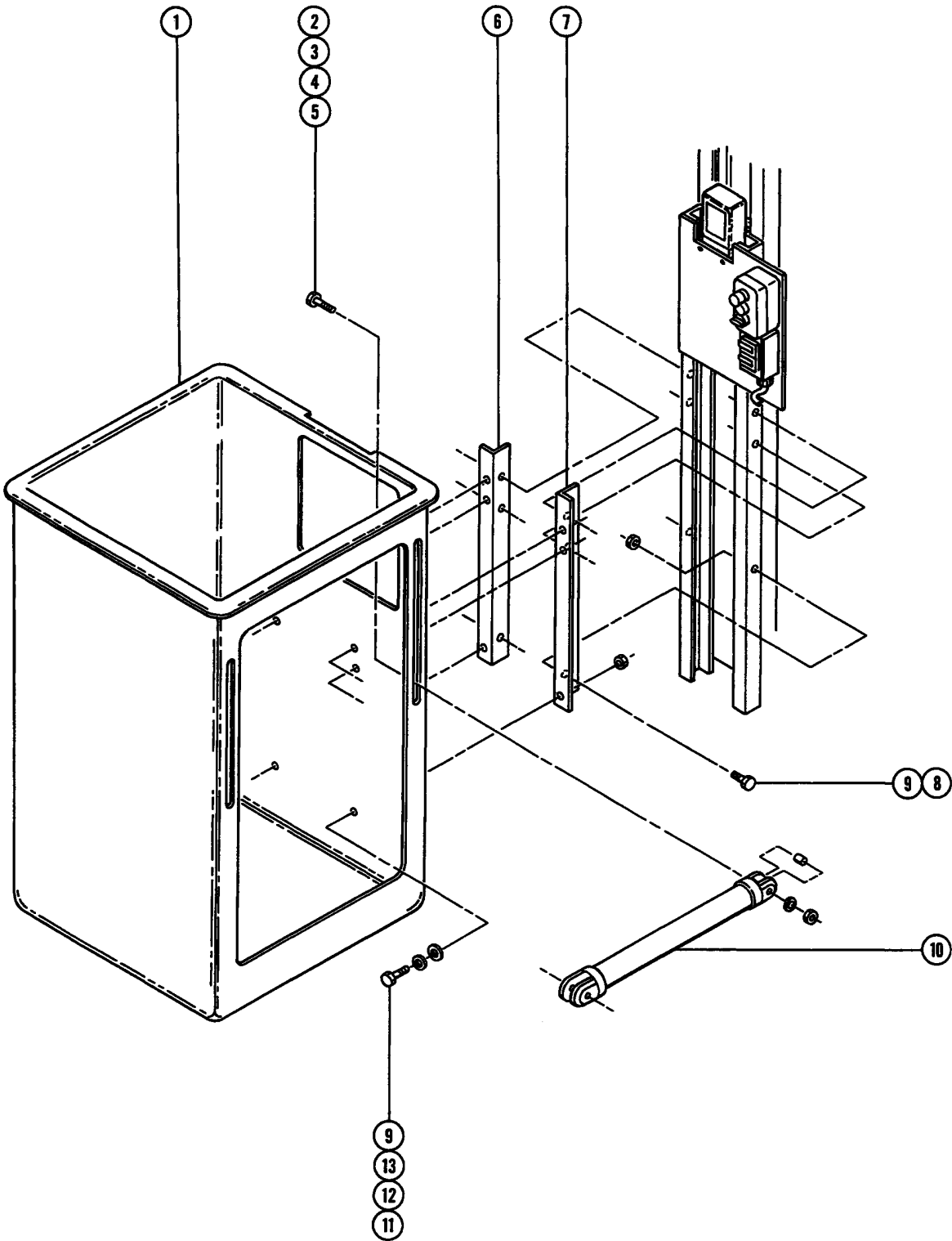
501.1 Aluminum Platform Assembly



501.1 Aluminum Platform Assembly

Item	Part No.	Description	Qty.
	27485GT	STD.ALUM. (includes index numbers 2-7 and 10-12)	
	27486GT	PLAT., NARROW ALUM (includes index numbers 2-7 and 10-12)	
	29379GT	STD. ALUM, FRANCE/HOLLAND (includes index numbers 2-7 and 10-12)	
	29380GT	PLAT. ASSY,NRW EURO AWP/IWP (includes index numbers 2-7 and 10-12)	
1	27623GT	PLATFORM MOUNT ANGLE-LH,AWP2	1
2	1279461GT	RAILING WELDMENT,IWP (includes index numbers 3-7)	1
2	31577GT	WELDMENT,NARROW WIDTH RAILING (includes index numbers 3-7)	1
2	29148GT	RAIL WELD,STD,AWP EURO (includes index numbers 3-7)	1
2	29149GT	RAILING WELD,NRRW,AWP EURO (includes index numbers 3-7)	1
3	12443GT	MIDRAIL GUIDE (HOOK)	2
4	6888GT	SCREW,HHC,1/4-20 X 1	2
5	6638GT	WASHER, FLAT, USS, 1/4"Y	4
6	6091GT	NUT, NYLOCK, 1/4-20	10
7	139450GT	SLIDING MIDRAIL KIT, NO PAINT (includes index numbers 3-7)	1
7	53819GT	TUBE,SLIDING MIDRAIL,20.69 IN	1
7	31146GT	WIRE LOOM,.413" NON-SLIT***	16
8	6550GT	U-BOLT,3/8 X 1 YZ	2
9	4828GT	NUT,NYLOCK,3/8-16	12
10	24537GT	TAPE,NON-SKID,DIE CUT,6"X 2'	2
11	6637GT	SCREW,HHC,1/4-20 X 1.75	8
12	31570GT	TOEBOARD WELDMENT W/DECALS,STD	1
12	31571GT	TOEBOARD, NRW,W/DECALS IWP/AWP	1
13	6175GT	SCREW,HHC,3/8-16 X 1	2
14	27622GT	PLATFORM MOUNT ANGLE-RH,AWP2	1
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6

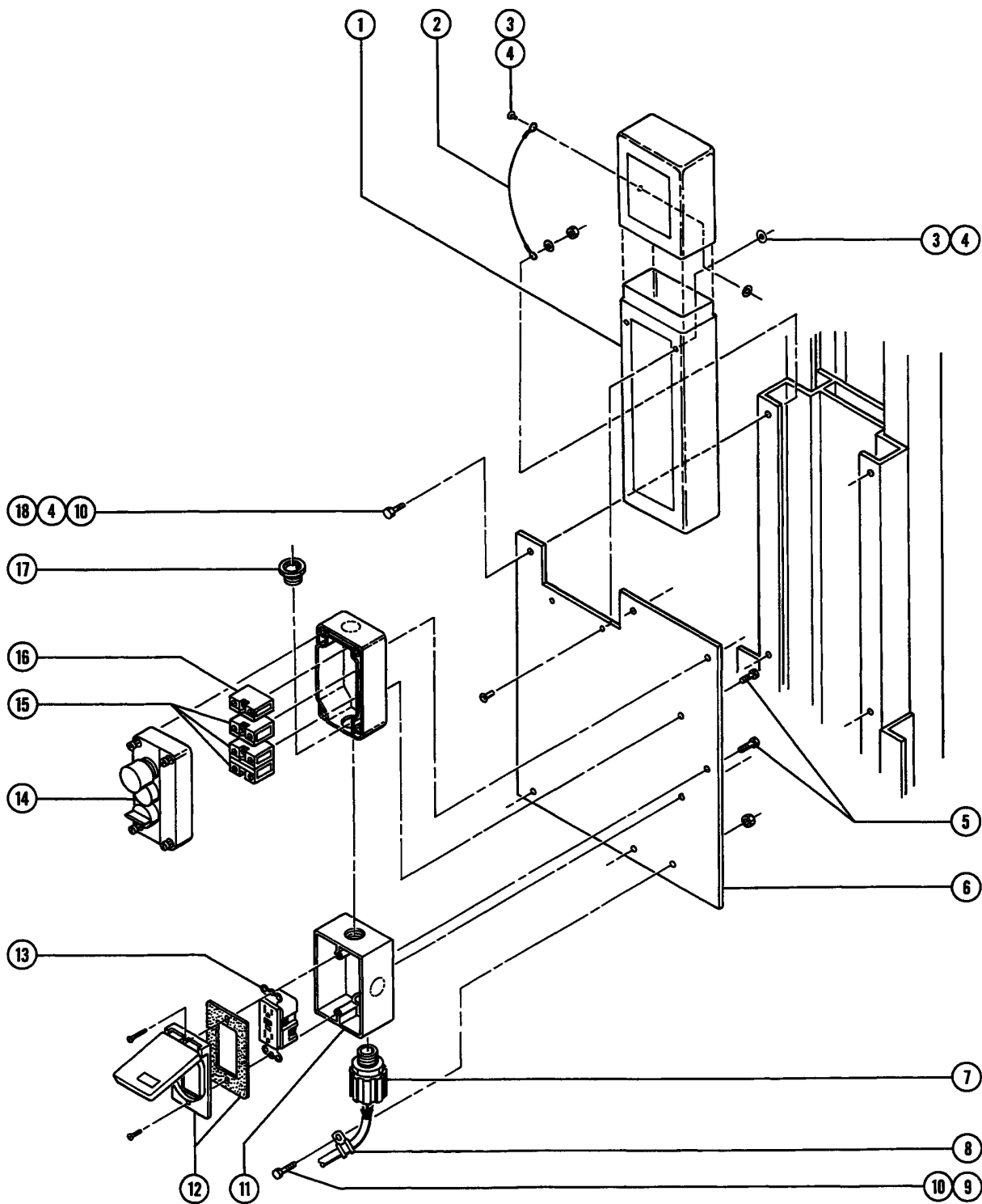
502.1 Fiberglass Platform Assembly



502.1 Fiberglass Platform Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	31195GT	OPTION, FIBER PLATFORM (includes index numbers 2-5 and 10)	1
2	23838GT	SCREW,FHM,1/4-20X1.75,GR2	2
3	8149GT	SPACER,NYLON .257 X .5 X .75"	2
4	6638GT	WASHER, FLAT, USS, 1/4"Y	2
5	6889GT	NUT,LP NYLOCK,1/4-20	2
6	27622GT	PLATFORM MOUNT ANGLE-RH,AWP2	1
7	27623GT	PLATFORM MOUNT ANGLE-LH,AWP2	1
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
9	4828GT	NUT,NYLOCK,3/8-16	12
10	23849GT	SLIDING MIDRAIL ASSY, FIBER	1
11	6708GT	SCREW,HHC,3/8-16 X 2.25	6
12	6097GT	WASHER,FLAT,USS,3/8",Y	6
13	14016GT	WASHER,FLAT,502 X 1.747 X.04	6

503.1 Platform Controls



503.1 Platform Controls

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	31278GT	BOX,INSTRUCTION STORAGE,IWP (includes index numbers 2 - 4)	1
1	31064GT	MANUAL,OPER.INSTR.,IWP	1
2	31280GT	MANIFOLD & FITTING KIT,BASE	1
3	6271GT	RIVET,STL,STL.MAN,P,.25 X .25	3
4	6638GT	WASHER, FLAT, USS, 1/4"Y	4
5	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	4
6	31279GT	PLATE,SWITCH MT W/DECALS, IWP	1
7	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	1
8	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
9	6090GT	SCREW, HHC, 1/4-20 X .75	4
10	6091GT	NUT, NYLOCK, 1/4-20	5
11	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
12	45437GT	COVER,GFCI,WEATHERPROOF (includes gasket and mounting fasteners)	1
12	10777GT	COVER, BLANK (includes gasket and mounting fasteners)	1
13	13585GT	OUTLET 110V	1
14	100256GT	CONTROL BOX,THREE BUTTON	1
14-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
14-	80076GT	BUTTON,PUSH,BLACK W/SEAL	1
14-	80716GT	SWITCH,SELECTOR,BLACK	1
15	80714GT	CONTACTOR BLOCK,N.O.	3
16	80715GT	CONTACTOR BLOCK,N.C.	1
17	80712GT	NIPPLE,1/2" CONDUIT	1
18	6888GT	SCREW,HHC,1/4-20 X 1	1

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California Proposition 65



WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.