



A TEREX BRAND

Parts Manual

Serial Number Range

Easy-Up AC & DC Power

from serial number 2482-1413 to
2492-2366

Part No. 20946GT
Rev: B.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>

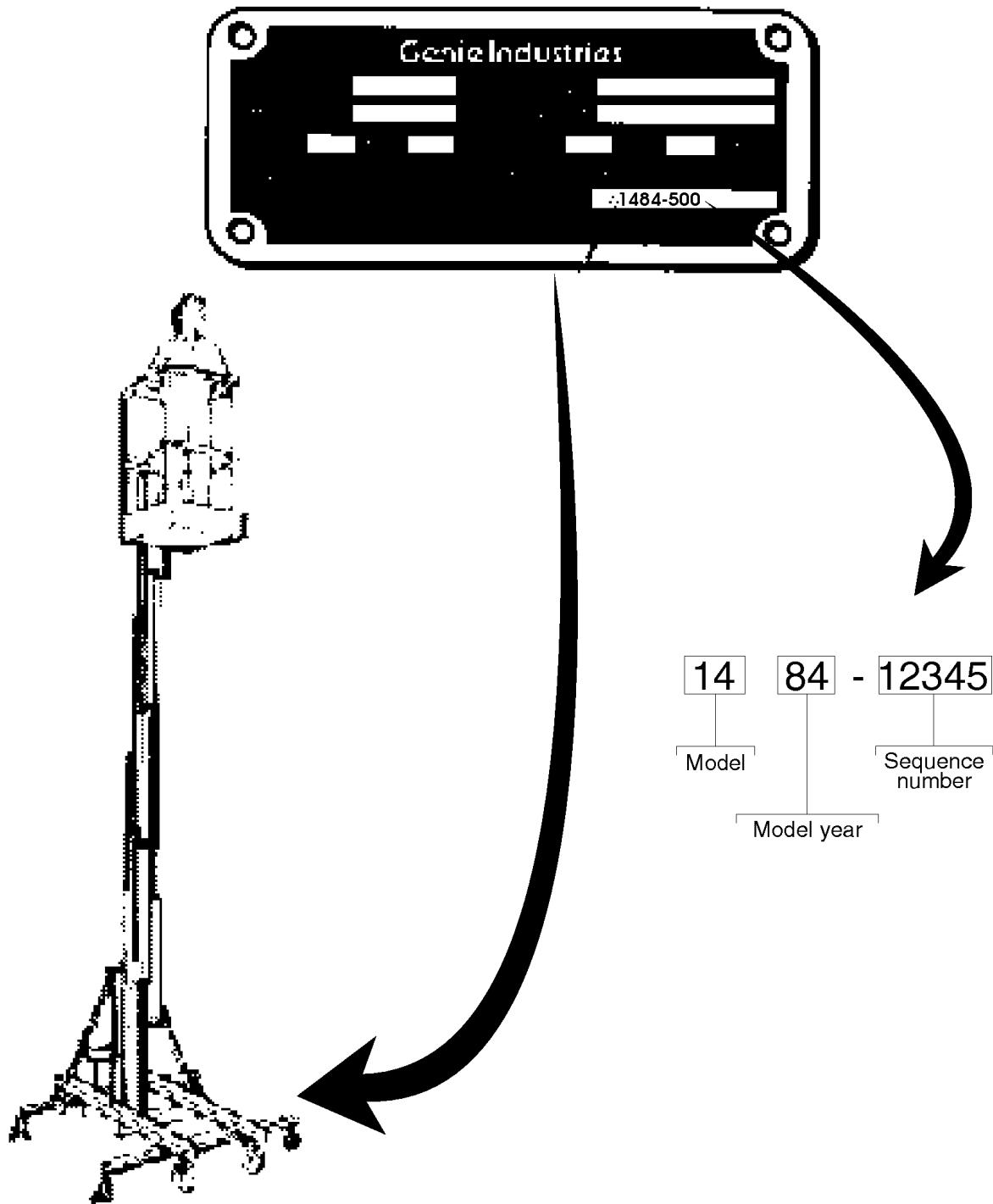
e-mail: awp.techpub@terex.com

Copyright © 2011 Terex Corporation

20946GT Rev B.03 October 2023
Second Edition, Second Printing

Genie is a registered trademark of Terex South Dakota, Inc. in the USA and many other countries. "Easy-up" is a trademark of Terex South Dakota, Inc.

 Printed on recycled paper



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 Service Manual*.

Description	Part No.
Boe Lube SP Wax.....	90337
Dielectric Grease	66399

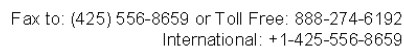
Recommended Parts

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, 110V AC.....	14378
Decal Kit, DC.....	12289

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie Easy-Up (AC/DC) Operating Instructions....	20960
EMI Safety Manual	27581
Manual of Responsibilities	
ANSI A92.5	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

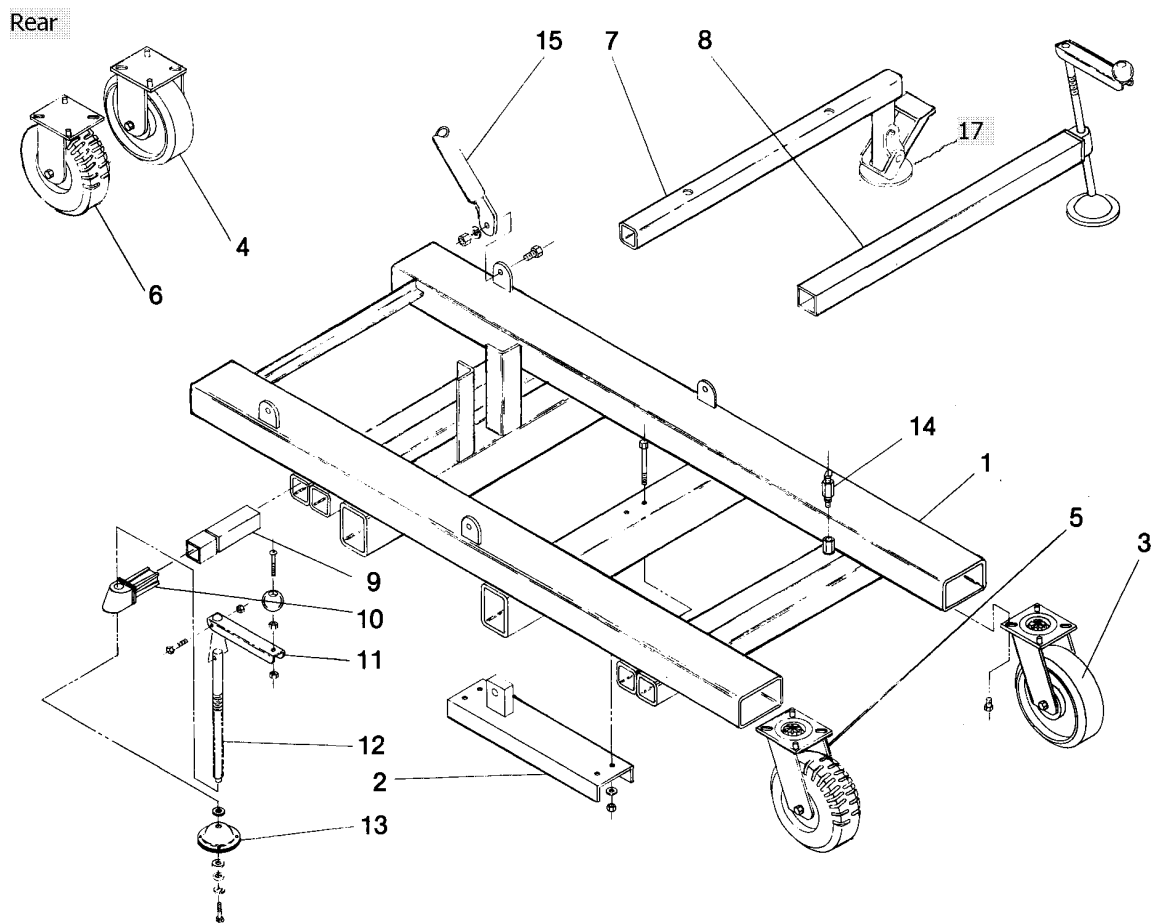
☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

Description	Page
100 Parts Figures	8
101.1 Easy-Up Base Assembly	8
102.1 Easy-Up Platform Assembly	10
103.1 Easy-Up Mast Assembly	12
104.1 Easy-Up DC Battery Pack	16
105.1 Easy-Up DC Hyd./Elec. Assembly	18
106.1 Easy-Up AC Hyd./Elec. Assembly	20
Part Number Index	22



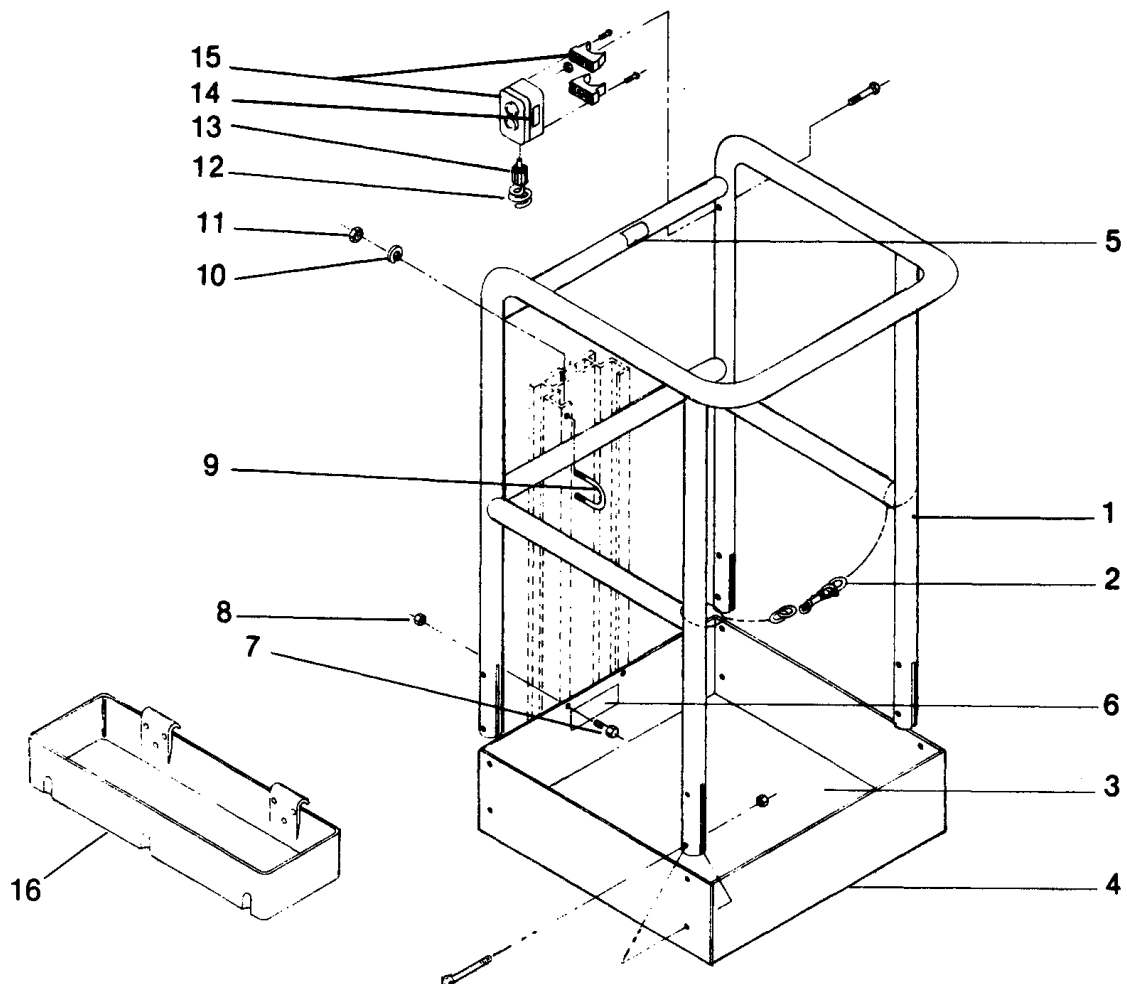
101.1 Easy-Up Base Assembly



101.1 Easy-Up Base Assembly

Item	Part No.	Description	Qty.
		LEVELING JACK ASSY,16IN.,EUP	
1		BASE WELDMENT--EUP component is no longer available	1
2	11361PGT	DROP OUT CYL.WELD,EUP-PAINTED	1
3	17020GT	CASTER-PL,SW 8 X 2 BOLT/NUTKIN Order 17020 for initial replacement (all casters must be replaced as a set)	2
4	11160GT	CASTER,PL,RGD,8 X 2	2
5	11158GT	CASTER,PL,SW,PNEU 8 X 4	2
6	11159GT	CASTER-PL,RGD,PNEU,8 X 2.80/4"	2
7	10791GT	OUTRIGGER WLDMT,EU "GRAY"	4
8	11391GT	OUTRIGGER ASSY-EU ROUGH TERAIRN	4
9	11570GT	TUBE-28"EU R.T. OUTRIGGER	4
10	11392GT	LEVELING JACK CASTING-EU	4
11	8214GT	HANDLE,LEVELING JACK,SHRT-ZINC	4
12		LEVELING JACK ROD 16" no longer available	4
13	124163GT	FOOTPAD SERVICE KIT	4
14	6277GT	PIN,LOCK,SHORT W/PULL RING	4
15	6100GT	CONDUIT-39.375" MAST BRACE,LH	4
17		FLOOR LOCK CUP/PAD ASSY*SERV**	
17-	11367-2GT	SPRING-FLOOR LOCK (COMPR.)	
17-	11367-3GT	SPRING-PAD RETAINER (EXP.)	

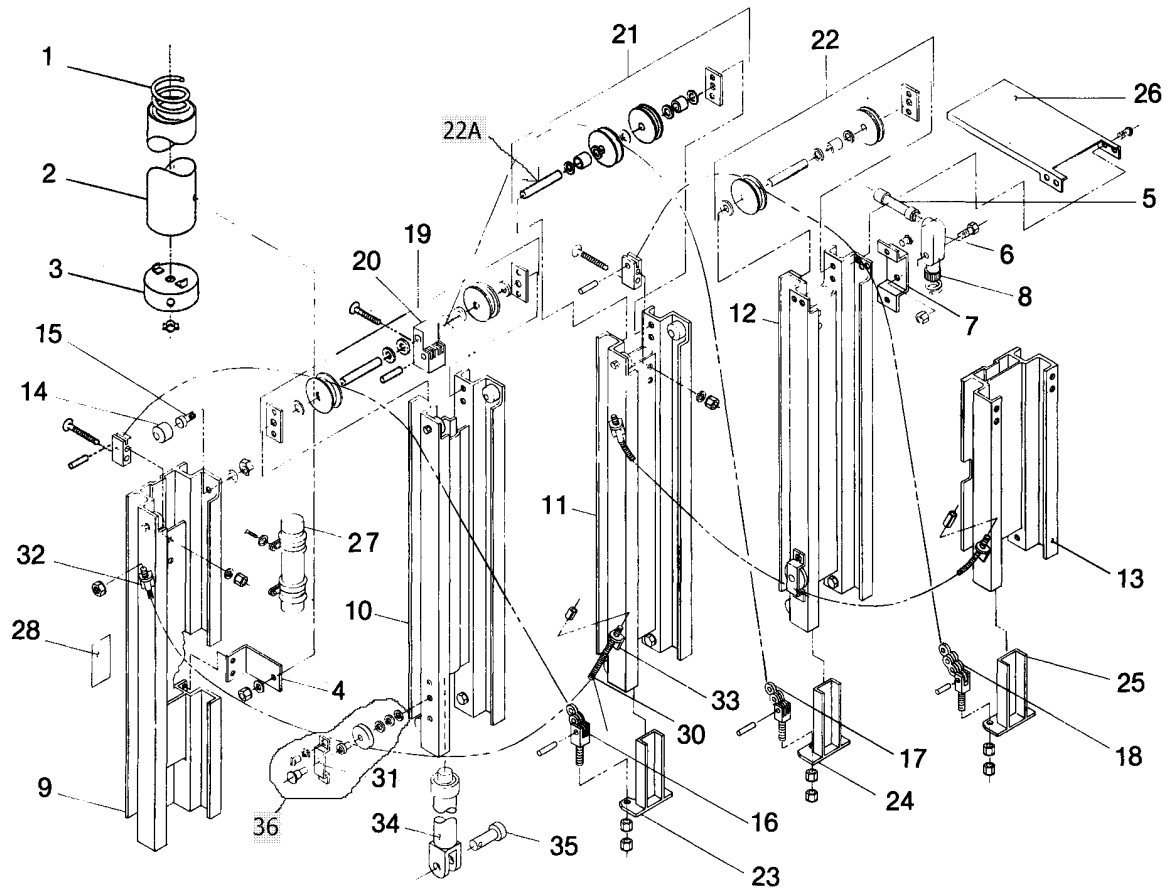
102.1 Easy-Up Platform Assembly



102.1 Easy-Up Platform Assembly

Item	Part No.	Description	Qty.
A	97815GT	DECAL,LABEL,LOWER MIDRAIL for sliding mid-rail	1
B	8041GT	DECAL,GENIE" for decal plate, and toeboard	2
1	16951GT	PLAT. ASSY-STD PL W/DECALS (wood deck)	1
1-	32815GT	PLAT. ASSY-STD PLI W/DECALS (aluminum deck)	
2	6837GT	CHAIN ASSY, STD PLAT. DATE	1
3	14806GT	PLYWOOD,5/8 ACX-23.88 X 23.88	1
4	7382GT	TOEBOARD WELDMT-STD PLATFORM	1
5	9216GT	DECAL,IMPORTANT ALL OUT.	1
6	8765GT	DECAL,300 LB. MAX. PLC	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	2
8	6091GT	NUT, NYLOCK, 1/4-20	2
9	6550GT	U-BOLT,3/8 X 1 YZ	2
10	6021GT	WASHER,LOCK, .375	2
11	4828GT	NUT,NYLOCK,3/8-16	2
12	12560GT	COIL CORD,16/6,24"COIL	1
13	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
14	8034GT	DECAL,EMERGENCY STOP"YELLOW	1
15	8541GT	SWITCH,CONTROL,TELEM.	1
15-	10657GT	BRACKET-PLATFORM SWITCH MOUNT.	
15-	6637GT	SCREW,HHC,1/4-20 X 1.75	
15-	6357GT	NUT,HEX,1/4-20	
16	9599-SGT	TOOL TRAY ACCESSORY*** (optional)	1

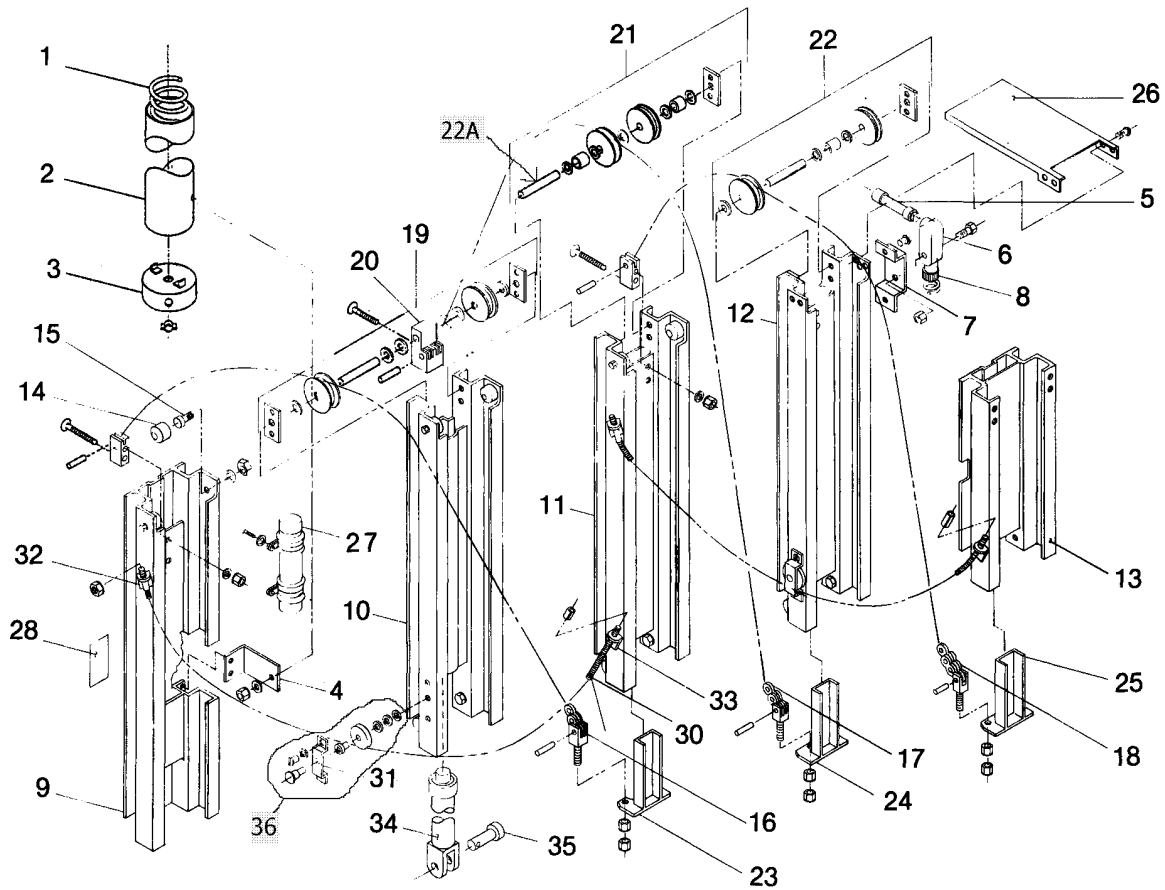
103.1 Easy-Up Mast Assembly



103.1 Easy-Up Mast Assembly

Item	Part No.	Description	Qty.
	90337GT	BOE LUBE aluminum dry lubricant	1
1	21332GT	COIL CORD,16/-6,SO,79" COIL (platform controls switch to hydraulic pump)	1
2	6555GT	CONDUIT,3"-COIL TUBE HOUSE-39"	1
3	6558GT	JUNCTION BOX ROUND	1
4	6628PGT	FLAT BAR-COIL TUBE BRKT---6"	2
5	16954GT	CONDUIT-PB J BOX OUTLET-2.5"	1
6	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
7	6634PGT	BRACKET-OUTLET BOX PAINTED (grey)	1
8	12560GT	COIL CORD,16/6,24"COIL	1
9	11404GT	MAST SECTION,#1-EUP19	1
10	11405GT	MAST SECTION,#2, EUP,71.25"	1
11	8069GT	MAST SECT.#3, EUP19,PLC19 & 24	1
12	11907GT	MAST SECTION,#4,PLC,PLI,EUP 19	1
13	14817GT	CARRIAGE, PLC/EUP STANDARD-49" (newer style)	1
13-	6527GT	CARRIAGE, PL, 29" (older style)	
14	6050GT	ROLLER, NYLATRON,1.5 O.D.**	16
15	31707GT	ROLLER KIT(SL,PLC,AWP1) QTY 1	16
16	7868GT	CHAIN ASSY,COL.#1-PLC24/DPL30 (replaced 11100)	2
17	7870GT	CHAIN ASSY,COL.#2-PLC24/DPL30* (replaced 11101)	2
18		CHAIN ASSY,COL.#3-PLC24/DPL30 (replaced 11102) No longer available	2
19	6930GT	IDLER WHEEL W/BEARING-LG	
20	14737GT	CLEVIS BLOCK-4 SLOT STL.CASTG	1
21	6929GT	IDLER WHEEL W/BEARING-MEDIUM	1
22	6928GT	IDLER WHEEL W/BEARING-SM	1
22A	6544GT	AXLE, IDLER WHEEL .75 X 4.01	
23	6509GT	LOWER CHAIN TERM WELD. #3 WIDE	1
24	6506GT	LOWER CHAIN TERM WELD.#4 NARRW	1
25	6509GT	LOWER CHAIN TERM WELD. #3 WIDE	1

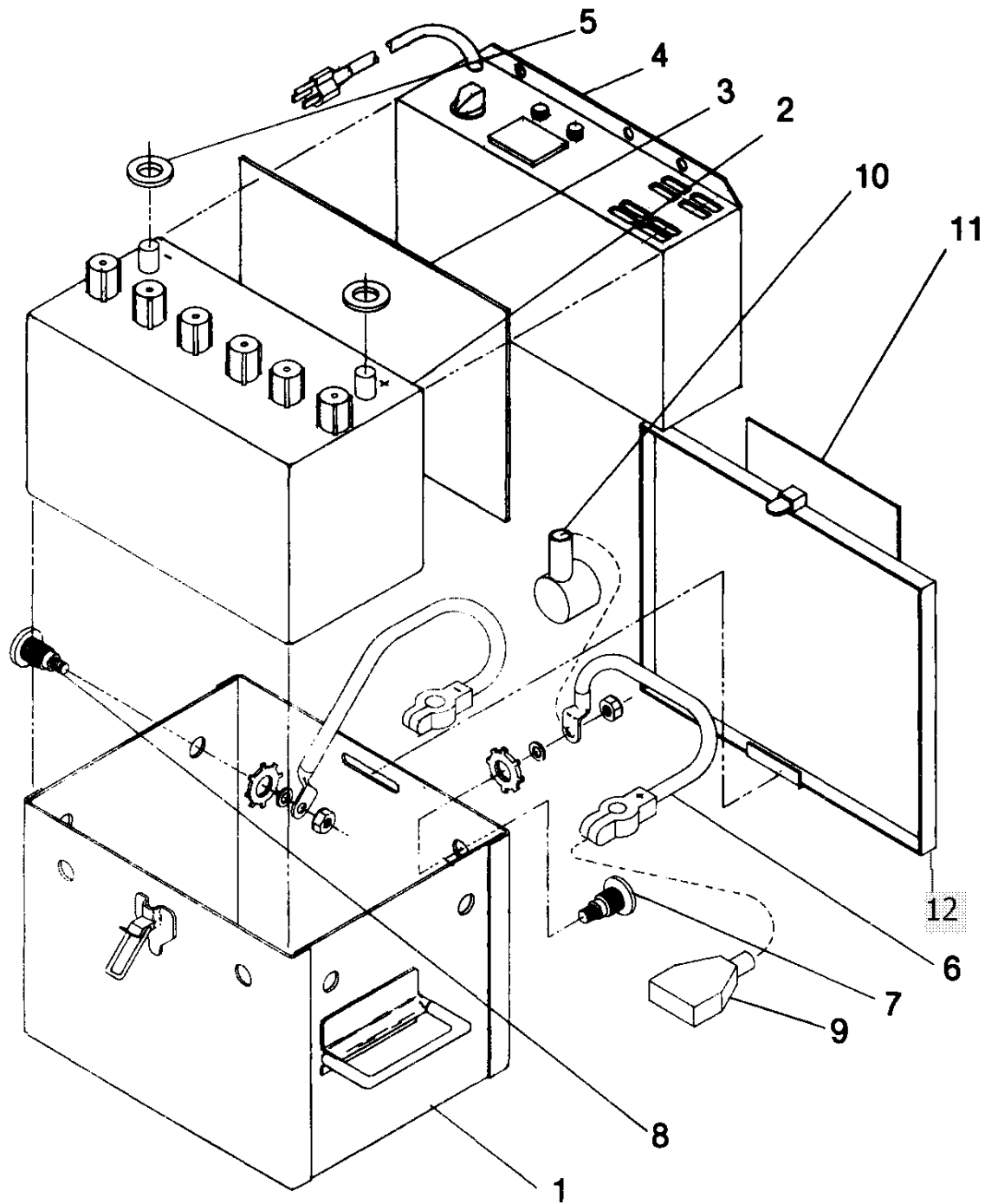
103.1 Easy-Up Mast Assembly



103.1 Easy-Up Mast Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	6593GT	MAST COVER PLATE (4 COL)	1
27	6600GT	INSTRUCT.TUBE W/CAPS-1.75 X 12	1
27-	31822GT	CAP,INSTRUCTION TUBE (RED)	
28	11656GT	DECAL,OPER.INST, EUP	1
30	12397GT	CABLE,MAST TENSION	3
		(71.25 inches)	
31	14558GT	PULLEY,(NYLATRON) 2 X .5 X .25	3
32	6852GT	CABLE ANCHOR BRACKET-UPPER,ZNC	3
33	6552GT	CABLE ANCHOR BRACKET-LOWER,ZNC	3
34	6969GT	CYLINDER,HYD-1.5X 53.25X 66	1
		(obsolete, no replacement available)	
34-	8931GT	SEAL KIT,FOR 1.13 ROD (LANTEX)	
35	6545GT	PIN,CLEVIS,.75 X 2	1
36	7710GT	PULLEY&BRKT INSTALL-MAST TENSIN	
36-	14558GT	PULLEY,(NYLATRON) 2 X .5 X .25	1
36-	6554GT	PULLEY BRACKET-1", ZINC	1
36-	21018GT	SCREW,PHIL,PHM,10-24 X.38,SEMS	2
36-	6584GT	SCREW,SHS,10-24 X .625	1
36-	6607GT	WASHER,LOCK,#10 PLTD	1
36-	25625GT	NUT,HEX,10-24	1

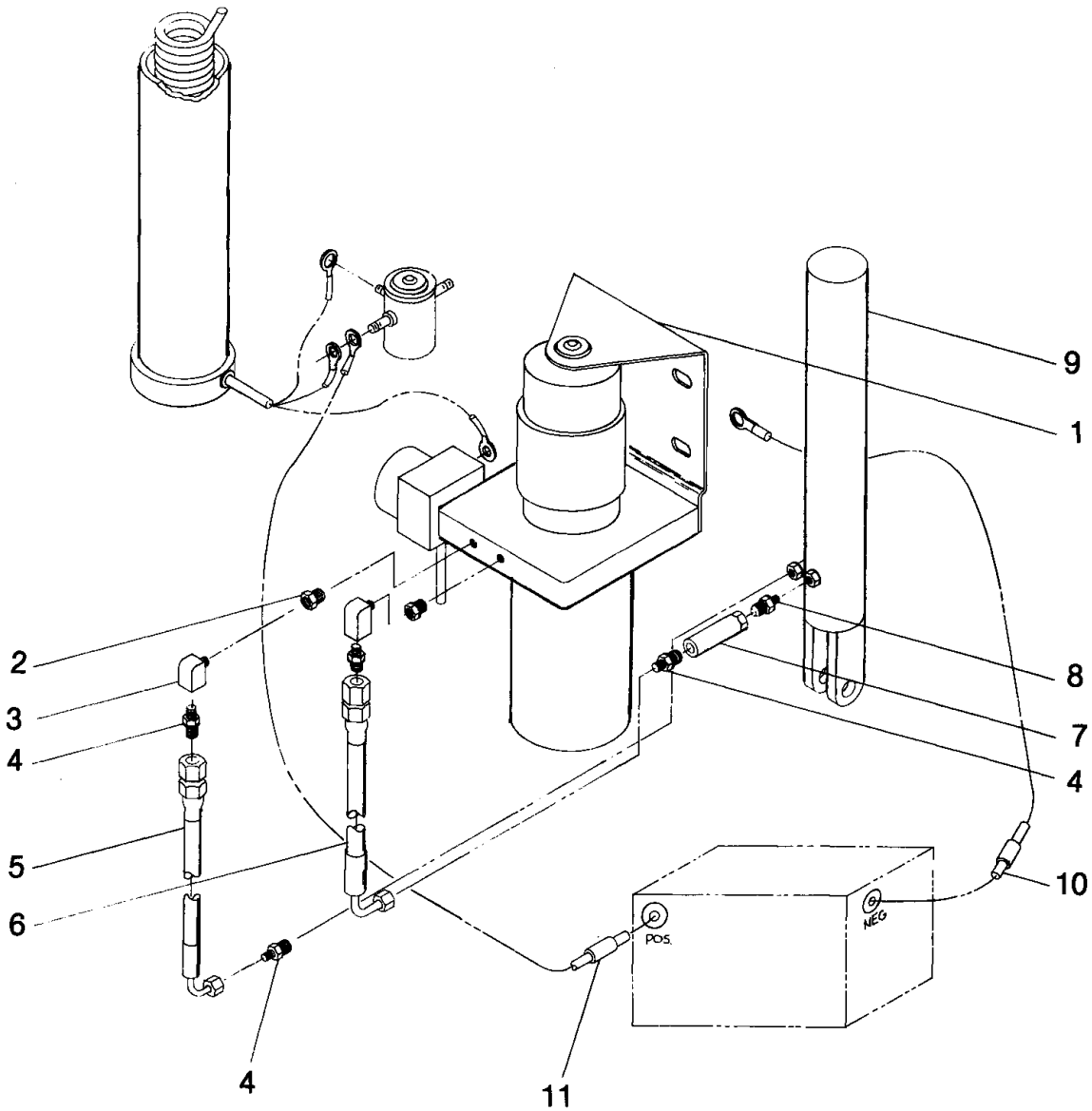
104.1 Easy-Up DC Battery Pack



104.1 Easy-Up DC Battery Pack

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	21257PGT	BATTERY BOX-PAINTED	1
2	6676GT	BATTERY, 30H, 109AH	1
3	7166GT	BATTERY BOX DIVIDER 13.5 X 9	1
4	38581GT	CHARGER, 12V, 10A, AUTOMATIC, DOM*	
4-	8991GT	TIMER, 12HR, CHARGER MOD.#2002**	
4-	14809GT	AMMETER-(6685, 6675 CHARGER)**	
4A	6851GT	CHARGER, 200-230/50-PLI, AWP	
4B		CHARGER, 100-115/50-PL, PLC, AWP	
		no longer available from supplier	
5	57162GT	BATTERY TERMINAL PROTECTORS	1
6		BATT. CABLE CLAMP-RING, 14.0	2
		No longer available (contact customer service)	
7	6812GT	BATTERY BOX RECEPTACLE, RED	1
8	6813GT	BATTERY BOX RECEPTACLE, BLACK	1
9	8909GT	Battery Terminal Boot	1
10	96110GT	BOOT, CABLE, TERMINAL COVER	1
11	11657GT	DECAL, CAUTION BATTERY, CAMLOK	1
12	6673PGT	BATTERY BOX LID --(GRAY)	

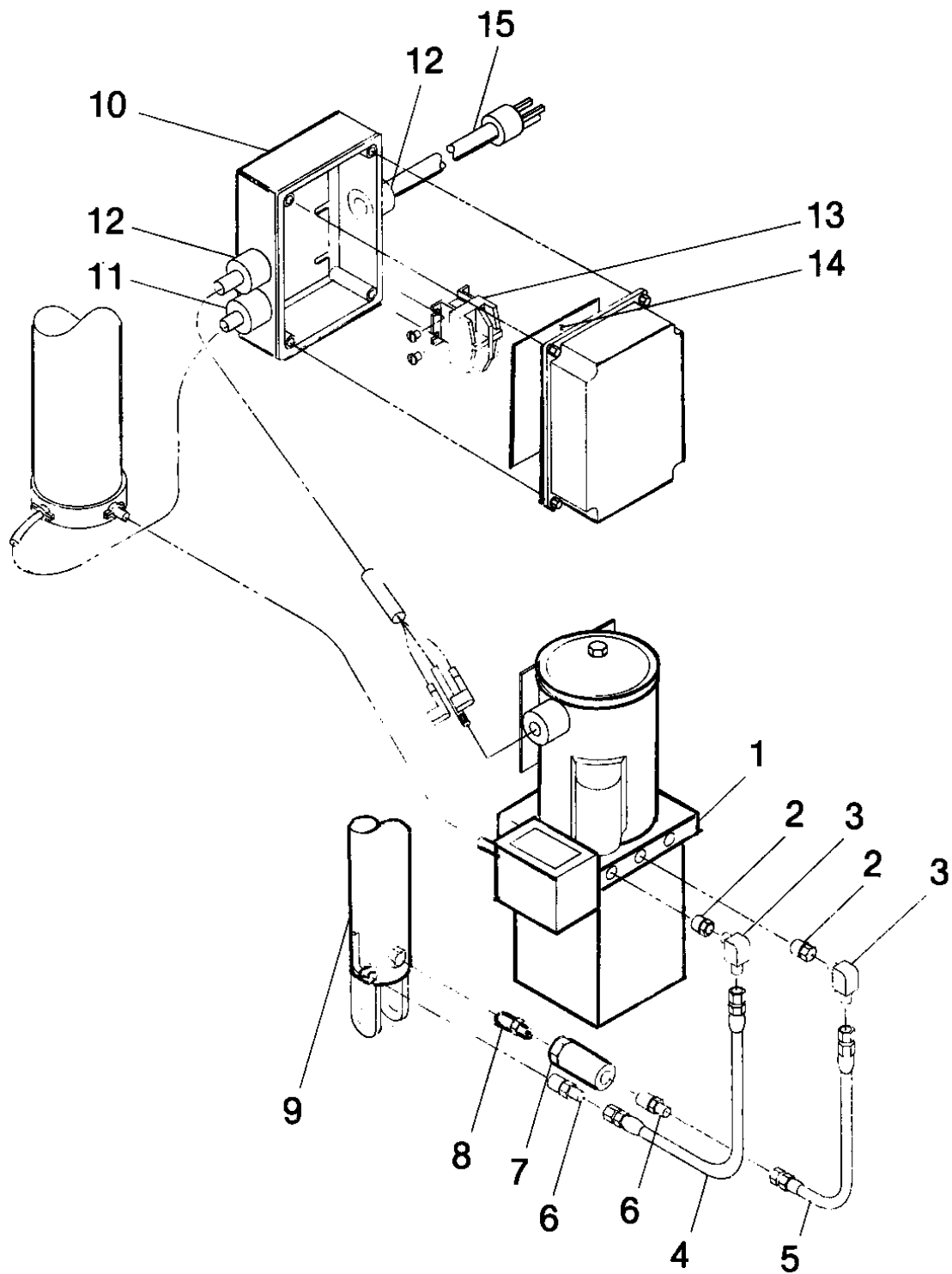
105.1 Easy-Up DC Hyd./Elec. Assembly



105.1 Easy-Up DC Hyd./Elec. Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	6669GT	POWER UNIT ASSEMBLY-PLC/PSL/EU	1
1-		SOLENOID, STONE, DC obsolete, no longer available from supplier	
1-	15942GT	MOTOR KIT-STONE 12V DC REPLA** (call the Service Department for mounting instructions)	
1-	25664GT	BRUSH KIT,15942/29416 MOTOR*** (call the Service Department for mounting instructions)	
1-	6950GT	BREATHING CAP, ALUMINUM PRODUCT	
2	6648GT	BUSHING,140140-6-4	2
3	6642GT	ELBOW,130239-4-4	2
		(replaced 4605)	
4	6693GT	CONNECTOR,070102-4-4	4
5	11817GT	HYD HOSE ASSY W/FITTINGS-22.5"	1
6	11415GT	HYD HOSE ASSY W/FITTINGS--25"	1
7	6567GT	VALVE,FLOW CONTROL A8-2101-00	1
8	6639GT	NIPPLE,HEX,140137-4-4	1
9	6969GT	CYLINDER,HYD-1.5X 53.25X 66	1
		EUP-15, EUP-19	
9-	8931GT	SEAL KIT,FOR 1.13 ROD (LANTEX)	
10	7797GT	BATTERY CABLE ASSY-PL,NEG-24"	1
11	7796GT	BATTERY CABLE ASSY-PL,POS-27"	1

106.1 Easy-Up AC Hyd./Elec. Assembly



106.1 Easy-Up AC Hyd./Elec. Assembly

Item	Part No.	Description	Qty.
1	124816GT	POW UNIT,AC,.75GPM,PLC,SERV (replaced 12250)	
1-	12439GT	VALVE,RELEASE CARTRIDGE,STONE -12250	
1-	6950GT	BREATHING CAP, ALUMINUM PRODUCT	
2	6648GT	BUSHING,140140-6-4	2
3	6647GT	ELBOW,070202-4-4	3
4	8979GT	HYD HOSE ASSY W/FITTINGS 24.75 (replaced 11388)	1
5	11816GT	HYD HOSE ASSY W/FITTINGS 22"	1
6	6693GT	CONNECTOR,070102-4-4	2
7	6567GT	VALVE,FLOW CONTROL A8-2101-00	1
8	6970GT	NIPPLE,GALV.,1/4 X 2	1
9		CYLINDER,HYD-1.5X 53.25X 66 EUP-15, EUP-19 (no replacement available)	1
9-	8931GT	SEAL KIT,FOR 1.13 ROD (LANTEX)	
10	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4	1
11	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
12	7057GT	CONN. SQZ,1/2NPT .39-.56 MED	2
13	7157GT	CONTACTOR, MOTOR, 50/60 110V	1
13A	7160GT	CONTACTOR, MOTOR, 50/60 220V	
14	20561GT	DECAL,WIRING DIAGRAM, PLC/I AC (replaced 10162)	1
15	35846GT	PIGTAIL,ASSY,AC/DC SJO 14/3** (includes plug)	1

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
4828GT	11	6950GT	19, 21	11656GT	15
6021GT	11	6969GT	15, 19	11657GT	17
6050GT	13	6970GT	21	11816GT	21
6090GT	11	7056GT	11, 21	11817GT	19
6091GT	11	7057GT	21	11907GT	13
6100GT	9	7157GT	21	12397GT	15
6277GT	9	7160GT	21	12439GT	21
6357GT	11	7166GT	17	12560GT	11, 13
6506GT	13	7382GT	11	14558GT	15
6509GT	13	7710GT	15	14737GT	13
6527GT	13	7796GT	19	14806GT	11
6544GT	13	7797GT	19	14809GT	17
6545GT	15	7868GT	13	14817GT	13
6550GT	11	7870GT	13	15942GT	19
6552GT	15	8034GT	11	16951GT	11
6554GT	15	8041GT	11	16954GT	13
6555GT	13	8069GT	13	17020GT	9
6558GT	13	8214GT	9	20561GT	21
6567GT	19, 21	8425GT	21	21018GT	15
6584GT	15	8541GT	11	21257PGT	17
6593GT	15	8765GT	11	21332GT	13
6600GT	15	8909GT	17	25625GT	15
6607GT	15	8931GT	15, 19, 21	25664GT	19
6628PGT	13	8979GT	21	31707GT	13
6634PGT	13	8991GT	17	31822GT	15
6637GT	11	9216GT	11	32815GT	11
6639GT	19	9599-SGT	11	35846GT	21
6642GT	19	10657GT	11	38581GT	17
6647GT	21	10775GT	13	57162GT	17
6648GT	19, 21	10791GT	9	90337GT	13
6669GT	19	11158GT	9	96110GT	17
6673PGT	17	11159GT	9	97815GT	11
6676GT	17	11160GT	9	124163GT	9
6693GT	19, 21	11361PGT	9	124816GT	21
6812GT	17	11367-2GT	9		
6813GT	17	11367-3GT	9		
6837GT	11	11391GT	9		
6851GT	17	11392GT	9		
6852GT	15	11404GT	13		
6928GT	13	11405GT	13		
6929GT	13	11415GT	19		
6930GT	13	11570GT	9		



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.