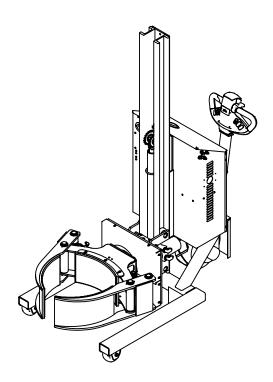


ROTOGRIP-UGIII W/ POWERDRIVE F80144A7 F80143A6



Notice to Purchaser

All statements, technical information, and recommendations related to Valley Craft's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must determine if it is suitable for your intended application or situation. You assume all risks and liability associated with such use or implementation.

Product Testing

We perform vigorous in-house safety and durability testing to ensure that the performance of our products meets the demands of the workplace. We also expect the same from manufactures who supply components for our products. We do this to ensure that Valley Craft is a name that our customers trust and associate with quality.

Publication Revision Notice

Following is a history of changes to this publication, including the current revision.

Previously Updated: 07/12 Last Updated: 08/15

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Safety

Read and understand all safety information and become familiar with all safety symbols contained in this section before moving, operating or performing maintenance on this equipment.

Safety Overview

The following general safety precautions must be observed during all phases of operation, service, and repair of this equipment. Failure to comply with these precautions or with specific safety messages elsewhere in this manual may impair the protection provided by the equipment. Such noncompliance would also violate safety standards of design, manufacture, and intended use of the instrument.

- Observe all safety signs posted in your facility.
- Observe warnings, cautions, handling information, storage requirements and other information on all container labels.
- Wear safety glasses with side shields.
- Wear the proper protective clothing, gloves and other protective equipment before handling any chemicals.
- Group the containers for the move by Hazard Class. Do not move acids with toxics, or oxidizers.
- Use maximum care and good judgment in preventing accidents and injuries and seeking first aid.
- Report unsafe conditions, equipment, practices, and on-job injuries.
- Understand your supervisor's instructions. Ask questions if you do not know how to do the job safely.
- Do not engage in tasks which you believe might be unsafe without consulting your supervisor.
- Clean up the work area and equipment upon job completion.
- Before you start work on any electrical system or circuit, check all
 power sources to ensure that the system or circuit is de-energized.
- Know the hazardous or potentially hazardous substances you work with or are present in your work area. Review Material Safety Data Sheets (MSDS) on these substances, or contact your supervisor.

Safety Message Conventions

Three types of safety notices may be contained in this manual: **Danger**, Warning and Caution notices. These notices precede the procedural step or portion of text that presents the safety hazard.

A DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

A CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices

Material Safety Data Sheets (MSDS)

A Material Safety Data Sheet (MSDS) provides information on the safe use, handling and potential hazards of a product. This information assists with the proper response in the event of an emergency.

Valley Craft maintains material safety data sheets (MSDSs) on all our products. You are urged to obtain copies of the relevant MSDSs before using our products to protect yourself and others against any known health or safety hazards described in these MSDSs. Valley Craft strives to make safety a top priority. Do not hesitate to contact us to discuss any safety aspects of our products.

The relevant MSDS codes for Valley Craft products are listed below.

- www.conocophillips.com
 Super ATF Transmission Oil, MSDS Code 778846
 Super-Sta Grease, MSDS Code 775440
- www.batteriesplus.com
 Sealed Lead Acid Battery
 SLA for English version
 SLA Sp for the Spanish version
- Paint
 Contact Valley Craft Customer Service at 1-800-328-1480 or on the Web at customer@valleycraft.com

Additional Safety Information

As with any mechanical device, care must be taken during the installation, operation, and maintenance of the device in order to realize the maximum benefit from its ownership.

Note: All personnel involved in the use and maintenance of this device should be thoroughly familiar with the information contained in this manual. Furthermore, it is recommended that all personnel be given adequate instruction and a sufficient period of training in its actual use to insure safety of personnel and proper care of the equipment. It is suggested that the units be initially operated empty until becoming familiar with operation of this unit.

Receiving and Inspecting

When unpacking the equipment, inspect for signs of damage or mishandling. If damage is noted, file a damage claim with the carrier within 24 hours and call Valley Craft at 1-800-328-1480. Do not attempt to use the equipment.

Compare the contents of the shipment with the bill of lading. Report any missing items to the carrier and to Valley Craft immediately.

Operating Procedures

Only authorized and trained personnel should be permitted to use this equipment. Improper use may result in personal injury and/or damaged to the unit and surrounding property.

- Before operating the unit for the first time, remove the red plastic plug in the hydraulic reservoir and replace with the black breather cap supplied with the unit.
 - 1. Turn portable lift on.
 - 2. Position the portable lift with the rear saddle of the jaws tight to the drum.
 - 3. Center the Jaws vertically around the drum by depressing and holding the (up/down) switch until reaching the desired position. Grip drum in center at all times.
 - 4. Clamp the drum by depressing and holding the (clamp/unclamp) to the clamp positions while simultaneously depressing the "safe" push button. The clamp/unclamp functions are wired to require 2 hand operations to avoid accidental release of a suspended drum.
 - 5. Once clamped, the drum may be raised or lowered to the desired height by turning and holding the (up/down) switch.
 - 6. After reaching the desired height, the drum may be rotated by turning and holding the rotate (left/right) switch in the desired direction.

Operating Procedures Tiller-Head

Operating the Tiller-head

- 1. Turn key switch on.
- 2. Wig wag switch controls direction of drive wheel. Push wig wag forward for wheel to drive forward. Opposite for reverse.
- 3. Red belly button switch stops unit in reverse if operator is pinched between wall and switch.
- 4. Horn pushbutton activates audible noise to alert coworkers of a moving piece of equipment.
- 5. Hydraulic functions are actuated by rocker switches.
- 6. To operate clamp/unclamp the "safe" button must be depressed.



Adjusting Clamp Pressure

To adjust clamp pressure:

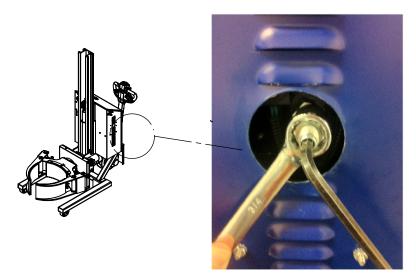
- 1. Remove rear cover on control box.
- 2. Use 3/4" open end wrench to loosen the jam nut on the pressure port stem.
- 3. Use an Allen wrench to adjust clamp pressure by turning the stem.
- Turn the stem clockwise to increase pressure
- Turn the stem counter-clockwise to decrease pressure

Note: Every drum or container is different. It may not be possible to find one pressure setting that will work for all applications without readjusting. It is the customer's responsibility to determine a safe clamp pressure for their specific application.

4. Every lift should be performed with as high of a clamp pressure as possible without damaging the container.

Note: If the container is not rigid enough to resist the clamp pressure needed to safely lift it, do NOT attempt moving or dumping it. Please contact Valley C raft to see if an alternative clamp method would work better for your specific application.

- Once correct clamp pressure has been found, re-tighten the jam nut onto the stem.
- 6. Replace the back cover and return the unit to service.



Note: Wrench shown outside the cabinet for clarity. Your machine may require removal of the back panel to loosen the jam nut and adjust pressure.

Operating Procedures Z20836A7 GAUGE-BATTERY DISCHARGE



Configuring Your Gauge

Access to these operations is sequential in this order. Adjustments of the following functions can be performed in the configuration mode.

1. Time-of-Day Clock

During configuration, the right button is used to increment. The left button is used to

- 1. Enter a selection
- 2. Advance to the next configurable item

If no change is desired to a specific gauge function, continue to press the left button until the next desired function is reached. The time-of-day clock is entered by setting the hours digits between 01 and 12, then 'minutes' digits between 00 and 59.

Setting the Time-of-Day Clock

The display will flash the two 'hours' digits. Press the right button to increment by one hour, or hold the button to increment continuously. When the desired number of hours is reached, press the left button once. The display will flash the two 'minutes' digits. Press the right button to increment by one minute or hold the button to increment continuously. When the desired number of minutes is reached, press the left button once.

Configuration Notes

The gauge remains in configuration mode for 30 seconds without input from the user. When configuring each function you must enter in all data for that function for it to be saved. If incomplete data is entered for a function and the programming mode is timed out (after 30 seconds of no input received by the gauge), the gauge will revert back to what was previously stored for that item.

Exiting Configuration Mode

The configuration mode can be exited in three ways?

- 1. Press and hold the left button for three seconds.
- 2. Leave buttons untouched for 30 seconds.
- 3. Press the left button after selecting the last (right) digit of the last function available.

Toggling Display Functions

Press the left button to sequentially toggle between the three numeric gauge functions (time-of-day clock, maintenance hours, total hours).

LCD Icons

- Hourglass Icon Turned on (not blinking) to indicate that an hour meter is displayed in the numeric display. Flashes to indicate hour meter accumulation.
- 2. Battery Icon Turned on (not blinking) to indicate function. It flashes when a low condition is detected.
- 3. Colon Flashes to indicate that the time-of-day clock is being displayed in the numeric display and that time is counting-up.
- Decimal Point To indicate 1/10 of a volt for the BDI profile.
- 5. Percent Indicates remaining percentage of interval or level.

Troubleshooting

Problem	Possible Causes
No display	Terminals not connected
	Improper voltage
Stays at full	Instrument voltage does not match battery voltage
	V+ connected to wrong terminal
Will not reset	Instrument voltage does not match battery voltage
	Battery not fully charged
	Defective battery
Resets without charging	Not connected to battery terminal
Empty too soon	V+ connected to wrong terminal
	Instrument voltage does not match battery voltage
	Terminals not connected to battery
Cannot configure	No power to the setup enable pin

Charging Batteries

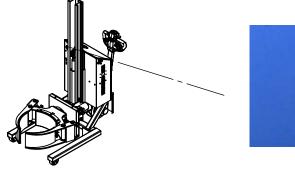
- 1. Always turn the key to the "off" position when unit is not in use.
- 2. To charge your battery, plug a grounded extension cord into the built-in receptacle in the Control Box and an outlet (see below).
- The battery will charge automatically after the charger is plugged in and can be left unattended.
 - Batteries will generally require equal charging to work time.
- Keep the charger plugged in to maintain a full battery level when the unit is not being used.

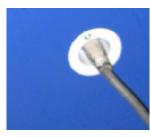
NOTES:

 See charger MANUAL for SAFETY PRECAUTIONS and charger TROUBLESHOOTING

DO NOT USE BATTERIES UNTIL THEY ARE TOTALLY DISCHARGED.

- i. Doing so may damage your battery.
- ii. For maximum battery life, your unit is equipped with a charger that collects information from the battery and adjusts the current and voltage accordingly. If your battery voltage drops below a certain threshold the charger will not charge the battery.
- If the battery becomes discharged and won't charge by ordinary
 means, a suggested solution is to "trick" the charger into reading a
 higher voltage from the battery. To do this connect a second, wellcharged battery (12.4 volts or greater) in parallel with the dead
 battery-positive to positive, negative to negative. Then plug in your
 charger and charge the combination until the dead battery has
 enough voltage to enable being charged by itself.





Maintenance and Adjustments

Maintenance and Adjustment Procedures

To keep this unit operating properly, timely maintenance and adjustments are required. These procedures should be performed only by qualified personnel who are familiar with the equipment.

Maintenance and adjustment procedures are shown in Table 1.

Table 1. Maintenance and Adjustment Procedures

Component	Frequency	Operation	Procedure
Wheels	Daily	Visually Inspect	Check the wheels to ensure they are not damaged or loose.
Lift Chain	Daily	Visually Inspect	Inspect the roller chain and mounts for any sign of damage or wear. Replace as required.
Batteries	Daily	Visually Inspect	Inspect batteries to ensure they are fully charged and free from damage
Front clamp section	Weekly	Grease	Use a grease gun to apply grease applicable zerks.
Front rotate section	Weekly	Grease	Use a grease gun to apply grease to the zerk on the Rotate Sprocket.
Hydraulic Fluid	Quarterly	Check level	Remove the back panel of the control box and ensure the hydraulic reservoir is approximately 3/4 full. Re-fill if required.
	Yearly	Replace fluid	Remove hydraulic reservoir, clean and refill with new hydraulic fluid.

Troubleshooting

Troubleshooting Procedures

This unit is a quality product that is designed and manufactured to provide prolonged service under normal operating conditions. If troubleshooting is required, it should be performed only by qualified personnel who are familiar with the equipment.

Issue	Possible	Proceedure
	Cause	
Unit won't power on.	Dead batteries	Plug unit in and allow it to charge fully.
	Bad Connection	Have electrician trace power wires to find faulty connection.
Unit has power but hydraulic pump motor wont run.	Bad connection or blown fuse.	Have electrician ensure that power is being supplied all the way to the motor.
IIIOO WOIRTEE	Faulty start relay	Ensure the start relay inside the motor electrical enclosure is functioning properly
	Faulty Motor	Relay is supplying power to drive motor but still doesn't run. Contact Valley Craft for a replacement.
Hydraulic Motor runs but one function doesn't	Bad electrical connection.	Ensure the solenoid for the desired function is receiving power. Repair connection as required
work.	Faulty switch	If power is stopping at a switch, check connections and contact Valley Craft for a replacement if required.
	Faulty Solenoid	If solenoid is receiving required power and doesn't shift, contact Valley Craft for a replacement.
Everything works except for rotate.	Blown seal in rotary union	Remove hydraulic Hoses supplying rotary union and run the briefly into a bucket to ensure fluid is being supplied.
		If fluid is being supplied to the rotary union but it still doesn't rotate correctly, Contact Valley Craft customer service for assistance.

Replacement

Replacement Procedures

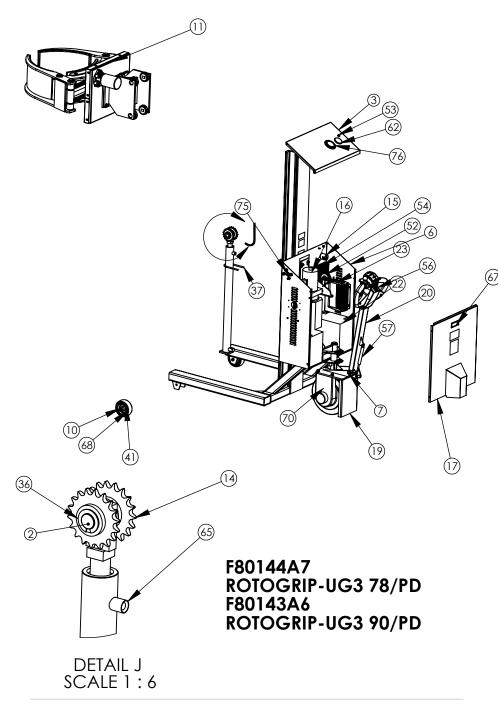
Occasionally, it will be necessary to replace a part that has been Damaged or worn. Many parts on this product are replaceable. If Replacement of a part is required, it should be performed only by Qualified personnel who are familiar with the equipment.

See Sheet X for available replacement parts. Identify the part number you need. Contact Valley Craft Customer Service at 1-800-328-1480 or on the Web at customer@valleycraft.com.

Information required when contacting Valley Craft:

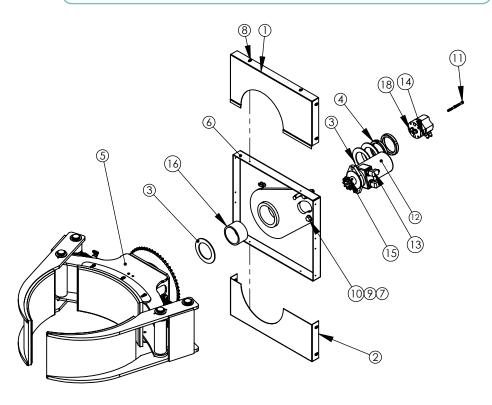
- A. Company name and address
- B. Contact persons name
- C. Telephone number
- D. E-Mail address
- E. Model Number
- F. Date of manufacture
- G. Part number(s) of part(s) to be ordered

The model number and date of manufacture is stamped on a metal tag located on the mast of the unit.

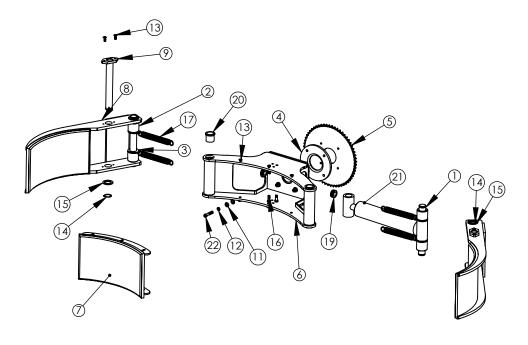


F80144A7 ROTOGRIP-UG3 78/PD F80143A6 ROTOGRIP-UG3 90/PD

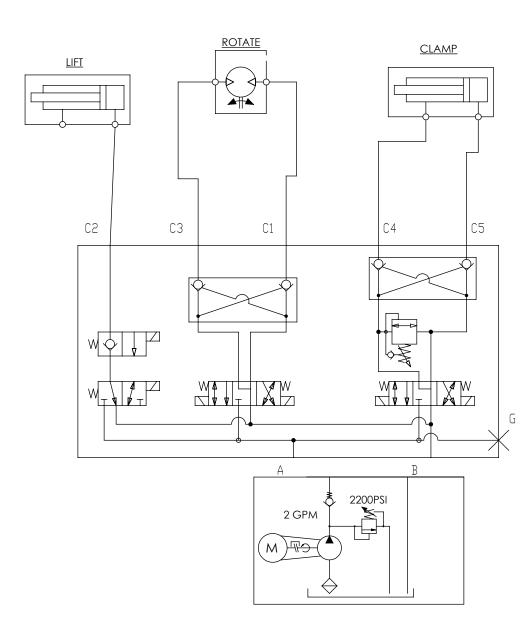
		· · · · · · · · · · · · · · · · · · ·	
ITEM NO.	PART NUMBER	DESCRIPTION	STAN DAR D SETU P/QT
2	E51055	DINI CLEVIS 1 00 DL DD	+ +
- 5	1F5 1053	TOP OPTI POVIDI PD	+
- 	IES 1030	CUT 14C (FUCE ULADED	++
9	1F284U8A4	SHI-14G/FUSE JUMPER	+
10	F58422A4	RD63/AXLE IILLER	\perp
<u> </u>	F60438A9	BOLI-AXLE/PD HYD 1/2-13X3.50	 {
6	F60441A2	SL WLDMI-/8/PD/UG3	\perp
	F60442A3	SL WLDM1-90/PD/UG3	
	F60554A5	CARRIAGE AND CLAMP/PL PD UG3	
12	IE60860A8	RLR CHAIN ASSY-78	2
12B	F61446A9	RLR CHAIN ASSY-84	2
14	<u> F63091A3</u>	SPROCKET ASSY-50C18 BRG 1.01	2
15	IF63812A1	PLUG ASSY-125V	1 1
16	IF68007A8	PP-6SOL/5PORT 24V	1 1
	IF68094A7	CVR CNTR WLDMT/POWER DRIVE	1
18	F68096A5	PUMP MNT WLDMT/POWER DRIVE	1 1
18 19 20	F68097A4	PIVOT WLDMT/POWER DRĪVĒ	
20	F68098A3	TILLER WLDMT/POWER DRIVE	\perp
21	IZ00116A0	GROMMET625ID SBR	\Box
22	IZ00172A5	BATTERY-12V 80AH SEALED LEAD	2
23	Z00546A4	CHRGR-BATTERY 12/24 120VAC	Tī
24	Z10003A5	NUT-HEX KEPS #4-40	3
25 26	1Z10011A3	BUSH-MACH 1x18GAx1-1/2 OD	1 2
26	710036A6	NUT-HEX KEPS 5/16-18	5
27	710043A7	NUT-NYI NF 1/4-20	1 2
27 28	710072A1	PIN-SPG 1/4X1-1/2	Ť
	710113A2	S-HHC 1/4-20X1-1/4	2
30	1710124A9	S-HHC 5/16-18X1-1/4	1 1
29 30 31 32 33	1710132A9	S-HHC 3/8-16X1	2
32	710176A6	S-RHM #10-24X1/2	14
33	710201A5	WASHER-5/16 FLAT USS	8
34	710202A4	WASHER-3/8 FLAT SAF	14
3.5	710214A0	WASHER-3/8 LOCK MD	6
36	1710223A9	RING-RING 1	1 2
3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2	710241A7	BOLT-Ü 5/16-18 X 2-1/2	1 T
38	710382A6	NUT-HEX KEPS #8-32	8 10 13
39	710385A3	S-PTHTC #8x3/8 LG	10
40	1710391A5	NUT-HEX KEPS #10-24	13
41	710393A3	NUT-LOCK 1/2-13	
42	1710432A6	BALL-STUD 5/16-18 UNC	2 4 4 8
43	710463A8	S-PTHM #8-32x3/8	4
44 45 46	710500A7	NUT-HEX KEPS 3/8-16	4
45	Z10530A8	S-HHC 3/8-16x1-1/4	8
46	710534A4	RING-RING 1-1/4	1 1 1
47	Z10572A2	S-RHM # 8-32X1-1/4	3
48	1Z11548A1	Š-FHM #4-40X3/8 ZP	3
47 48 50 51 52	Z20813A0	GROMMET-,75IDX1.06HOLEX.25TH	4
51	1Z20814A9	GROMMET75IDX1.13HOLEX.09TH	\top
52	IZ20815A8	HORN-24V	Til
53	1Z20817A6	LIGHT-INDICATOR LED GRN 24V	Til
54	IZ20819A4	CONTROLLER/PD	Til
55	IZ20820A3	FUSE-HEDR AND	2
55 56 57 58	IZ20823A0	TILLER HEAD/PD	Tī
57	Z20825A8	SPRING-GAS/120LBS	\top
58	720826A7	RING-RTNG EXTERNAL 5/8	1 2
60 61	720828A5	BRG-BRZ-FLG .63X.88X1 00	1 2
6Ĭ	720830A3	BRG-BRZ-FLG 1.25X1.50X1.50	1 2
62	1 <u>7</u> 20836A7	GAUGE-BATTERY DISCHARGE	T
63	1Z20839A4	FUSË-ANL	T 2
65	IZ20867A4	CYL ASSY-78 SAE PL PD	$\top \overline{1}$
62 63 65 65B	Z20868A3	CYL ASSY-90 SAE PL PD	T 1
1 6/	Z30415A5	HDL PCKT PULL PLST 3.25X1 41	\top
<u>68</u>	Z30443A1	WHL-5 x 2 PAL	1 2
	1 <u>Z</u> 40456A4	DECAL-WĀRŃIÑG BATTERY	
70	740457A3	DECAL-CAUTION STRADDLE LIFT	\top
70		DECAL LOAD CABIECO	1 i
70	Z40464A4	DECAL-LOAD CAP 1500	
70	740464A4 740473A3	TAG/SERIAL NO	++
70 71 65 73	Z40464A4 Z40473A3 Z40998A9	TAG/SERIAL NO DECAL-12V BATTERY	
70 71 65 73	Z40464A4 Z40473A3 Z40998A9 784897A3	DECAL-LOAD CAP 1500 TAG/SERIAL NO DECAL-12V BATTERY FTG STR 2700-4-4-1 N	
70	F51055	PIN-CLEVIS LOO PL PD TOP-CRIL BOX/PL PD SH1-14G/FUSE JUMPER RD-63/AXLE TILLER BOLT-AXLE/PD HYD 1/2-13X3.50 SL WLDM1-78/PD/JUG3 SL WLDM1-78/PD/JUG3 SL WLDM1-78/PD/JUG3 CARRIAGE AND CLAMP/PL PD UG3 RIR CHAIN ASSY-84 SPROCKET ASSY-50C 18 BRG 1.01 PLUG ASSY-12SV P-65OL/SPORT 24V CYR CNIR WLDM1/POWER DRIVE PUMP MNI WLDM1/POWER DRIVE PUMP MNI WLDM1/POWER DRIVE FUMP MNI WLDM1/POWER DRIVE GROMMEI-62SID SBR BATIERY-12V 80AH SEALED LEAD CHRGR-BAITERY 12/24 120VAC NUT-HEX KEPS 5/16-18 NUT-NYL NE 1/4-20 PIN-SPG 1/4X1-1/2 S-HHC 1/4-20X1-1/4 S-HHC 5/16-18X1-1/4 S-HHC 5/16-18X1-1/3 S-RHM #10-24X1/2 WASHER-3/8 1-GX1 S-RHM	1 4

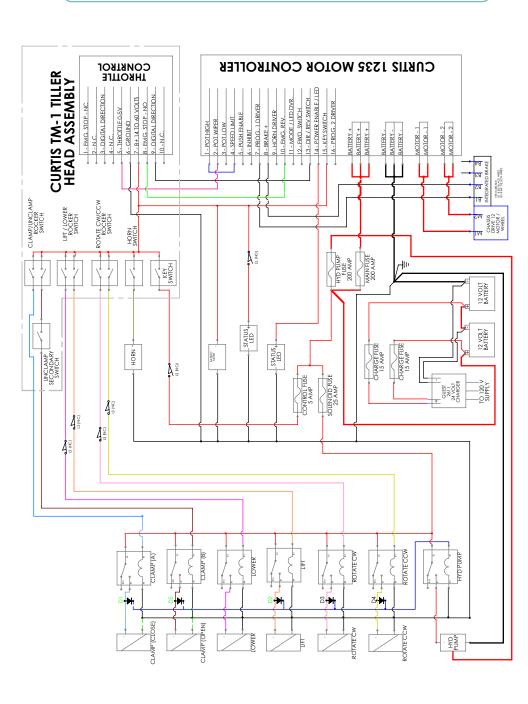


ITEM NO.	PART NUMBER	DESCRIPTION	Def ault /QT Y
1	F51289	TOP SPROCKET GUARD PL PD UG3	1
2	F51290	BTTM SPROCKET GUARD PL PD UG3	1
3	F51291	NYLON SPACER 3IDX4.50DX.125	2
4	F51292	ROTATE JAM NUT	2
5	F60550A1	UG-JAW ASSY 15-30 PL PD	1
6	F60551A2	BACK SECT WLDMT/UG3 PL PD	1
7	Z10048A2	NUT-NYL NE 1/2-13	2
8	Z10166A8	S-HHTC #10-24X1/2	12
9	Z10331A8	WASHER-1/2 FLAT SAE	2
10	Z10620A4	S-HHC 1/2-13X2 GR 5	2
11	Z11559A4	S-SHCS 1/4-20X1-1/2 SS W/PATCH	2
12	Z20656A6	MOTOR-HYD/SAE	1
13	Z20701A3	FTG 90 6801-6-10 NWO	2
14	Z20869A2	VEKTEK ROTATOR 32-2242-01	1
15	Z30400A2	SPROCKET-SM W/SHS	1
16	Z31607A8	BRG-BRZ 3 IDX3.50DX2" LONG	1
17	F51484	WASHER-4-1/2ODX3IDX3/16	1
18	Z20615A7	FTG STR 6400-4-4-0	4
19	F30197A5	GHAIN-RS50/43-1/2"	1



CYL PIN 1.25 UG3 FRT SECT	ITEM		DESCRIPTION	EXP
F30401	NO.	NUMBER		VIEW/QTY.
3 F50438 SHT-19/UG3 JAW ASSY SPRG CLIP 4 4 F51279 SPCR PLATE RD UG3 PL PD 1 5 F51281 SPROCKET-LRG BORE UG3 PL PD 1 6 F60449A0 ARM WLDMT UG PL PD UG3 1 7 F68824A2 UG-JAW-SADDLE WLDMT-15-30 1 8 F68825A3 UG-JAW-WLDMT-18-28 2 9 F68832A0 UG-JAW-PIN WLDMT-20-35 2 10 Z10026A8 NUT-HEX JAM 3/8-16ZP 4 11 Z10202A4 WASHER-3/8 FLAT SAE 8 12 Z10214A0 WASHER-3/8 LOCK MD 4 13 Z10438A0 S-BHCS 1/4-20X3/4 BLK 10 14 Z10534A4 RING-RTNG 1-1/4 6 15 Z10592A2 BUSH-MACH 1-1/4X10GA 6 16 Z11484A3 CONNECTOR 3/8-16 SPRING 4 17 Z11485A2 SPRING-EXTENSION 1.00X,14X8.00 4 18 Z20616A6 FTG 90 6801-4-4 NWO 2 19 Z20830A3 BRG-BRZ-FLG 1.25X1.50X1.50 4 21 Z20845A8 CYL ASSY-UG3 CLAMP 1.13ROD 1	1	F50401	(KANBAN)	2
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17 Z11485A2 SPŘÍNG-EXTENSIÓN 1.00X.14X8.00 4 18 Z20616A6 FTG 90 6801-4-4 NWO 2 19 Z20813A0 GROMMET-,75IDX1.06HOLEX.25TH 2 20 Z20830A3 BRG-BRZ-FLG 1.25X1.50X1.50 4 21 Z20845A8 CYL ASSY-UG3 CLAMP 1.13ROD 1		Z10592A2		6
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21 Z20845A8 CYL ASSY-UG3 CLAMP 1.13ROD 1	1.7	Z20813A0	CITCHINIE WOLD THING ELECTION	2
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22 Z11562A7 S-SHC.3/8-16X2 4		Z20845A8	<u>CYL ASSY-UG3 CLAMP 1.13ROD</u>]
	_22	Z11562A7	\$-\$HÇ3/8-16X2	4





Warranty and Limitation of Liability

Valley Craft products are warranted for a period of one (1) year from date of shipment from Valley Craft's plant to be free from defects in material and workmanship under correct use, normal operation and proper application. However, parts of other than Valley Craft manufacture are subject ONLY to the original manufacturer's warranty. Valley Craft's obligation under warranty shall be limited to repair or exchange, at Valley Craft's option, FOB origin factory, of any Valley Craft product or part which proves to be defective as provided herein. Valley Craft reserves the right to either inspect the product at Buyer's location, or require it to be returned to the factory for inspection. The warranty contained herein does not extend to goods damaged, or subject to accident, abuse or misuse after shipment from Valley Craft's factory, nor to goods altered or repaired by anyone other than an authorized Valley Craft representative.

Buyer or user shall not alter, modify or use a Valley Craft product for anything other than its intended function. Valley Craft shall not in any way be responsible for the consequences of any such alteration, modification or misuse.

VALLEY CRAFT MAKES NO EXPRESS WARRANTIES OTHER THAN THOSE WHICH ARE SPECIFICALLY DESCRIBED HEREIN. Any description of the goods sold hereunder, including any references to Buyer's specifications and any descriptions in catalogs, circulars and other written material published by Valley Craft, is for the sole purpose of identifying such goods and shall not create an express warranty that the goods shall conform to such descriptions.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY STATES VALLEY CRAFT'S ENTIRE AND EXCLUSIVE LIABILITY AND BUYER'S EXCLUSIVE REMEDY FOR ANY CLAIM OR DAMAGES IN CONNECTION WITH VALLEY CRAFT PRODUCTS, THEIR DESIGN. SUITABILITY FOR USE, INSTALLATION OR OPERATION OR FOR ANY CLAIMED DEFECTS. VALUEY CRAFT WILL IN NO EVENT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER, NOR FOR ANY SUM IN EXCESS OF THB PRICE RECEIVED FOR THE GOODS FOR WHICH LIABILITY IS CLAIMED.

Technical Assistance/Warranty Procedure

What's Covered:

- Parts and Labor to correct manufacturer's defect within one year of purchase.
- Freight Cost

What's Not:

Normal wear items (seal kits, bearings, tires, etc.)

What Voids the Warranty:

- Dirt/Grime that directly causes malfunction of product
- Abuse (i.e. Overloading, damaged, not property maintained, etc.)
- Product altered by customer

*See "Items not Under Warranty" below for items that have the warranty voided.

Items Under Warranty (less than one year old):

 Warranty replacement parts are provided only when the problem can be identified with near certainty. If not, the customer will return item to Valley Craft, freight collect, for troubleshooting and/or repair. When repaired, product will be returned to customer,



Valley Craft is a modern metals fabricating manufacturer specializing in material handling, storage and specialized solutions designed with safety and usability in mind, and the simplification of even the heaviest of workloads. Since developing the first hand truck with a brake in 1952, Valley Craft has been a true pioneer in safety-conscious material handling and solution-driven products. Our commitment to continuous improvement in a Lean Manufacturing environment results in safe, functional, quality equipment at affordable prices.

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