TEREX

Parts Manual

Serial Number Range

TML-4000N

from serial number TML01-01 to TML01-225

Part No. 69881
Rev A16
November 2018

Technical Publications

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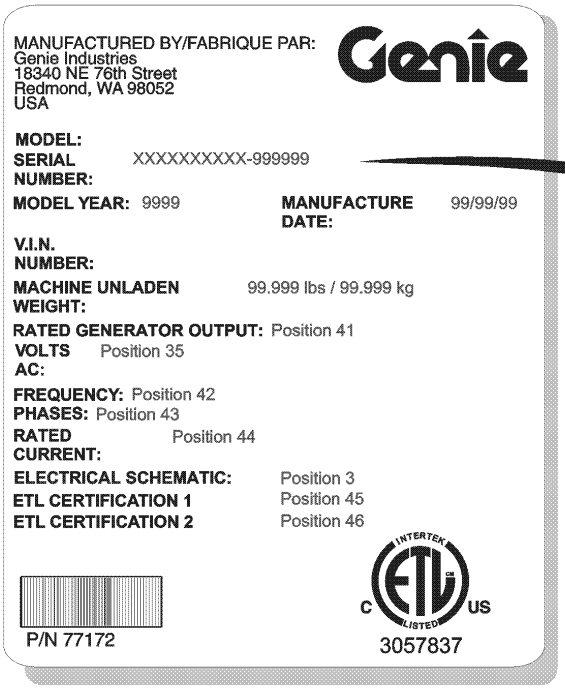
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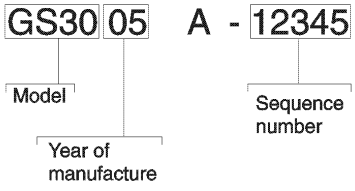
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First Edition, First Printing

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Serial Number Legend





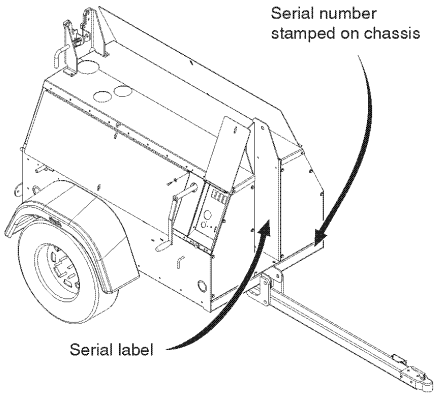


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How to Order Parts

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

TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

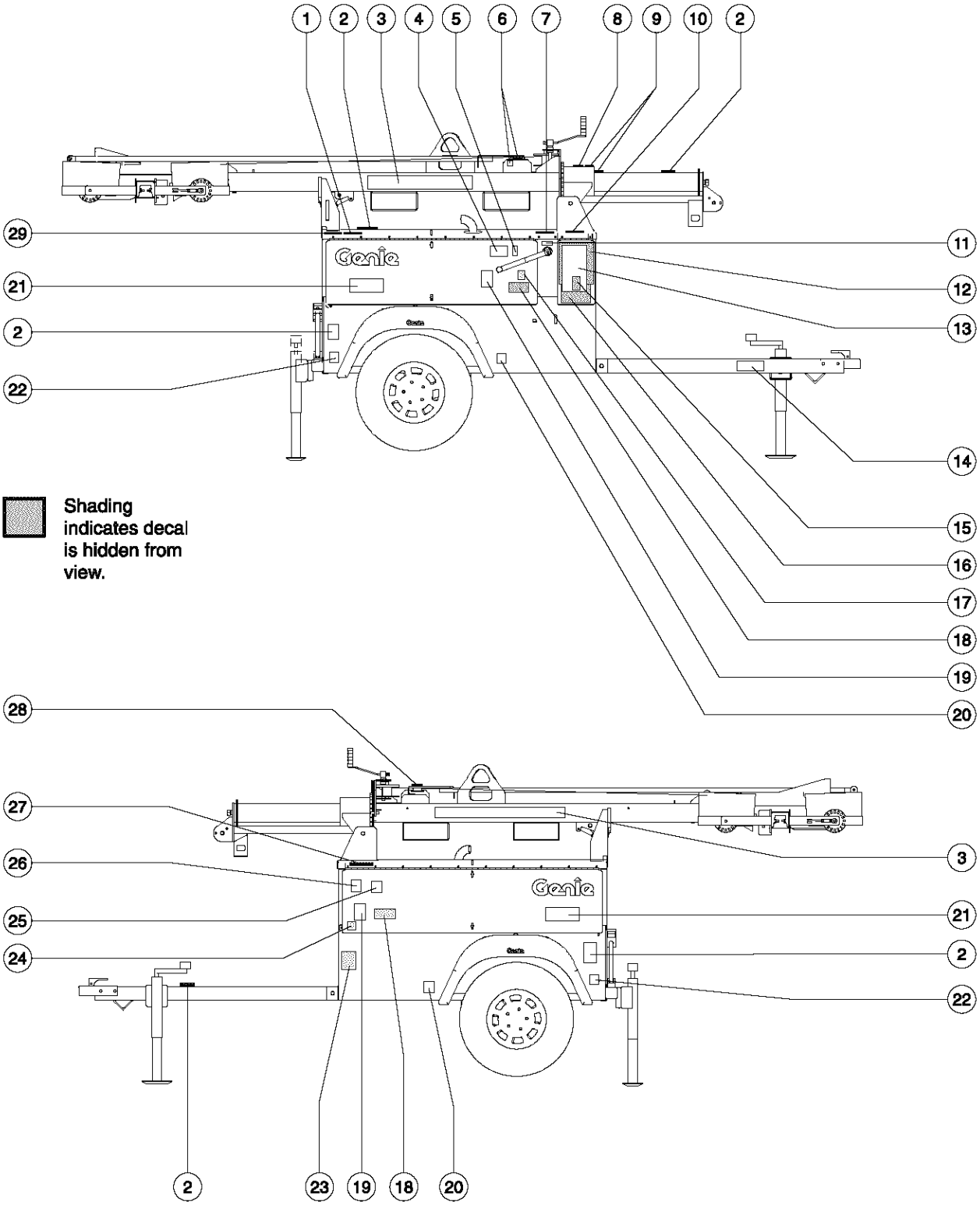
Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

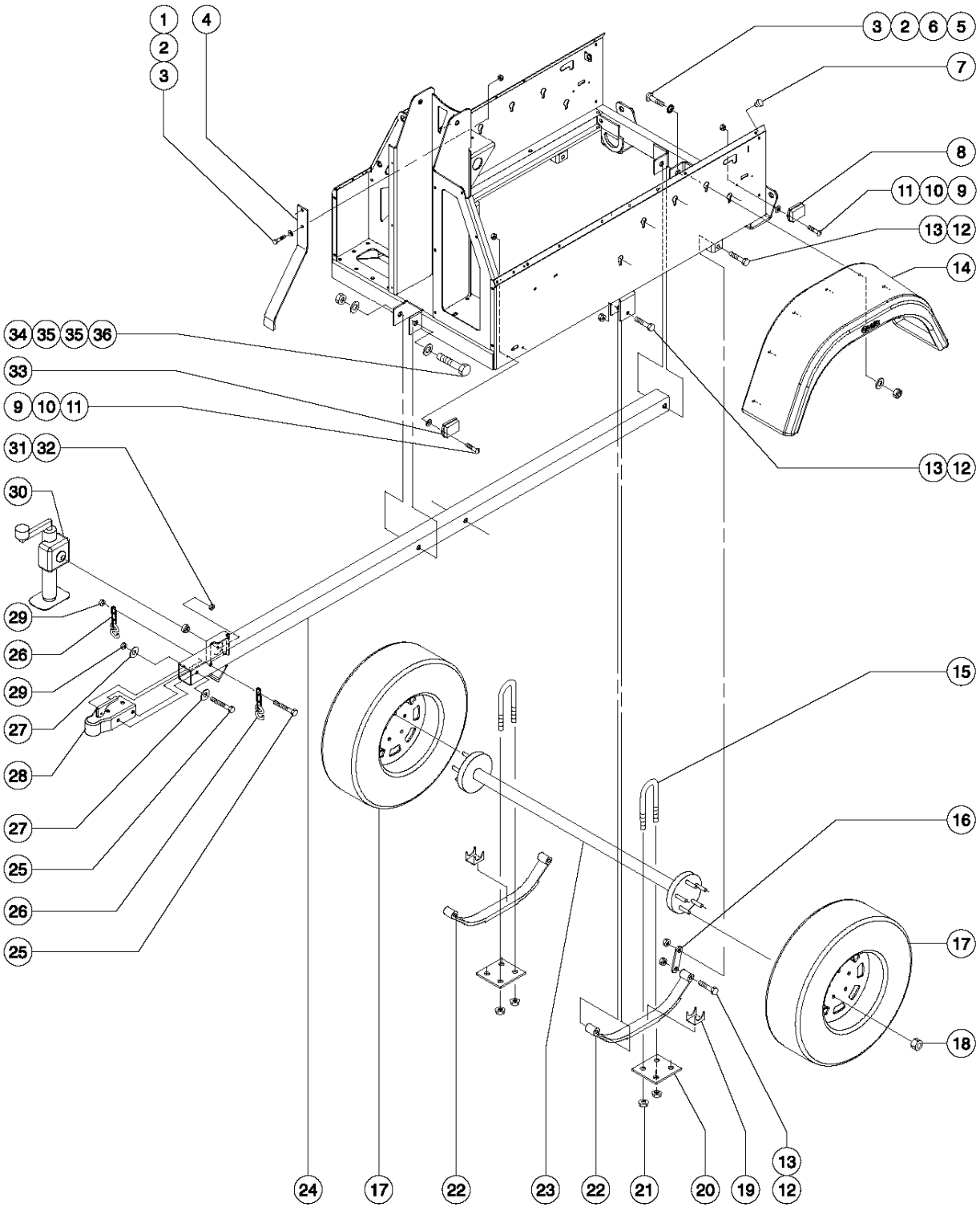
- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

101.1 Decals and Paint



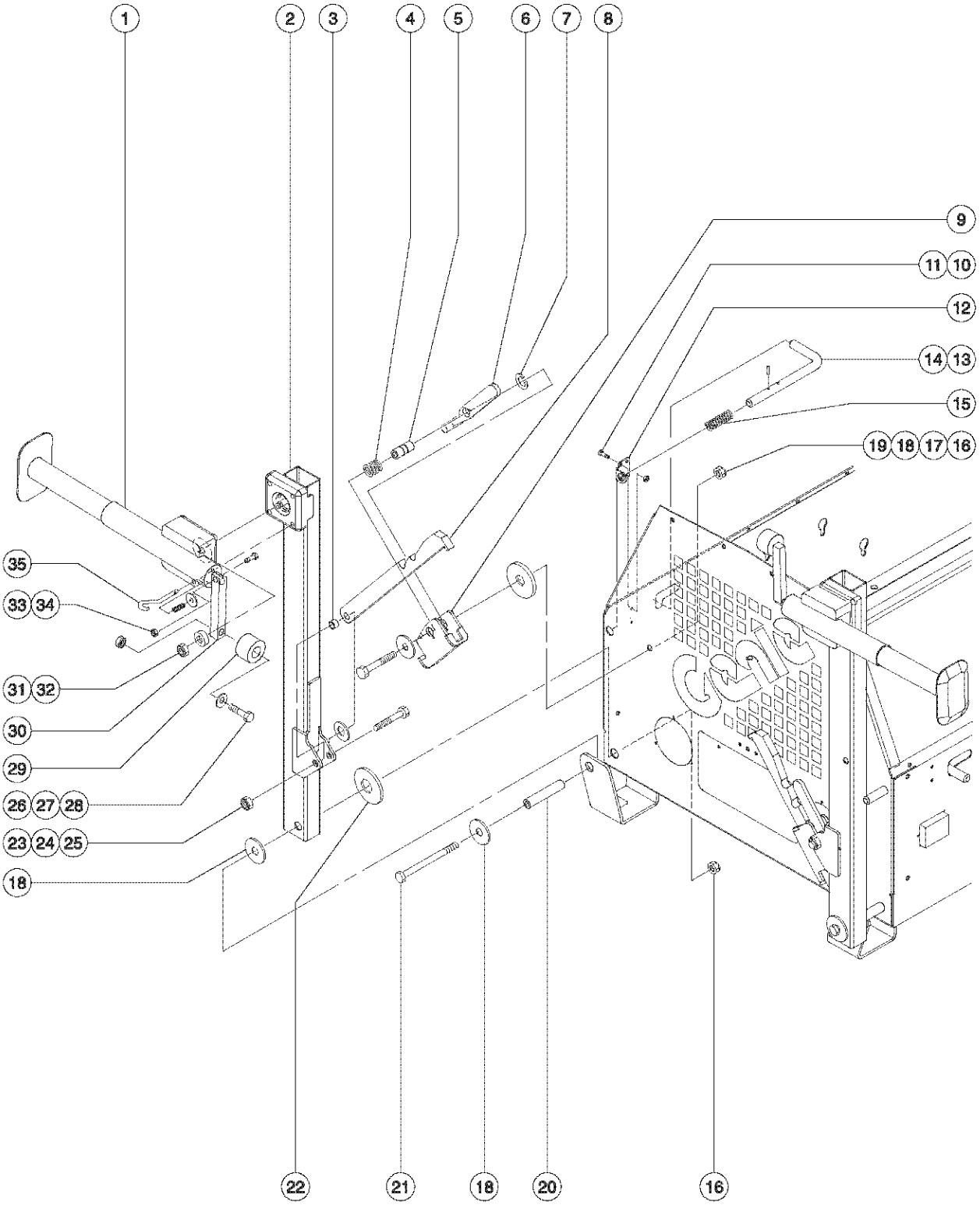
Item	Part No.	Description	Qty.
--	1268GT	PAINT,AEROSOL,GENIE GRAY***	
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE***	
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)**	
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)**	
--	80280GT	DECAL KIT,SAFETY/INST.TML4000N *does not include index numbers 3 and 23*	
1	72889GT	DECAL,WARNING,TRANSPORT HAZARD	1
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	4
3	72010GT	DECAL,COSMETIC,GENIE TML4000N	2
4	72870GT	DECAL,CAUTION,COMPONENT CONTCT	1
5	72871GT	DECAL,LABEL,POWER OUTLET,120V	1
6	72891GT	DECAL,LABEL,BLUE ARROW	2
7	72890GT	DECAL,NOTICE,MAST RETRACTION	1
8	65409GT	DECAL,NOTICE,MAST ROTATE,TML	1
9	72077GT	DECAL,LABEL,ARROW	2
10	72019GT	DECAL,DANGER,HIGH VOLTAGE	1
11	72018GT	DECAL,NOTICE,RAISE/LWR WINCH	1
12	65408GT	DECAL,NOTICE,OPER INST,TML	1
13	65411GT	DECAL,WARNING,GENERAL SAFETY	1
14	62707GT	DECAL,WARNING,MAX TOWING SPEED	1
15	72008GT	DECAL,CAUTION,TURN OFF LIGHTS	1
16	72865GT	DECAL,CONTROL PANEL,TML	1
17	65423GT	DECAL,NOTICE,ENG SPECS,DEUTZ	1
18	65421GT	DECAL,WARNING,GENERATOR,TML	2
19	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	2
20	72828GT	DECAL,NOTICE,TIRE SPECS,TML	2
21	65414GT	DECAL,DANGER,ELEC HAZARD,TML	1
22	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
23	80321GT	SERIAL/NHTSA LABEL,TML *ANSI and CSA models*	1
24	31072GT	DECAL,LABEL,OPER.MAN.STORAGE	1
25	28171GT	DECAL,DANGER,NO SMOKING ***	1
26	28159GT	DECAL,DIESEL	1
27	65412GT	DECAL,WARNING,TOW INST,TML	1
28	72826GT	DECAL,NOTICE,EXTD/RETCT WINCH	1
29	72874GT	DECAL,LABEL,LOCKED/UNLOCKED	1

201.1 Axle and Tongue Installation



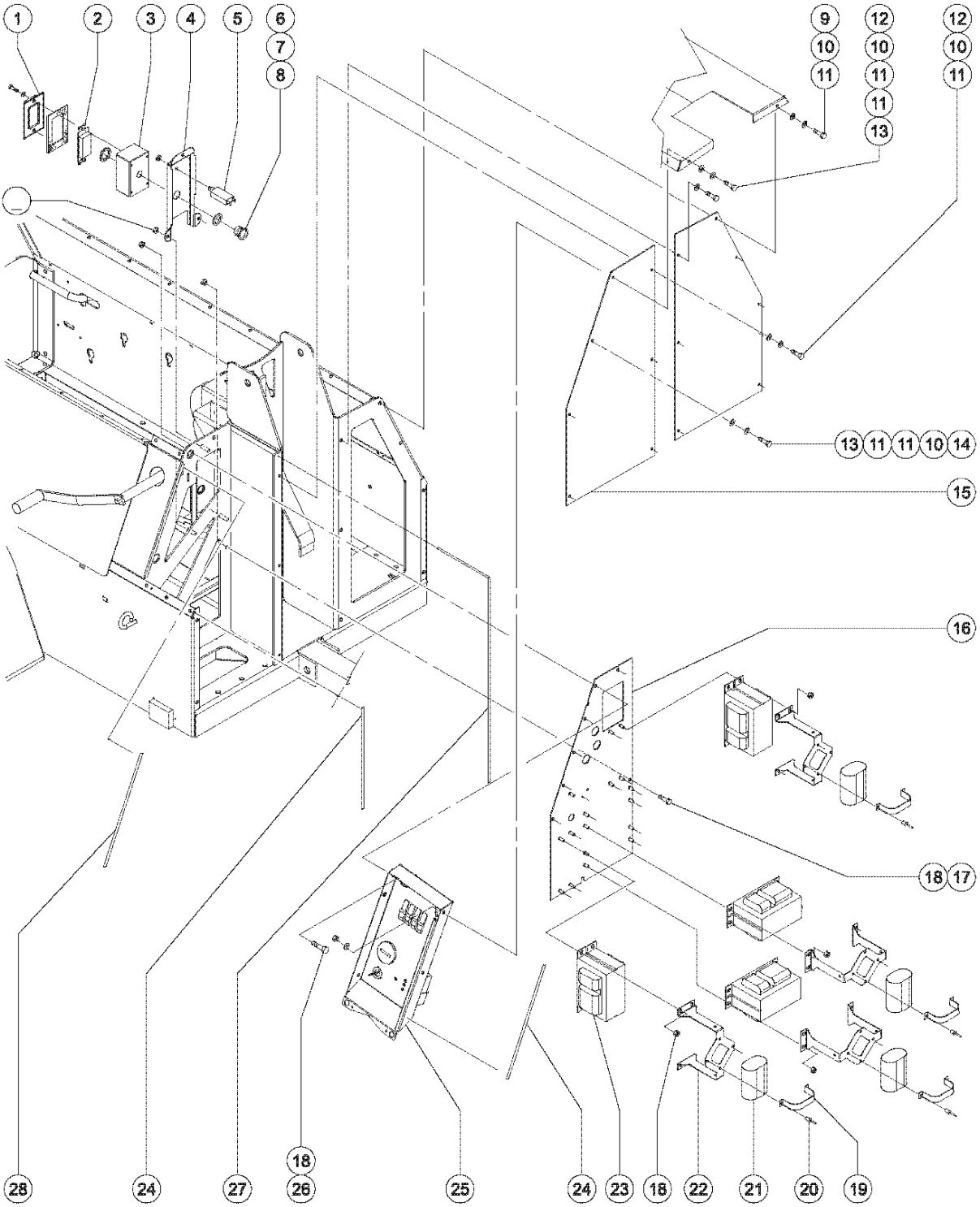
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
2	5397GT	WASHER,FLAT,USS,5/16",Y	12
3	4828GT	NUT,NYLOCK,3/8-16	12
4	57470GT	SPRING, MAST	1
5	60790GT	BOLT, CARRIAGE, 3/8-16 X 1.50, G5	10
6	8887GT	WASHER,STAR,EXTERNAL,.5	10
7	46716GT	BUMPER, SNAP-IN	8
8	57399GT	LAMP, SIDE MARKER, RED	2
--	65231GT	BULB,SIDE LIGHT ASSY,14V(52135	2
--	80105GT	LENS, MARKER LIGHT ASSY, RED	2
9	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	8
10	6607GT	WASHER,LOCK,#10 PLTD	8
11	15513GT	NUT,HEX,10-32	8
12	57394GT	BOLT,HHC,9/16-18 X 3,GR5,STEEL	6
13	57395GT	NUT,HEX,9/16-18,ZINC	6
14	57710GT	FENDER, PLASTIC, TML	2
15	57549GT	U-BOLT,3/8-24 X1.75 X 4 X 1.44	4
16	57393GT	PLATE, SPRING,TML/GEN HNGR KIT	2
17	44650GT	WHEEL/TIRE ASSY	2
--	52252GT	WHEEL, 13 INCHES,	2
--	52351GT	TIRE,185/80,13",LOADRANGE"C"	2
18	46717GT	NUT,1/2-20,ACORN,TMZ34	10
19	57552GT	FORMING, AXLE MOUNT	2
20	57551GT	PLATE, U-BOLT MOUNT	2
21	57550GT	NUT, HEX, FLANGE, 3/8-24	8
22	69211GT	SPRING, 4LF, DBL EYE, 1400 LBS	2
--	69999GT	KIT,SUSPENSION, 1400#	2
23	57325GT	AXLE, DOM, NO BRAKES, TMLN	1
24	80104GT	TONGUE ASSY W/DECALS TML	1
25	12461GT	SCREW,HHC,1/2-13 X 5,GRD.8	2
26	162160GT	CHAIN, SAFETY, SNAP HOOK *includes hooks*	2
27	13066GT	WASHER,FLAT,.5 HARDENED	2
28	57332GT	COUPLER,BALL,2" CLASS II	1
29	6198GT	NUT,NYLOCK,1/2-13	2
30	57331GT	SCREW JACK,W/ BOLT THROUGH PL *includes mounting hardware*	1
31	72104GT	LOCK NUT 2-13	1
32	72105GT	BUSHING,TONGUE JACK	1
33	52135GT	SIDE LIGHT ASSY W/BULB***	2
--	65206GT	LENS,SIDE LIGHT,AMBER	2
--	65231GT	BULB,SIDE LIGHT ASSY,14V(52135	2
34	10006GT	SCREW,HHC,3/4-10 X 5	3
35	10256GT	WASHER,FLAT,USS,3/4",Y	6
36	10258GT	NUT,NYLOCK,3/4-10,GRD.2	3

202.1 Outrigger Assembly



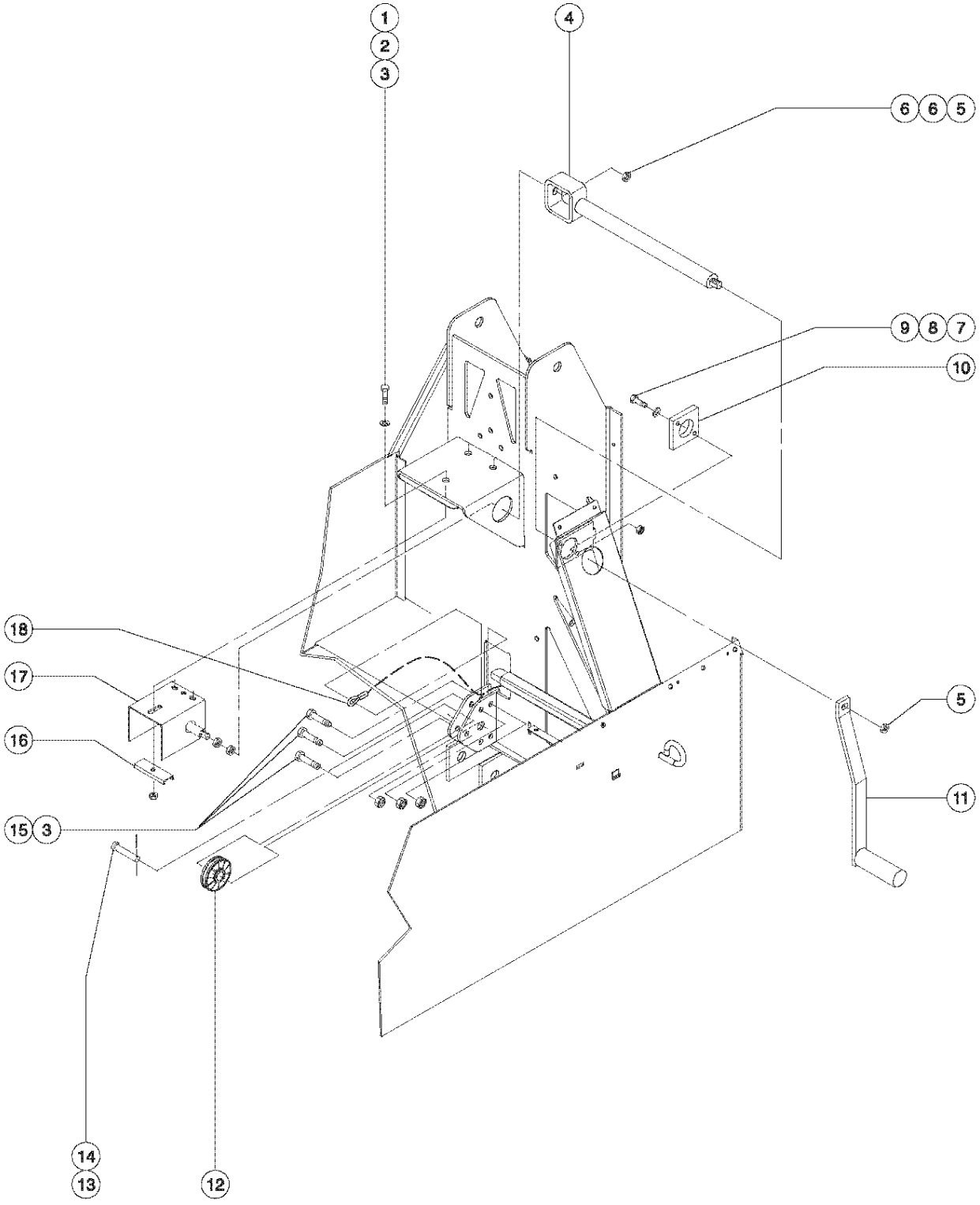
Item	Part No.	Description	Qty.
1	57331GT	SCREW JACK,W/ BOLT THROUGH PL *includes mounting fasteners*	2
2	69818GT	WELDMENT, OUTRIGGER, LEFT	1
--	69809-SGT	WELDMENT, OUTRIGGER, RIGHT TML	1
3	69815GT	SPACER, SLEEVE,.63 X .75 X .50	2
4	69814GT	SPRING, TORSION,.875 ID X .50	2
5	69813GT	BUSHING, .875 X.507 X 2.04	2
6	69800GT	WELDMENT, OUTRIGGER HANDLE	2
7	32499GT	E CLIP,.875 IN.SL LEG	2
8	80003GT	STRUT BAR, OUTRIGGER	2
9	80000GT	WELDMENT, STRUT GUIDE***	2
10	8914GT	SCREW,HHC,1/4-20 X .625	4
11	6889GT	NUT,LP NYLOCK,1/4-20	4
12	69990GT	BRACKET, OUTRIGGER PIN TML	2
13	69667GT	PIN, MAST HOLDOWN	2
14	69650GT	PIN,ROLL, .188 X 2.00	2
15		SPRING, OUTRIGGER LOCK PIN *component no longer available*	2
16	6198GT	NUT,NYLOCK,1/2-13	4
17	39240GT	WASHER,THRUST,.5 X 2.438 X .25	2
18	6095GT	WASHER,FLAT,USS,1/2",Y	6
19	8357GT	SCREW,HHC,1/2-13 X 3.5	2
20	69820GT	BUSHING, BRONZE, .875X.50X4.44	2
21	13005GT	SCREW,HHC,1/2-13 X 6,GRD.8	2
22	69819GT	WASHER,FLAT,USS,7/8",Y	2
23	38028GT	NUT,LP NYLOCK,5/8-11	2
24	42191GT	WASHER,FLAT,.640X1.160X.09	2
25	51131GT	SCREW,HHC,5/8-11 X 2.5	2
26	5224GT	SCREW,HHC,3/8-16 X 2	2
27	6097GT	WASHER,FLAT,USS,3/8",Y	2
28	46017GT	NUT,HEX,JAM,LP 3/8-16,	2
29	80130GT	KNOB, HANDLE,SCREW JACK(57331)	2
30	80232GT	KIT,HANDLE,SCREW JACK (57331) *includes 1 each index numbers 26 through 28 and index numbers 33 and 34*	2
31	6034GT	NUT,HEX,JAM,1/2-13	2
32	72105GT	BUSHING,TONGUE JACK	2
33	69879GT	NUT, HEX JAM, 1/4-20	2
34	8915GT	SCREW,HHC,1/4-20 X 1.25	2
35	80127GT	KIT,PULL PIN	1
--	13066GT	WASHER,FLAT,.5 HARDENED	1
--	2161GT	PIN,COTTER,.063 X 1	1
--	80128GT	PIN -PULL	1
--	80129GT	SPRING - PULL PIN	1

203.1 Control Box and Electrical Component Installation



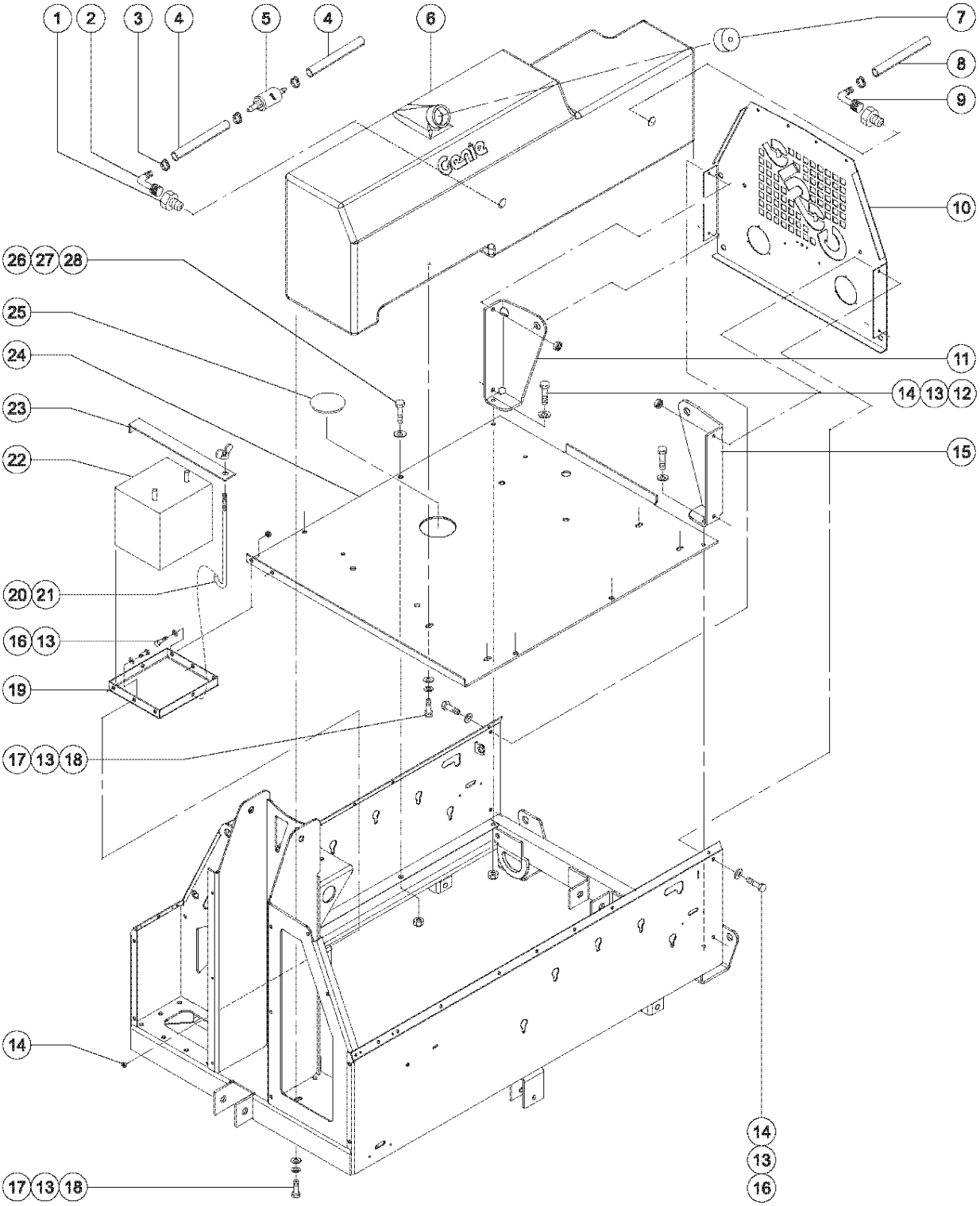
Item	Part No.	Description	Qty.
1	45437GT	COVER,GFCI,WEATHERPROOF *includes gasket and mounting fasteners*	1
2	13585GT	OUTLET, 110V	1
3	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
4	69722GT	FORMING, BAFFLE, BALLAST REAR	1
5	147094GT	ASSY, CIRCUIT BREAKER 15A *includes mounting fasteners*	1
6	12456GT	NIPPLE,1/2" CONDUIT	1
7	5397GT	WASHER,FLAT,USS,5/16",Y	1
8	6935GT	LOCKNUT,ELEC,1/2"	1
9	8914GT	SCREW,HHC,1/4-20 X .625	5
10	6356GT	WASHER,LOCK,.25	14
11	6638GT	WASHER,FLAT,USS,1/4"Y	16
12	6888GT	SCREW,HHC,1/4-20 X 1	8
13	6091GT	NUT,NYLOCK,1/4-20	18
14	6090GT	SCREW,HHC,1/4-20 X .75	1
15	69723-SGT	Cover - Front	2
16	69770-SGT	Weldment - Ballast Mount	1
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
18	4828GT	NUT,NYLOCK,3/8-16	6
19	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	4
20	6271GT	RIVET,STL,STL.MAN,P,.25 X .25	8
21	160032GT	CAPACITOR 24uF MH 60H *(replaced 69884)*	4
22	69719GT	FORMING, CAPACITOR BRACKET	4
23	69798GT	BALLAST ASSY,METAL HALIDE 60	4
--	69884GT	CAPACITOR,24 MF,480 V***	4
24	69773GT	SEAL,RIBBED FOAM,3/8X1/8 PSA**	
25		Ref. Control Box (refer to Figure 206.1); 28 inches (71 cm)	
26	8255GT	SCREW,HHC,3/8-16 X .75	2
27	69773GT	SEAL,RIBBED FOAM,3/8X1/8 PSA**	
28	69773GT	SEAL,RIBBED FOAM,3/8X1/8 PSA**	

204.1 Winch Installation, Base



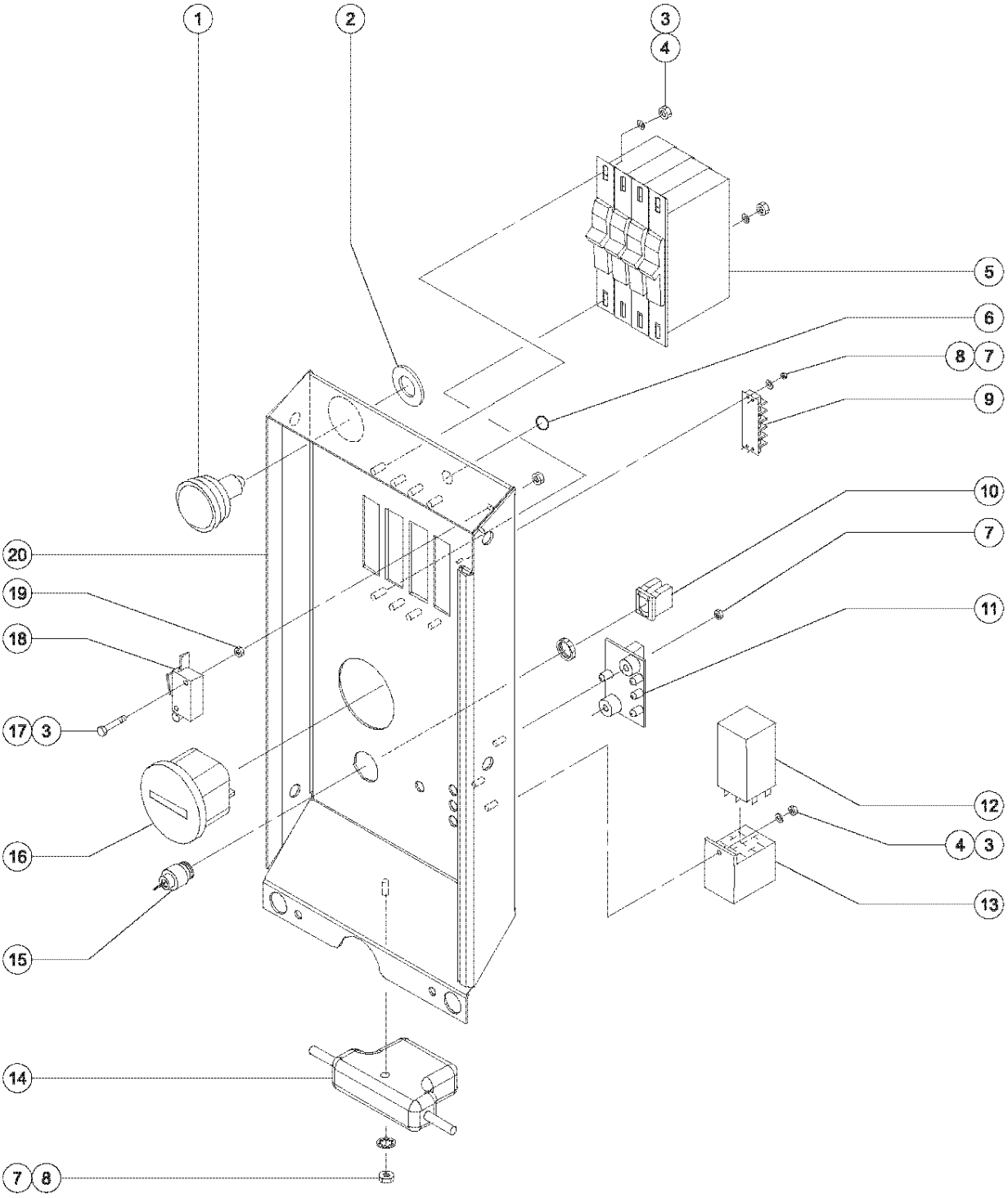
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	3
2	5397GT	WASHER,FLAT,USS,5/16",Y	3
3	4828GT	NUT,NYLOCK,3/8-16	6
4	57408GT	CRANK HANDLE EXTENSION,TML4000N	1
4B	69982GT	BAR, CRANK HANDLE EXT., WIDE *Wide*	
5	6086GT	NUT,LP NYLOCK,1/2-13	2
6	6034GT	NUT,HEX,JAM,1/2-13	2
7	6888GT	SCREW,HHC,1/4-20 X 1	2
8	6638GT	WASHER,FLAT,USS,1/4"Y	2
9	6091GT	NUT,NYLOCK,1/4-20	2
10	69736GT	BUSHING, CRANK HANDLE	1
11	16342GT	WINCH HANDLE-O.A.LENGTH-11"	1
12	57316GT	PULLEY, TML MAST	1
13	69680GT	PIN,CLEVIS,.625 X 1.50 LG	1
14	12016GT	PIN,COTTER,.125 X .75	1
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	3
16	1282486GT	WINCH REINFORCE.PLATE --(BLUE)	1
17		Ref. Winch Assembly (refer to Figure 208.1)	1
18	80107GT	CABLE ASSY,WINCH, 159" 3/16"	1

205.1 Fuel Tank, Battery and Engine Tray Installation



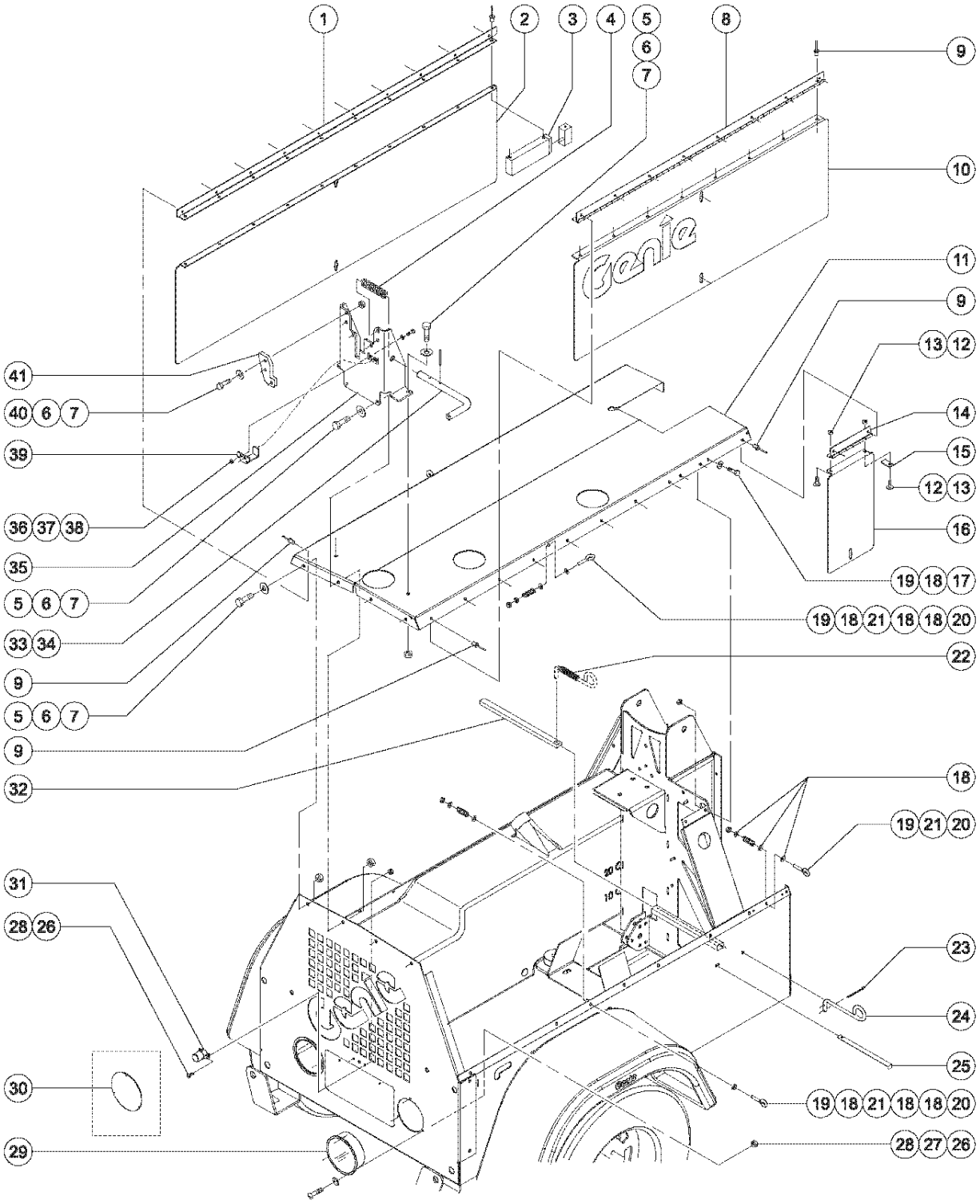
Item	Part No.	Description	Qty.
--	85261GT	COLD START PACKAGE *includes heavy duty battery, battery tray and oil pan heater*	
1	85351GT	CABLE ASSY-OUTLET TO CONT.PANL	2
2	891520GT	PIPE FITTING STR ELBO	1
--	116034GT	HOSE FIT,PIPE/BARB 1/4MX3/16H	1
3	44909GT	CLAMP,HOSE,.35"-.86" X .3125"	4
4	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	2
5	69734GT	VALVE, FUEL SHUTOFF, 1/4"	1
6	80530GT	TANK, FUEL, 30 GALLON TML	1
7	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN)	1
8	35418GT	HOSE,FUEL,3/16,SAE 30R7	1
9	C90200200GT	BARB 1/4 X1/4 NPT 90DEGREE	1
10	57370GT	FORMING, REAR BULKHEAD	1
11	69704-SGT	Weldment - Engine Mount, Control Side	1
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
13	5397GT	WASHER,FLAT,USS,5/16",Y	18
14	4828GT	NUT,NYLOCK,3/8-16	6
15	69703-SGT	Weldment - Engine Mount, Tank Side	1
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	10
17	6175GT	SCREW,HHC,3/8-16 X 1	6
18	6021GT	WASHER,LOCK,.375	6
19	69732GT	FORMING, BATTERY TRAY, STD	1
--	80333GT	FORMING, BATTERY TRAY	1
20	57600GT	SCREW,J-END,1/4-20X9	1
21	8170GT	NUT,WING,1/4-20	1
22	56050GT	BATTERY,450 CCA***	1
--	56050GT	BATTERY,450 CCA***	1
--	67325GT	BATTERY,12V 1000CCA,5/16STUD W	1
23	57414GT	FORMING, BATTERY HOLD DOWN	1
24	57367-SGT	Plate - Engine Mount	1
25	57587GT	PLUG, 4", CAPPLUG	1
26	8177GT	SCREW,HHC,1/2-13 X 1.5	4
27	13066GT	WASHER,FLAT,.5 HARDENED	4
28	6198GT	NUT,NYLOCK,1/2-13	4

206.1 Control Box



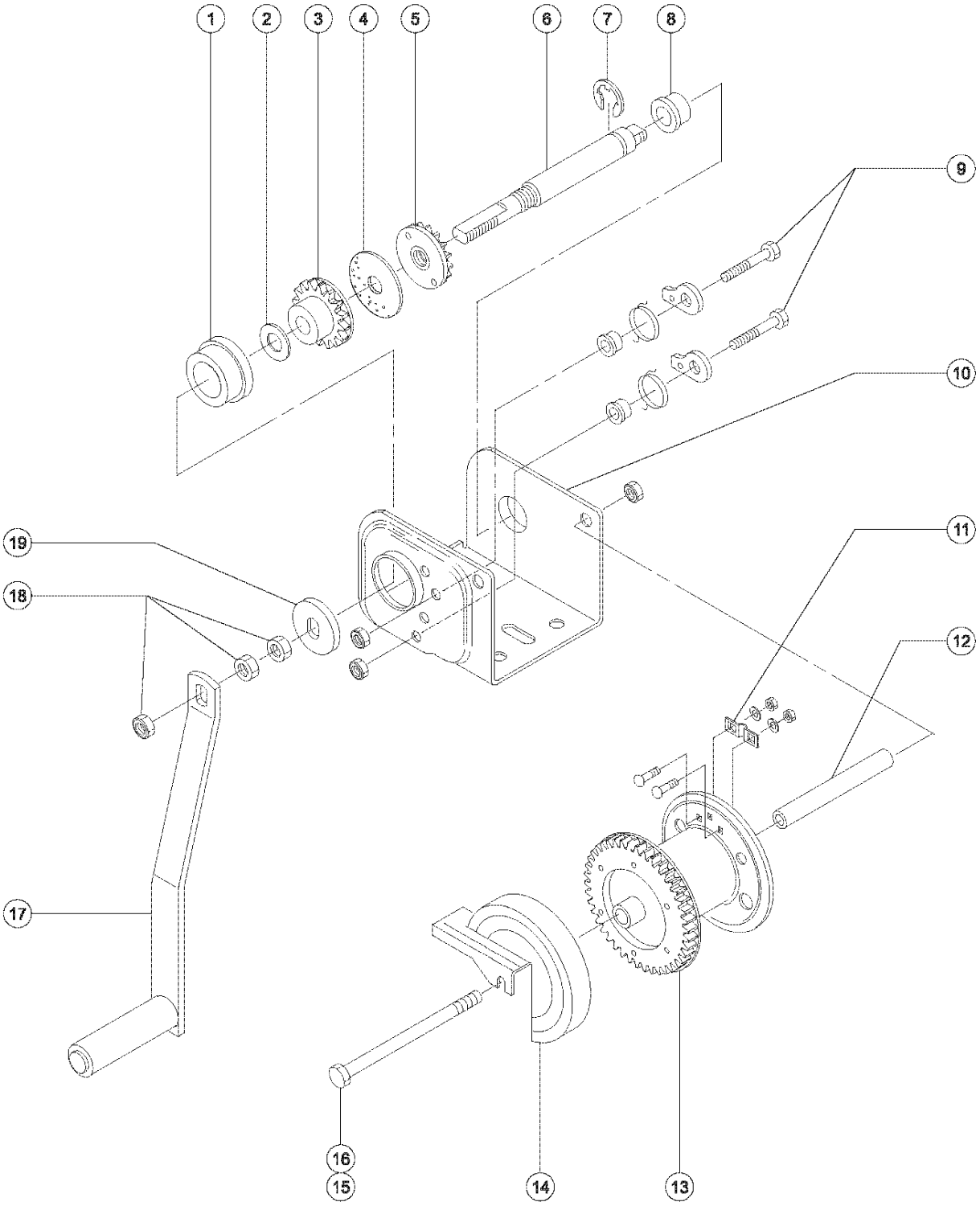
Item	Part No.	Description	Qty.
1	69765GT	LIGHT, PANEL ILLUMINATION *includes wire*	1
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	1
3	6178GT	NUT,NYLOCK,10-32	11
4	6607GT	WASHER,LOCK,#10 PLTD	9
5	80399GT	CIRCUIT BREAKER, 15A,1P-PTHRU*	4
6	38987GT	GROMMET,.125" ID	1
7	18605GT	NUT,NYLOCK,8-32	7
8	44936GT	WASHER,STAR,EXTERNAL,#8	5
9	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
10	69768GT	BASE, W/1 N.O.& 1 N.C. CONTACT *Includes Contacts*	1
--	66816GT	CONTACT,N.O.***	1
--	66818GT	CONTACT, N.C.	1
11	104851GT	KIT,UPDATE,SHTDN CNTRLR*** *includes spacers*	1
12	69831GT	RELAY,GLOW PLUG TIMER,DEUTZ	1
13	80040GT	CONN KIT,DEUTZ1008 GLOW/RELAY *includes terminals*	1
--	69784GT	TERMINAL, FEM, DEUTZ RELAY, SM	3
--	69785GT	TERMINAL, FEM, DEUTZ RELAY,MED	2
--	69786GT	TERMINAL, FEM, DEUTZ RELAY, LG	2
14	57534GT	FUSE HOLDER,ASSY.50A W/COVER *includes 50A fuse*	1
--	57444GT	FUSE,50 AMP,SPADE	1
15	69767GT	KEYSWITCH,2 POS,1 MOM W/ KEYS *includes 1 pair of keys*	1
--	21982GT	KEY,SINGLE***	1
--	37947GT	KEYS,10 PACK***	1
16	19506GT	HOUR METER,10-80 VOLTS***	1
17	65230GT	SCREW,PHS,4-40 X 0.75	2
18	69777GT	MICROSWITCH,PANEL ILLUMINATION	1
19	40766GT	NUT,NYLOCK,4-40	2
20	69882GT	CONTROL BOX W/DECAL TML *includes index number 6 and weather stripping*	1

207.1 Covers

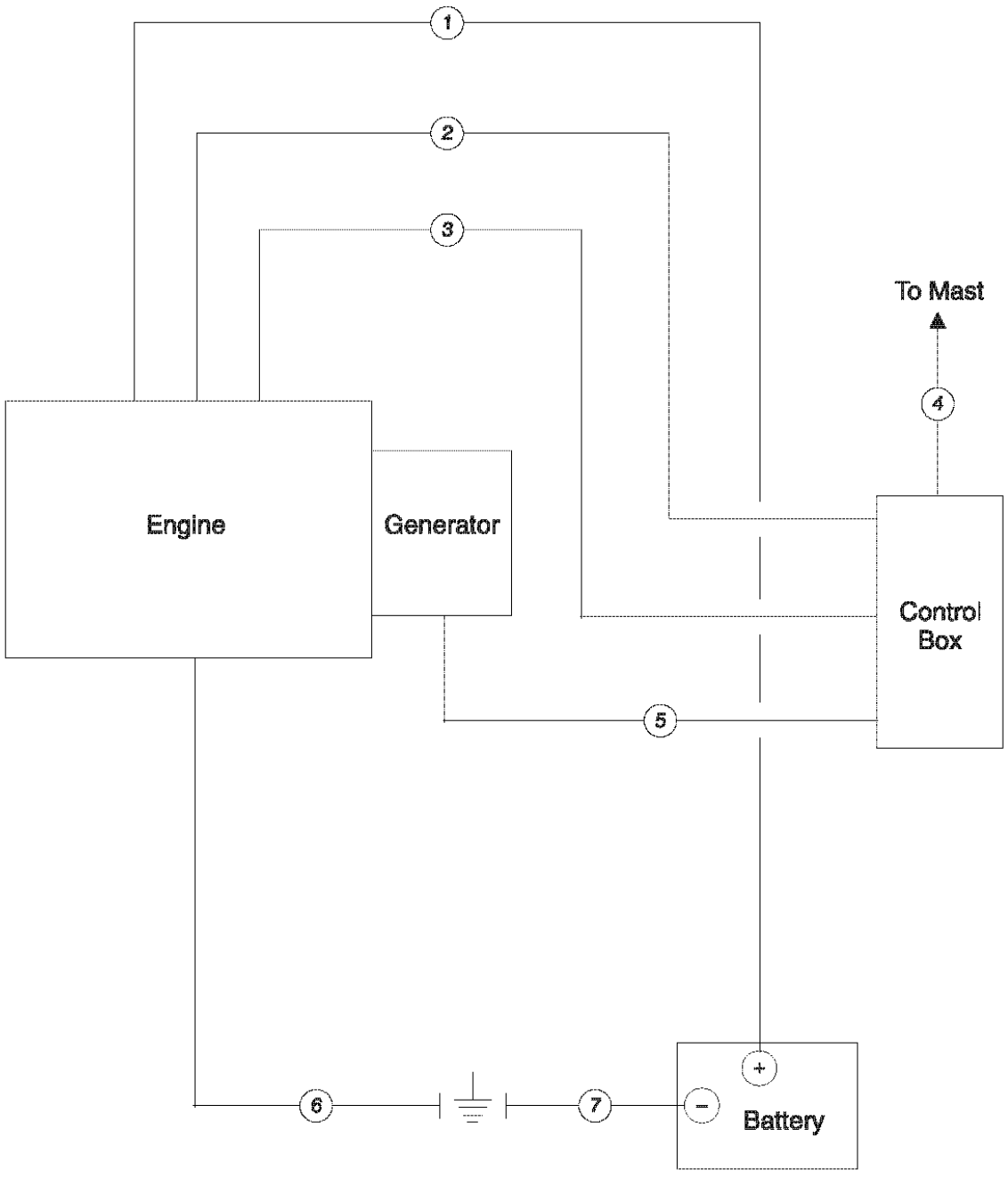

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Item	Part No.	Description	Qty.
1	69738GT	HINGE, OFFSET, COVER, LT	1
2	80108GT	COVER W/DECALS, TANK SIDE TML *includes index numbers 1, 3 and 20 each of index number 9*	1
3	40267GT	BOX,INSTRUCT. STORAGE,S SERIES	1
--	2223GT	LANYARD ASSY HOIST/AWP-7"**	1
--	6271GT	RIVET,STL,STL.MAN,P,.25 X .25	2
--	75144GT	WASHER,FLAT,SAE 1/4,ZINC	2
4		SPRING, OUTRIGGER LOCK PIN *component no longer available*	4
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
6	5397GT	WASHER,FLAT,USS,5/16",Y	12
7	4828GT	NUT,NYLOCK,3/8-16	12
8	57416GT	HINGE, TML COVER	1
9	7265GT	RIVET,STEEL,P, .25 X .375	36
10	80109GT	COVER W/DEC,CONTROL SIDE TML *includes index number 8 and 16 each of index number 9*	1
11	80110GT	COVER ASSY W/DECALS, TOP TML *includes 34 each of index number 9*	1
12	6889GT	NUT,LP NYLOCK,1/4-20	2
13	7339GT	SCREW,HHC,1/4-20 X .5	2
14	69735GT	HINGE, OFFSET, COVER, CTRLS	1
15	69778GT	FORMING, ACTUATOR, PANEL ILL	1
16	80111GT	COVER ASSY W/DECALS, CONTROLS *includes 1 each of index number 9 and index numbers 12 through 15*	1
17	10107GT	SCREW,HHC,5/16-18 X .75	2
18	6638GT	WASHER,FLAT,USS,1/4"Y	16
19	6002GT	NUT,LP NYLOCK,5/16-18	6
20	69754GT	EYEBOLT, 5/16-18 X 1, YELLOW Z	5
21	69814GT	SPRING, TORSION,.875 ID X .50	5
22	67688GT	SPRING, OUTRIGGER HANDLE	1
23	12016GT	PIN,COTTER,.125 X .75	1
24	69654GT	ROD, LATCH LOWER HANDLE	1
25	57414GT	FORMING, BATTERY HOLD DOWN	1
26	15513GT	NUT,HEX,10-32	8
27	6607GT	WASHER,LOCK,#10 PLTD	6
28	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	8
29	80371GT	KIT,TAIL LIGHT** *includes retaining ring and wire connector*	2
30	57413GT	PLATE, LIGHT COVER	2
31	57398GT	LAMP, LICENSE PLATE	1
32	69673GT	PLATE, LOWER LATCH STRIKER	1
33	69667GT	PIN, MAST HOLDOWN	1
34	69650GT	PIN,ROLL, .188 X 2.00	1
35	80274GT	BRACKET ASSY, MAST CRADLE TML *includes 6 each of index numbers 6 and 7, index number 40 and 41*	1
36	5365GT	NUT,NYLOCK,10-24	2
37	6146GT	WASHER,FLAT,MS,#10,Y	2
38	29752GT	SCREW,HHC,10-24 X .75	2
39	69985-SGT	Bracket - Mast Tie Down	1
40	8516GT	SCREW, HCC, 3/8-16 X 1.50	6
41	69693GT	WEAR PAD, MAST CRADLE	2

208.1 Winch Assembly

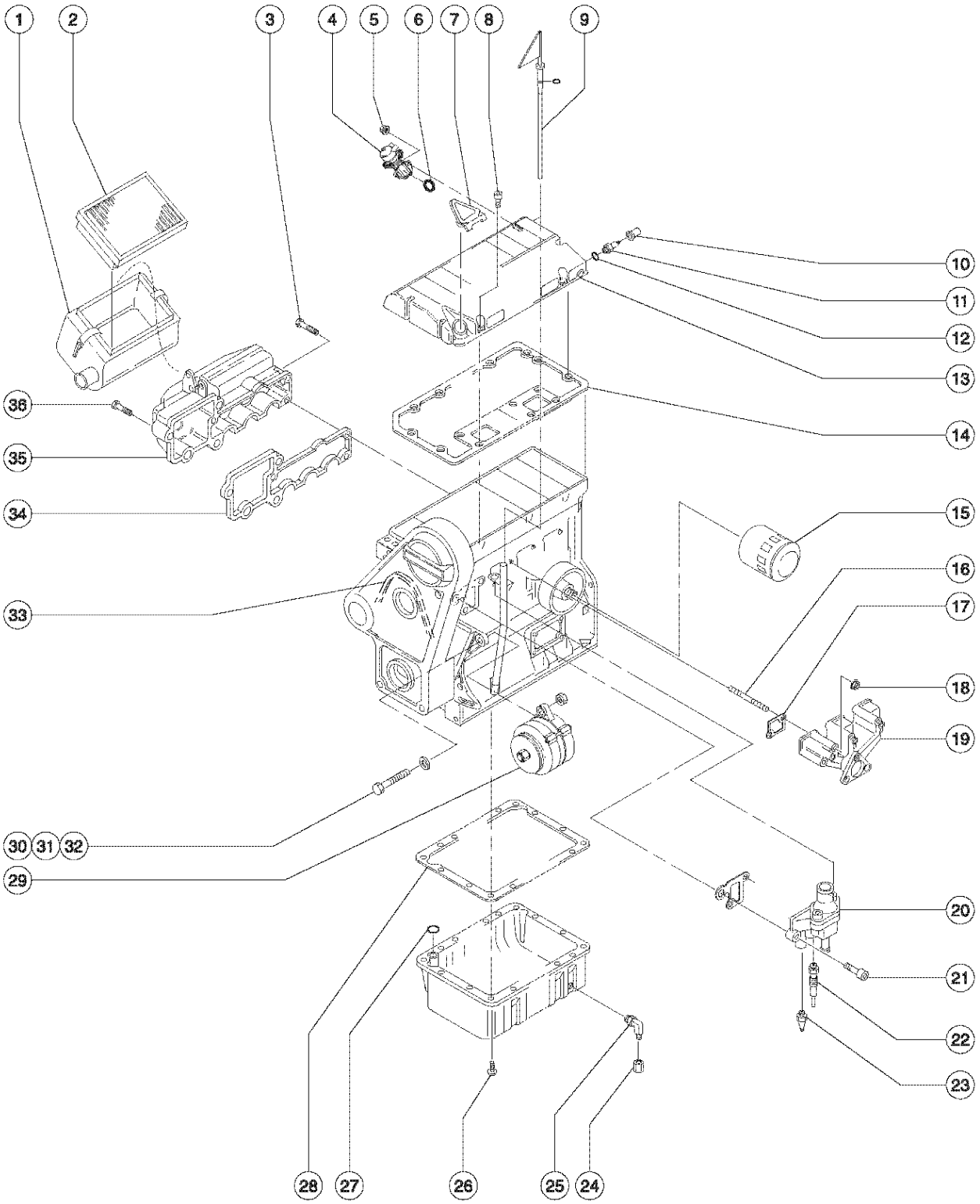


Item	Part No.	Description	Qty.
--	14085GT	WINCH,KX-1051 (LESS HANDLE)*** *does not include handle or cover*	
1	6204GT	BUSHING, LARGE PINION, FULTON	1
2	14190GT	WASHER,THRUST, KX-1050,1051	1
3	14191GT	RATCHET GEAR ASSY, K-1050,1051	1
4	5157GT	FRICTION DISC, KX-1000,050,051	1
5		PINION GEAR ASSY, KX-1050,1051 (14193) *component no longer available*	1
6	14194GT	PINION SHAFT, KX-1050,1051	1
7		RETAINING RING (6200) *(not sold separately)*	1
8	1256081GT	SERVICE KIT,PINION SHAFT-K1550	2
9	5156GT	RATCHET KIT,K-1000 SERIES,935	2
10		Ref. Winch Housing	2
11	6190GT	CABLE KEEP.KIT (BRACKET TYPE)*	1
12		SPACER, DRUM BOLT, K-1000,1050 (5320) *component no longer available*	1
13		Ref. Winch Drum	1
14		COVER, DRUM, KX-1000,050,051 (5376) *component no longer available*	1
15	12981GT	SCREW,HHC,3/8-16 X 4.5	1
16	12012GT	NUT,LOCK,3/8-16	1
17	16342GT	WINCH HANDLE-O.A.LENGTH-11"	1
18	6034GT	NUT,HEX,JAM,1/2-13	3
19	14189GT	PINION PLATE (KX/KH-1051,1050)	1


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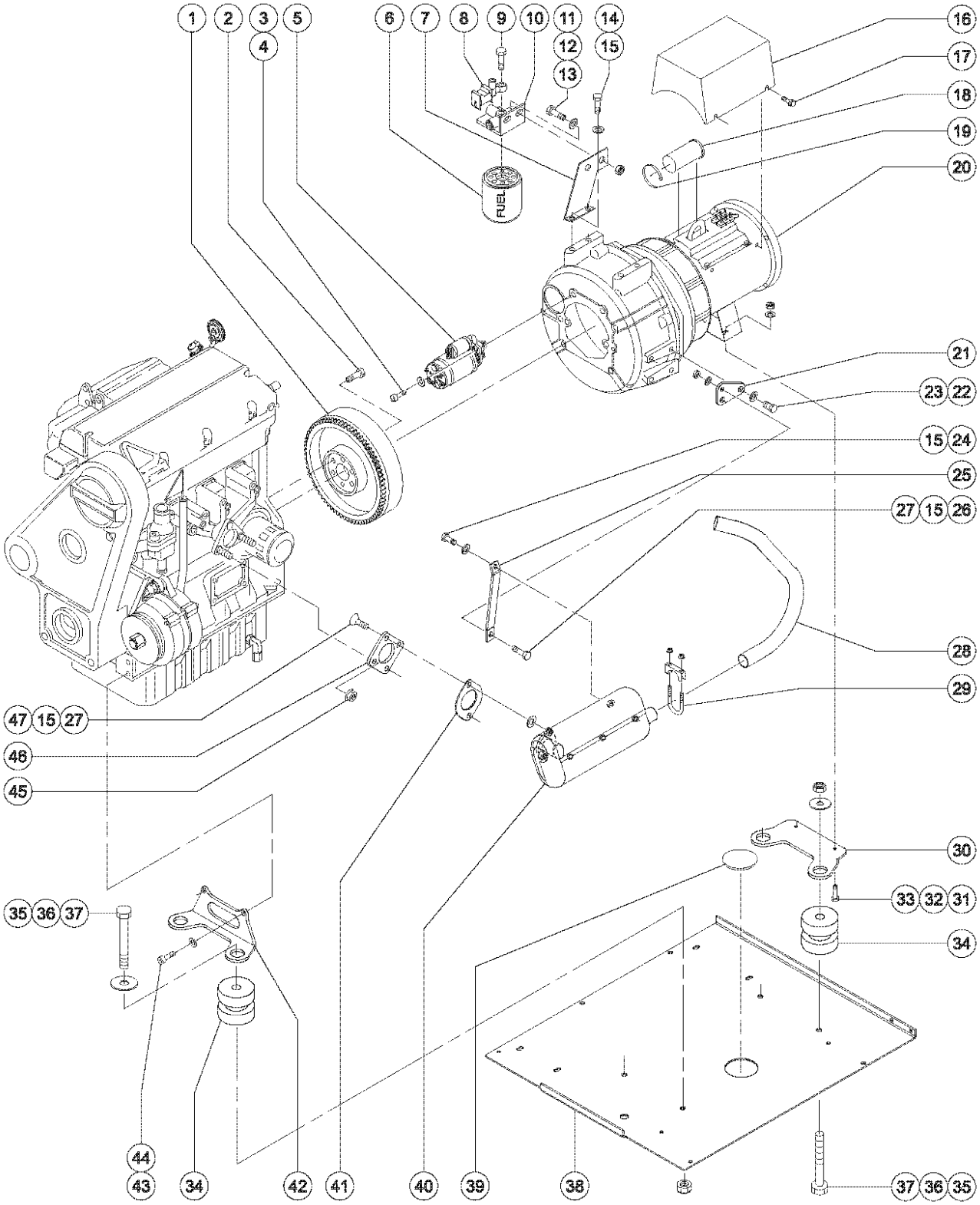
Item	Part No.	Description	Qty.
1	85257GT	CABLE ASSEMBLY - POSITIVE TML	1
2	57583GT	WIRE CABLE,10/4 SOOW	
--	57441GT	CONNECTOR, SQZ, 3/4 PT *not included*	
--	80040GT	CONN KIT,DEUTZ1008 GLOW/RELAY *not included*	
3	80209GT	WIRE, 16/10, TFFN	
--	57441GT	CONNECTOR, SQZ, 3/4 PT *not included*	
--	80040GT	CONN KIT,DEUTZ1008 GLOW/RELAY *not included*	
4	57582GT	WIRE CABLE,16/7 SOOW	
--	7057GT	CONN. SQZ,1/2NPT .39-.56 MED. *not included*	
5	57531GT	WIRE CABLE,10/2 SOOW	
--	57441GT	CONNECTOR, SQZ, 3/4 PT *not included*	
6	85259GT	CABLE ASSEMBLY - NEGATIVE TML	1
7	85258GT	CABLE ASSEMBLY - NEGATIVE TML	1

301.1 Deutz Diesel Engine, View 1



Item	Part No.	Description	Qty.
1	80054GT	HOUSING,AIR FILTER,DEUTZ,TML *for air restrictor sensor refer to 58407*	1
2	80124GT	AIR FILTER,DEUTZ,FM1008	1
3	85047GT	SCREW,SHC,M8X1.25X65MM,GR12.9	6
4	80285GT	PUMP, FUEL	1
5	85057GT	NUT-HEX,M8,DEUTZ FUEL P	2
6	85007GT	O-RING, FUEL PUMP (DEUTZ)	1
7	85000GT	CAP-OIL FILLER (DEUTZ,F3M1008) *PUSH IN TYPE*	1
--	58496GT	CAP, OIL FILLER *SCREW IN TYPE*	1
--	58497GT	O-RING, OIL FILLER CAP *O-RING FOR 58496 OIL FILLER CAP*	1
8	85049GT	SCREW,SHC,M6X1X20MM,GR 12.9	12
9	85001GT	DIPSTICK,ENGINE OIL(F3M1008)	1
10	85002GT	COVER,OIL PRES SENSOR(F3M1008)	1
11	80278GT	SWITCH, OIL PRESSURE	1
12	85003GT	SEAL,OIL PRES SENSOR (F3M1008)	1
13	85004GT	COVER,VALVE (DEUTZ F3M1008) *includes oil filler cap*	1
14	85005GT	GASKET,VALVE COVER	1
15	80053GT	FILTER, OIL DEUTZ 1008	1
16	80121GT	STUD,EXH MANIFOLD,M8X1.25X45	6
17	85046GT	GASKET,EXHAUST MANIFOLD	6
18	85058GT	NUT,FLANGE,HEX,M8,DEUTZ EXHAUS	6
19	85050GT	MANIFOLD,EXHAUST,DEUTZ F3M1008	1
20		Ref. Housing - Thermostat	1
--	80282GT	THERMOSTAT (DEUTZ F3M1008)	1
21	85051GT	SCREW,SHC,M8X1.25X30MM,GR 12.9	2
22	85008GT	GLOW PLUG (DEUTZ F3M1008)***	1
23	58400GT	SENDER,TEMP,DUAL SPADE***	
23	80279GT	SENDER,TEMP,SINGLE SPADE	1
24	69775GT	CAP,520112-8	1
25	54428GT	FITTING,HYDRAULIC,90DEG,O-RING	1
26	85052GT	SCREW,FLANGE,HHC,M6X1X12,GR8.8	18
27	85009GT	O-RING, DIP STICK (DEUTZ)	1
28	85010GT	GASKET - OIL PAN (DEUTZ)	1
29	85011GT	ALTERNATOR, DEUTZ F3M1008	1
30	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	2
31	85054GT	WASHER,FLAT,M10	2
32	85055GT	NUT,HEX, M10	2
33	80283GT	BELT, TIMING(DEUTZ F3M1008)	1
34	85012GT	GASKET,INTAKE (DEUTZ F3M1008)	1
35	85056GT	MANIFOLD,INTAKE, DEUTZ F3M1008	1
36	85048GT	SCREW,SHC,M8X1.25X4 MM,GR 12.9	2

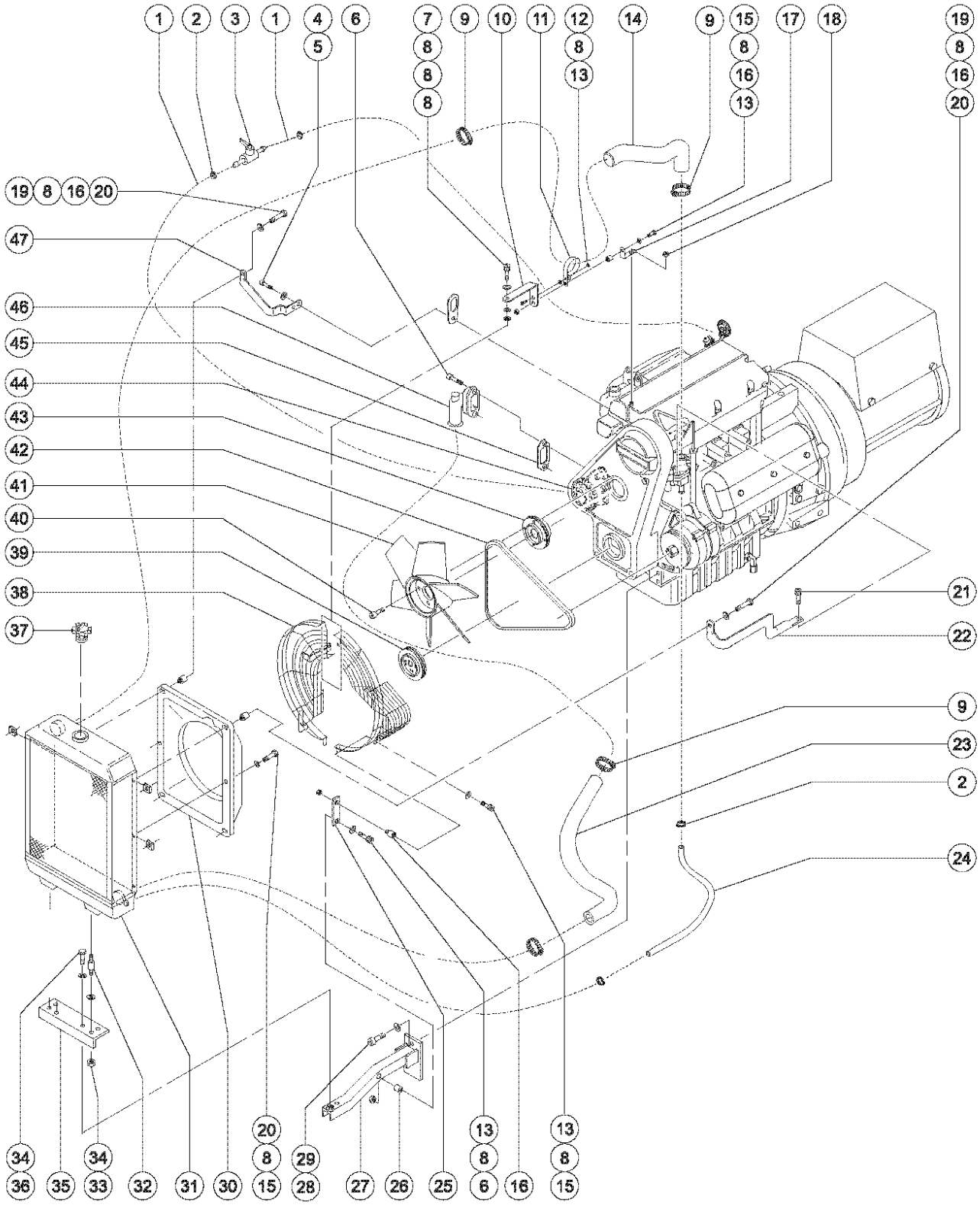
302.1 Deutz Diesel Engine, View 2



302.1 Deutz Diesel Engine, View 2

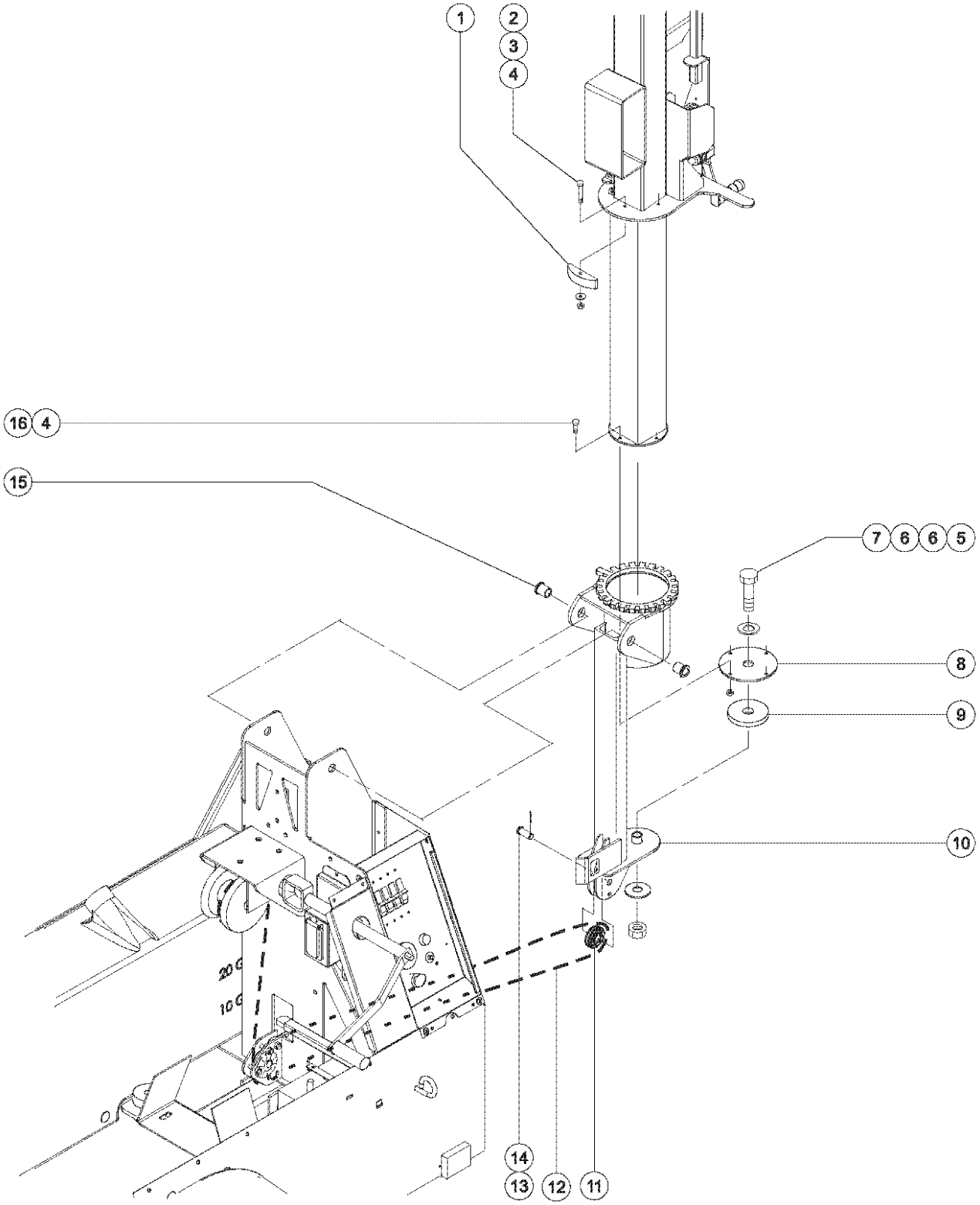
Item	Part No.	Description	Qty.
1	85013GT	FLYWHEEL (DEUTZ F3M1008)	1
2	85059GT	SCREW,HHC,M10 X 1.5 X 35	5
3	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	2
4	22699GT	WASHER,FLAT,M10,ZINC PLTD	2
5	85014GT	STARTER,12V DC(DEUTZ F3M1008)	1
--	85015GT	SOLENOID,STARTER (85014)%	1
6	69826GT	FILTER,FUEL,DUETZ,TML	1
7	80570GT	WELDMENT,PIPE/FILTER SUPPORT	1
8	85016GT	VALVE - SOLENOID, FUEL (DEUTZ)	1
9	85091GT	SCREW,HOLLOW,HHC,M10X1.5X30	1
--	85094GT	O-RING,HOLLOW SCREW,FUEL SOLEN	1
10	69825GT	FILTER ASSY,FUEL FILTER,TML *includes index number 6*	1
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
12	5397GT	WASHER,FLAT,USS,5/16",Y	2
13	4828GT	NUT,NYLOCK,3/8-16	2
14	23057GT	SCREW,HHC,M8 X 20MM	2
15	49408GT	WASHER,LOCK,M8	6
16	85017GT	COVER - CAPACITOR(57324)	1
17	85092GT	SCREW,FLANGE,HHC,M5X0.8X12	6
18	85018GT	CAPACITOR,70 MF,450 V	1
19	28443GT	CABLE TIE,11.5" BLACK	1
20	57324GT	GEN ASSY DEUTZ-LEROY 60HZ	1
21	80093GT	PLATE, EXHAUST SUPT. INTERFACE	1
22	27585GT	SCREW,HHC,M12 X 20MM	2
23	49409GT	WASHER,LOCK,M12	2
24	49378GT	SCREW,HHC,M8 X 16	1
25	80131GT	BRACKET, MUFFLER BAR%% TML	1
26	49379GT	SCREW,HHC,M8 X 1.25 X 25	1
27	22571GT	NUT,HEX,M8 X 1.25	1
28	57745GT	PIPE, VERTICAL EXHAUST	1
29	32064GT	CLAMP,MUFFLER,1.75 INCH	1
30	57418GT	PLATE,ENGINE MOUNT REAR	1
31	8177GT	SCREW,HHC,1/2-13 X 1.5	2
32	6095GT	WASHER,FLAT,USS,1/2",Y	2
33	6198GT	NUT,NYLOCK,1/2-13	2
34	80379GT	ISOLATOR, ENGINE MOUNT	4
35	59746GT	SCREW,HHC,5/8-11 X 4.0***	4
36	6035GT	WASHER,FLAT,USS,5/8",Y	4
37	6024GT	NUT,NYLOCK,5/8-11	4
38	57367GT	FORMING, GEN SET, NARROW	1
39	57587GT	PLUG, 4", CAPPLUG	1
40	69828GT	MUFFLER,DUETZ,TML	1
41	69830GT	GASKET,EXHAUST,DEUTZ,TML	1
42	57419GT	FORMING,ENGINE MOUNT FRONT	1
43	85093GT	SCREW,SHC,M12X1.75X25,GR 12.9	2
44	67722GT	WASHER,FLAT,M12 HARDENED	2
45	85058GT	NUT,FLANGE,HEX,M8,DEUTZ EXHAUS	2
46	80454GT	PLATE, MUFFLER ADAPTER, DEUTZ	1
47	49397GT	SCREW,FHS,M8 X 1.25 X 25	2

303.1Deutz Diesel Engine, View 3



Item	Part No.	Description	Qty.
1	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
2	44909GT	CLAMP,HOSE,.35"-.86" X .3125"	4
3	69734GT	VALVE, FUEL SHUTOFF, 1/4"	1
4	85095GT	SCREW,HHC,M8 X 1.25 X65,GR 8.8	1
5	49408GT	WASHER,LOCK,M8	1
6	85096GT	SCREW,SHC,M6X1X35,GR 12.9	3
7	85049GT	SCREW,SHC,M6X1X20MM,GR 12.9	1
8	75382GT	WASHER,FLAT,M6,DEUTZ F4L913	10
9	35434GT	CLAMP,HOSE,2.00***	4
10	85019GT	BRACKET-RADIATOR GUARD-F3M1008	1
11	85102GT	CLAMP,UPPER RADIATOR HOSE	1
12	49375GT	SCREW,HHC,M6 X 16	1
13	55017GT	NUT,HEX, M6	3
14	85020GT	HOSE - RETURN, RADIATOR	1
15	85097GT	SCREW,SHC,M6X1X10,GR 12.9	4
16	85024GT	ISOLATOR,RADIATOR VIBRATION	3
17	85028GT	BRACKET-FAN GUARD (F3M1008)	1
18	85098GT	NUT,FLANGE, HEX, M6	1
19	56123GT	SCREW,HHC,M6 X 10MM	2
20	85061GT	NUT- SPRING CLIP, M6	6
21	85099GT	SCREW,SHC,M8X1.25X20,GR 12.9	1
22	85021GT	BRACKET - RADIATOR BAFFLE	1
23	85022GT	HOSE - INLET, RADIATOR (DEUTZ)	1
24	85023GT	HOSE,TEMPERATURE SENSOR,DEUTZ	1
25	85025GT	BRACKET-RADIATOR GUARD - DEUTZ	1
26	85062GT	SPACER-RADIATOR MT BRKTF3M1008	1
27	85026GT	BRACKET-RADIATOR MOUNT (DEUTZ)	2
28	85100GT	SCREW,SHC,M12X1.75X16,GR12.9	2
29	49409GT	WASHER,LOCK,M12	2
30	85027GT	RADIATOR BAFFLE (DEUTZ)	1
31	69829GT	RADIATOR,DEUTZ,TML	1
32	85029GT	ISOLATOR,RADIATOR VIBRATION	2
33	25368GT	NUT,NYLOCK,M8X1.25	2
34	75417GT	WASHER,FLAT,M8 DEUTZ, F4L913	2
35	85030GT	BRACKET,RADIATOR MOUNT (DEUTZ)	1
36	49378GT	SCREW,HHC,M8 X 16	2
37	85031GT	CAP,RADIATOR (DEUTZ F3M1008)	1
38	85032GT	GUARD,RADIATOR F3M1008	1
39	85034GT	PULLEY,CRANKSHAFT (DUETZ 1008)	1
40	85101GT	SCREW,SHC,M6X1X65, GR 12.9	4
41	85045GT	FAN,RADIATOR (DEUTZ F3M1008)	1
42	80284GT	BELT,V (DEUTZ PN 1285-0745)	1
43	85035GT	PULLEY,FAN (DEUTZ F3M1008)	1
44	85036GT	WATER PUMP (DEUTZ F3M1008)	1
--	85037GT	GASKET,WATER PMP(DEUTZ F3M1008	1
--	85063GT	SCREW,HHC,M8 X 1.25 X 35	2
--	85064GT	SCREW,SHC,M8 X 1.25 X 16 MM	2
45	85038GT	GASKET,WATER INLET HOUSING	1
46	85039GT	HOUSING,WATER INLET (DEUTZ)	1
47	85040GT	BRACKET,RADIATOR BAFFLE(DEUTZ)	1

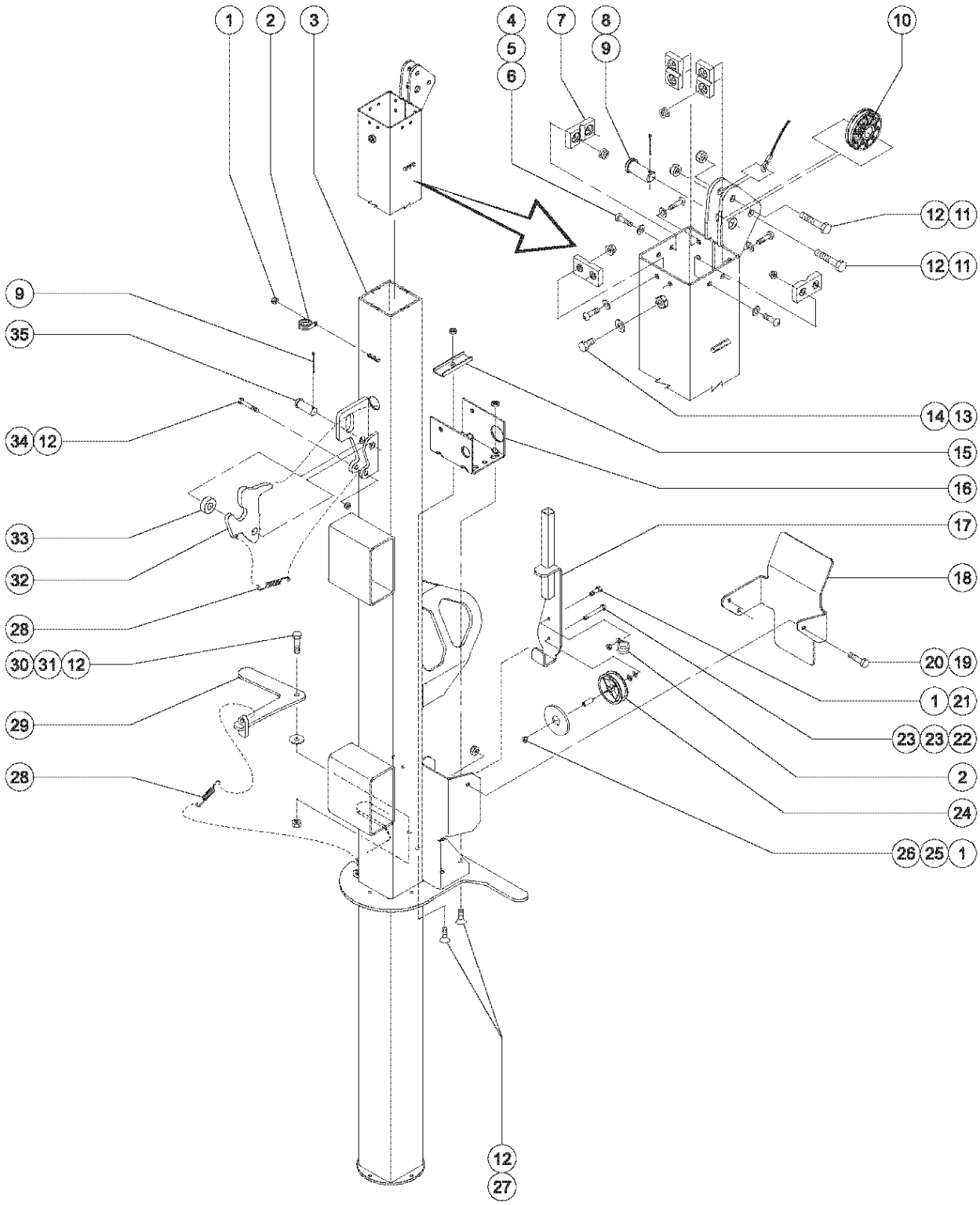
401.1 Mast Assembly - View 1, Number 1 Mast Tube Installation



401.1 Mast Assembly - View 1, Number 1 Mast Tube Installation

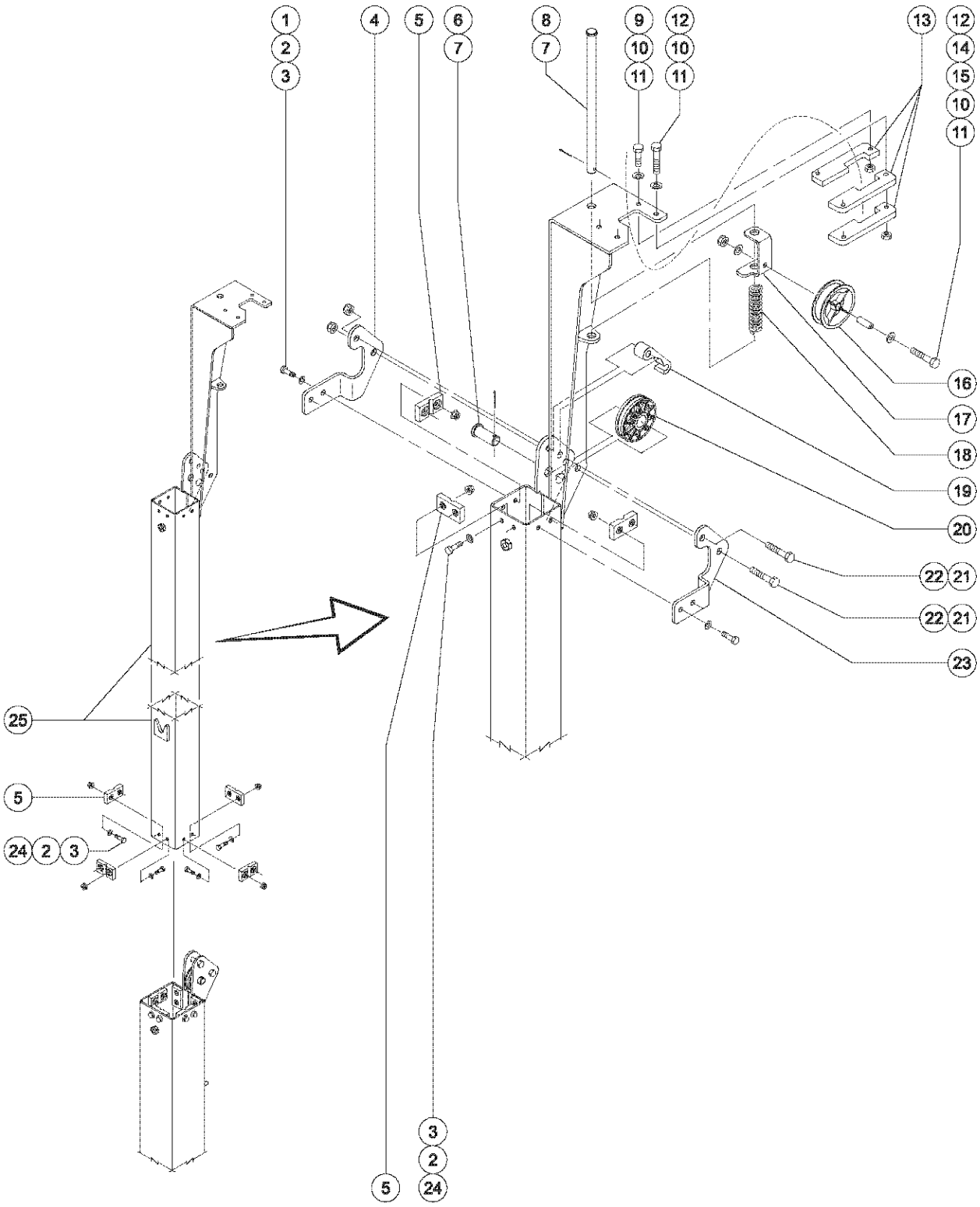
Item	Part No.	Description	Qty.
1	69682GT	GLIDE PAD, MAST ROTATE	4
2	7339GT	SCREW,HHC,1/4-20 X .5	4
3	6638GT	WASHER,FLAT,USS,1/4"Y	4
4	6091GT	NUT,NYLOCK,1/4-20	8
5	51428GT	SCREW,HHC,3/4-10 X 2.75	1
6	6564GT	WASHER, SHIM,.765 X 1.312 X .093	2
7	10258GT	NUT,NYLOCK,3/4-10,GRD.2	1
8	69684GT	PLATE, FIRST MAST END CAP TML	1
9	69687GT	WEAR PAD, THRUST	1
10	69885GT	SLEEVE ASSY, NO. 1 MAST *includes index number 14*	1
11	57316GT	PULLEY, TML MAST	1
12	80107GT	CABLE ASSY,WINCH, 159" 3/16"	1
13	69680GT	PIN,CLEVIS,.625 X 1.50 LG	1
14	6094GT	PIN,COTTER,.125 X 1	1
15	42641GT	BEARING,FLANGED,.75ID X 1.00	2
16	6090GT	SCREW,HHC,1/4-20 X .75	4

402.1 Mast Assembly - View 2, Number 1 Mast Tube Assembly



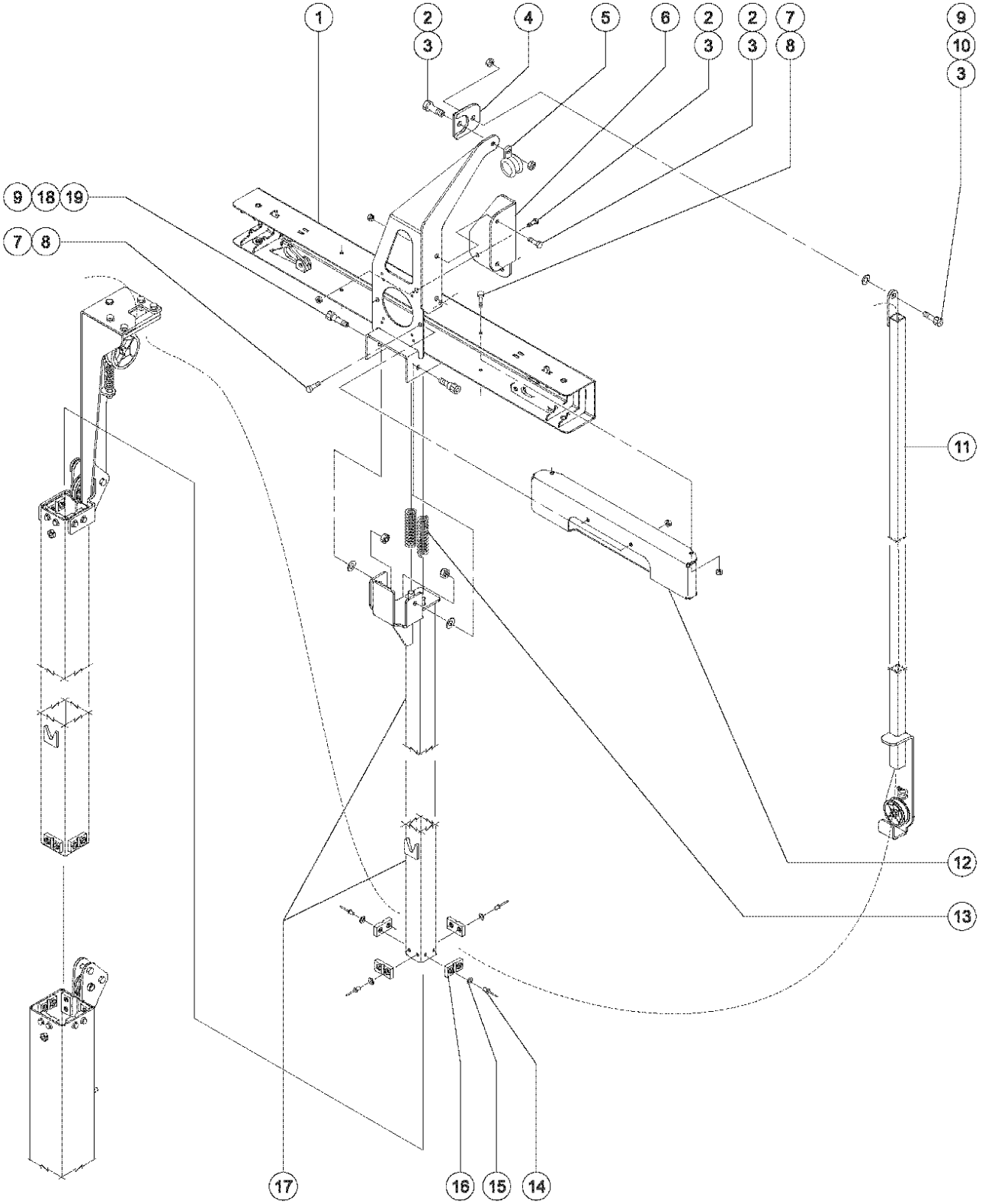
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	8
2	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	7
3	85273GT	MAST ASSY W/DECALS-#1 TB/TML	1
4	7339GT	SCREW,HHC,1/4-20 X .5	10
5	6356GT	WASHER,LOCK,.25	10
6	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	10
7	80641GT	GLIDE PAD, MAST	5
8	69680GT	PIN,CLEVIS,.625 X 1.50 LG	1
9	6094GT	PIN,COTTER,.125 X 1	1
10	57316GT	PULLEY, TML MAST	1
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
12	4828GT	NUT,NYLOCK,3/8-16	7
13	8255GT	SCREW,HHC,3/8-16 X .75	1
14	6021GT	WASHER,LOCK,.375	1
15	1280486GT	PLATE, WINCH REINFORCEMENT, FLAT	1
16		Ref. Winch Housing	1
17	80118GT	TILT LINKAGE ASSY W/DECAL TML	1
18	80094GT	FORMING, ACT. GUIDE, SERVICE	1
19	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	3
20	6178GT	NUT,NYLOCK,10-32	3
21	6888GT	SCREW,HHC,1/4-20 X 1	1
22	6145GT	SCREW,HHC,1/4-20 X 1.5	1
23	25926GT	WASHER,FLAT,M6 PLTD	2
24	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP	1
25	823270GT	PLATE, PULLEY GUARD	1
26	40735GT	SPACER, 1/4ID3/8OD, .875LG	1
27	54074GT	SCREW,FHS,3/8-16 X 1,ZINC	3
28	48075GT	SPRING, OUTRIGGER	2
29	69708GT	WELD.HANDLE,MAST ROTATE TML	1
30	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	1
31	11978GT	WASHER,FLAT,NYLON.515X.88X.093	1
32	69658GT	PLATE,TELESCOPING STOP	1
33	69657GT	WEAR PAD, .625 X 1.38 X .5 LG	1
34	6708GT	SCREW,HHC,3/8-16 X 2.25	1
35	61295GT	PIN,CLEVIS,.625 X 2.00 LG	1

403.1 Mast Assembly - View 3, Number 1 and 2 Mast Tube Assemblies



Item	Part No.	Description	Qty.
1	8914GT	SCREW,HHC,1/4-20 X .625	4
2	6356GT	WASHER,LOCK,.25	20
3	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	20
4	80206GT	BRACKET, STIFFENER LH	1
5	80641GT	GLIDE PAD, MAST	11
6	69680GT	PIN,CLEVIS,.625 X 1.50 LG	1
7	6094GT	PIN,COTTER,.125 X 1	1
8	43391GT	PIN,CLEVIS,.50 X 9.75LG	1
9	6888GT	SCREW,HHC,1/4-20 X 1	2
10	6638GT	WASHER,FLAT,USS,1/4"Y	12
11	6091GT	NUT,NYLOCK,1/4-20	4
12	6145GT	SCREW,HHC,1/4-20 X 1.5	3
13	69699GT	GUIDE PAD, ACTUATOR STOP	3
14	25926GT	WASHER,FLAT,M6 PLTD	1
15	40735GT	SPACER, 1/4ID3/8OD, .875LG	1
16	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP	1
17	823273GT	BRACKET, SHEAVE PULLEY MOUNT	1
18	69638GT	SPRING, COMP. .765 ž 8.00 LG	1
19	80204GT	SPACER, #2 MAST	1
20	57316GT	PULLEY, TML MAST	1
21	6708GT	SCREW,HHC,3/8-16 X 2.25	4
22	4828GT	NUT,NYLOCK,3/8-16	2
23	80205GT	BRACKET, STIFFENER RH	1
24	7339GT	SCREW,HHC,1/4-20 X .5	20
25	80126GT	MAST ASSY, NO. 2--TML ** *includes 7 each of index number 5 and 14 each of index numbers 2, 3 and 24*	1

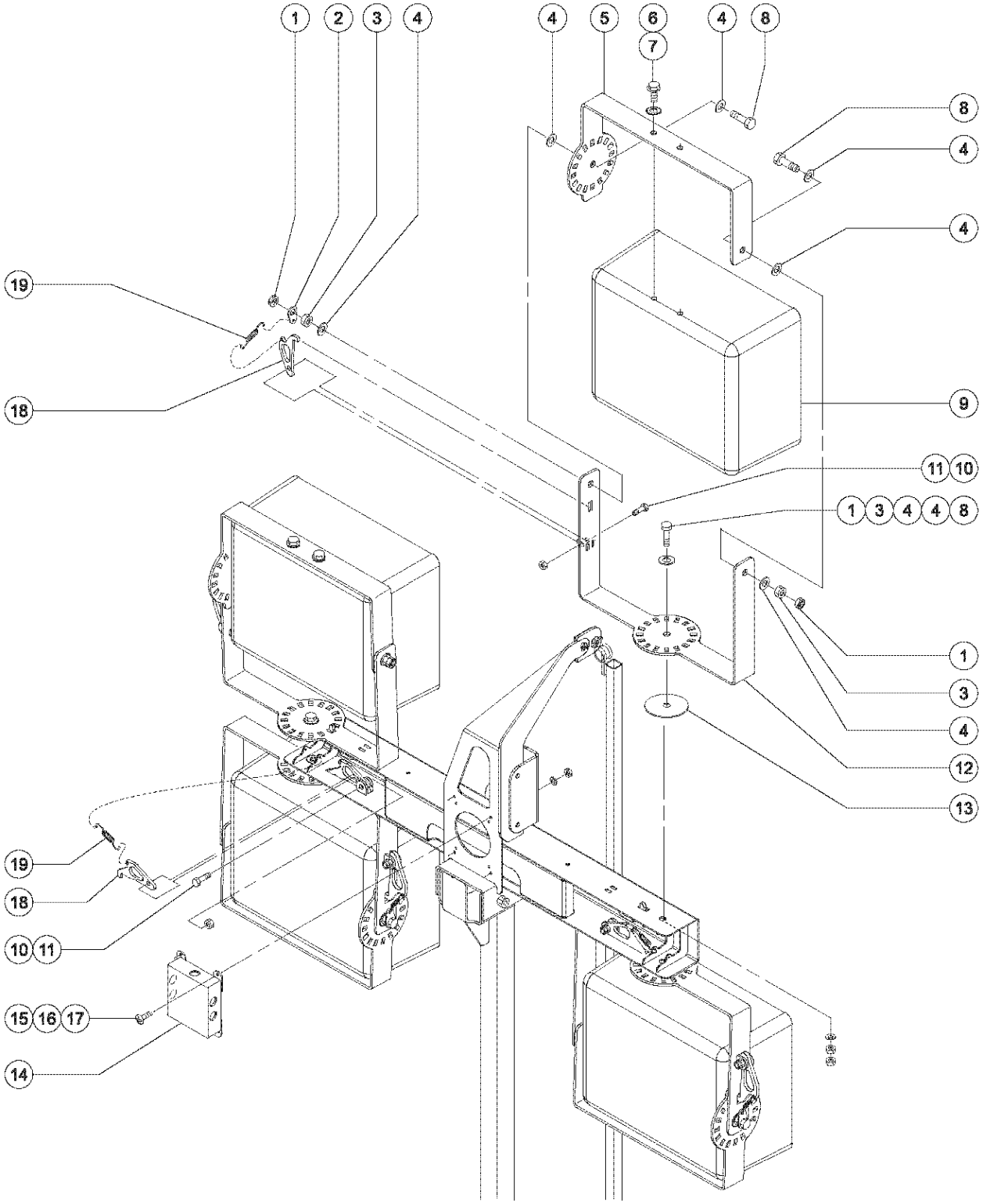
404.1 Mast Assembly - View 4, Number 1, 2 and 3 Mast Tube Assemblies



404.1 Mast Assembly - View 4, Number 1, 2 and 3 Mast Tube Assemblies

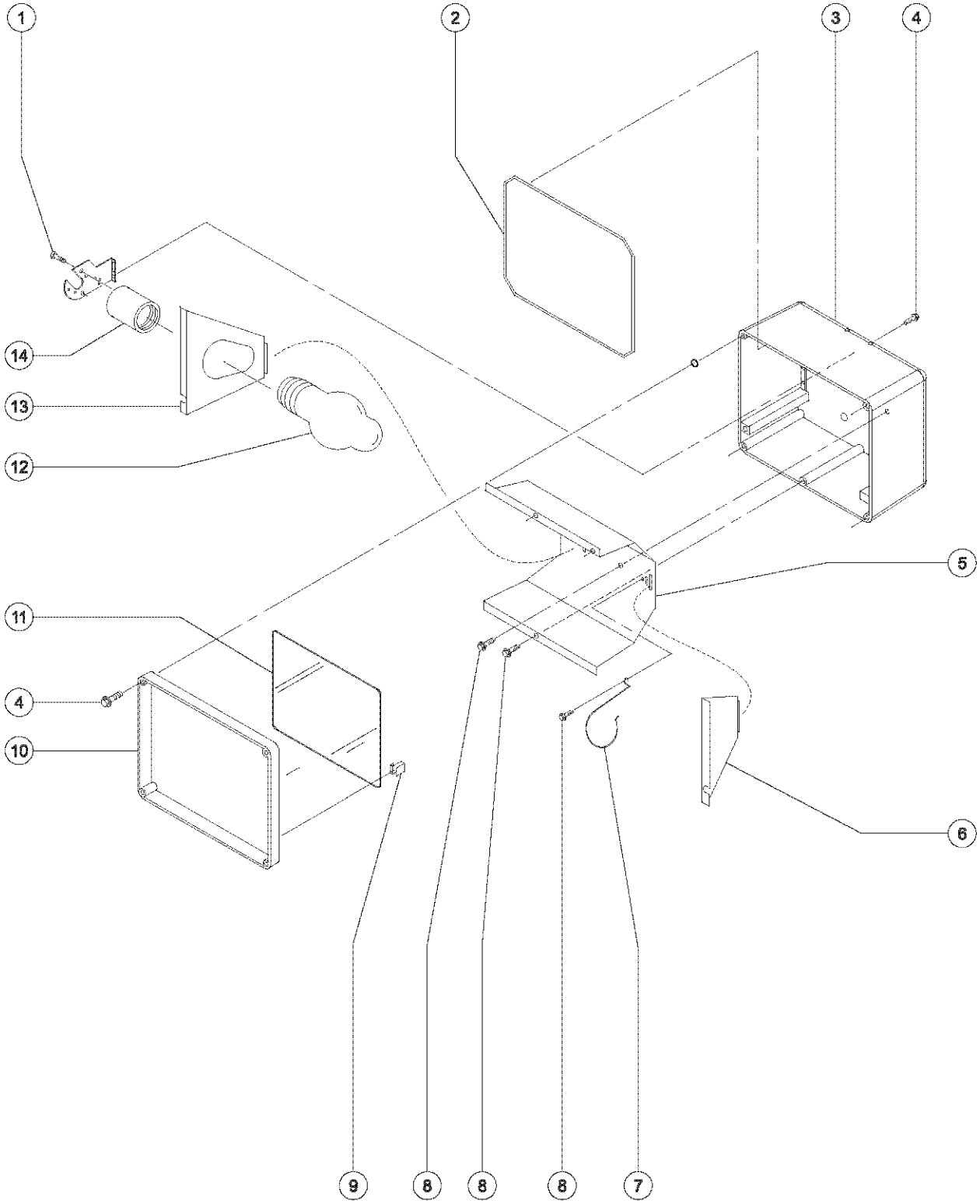
Item	Part No.	Description	Qty.
1	57317-SGT	Weldment -Light Mount	1
2	6175GT	SCREW,HHC,3/8-16 X 1	5
3	4828GT	NUT,NYLOCK,3/8-16	6
4	80138GT	WELDMENT, ARM EXTENSION	1
5	67897GT	CLAMP,0.56,#9 X 3/8,RUB CUSH	1
6	80135GT	FORMING, LIGHT BAR GUSSET	1
7	6090GT	SCREW,HHC,1/4-20 X .75	4
8	6091GT	NUT,NYLOCK,1/4-20	4
9	42375GT	SCREW,SHS,3/8-16 X.375,ZINC	3
10	11978GT	WASHER,FLAT,NYLON.515X.88X.093	1
11	80118GT	TILT LINKAGE ASSY W/DECAL TML	1
12	80134GT	WELDMENT,LIGHT BAR CHANNEL TML	1
13	57352GT	SPRING, 3.5"LG, 0.50 ID	2
14	7265GT	RIVET,STEEL,P, .25 X .375	8
15	33277GT	WASHER,FLAT,M8,YELLOW ZINC	8
16	80641GT	GLIDE PAD, MAST	4
17	80125GT	MAST ASSY , NO. 3 TML *includes index numbers 14 through 16*	1
18	5397GT	WASHER,FLAT,USS,5/16",Y	2
19	7713GT	NUT, LP NYLOCK, 3/8-16	2

405.1 Light Installation



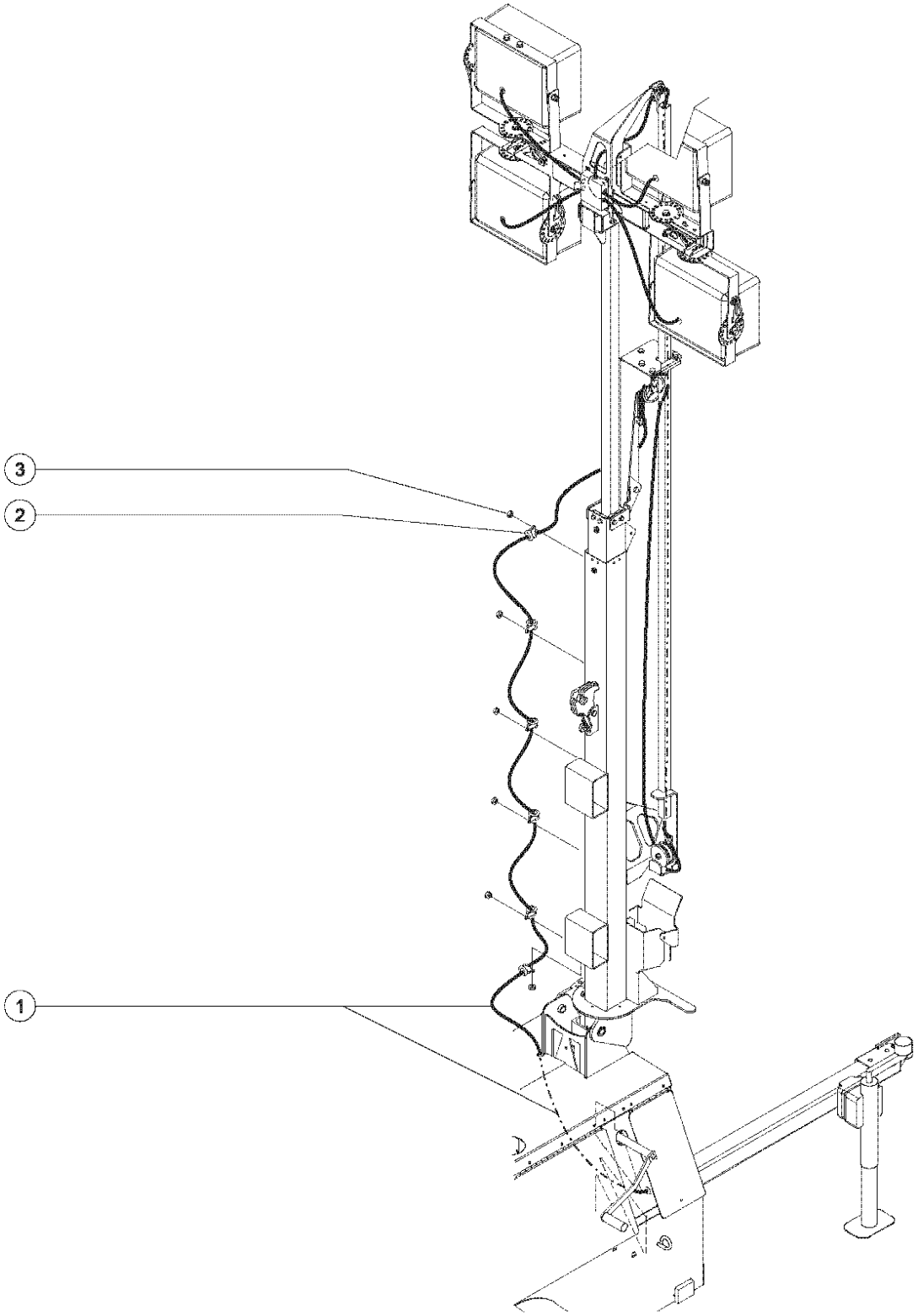
Item	Part No.	Description	Qty.
1	6086GT	NUT,LP NYLOCK,1/2-13	12
2	40658GT	WASHER,FLAT,RETAINING,.510	4
3	6034GT	NUT,HEX,JAM,1/2-13	12
4	11978GT	WASHER,FLAT,NYLON.515X.88X.093	32
5	57673GT	FORMING, LIGHT PITCH ADJUST	4
6	69641GT	SCREW,HHC,3/8-16 X .75, ST	8
7	6700GT	WASHER,STAR,EXTERNAL,.375	4
8	8177GT	SCREW,HHC,1/2-13 X 1.5	12
9		Ref. LIGHT FIXTURE *refer to 406.1*	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
11	7713GT	NUT, LP NYLOCK, 3/8-16	6
12	69761GT	FORMING, LIGHT YAW ADJUST TML	4
13	69766GT	WASHER,UHMW, 9/16 X 3.00	4
14	57535GT	BOX, OUTLET, 2-GANG	1
--	57581GT	J-BOX, COVER, 2 GANG	1
15	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	4
16	6607GT	WASHER,LOCK,#10 PLTD	4
17	15513GT	NUT,HEX,10-32	4
18	69701GT	PLATE, LIGHT ROTATION LOCK%%	6
19	48075GT	SPRING, OUTRIGGER	6

406.1 Light Fixture Assembly



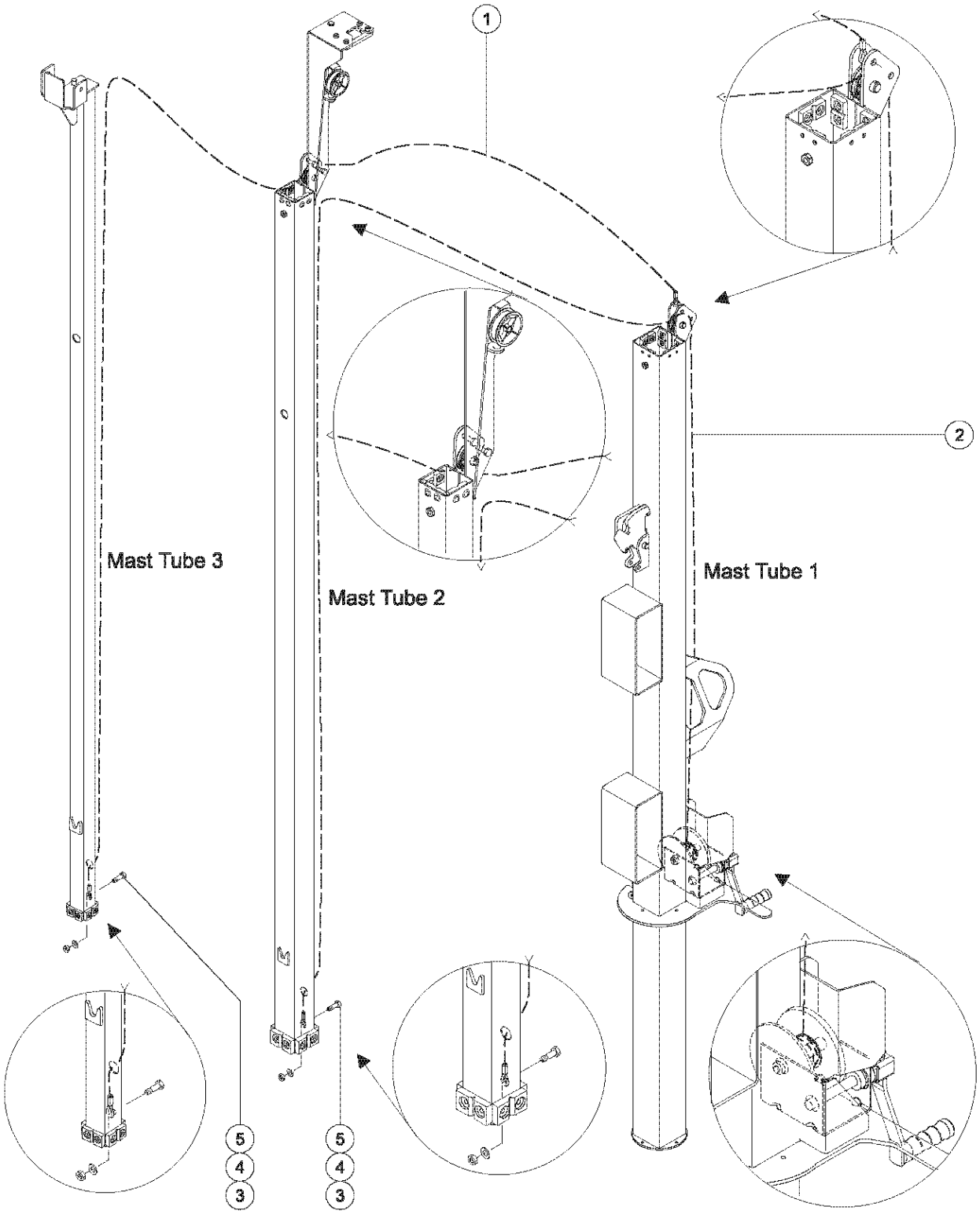
Item	Part No.	Description	Qty.
--	161090GT	FIXTURE ASSEMBLY 1000W RECT *includes bulb*	
1	78196GT	SCREW,PHP, 8-32 X 5/8	2
2	69886GT	GASKET,LIGHT FIXTURE,TMLN %%	1
3		HOUSING,LIGHT FIXTURE(57449) *component no longer available*	1
4	85042GT	SCREW,HEX HD FLANGE, 10-24X.63	5
5		REFLECTOR BASE *component no longer available*	1
6		REFLECTOR,LIGHT,END,W/O HOLE *component no longer available*	1
7	69888GT	RETAINER,LIGHT BULB	1
8	69868GT	SCREW,HEX HD FLANGE, 10-24X.50	6
9	80102GT	CLIP, LENS RETAINER (57449)	6
10	58191GT	RETAINER,LENS,LIGHT (57449)	1
11	80103GT	LENS,LIGHT (57449)	1
12	160077GT	LAMP MH 1000W BT37HOR	1
13		REFLECTOR LAMP SIDE *component no longer available*	1
14	69887GT	SOCKET,LIGHT BULB, 4KW	1

407.1 Power Cable Routing - Mast



Item	Part No.	Description	Qty.
1	57582GT	WIRE CABLE,16/7 SOOW	
2	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	6
3	6091GT	NUT,NYLOCK,1/4-20	6

408.1 Winch Cable Routing - Mast Extension



Item	Part No.	Description	Qty.
1	85260GT	CABLE ASSY-SEQUENCING,MAST/TML	1
2	80281GT	CABLE ASSY - WINCH, MAST EXTEN	1
3	28487GT	SCREW,BHHS,3/8-16 X 1	3
4	5397GT	WASHER,FLAT,USS,5/16",Y	3
5	4828GT	NUT,NYLOCK,3/8-16	3

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California Proposition 65

WARNING

Operating, servicing and maintaining this equipment 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.

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