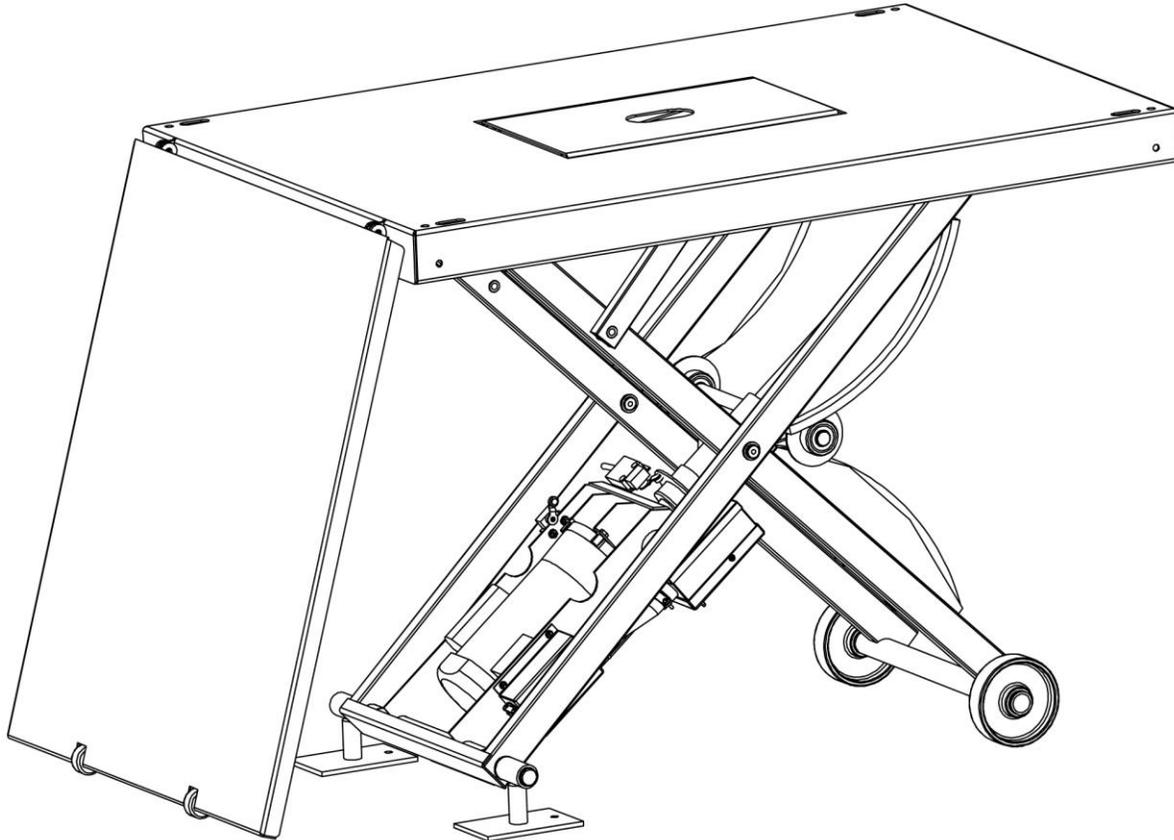




# DUAL LIFT

λ INSTRUCTIONS λ PARTS DRAWING λ PART LIST  
ITEM # 22300

**⚠ WARNING: READ INSTRUCTIONS BEFORE OPERATING**



- 1. This is for operation on a 115v 60 Hz circuit only.**
- 2. Do not remove ground prong from plug.**
- 3. Center load on table 750 lbs. maximum.**
- 4. Keep hands and tools from under carriage.**
- 5. Do not mount table when in elevated position.**

## Limited Lifetime Warranty

Handy, Division of Janco Industries, Inc. is providing a limited lifetime warranty on its motorcycle lift line. This Lifetime Limited Warranty is available on lifts that have a serial number the same as or greater than those listed. Standard 1000 air and electric #ST 0138, SAM 1000 air and electric #S 0082, SAM2 1000 air #S2 0020, BOB 1500 air #B 0100, Electric/Hydraulic 1500 #H 0008, Gruntavore 1800 #GR 0004, B.U.L. (all serial numbers), Dual Lift (all serial numbers). The purchaser must provide Handy with a legible copy of the purchase receipt to obtain this warranty. The purchaser must provide Handy notice of the defect and establish that the equipment was properly set up, maintained and operated within the limits of rated and normal usage. Handy, Division of Janco Industries, Inc. reserves the right to have its product shipped back to the factory for inspection to ensure the lift was not being used above its rated limits and capacity. The purchaser is responsible for freight charges until a determination is made by Handy. Handy will reimburse the purchaser if it is determined that he or she was not using lift above the rated capacity. This warranty covers the structure of the following models of Handy lifts: Standard 1000, SAM 1000, SAM2 1000, BOB 1500, Electric/Hydraulic 1500, Gruntavore 1800, B.U.L., Dual Lift. Attachments for these lift models are not included in the limited lifetime warranty. This warranty only covers the structure of the lift itself. It does not cover any cost of labor, transportation, freight, installation, misuse, abuse, or rust or failure of the air cylinder and/or foot pedal due to rust and or moisture. Also excluded in this warranty are items that were purchased for the Handy lift and installed on it at the factory such as electric motors, hand-held pendants and bearings. Parts considered wearable carry a 90-day warranty. All other parts excluded from the lifetime warranty carry a 1-year warranty from time of purchase. If the lift is purchased from a unauthorized distributor, eBay or other online service, you are not eligible to receive the limited lifetime warranty for the structure of the lift. This warranty is only offered to the original purchaser and is non-transferable. It must be purchased from Handy, Division of Janco Industries, Inc. or one of its authorized distributors.



**NOTE: READ ENTIRE MANUAL TO COMPLY WITH ALL SAFETY AND SERVICE PRECAUTIONS. DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY OCCUR UNLESS INSTRUCTIONS ARE FOLLOWED CAREFULLY.**

## **POWER SUPPLY**

This lift is for operation on 115 volt, 60 Hz only. Check outlet voltage before plugging in the equipment.

**▲ WARNING: This lift is equipped with a 3-prong plug which must be plugged into a grounded 115 volt, 60 hz power supply for your safety. Removing ground prong from plug or failure to plug into a grounded receptacle may result in a fatal electrical shock.**

## **UNPACKING AND SET-UP**

1. Remove carton and the shipping foam. Remove ramp located underneath of lift.
2. Plug power cord into 115 volt power supply and raise lift.
3. Remove anchor bolts in feet to remove lift from pallet.
4. Install ramp wheels onto ramp using the provided 1/4" bolts and nuts.
5. Hang the ramp onto the lift top with the provided 3/8" bolts and nuts. The tabs on the lift top should go in between the tabs on the ramp.

## **OPERATION - LUBRICATION**

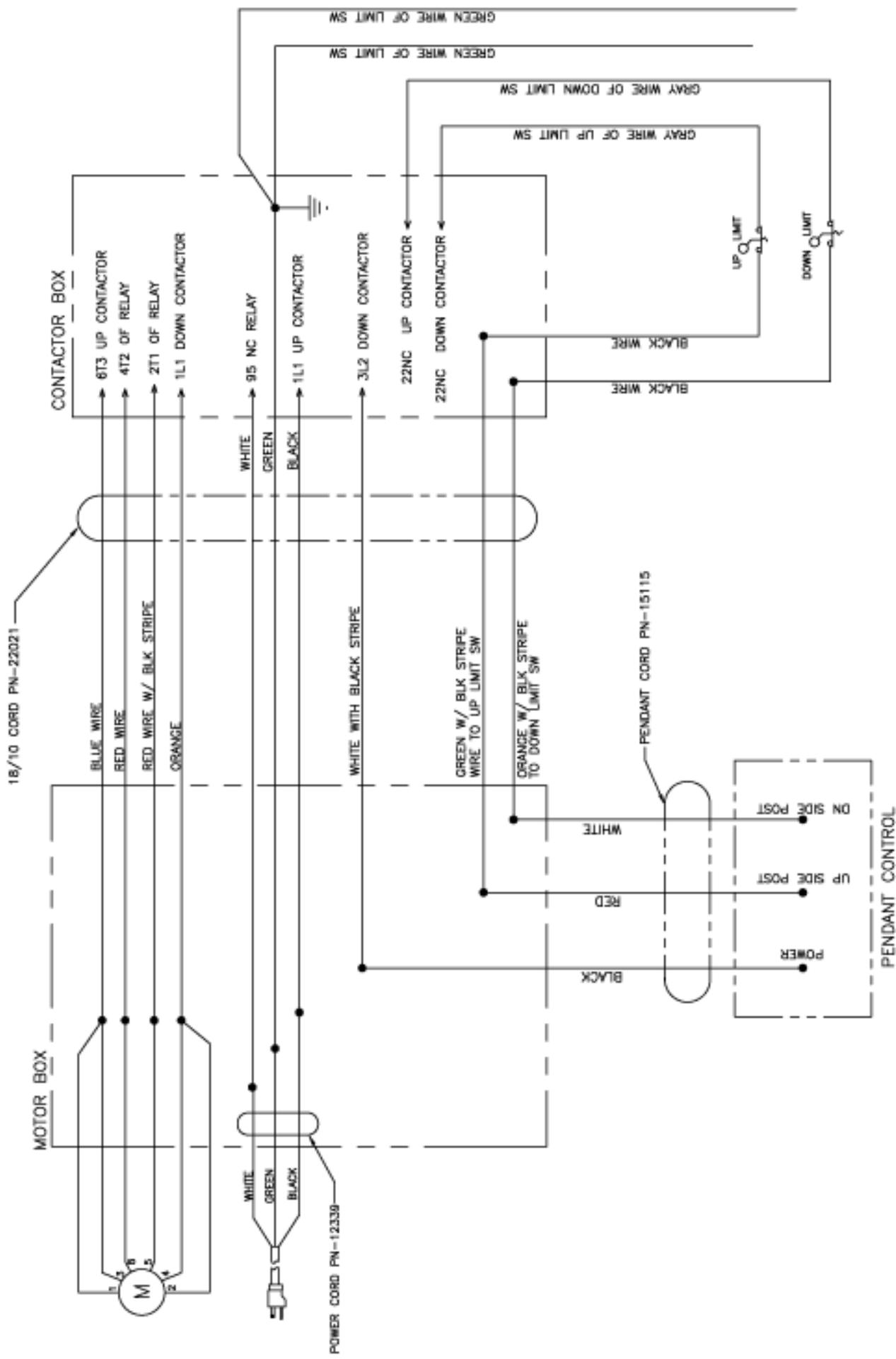
1. **LOADS MUST BE CENTERED AND FIRMLY POSITIONED ON THE TABLE AT ALL TIMES. ALWAYS MAKE SURE SECONDARY LIFT IS DOWN WHEN OPERATING PRIMARY LIFT.**
2. The drive screw and all moving parts have been lubricated at the factory and should be re-lubricated every 500 cycles. A light coating of grease should be applied to the drive screw to prevent galling. Grease zerks are located at each scissor pin.
3. The motor and gear box were factory lubricated.

## **INSTALLING**

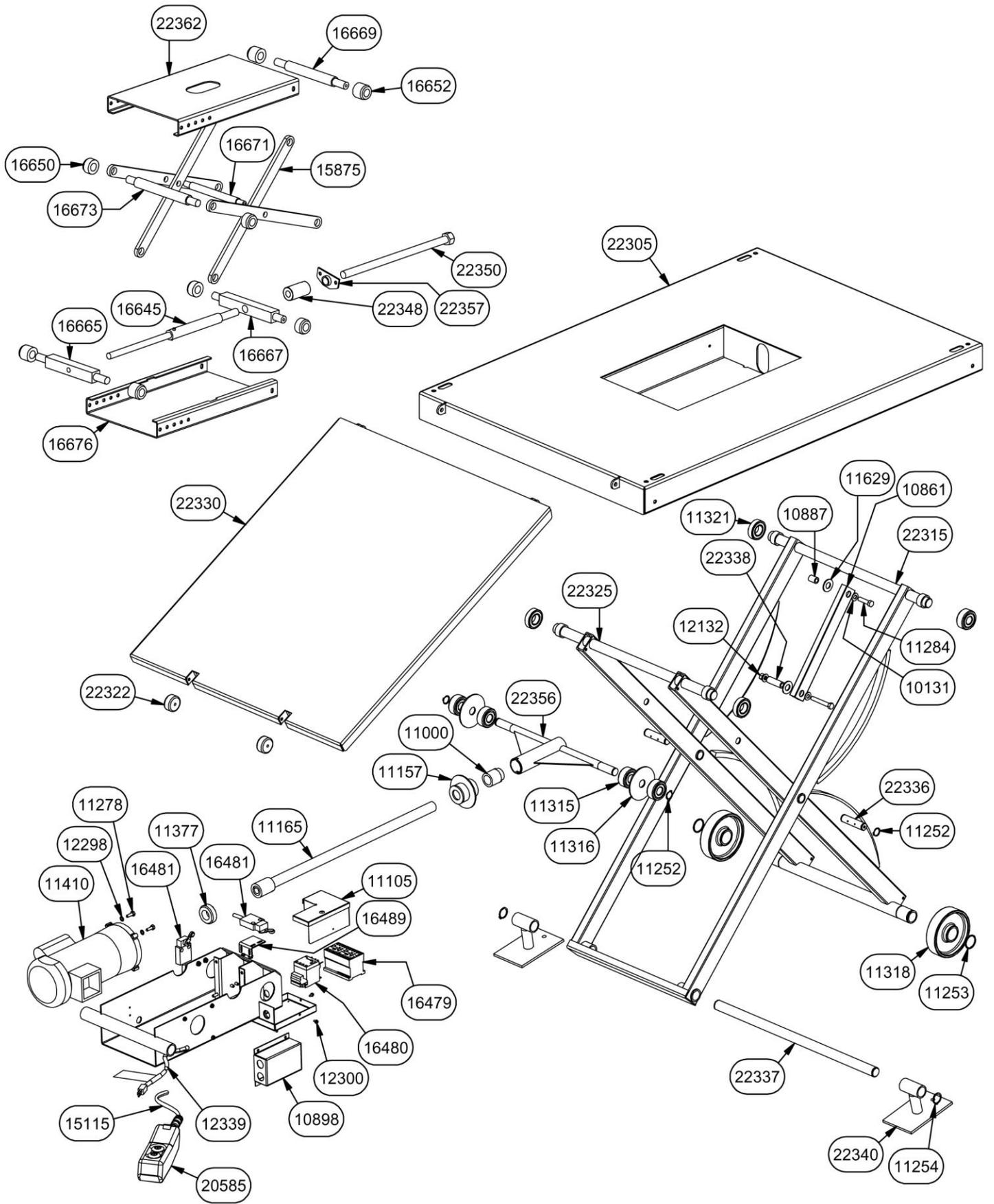
The drive train components have been burnished in to give a tight, well working fit and will be stiff for the first few cycles. If drive screw should seize, put a few drops of oil on screw and cycle a few times. If motor should pull down or hum, **TURN OFF IMMEDIATELY**. Check to see if drive screw is free. Check for a loose connection on all terminals. A loose connection will cause motor to hum and not run.

### **SPECIFICATIONS**

Max height	37" primary + 6" secondary
Min height	11"
Primary platform	32" x 48"
Secondary platform	10" x 17"
Capacity	750 lbs
Ramp	30"W x 34"L
Motor	115v 60 hz
Cycle time	20 seconds
Weight	300 lbs.



# WIRING DIAGRAM



**DRIVE ASSEMBLY PARTS LIST**

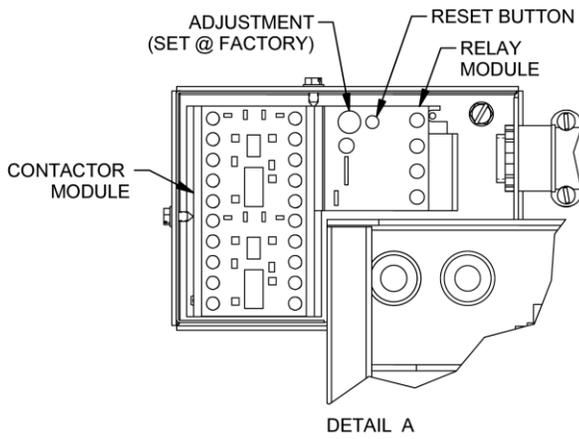
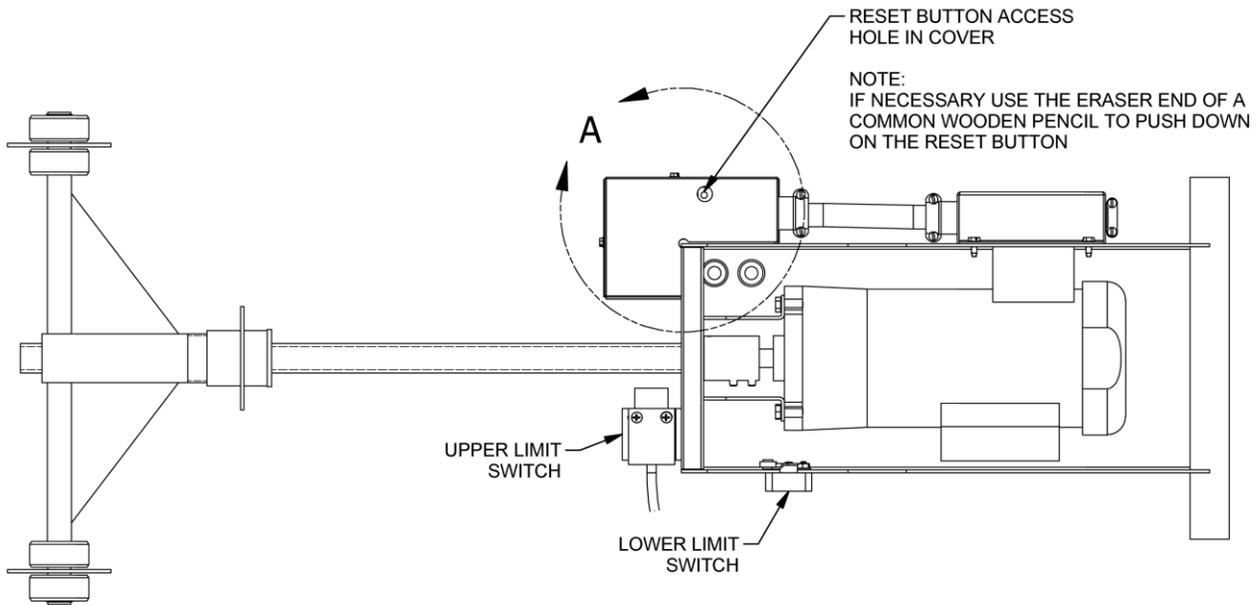
QTY	PART No.	DESCRIPTION
1	10898	BOX JUNCTION
1	11000	ACME NUT
1	11105	ELECTRIC MODULE COVER
1	11157	NUT COUPLING ASSY
1	11165	SCREW ACME
2	11252	RING RETAINING CAM BEARING
4	11278	SCREW 1/4-28D 3/4HHCS PLTD
4	11315	BEARING CAM ROLLER 5304-2RS
2	11316	SPACER CAM BRG 13/16X1/8X3 1/2 F/W
1	11377	BEARING THRUST D9
1	11410	MOTOR 1/3HP 172RPM 33E739W126K1
4	12298	LOCKWASHER 1/4 INTERNAL TOOTH
1	12339	6 FT POWER CORD
1	12419	HOSE 1/2 PUSHLOK
1	15115	PENDANT CORD
1	16479	CONTACTOR LC2 K0601F7
1	16480	RELAY LR2K0314
2	16481	LIMIT SWITCH
1	16489	BRACKET UPPER LIMIT
1	20585	CONTROL PENDENT
1	22345	YOKE ASSEMBLY

**LIFT ASSEMBLY PARTS LIST**

QTY	PART No.	DESCRIPTION
4	10131	WASHER FLAT STD 3/8
2	10861	IDLER ARM PIVOT
2	10887	TUBE SPACER
4	11252	RING RETAINING 3/4
2	11253	RING RETAINING WHEEL 1 5/16
2	11254	RING RETAINING 1
2	11284	SCREW 3/8-16 X 1 1/2 HHCS
2	11285	SCREW 3/8-16 X 2 1/2 HHCS PLTD
1	11315	BEARING CAM ROLLER 5304-2RS
2	11319	WHEEL CAST
4	11321	BEARING TRACK ROLLER 1641-2RS
4	11629	WASHER 3 5/8 PLATED
1	12132	3/8 HEX NUT
1	22305	TOP ASSEMBLY
2	22322	2" RAMP WHEEL
1	22330	RAMP ASSEMBLY
2	22336	SHAFT FRAME PIVOT
1	22337	ROLLER SHAFT
2	22338	IDLER PIVOT TUBE
2	22340	FOOT ASSEMBLY

**SCISSOR JACK ASSEMBLY PARTS LIST**

QTY	PART No.	DESCRIPTION
2	11260	3/16 ROLL PIN
1	11352	THRUST BEARING
4	12128	5/16-18 X 3/4 BOLT
6	12772	5/16 FLAT WASHER
4	15875	SCISSOR ARM
4	16650	OUTSIDE ROLLER
4	16652	INSIDE ROLLER
1	16645	SCREW WELD ASSEMBLY
1	16665	BLOCK UPPER ROLLER
1	16667	SUPPORT BLOCK
1	16669	PIN PIVOT
1	16671	CENTER PIN
1	16673	PIN BOTTOM ROLLER
1	16676	BOTTOM PLATE
2	17505	5/16-18 X 1 BOLT
1	22348	HANDLE COUPLER
1	22350	JACK HANDLE EXTENSION
1	22357	JACK SCREW HANGER
1	22362	TOP PLATE



## DUAL LIFT CONTROL SYSTEM