# S-450D/P & S-650D/P

Auto Opening with Pressure Readout 15"x15" & 16"x20" Heat Transfer Machines

## **OWNER'S MANUAL**

The S-450D/650D will be replaced by the S-450P/650P Models. These Models are auto open. That is they close manually and open after your preset time. The P model has the added feature of a digital pressure readout. Simply set the pressure number established for your transfer application for reproducible pressure settings every time.



## CORPORATION

For Customer Service, Call 1-800-835-0606 ext. 209, ext. 211, ext. 220, ext.221 or Visit www.hixcorp.com

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**BEFORE** warranty repair you MUST get Prior Authorization:

## **RECEIVING AND INSTALLATION**

### **UNPACKING & INSPECTION**

Remove packing material and tape. Remove bolts holding machine to bottom board. Inspect your machine for hidden shipping damage. Contact the delivery company immediately, should you find damage.

CAUTION: Handle must be tied to base before moving or shipping.

## SHIPPING OR RETURNS

NOTE: Save all of your shipping/packing materials.

DO NOT RISK COSTLY SHIPPING DAMAGE!

SHIP ONLY IN ORIGINAL BOX.

- 1. Fasten machine to plywood shipping base with bolts provided.
- 2. Tie or tape handle securely to base.
- 3. Place in original box, and put side liner and top liner in place. Fold in flaps and seal the box.

(Additional bottom boards, box and liners may be obtained from your supplier for a nominal cost.)

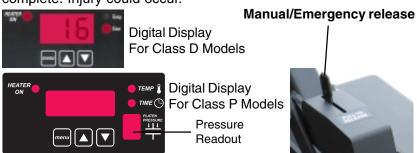
### **INSTALLATION**

Plug the machine into the correct grounded electrical outlet.

WARNING: When using an extension cord, use 12 or 14 ga.-3 conductor. Maximum length, 25' (7.62 m).

## **OPERATION**

Your semi automatic press features Automatic Opening at the end of each count down timer setting. The press will simply release and open. **DO NOT** pry or try to open press, there is an emergency release lever atop the handle if you ever need to interrupt the countdown and get the press open. **CAUTION:** Do not lean over press when cycle is complete. Injury could occur.



#### **TEMPERATURE & TIME INSTRUCTIONS**

- Turn on the machine by pushing the on/off switch.
- To change or set the temperature, press the menu button on the digital control. The light next to "TEMP" will light. Press the up ▲, or down ▼, button to your desired setting.
- To change or set the time, press the menu button a second time on the digital control. The light next to "TIME" will light. Press the up ▲, or down ▼, button to your desired setting.
- 4. When you have your desired settings press the menu button a third time to lock in your settings otherwise the machines previous settings will revert back.
- 5. When the machine reaches the preset temperature, the controller will beep once. Machine is now ready to use.
  Note: The controller has a high temperature alarm. If the machine temperature ever exceeds 460° F (238C) then the controller will beep continuously to alert the operator.

#### **PRESSURE**

- The pressure control knob, located on the top of the machine, should be set so that the heat head will lock down firmly.
- Pressure is reduced by turning knob (with machine open) counterclockwise and increased by turning it clockwise.



## **OPERATION**

3. The amount of platen pressure can be monitored on the controller with the display labeled "Platen Pressure." A value between 0-9 will be displayed when the machine is closed indicating the amount of platen pressure on the machine. Values of 0-3 indicate "light" pressure, 4-6 "medium" pressure and 7-9 "heavy" pressure. If the value exeeds 9 then a "-" will appear in the display indicating that the maximum value that can be displayed has been exceeded.

**NOTE:** Adjustments may be required from one garment to another and will vary to achieve the desired result.

CAUTION: Excessive pressure can cause structural damage, voiding the machine warranty!

#### TRANSFER APPLICATION

- 1. Set the temperature, time, and pressure to the desired settings as instructed on page 3. **Always** consult your specific transfer manufactures recommendations.
  - Successful transfer work depends on the correct balance of time, temperature and pressure. The type and thickness of the material and the kind of transfer being used will determine what settings are necessary. Always "pretest" a new transfer (or if unknown settings) on "pellon" or scrap garment before applying to a new garment to avoid unnecessary spoilage.
- 2. Align garment on the lower platen and smooth out the wrinkles.
- 3. Position the transfer and close the machine.
- 4. Pull operating handle down, locking the machine closed. After the designated time has elapsed, the machine opens automatically. If you want to open the machine before the timer has counted down to "0", pull the release lever on the top of the machine's arm. (See Page 3)
- 5. Continuously peel the paper off the transfer (away from your garment). **NOTE:** Do not fold the transfer back on itself.
  - If a hot peel/split transfer is being applied, **immediately peel** the paper after the machine has opened. DO NOT allow the transfer to cool. If a cold peel transfer is being applied, rub the transfer with an eraser or cloth and allow to cool for 5-10 seconds before removing the release paper.

Specific application instructions are enclosed with each transfer.

## **MAINTENANCE**

### Lubrication

**NOTE:** Unplug the machine before lubricating.

Your press requires lubrication every 6 months. Using 3-in-1 oil (available from your hardware store), add one to two drops of oil on all moving parts.

## Cleaning The Heat Platen

Unplug the machine.

After cooling you may clean the heat platen with steel wool, scrubby, scouring pad/warm water or fine wire brush.

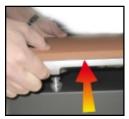
## **PLATEN REMOVAL**

Your press comes standard with a removable 15"x15" (450) lower platen or a removable 16"x20" (650) lower platen. They are both interchangeable with a specificly designed lower platens. Interchangeability is quick, simple and tooless.

- Remove pin (Fig. A). Grasp the lower platen with both hands and lift both sides upward in a slow, smooth and even motion. Again, lift both sides evenly to insure easy removal of the platen. (Fig. B)
- By using the same process in reverse you can place the desired platen back onto the press.



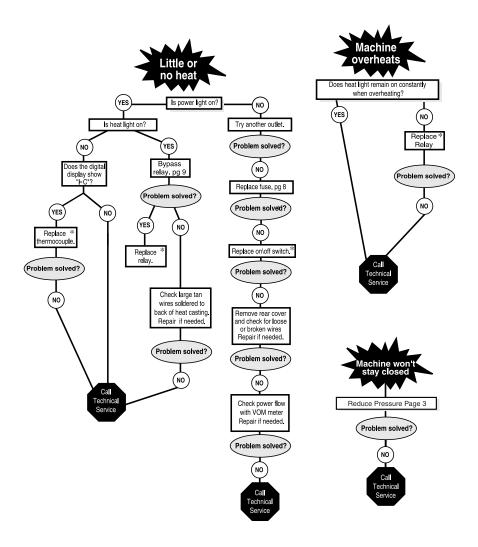
(Fig. A)



(Fig. B)

### TROUBLESHOOTING

WARNING: Before making repairs, be sure on/off switch is off and machine is unplugged!

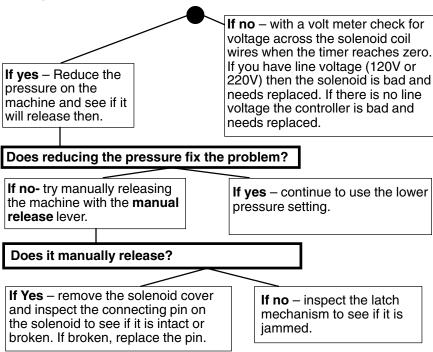


<sup>\*</sup>Customer Service Tech Sheets are available for this step. Visit www.hixcorp.com to print or call 620-231-8568 and we will send you one. Parts ordering is available on-line.

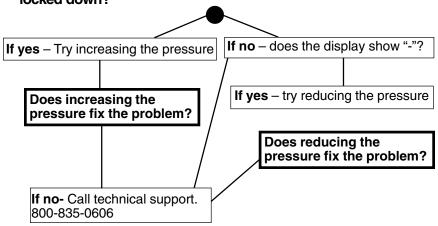
## **TROUBLESHOOTING**

Problem: Machine won't release at the end of time.

Q. Do you hear the solenoid click when the timer reaches zero?



**Problem:** Platen pressure indicator not working properly. **Q. Does the platen pressure display show "0" when the press is locked down?** 



## **REPAIRS**

### **FUSE REPLACEMENT**

## WARNING: Before making repairs, be sure on/off switch is off and machine is unplugged!

- 1. Remove back cover of the machine and locate internal fuse holder on inside of the machine. (See page 9 for diagram)
- 2. Remove blown fuse. Replace with the proper fuse. S-450D/P & S-650D/P: 120V=MDA-15; 220V=MDA-10
- 3. Replace back cover of machine.

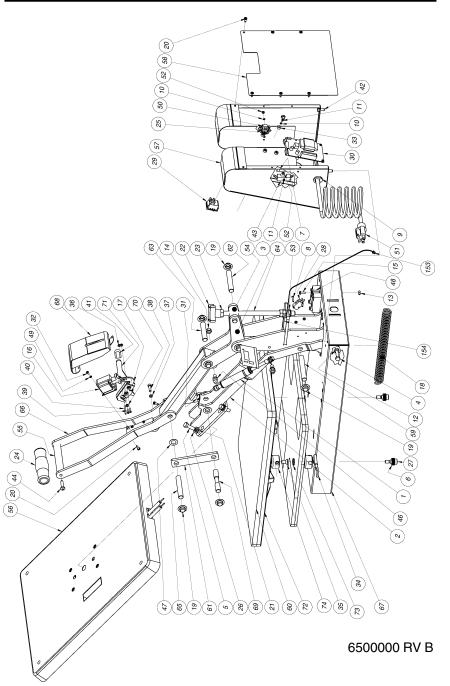
## **RELAY BYPASS**

## WARNING: Before making repairs, be sure on/off switch is off and machine is unplugged!

- Remove the back cover of the machine.
- 2. Remove wire #26 from terminal #2 on relay.
- 3. Loosen terminal #1 on relay and replace wire #26 along with wire #12 under terminal #1.
- 4. Tighten the connection.
- 5. Plug machine in and turn the power switch on.

**NOTE:** Replace the relay if the machine starts heating. This is a test only. Do not operate machine with relay bypassed.

## PARTS IDENTIFICATION



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		ION	
K	<b>EY:</b> 220V Only* Custom Part** N	Not Shown SN= Serial Numb	er
#	DESCRIPTION	Part # Q	ty.
1	GAS SPRING	15753	1
	MAIN ARM WELDMENT	A0100001**	
	ROCKER LINK	10502	2
	BOLT 1/4-20x1-3/4 ZP	10710	2 2
	BOLT 5/16-18x1	10769	4
6	WASHER SPG STL .38x.75x.034	12386	12
	FUSE 15A	13045	1
7	FUSE 10A	76752*	2
8	SCREW MCH 4-40x3/4 ZP	13103	1
	CORD GRIP	13250	8
10	LOCK WASHER #4	13919	8 7
	SCREW MCH 4-40x1/4 ZP	14524	4
12	NUT HEX 1/4-20 ZP	14548	4
13	NUT HEX 10-24 ZP	14563	4 2 4
14	NUT HEX 5/16-18 ZP	14605	4
15	SCREW MCH 10-24x1/2 ZP	15339	1
	SOLENOID, 120v PULL	15751	1
16	SOLENOID, 220v PULL	15752*	1
17	ROTARY LATCH	15754	1
18	EXTENSION SPRING	15834	1
	NUT PUSH .500	20214	10
20	SCREW TAP-B PHPH 8x1/2 ZP	21482	11
	WASHER-0.344x0.6875x0.0625	24732	4
	PLASTIC KNOB	25143	1
	NUT JAM 1/2-20 ZP	25151	3
24	HANDLE GRIP FOAM	26840	1 2
25	SCREW MCH 4-40x1/2 ZP	29807	2
	WASHER LOCK 5/16	30910	1 4
27	SCREW SHOULDER .375x.500	30929	2
	LIMIT SWITCH	31823	1
29	ROCKER SWITCH	32581	1
	ROCKER SWITCH 220v	33754*	
30	CONTROL TEMP CVC PDB BOARD	34681	1
	FOR THE S-450D & S-650D MODELS	34711	1
30	CONTROL TEMP CVC PDB BOARD	38385	1
	FOR THE S-450P & S-650P MODELS	38393	1
30	CONTROL DYN HTM (both required)	65315	1
	RELAY SS 50A 90-280VAC INPUT	84368 (before SN 650-1081)	1
31	BUMPER 1/8x1/2 SQ BLK RUBBER	35408	2
32	SCREW MCH PH PHIL 6-32 x 1/4 ZP	36587	4
	SPACER .171X.375X.188 NYLON	36595 (after SN 650-1081)	4
	PIN DETENT 0.250x1.300 STL ZP	36811	1 1
	SCREW FHSKT CAP 5/16-18x5/8	36846	2
	NUT, 4-40 NYLON LOCK	36951	2
	WASHER LOCK #6 SPLIT ZPS	36978	2
	SCREW SHCS M5x0.8x20MM BLK	36986	2
	SCREW SHCS 4-40x0.500	36994	2
	PIN DOWEL 1/8x1-1/4 HARD GRND	37001	1
41	CAP 0.125x0.50x1.00 BLK VINYL	37028	1

## PARTS IDENTIFICATION

# DESCRIPTION Part # Qty.  42 SCREW HX WH THR CUT .25-20x.50 50181 2 43 FUSE HOLDER 57118 1  44 SCREW 14x0.125 TAP ZP 59816 2 45 DECAL TEMP-TIMER 62944 1  46 BALL STUD 63428 2  47 WASHER AN .515x.625x.032 SS 64203 6  48 RELAY SS 50A 3-32VDC INPUT 65897 1  48 RELAY SS 25A 3-32VDC INPUT 62731* 1  49 WASHER AN .515x.625x.032 SS 64203 4  50 TERMINAL BOARD 2KT 72223 1  51 CORDSET 74609 1  51 CORDSET 74609 1  51 CORDSET 74609 1  51 CORDSET 800 100001** 1  52 NUT HEX 4-40 ZP 81224 5  53 NUT 1/2-20 NYLON INST 89078 1  54 BLOCK, ADJUSTMENT 400-600 0100001** 1  55 HANDLE 2507074** 1  56 PLATEN ASSY 120V 16X20 6000100** 1  57 ENCLOSURE ASSEMBLY 6001000** 1  58 ENCLOSURE ASSEMBLY 6001000** 1  59 MAIN ARM PIN 6102008** 1  60 PAD SILICONE 16x20x1/2 ORG MED 61030005** 1  61 LINK 61050001** 1  65 HANDLE PIN 6105000** 1  66 HANDLE PIN 6105000** 1  67 FRAME WELDMENT ROD 61050000** 1  68 OLENDIC PIN 6105000** 1  69 LINK PIN 6105000** 1  69 LINK PIN 6105000** 1  70 LATCH BUSHING 6500110** 1  71 LATCH BUSHING 65051141** 1  72 LOWER PLATEN 6505003** 1  73 QC LOWER RECEIVER 6505003** 1  154 STRAIN GUAGE COVER 6505012** 1  74 QC LOWER RECEIVER 6505003** 1  75 LOWER PLATEN 6505012** 1  75 LOWER PLATEN 6505012** 1  76 LINK PIN 6505012** 1  77 QC LOWER RECEIVER 6505003** 1  78 QC LOWER RECEIVER 6505003** 1  79 QL OWER RECEIVER 6505003** 1  70 LATCH BUSHING 65051141** 1  71 LATCH RELEASE HANDLE 6505010** 1  73 QC LOWER PIN 6505012** 1  74 QC LOWER RECEIVER 6505003** 1  75 STRAIN GUAGE COVER 6505000** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505000** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505012** 1  85 STRAIN GUAGE COVER 6505000** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6505010** 1  84 PRESSURG FIN 6505012** 1  84 PRESSURG FIN 6				
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43 FUSE HOLDER  44 SCREW 14x0.125 TAP ZP  59816  2 45 DECAL TEMP-TIMER  62944  41 1  68 BALL STUD  63428  2 47 WASHER AN .515x.625x.032 SS  64203  6 88 RELAY SS 50A 3-32VDC INPUT  65897  1 48 RELAY SS 25A 3-32VDC INPUT  62731*  1 49 WASHER LOCK #6 SPLIT ZPS  68330  4 50 TERMINAL BOARD 2KT  51 CORDSET  51 CORDSET  51 CORDSET  52 NUT HEX 4-40 ZP  53 NUT 1/2-20 NYLON INST  54 BLOCK, ADJUSTMENT 400-600  1000001**  55 HANDLE  56 PLATEN ASSY 120v 16X20  57 ENCLOSURE ASSEMBLY  58 ENCLOSURE ASSEMBLY  60 PAD SILICONE 16x20x1/2 ORG MED  61 LINK  61 DEOUS**  61 LINK  61 DEOUS**  61 LINK  61 DEOUS**  62 TOWER PIN  61 S00050**  68 SOLENOID COVER ASSEMBLY  66 BANDLE PIN  66 HANDLE PIN  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  69 LINK PIN  61 S00050**  1 70 LATCH BUSHING  65 SOLENOID COVER ASSEMBLY  66 BOLENOID COVER ASSEMBLY  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  69 LINK PIN  61 S00050**  1 71 LATCH BUSHING  6501141**  1 72 LOWER PLATEN  6505003**  1 73 QC LOWER PIN  65050012**  1 74 QC LOWER RECEIVER  6505013**  2 2 153 STRAIN GUAGE ASSEMBLY  1 84798 *  1 1 1 LATCH HELEAS HANDLE  65050020  1 N/A RESISTOR 5K, 5 WATT  1 N/A HEATSHIELD  8404010***  2 2	#	DESCRIPTION	Part #	Qty.
43 FUSE HOLDER  44 SCREW 14x0.125 TAP ZP  59816  2 45 DECAL TEMP-TIMER  62944  1 1  46 BALL STUD  63428  2 2  47 WASHER AN .515x.625x.032 SS  64203  6 8  48 RELAY SS 50A 3-32VDC INPUT  49 WASHER LOCK #6 SPLIT ZPS  68330  4 9  50 TERMINAL BOARD 2KT  51 CORDSET  51 CORDSET  51 CORDSET  52 NUT HEX 4-40 ZP  53 NUT 1/2-20 NYLON INST  54 BLOCK, ADJUSTMENT 400-600  55 PLATEN ASSY 120v 16X20  66 PLATEN ASSY 120v 16X20  67 PLATEN ASSY 250v 16X20  68 PLATEN ASSY 250v 16X20  69 PLATEN ASSY 250v 16X20  60 PAD SILICONE 16X20x1/2 ORG MED  61 LINK  61 PAD SILICONE 16x20x1/2 ORG MED  61 LINK  61 PAD SILICONE 16x20x1/2 ORG MED  61 HANDLE PIN  61 HANDLE PIN  61 HOSO00**  1 64 PRESSURE ADJUSTMENT ROD  61 BOOSO00**  1 65 PLATCH ASSEMBLY  60 PAD SILICONE 16x20x1/2 ORG MED  61 GOOSO0**  61 LINK  61 HANDLE PIN  61 HOSO00**  1 65 PRAME WELDMENT  66 HANDLE ASSEMBLY  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  69 LINK PIN  61 G105000**  1 70 LATCH BUSHING  65 SOLENOID COVER ASSEMBLY  65 OLENOID COVER ASSEMBLY  71 LATCH BLEASE HANDLE  65 OLENOID COVER ASSEMBLY  72 LOWER PIN  65 OLENOID COVER ASSEMBLY  73 QC LOWER PIN  74 QC LOWER RECEIVER  6505013**  2 153 STRAIN GUAGE COVER  6505020  1 N/A RESISTOR 5K, 5 WATT  N/A HEATSHIELD  8404010***	42	SCREW HX WH THR CUT .25-20x.50	50181	2
44 SCREW 14x0.125 TAP ZP 59816 2 45 DECAL TEMP-TIMER 62944 1 46 BALL STUD 63428 2 47 WASHER AN .515x.625x.032 SS 64203 6 48 RELAY SS 50A 3-32VDC INPUT 65897 1 48 RELAY SS 55A 3-32VDC INPUT 62731* 1 49 WASHER LOCK #6 SPLIT ZPS 68330 4 50 TERMINAL BOARD 2KT 72223 1 51 CORDSET 74609 1 51 CORDSET 74609 1 51 CORDSET 80 81224 5 52 NUT HEX 4-40 ZP 81224 5 53 NUT 1/2-20 NYLON INST 89078 1 54 BLOCK, ADJUSTMENT 400-600 0100001** 1 55 HANDLE 25077074** 1 56 PLATEN ASSY 120v 16X20 6000110** 1 56 PLATEN ASSY 120v 16X20 6000110** 1 57 ENCLOSURE ASSEMBLY 6001000** 1 58 ENCLOSURE BACK COVER 6001006** 1 59 MAIN ARM PIN 6105000** 1 60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105002** 1 63 HANDLE PIN 6105006** 1 64 PRESSURE ADJUSTMENT ROD 6105006** 1 65 PLATEN ASSEMBLY 6001000** 1 66 HANDLE PIN 6105006** 1 67 FRAME WELDMENT 600000** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 69 LINK PIN 61050006** 1 67 FRAME WELDMENT 6500500** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 69 LINK PIN 61050006** 1 67 FRAME WELDMENT 6500500** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 70 LATCH BUSHING 6501141** 1 71 LATCH RELEASE HANDLE 6505012** 1 73 QC LOWER PIN 6505000** 1 74 QC LOWER PIN 65050020 1 75 STRAIN GUAGE ASSEMBLY 47482 1 71 LATCH RELEASE HANDLE 6505012** 2 74 QC LOWER PIN 6505020 1 75 STRAIN GUAGE ASSEMBLY 47482 1 71 LATCH RELEASE HANDLE 6505013** 2 153 STRAIN GUAGE COVER 6505020 1 75 NA RESISTOR 5K, 5 WATT 84798  1 75 NA HEATSHIELD 8404010*** 2	43	FUSE HOLDER	57118	1
45 DECAL TEMP-TIMER  46 BALL STUD  47 WASHER AN .515x.625x.032 SS	44	SCREW 14x0.125 TAP ZP	59816	2
47 WASHER AN .515x.625x.032 SS	45	DECAL TEMP-TIMER	62944	1
47 WASHER AN .515x.625x.032 SS			63428	2
48 RELAY SS 25A 3-32VDC INPUT 49 WASHER LOCK #6 SPLIT ZPS 68330 4 50 TERMINAL BOARD 2KT 72223 51 CORDSET 74609 11 51 CORDSET 74609 52 NUT HEX 4-40 ZP 53 NUT 1/2-20 NYLON INST 54 BLOCK, ADJUSTMENT 400-600 55 PLATEN ASSY 120∨ 16X20 56 PLATEN ASSY 220∨ 16X20 57 ENCLOSURE ASSEMBLY 58 ENCLOSURE BACK COVER 59 MAIN ARM PIN 60 PAD SILICONE 16x20x1/2 ORG MED 61 LINK 6105002** 11 64 PRESSURE ADJUSTMENT ROD 61 HOS004** 15 LINK PIN 61 HOS004** 16 HANDLE PIN 66 HANDLE ASSEMBLY 65 HANDLE PIN 66 HANDLE PIN 66 HANDLE ASSEMBLY 65 HANDLE PIN 66 HANDLE ASSEMBLY 65 HOS004** 10 66 HANDLE ASSEMBLY 65 HOS005** 11 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 65 HOS005** 10 68 SOLENOID COVER ASSEMBLY 65 HANDLE PIN 61 HOS006** 11 68 SOLENOID COVER ASSEMBLY 65 HANDLE PIN 61 HOS006** 11 69 LINK PIN 61 HOS006** 11 60 HANDLE ASSEMBLY 65 HOS0050** 11 61 LINK PIN 61 HOS006** 11 62 LINK PIN 61 HOS006** 11 63 HANDLE PIN 65 HOS0050** 11 64 PRESSURE ADJUSTMENT ROD 65 HOS0050** 11 65 LINK PIN 65 LINK PIN 65 HOS0050** 11 66 HANDLE ASSEMBLY 65 HOS00500** 11 67 FRAME WELDMENT 65 HOS00500** 12 67 FRAME WELDMENT 65 HOS00500** 14 68 SOLENOID COVER ASSEMBLY 65 HOS00500** 15 16 LINK PIN 65 LINK	47	WASHER AN .515x.625x.032 SS	64203	6
49 WASHER LOCK #6 SPLIT ZPS 68330 4 50 TERMINAL BOARD 2KT 72223 1 51 CORDSET 74609 1 51 CORDSET 220V 20028* 1 52 NUT HEX 4-40 ZP 81224 5 53 NUT 1/2-20 NYLON INST 89078 1 54 BLOCK, ADJUSTMENT 400-600 0100001** 1 55 HANDLE 2507074** 1 56 PLATEN ASSY 120V 16X20 6000110** 1 57 ENCLOSURE ASSEMBLY 6001000** 1 58 ENCLOSURE BACK COVER 6001000** 1 59 MAIN ARM PIN 6102008** 1 60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105002** 1 64 PRESSURE ADJUSTMENT ROD 6105005** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 6500100** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 69 LINK PIN 6105006** 1 67 FRAME WELDMENT 6500250** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 71 LATCH BUSHING 6501141** 1 72 LOWER PIN 6505003** 1 73 QC LOWER PIN 6505003** 1 74 QC LOWER PIN 6505003** 1 75 QC LOWER RECEIVER 6505003** 1 154 STRAIN GUAGE ASSEMBLY 47482 1 155 STRAIN GUAGE COVER 6505000 1 1 N/A HEATSHIELD 8404010*** 2	48	RELAY SS 50A 3-32VDC INPUT	65897	1
50 TERMINAL BOARD 2KT  51 CORDSET  51 CORDSET  52 NUT HEX 4-40 ZP  53 NUT 1/2-20 NYLON INST  54 BLOCK, ADJUSTMENT 400-600  55 HANDLE  56 PLATEN ASSY 120v 16X20  57 ENCLOSURE ASSEMBLY  58 ENCLOSURE BACK COVER  59 MAIN ARM PIN  60 PAD SILICONE 16x20x1/2 ORG MED  61 LINK  61 LINK  61 HANDLE PIN  63 HANDLE PIN  64 PRESSURE ADJUSTMENT ROD  65 HANDLE PIN  66 HANDLE ASSEMBLY  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  69 CHATEN ASSY 120v 16X20  6001000**  1 1  66 HANDLE BACK COVER  6105000**  1 2  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  6500100**  1 1  69 LINK PIN  6105000**  1 1  69 LINK PIN  6105000**  1 1  60 HANDLE ASSEMBLY  6500100**  1 1  61 LINK PIN  6105000**  1 1  62 LINK PIN  6105000**  1 1  63 HANDLE ASSEMBLY  6500100**  1 1  64 PRESURE ADJUSTMENT ROD  6105000**  1 1  65 LINK PIN  6105000**  1 1  67 FRAME WELDMENT  65001141**  1 1  70 LATCH BUSHING  6501141**  1 1  71 LATCH RELEASE HANDLE  6505012**  73 QC LOWER PIN  6505000**  1 1  74 QC LOWER RECEIVER  6505010**  2 1  75 STRAIN GUAGE COVER  6505020  1 N/A RESISTOR 5K, 5 WATT  N/A HEATSHIELD  8404010**  8404010***	48	RELAY SS 25A 3-32VDC INPUT	62731*	1
50 TERMINAL BOARD 2KT  51 CORDSET  51 CORDSET  52 NUT HEX 4-40 ZP  53 NUT 1/2-20 NYLON INST  54 BLOCK, ADJUSTMENT 400-600  55 HANDLE  56 PLATEN ASSY 120v 16X20  57 ENCLOSURE ASSEMBLY  58 ENCLOSURE BACK COVER  59 MAIN ARM PIN  60 PAD SILICONE 16x20x1/2 ORG MED  61 LINK  61 LINK  61 HANDLE PIN  63 HANDLE PIN  64 PRESSURE ADJUSTMENT ROD  65 HANDLE PIN  66 HANDLE ASSEMBLY  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  69 CHATEN ASSY 120v 16X20  6001000**  1 1  66 HANDLE BACK COVER  6105000**  1 2  67 FRAME WELDMENT  68 SOLENOID COVER ASSEMBLY  6500100**  1 1  69 LINK PIN  6105000**  1 1  69 LINK PIN  6105000**  1 1  60 HANDLE ASSEMBLY  6500100**  1 1  61 LINK PIN  6105000**  1 1  62 LINK PIN  6105000**  1 1  63 HANDLE ASSEMBLY  6500100**  1 1  64 PRESURE ADJUSTMENT ROD  6105000**  1 1  65 LINK PIN  6105000**  1 1  67 FRAME WELDMENT  65001141**  1 1  70 LATCH BUSHING  6501141**  1 1  71 LATCH RELEASE HANDLE  6505012**  73 QC LOWER PIN  6505000**  1 1  74 QC LOWER RECEIVER  6505010**  2 1  75 STRAIN GUAGE COVER  6505020  1 N/A RESISTOR 5K, 5 WATT  N/A HEATSHIELD  8404010**  8404010***	49	WASHER LOCK #6 SPLIT ZPS	68330	4
51 CORDSET 220v 20028* 1 52 NUT HEX 4-40 ZP 81224 5 53 NUT 1/2-20 NYLON INST 89078 1 54 BLOCK, ADJUSTMENT 400-600 0100001** 1 55 HANDLE 2507074** 1 56 PLATEN ASSY 120v 16X20 6000100** 1 56 PLATEN ASSY 220v 16X20 6000110** 1 57 ENCLOSURE ASSEMBLY 6001000** 1 58 ENCLOSURE BACK COVER 6001006** 1 59 MAIN ARM PIN 6102008** 1 60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105005** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 6500250** 1 68 SOLENOID COVER ASSEMBLY 6500100** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501141** 1 71 LATCH RELEASE HANDLE 650112** 1 72 LOWER PLN 6505000** 1 73 QC LOWER PIN 6505000** 1 74 QC LOWER RECEIVER 6505012** 2 75 STRAIN GUAGE ASSEMBLY 47482 1 150 STRAIN GUAGE ASSEMBLY 47482 1 151 STRAIN GUAGE COVER 6505020 1 1 N/A HEATSHIELD 8404010*** 2	50	TERMINAL BOARD 2KT	72223	1
52 NUT HEX 4-40 ZP 53 NUT 1/2-20 NYLON INST 54 BLOCK, ADJUSTMENT 400-600 0100001** 1 55 HANDLE 2507074** 1 56 PLATEN ASSY 120∨ 16X20 60001100** 1 57 ENCLOSURE ASSEMBLY 58 ENCLOSURE BACK COVER 59 MAIN ARM PIN 60 PAD SILICONE 16x20x1/2 ORG MED 61 LINK 61 LINK 61 D5002** 1 63 HANDLE PIN 63 HANDLE PIN 64 PRESSURE ADJUSTMENT ROD 65 LINK PIN 65 LINK PIN 66 HANDLE ASSEMBLY 650100** 1 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6501141** 1 70 LATCH BUSHING 6505003** 1 71 LATCH RELEASE HANDLE 72 LOWER PIN 650505003** 1 73 QC LOWER PIN 650505000 1 74 QC LOWER RECEIVER 65050000** 2 DVALUE OF THE ASSEMBLY 65050003** 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			74609	
53       NUT 1/2-20 NYLON INST       89078       1         54       BLOCK, ADJUSTMENT 400-600       0100001**       1         55       HANDLE       2507074**       1         56       PLATEN ASSY 120v 16X20       60001100**       1         57       ENCLOSURE ASSEMBLY       6001000**       1         57       ENCLOSURE BACK COVER       6001006**       1         59       MAIN ARM PIN       6102008**       1         60       PAD SILICONE 16x20x1/2 ORG MED       6103005**       1         61       LINK       6105001**       2         62       TOWER PIN       6105002**       1         63       HANDLE PIN       6105004**       1         64       PRESSURE ADJUSTMENT ROD       6105005**       1         65       LINK PIN       6105006**       1         66       HANDLE ASSEMBLY       6500100**       1         67       FRAME WELDMENT       6500250**       1         68       SOLENOID COVER ASSEMBLY       6500500**       1         69       LINK PIN       6501141**       1         70       LATCH BUSHING       6501143**       1         71       LATCH RE			20028*	1
54 BLOCK, ADJUSTMENT 400-600 0100001** 1 55 HANDLE 2507074** 1 56 PLATEN ASSY 120v 16X20 6000100** 1 56 PLATEN ASSY 220v 16X20 6000110** 1 57 ENCLOSURE ASSEMBLY 6001000** 1 58 ENCLOSURE BACK COVER 6001006** 1 59 MAIN ARM PIN 6102008** 1 60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105002** 1 64 PRESSURE ADJUSTMENT ROD 6105005** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 6500250** 1 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501141** 1 71 LATCH RELEASE HANDLE 6502112** 1 72 LOWER PIN 6505003** 1 73 QC LOWER PIN 6505012** 2 74 QC LOWER PIN 6505010** 2 153 STRAIN GUAGE COVER 650500 1 1N/A RESISTOR 5K, 5 WATT 84798  1 1N/A HEATSHIELD 8404010**  2	52	NUT HEX 4-40 ZP	81224	5
55 HANDLE 56 PLATEN ASSY 120V 16X20 56 PLATEN ASSY 220V 16X20 57 ENCLOSURE ASSEMBLY 58 ENCLOSURE BACK COVER 59 MAIN ARM PIN 60 PAD SILICONE 16x20x1/2 ORG MED 61 LINK 61 LINK 6105002** 1 63 HANDLE PIN 64 PRESSURE ADJUSTMENT ROD 65 LINK PIN 66 HANDLE ASSEMBLY 6500500** 1 66 HANDLE ASSEMBLY 6500500** 1 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6501141** 17 LATCH BUSHING 71 LATCH BUSHING 73 QC LOWER PIN 6505002 11 650000000000000000000000000000000000	53	NUT 1/2-20 NYLON INST	89078	1
56 PLATEN ASSY 120v 16X20 6000100**  56 PLATEN ASSY 220v 16X20 6000110**  57 ENCLOSURE ASSEMBLY 6001000**  58 ENCLOSURE BACK COVER 6001006**  59 MAIN ARM PIN 6102008**  10 PAD SILICONE 16x20x1/2 ORG MED 6103005**  61 LINK 6105001**  62 TOWER PIN 6105002**  63 HANDLE PIN 6105004**  64 PRESSURE ADJUSTMENT ROD 6105006**  65 LINK PIN 6105006**  1 66 HANDLE ASSEMBLY 6500100**  67 FRAME WELDMENT 6500100**  68 SOLENOID COVER ASSEMBLY 6500500**  1 69 LINK PIN 6501141**  70 LATCH BUSHING 6501141**  71 LATCH RELEASE HANDLE 6505112**  72 LOWER PLATEN 6505003**  1 73 QC LOWER PIN 6505012**  74 QC LOWER RECEIVER 6505000**  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	54	BLOCK, ADJUSTMENT 400-600	0100001**	1
56 PLATEN ASSY 120v 16X20 6000100**  56 PLATEN ASSY 220v 16X20 6000110**  57 ENCLOSURE ASSEMBLY 6001000**  58 ENCLOSURE BACK COVER 6001006**  59 MAIN ARM PIN 6102008**  10 PAD SILICONE 16x20x1/2 ORG MED 6103005**  61 LINK 6105001**  62 TOWER PIN 6105002**  63 HANDLE PIN 6105004**  64 PRESSURE ADJUSTMENT ROD 6105006**  65 LINK PIN 6105006**  1 66 HANDLE ASSEMBLY 6500100**  67 FRAME WELDMENT 6500100**  68 SOLENOID COVER ASSEMBLY 6500500**  1 69 LINK PIN 6501141**  70 LATCH BUSHING 6501141**  71 LATCH RELEASE HANDLE 6505112**  72 LOWER PLATEN 6505003**  1 73 QC LOWER PIN 6505012**  74 QC LOWER RECEIVER 6505000**  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55	HANDLE	2507074**	1
56 PLATEN ASSY 220v 16X20 6000110** 1  57 ENCLOSURE ASSEMBLY 6001000** 1  58 ENCLOSURE BACK COVER 6001006** 1  59 MAIN ARM PIN 6102008** 1  60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1  61 LINK 6105001** 2  62 TOWER PIN 6105002** 1  63 HANDLE PIN 6105004** 1  64 PRESSURE ADJUSTMENT ROD 6105006** 1  65 LINK PIN 6105006** 1  66 HANDLE ASSEMBLY 6500100** 1  67 FRAME WELDMENT 6500250** 1  68 SOLENOID COVER ASSEMBLY 6500500** 1  69 LINK PIN 6501141** 1  70 LATCH BUSHING 6501143** 1  71 LATCH RELEASE HANDLE 6505012** 1  72 LOWER PLATEN 6505003** 1  73 QC LOWER PIN 6505012** 2  74 QC LOWER RECEIVER 6505001** 2  75 STRAIN GUAGE ASSEMBLY 47482 1  154 STRAIN GUAGE COVER 6505020 1  N/A RESISTOR 5K, 5 WATT 84798 • 1  N/A HEATSHIELD 8404010** • 2	56	PLATEN ASSY 120v 16X20	6000100**	1
58 ENCLOSURE BACK COVER 59 MAIN ARM PIN 6102008** 1 60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105006** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 65 SOLENOID COVER ASSEMBLY 6501141** 1 70 LATCH BUSHING 6501141** 1 71 LATCH RELEASE HANDLE 6505003** 1 73 QC LOWER PIN 6505012** 1 74 QC LOWER PIN 6505012** 2 74 QC LOWER RECEIVER 6505010** 1 1 154 STRAIN GUAGE COVER 6505020 1 1 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 1 1 N/A HEATSHIELD	56	PLATEN ASSY 220v 16X20	6000110**	
59 MAIN ARM PIN 60 PAD SILICONE 16x20x1/2 ORG MED 61 LINK 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105005** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 6505003** 1 73 QC LOWER PIN 73 QC LOWER PIN 6505012** 2 153 STRAIN GUAGE ASSEMBLY 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 N/A HEATSHIELD	57	ENCLOSURE ASSEMBLY	6001000**	1
60 PAD SILICONE 16x20x1/2 ORG MED 6103005** 1 61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105005** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 6500250** 1 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 6502112** 1 72 LOWER PLATEN 6505003** 1 73 QC LOWER PIN 6505012** 2 74 QC LOWER RECEIVER 6505013** 2 153 STRAIN GUAGE ASSEMBLY 47482 1 154 STRAIN GUAGE COVER 6505020 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 N/A HEATSHIELD 8404010**● 2	58	ENCLOSURE BACK COVER	6001006**	1
61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105006** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 65 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 73 QC LOWER PIN 6505012** 2 153 STRAIN GUAGE ASSEMBLY 1 154 STRAIN GUAGE COVER 6505020 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 N/A HEATSHIELD	59	MAIN ARM PIN	6102008**	
61 LINK 6105001** 2 62 TOWER PIN 6105002** 1 63 HANDLE PIN 6105004** 1 64 PRESSURE ADJUSTMENT ROD 6105006** 1 65 LINK PIN 6105006** 1 66 HANDLE ASSEMBLY 6500100** 1 67 FRAME WELDMENT 65 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 73 QC LOWER PIN 6505012** 2 153 STRAIN GUAGE ASSEMBLY 1 154 STRAIN GUAGE COVER 6505020 1 N/A RESISTOR 5K, 5 WATT 84798 ● 1 N/A HEATSHIELD	60	PAD SILICONE 16x20x1/2 ORG MED	6103005**	1
63 HANDLE PIN 64 PRESSURE ADJUSTMENT ROD 65 LINK PIN 66 HANDLE ASSEMBLY 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 73 QC LOWER PIN 74 QC LOWER RECEIVER 153 STRAIN GUAGE ASSEMBLY 1 M/A RESISTOR 5K, 5 WATT 1 N/A HEATSHIELD 61050005** 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			6105001**	2
63 HANDLE PIN 64 PRESSURE ADJUSTMENT ROD 65 LINK PIN 66 HANDLE ASSEMBLY 66 HANDLE ASSEMBLY 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 73 QC LOWER PIN 74 QC LOWER RECEIVER 153 STRAIN GUAGE ASSEMBLY 154 STRAIN GUAGE COVER 155 N/A RESISTOR 5K, 5 WATT 166 E1050005** 1 176 E1050005** 1 177 B105005** 1 178 E1050005** 1 179 CLOWER PIN 150505012** 1 151 STRAIN GUAGE COVER 151 STRAIN GUAGE COVER 152 B404010** 154 STRAIN GUAGE COVER 155 B404010** 1 B404010** 2 B404010** 1 B404010** 2 B40	62	TOWER PIN	6105002**	1
65 LINK PIN 66 HANDLE ASSEMBLY 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 6500500** 1 69 LINK PIN 6501141** 1 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 74 QC LOWER RECEIVER 75 STRAIN GUAGE ASSEMBLY 154 STRAIN GUAGE COVER N/A RESISTOR 5K, 5 WATT N/A HEATSHIELD  6500100** 1 6500100** 1 65050100** 1 1 1 154 STRAIN GUAGE COVER 6505020 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	63	HANDLE PIN		1
66 HANDLE ASSEMBLY 67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 69 LINK PIN 70 LATCH BUSHING 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 74 QC LOWER RECEIVER 75 STRAIN GUAGE ASSEMBLY 10 LATCH BUSHING 6505012** 11 154 STRAIN GUAGE COVER 11 154 STRAIN GUAGE COVER 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64	PRESSURE ADJUSTMENT ROD	6105005**	
67 FRAME WELDMENT 68 SOLENOID COVER ASSEMBLY 69 LINK PIN 70 LATCH BUSHING 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 73 QC LOWER PIN 74 QC LOWER RECEIVER 75 STRAIN GUAGE ASSEMBLY 154 STRAIN GUAGE COVER 157 N/A RESISTOR 5K, 5 WATT 168 SO0500000000000000000000000000000000000	65	LINK PIN	6105006**	1
68 SOLENOID COVER ASSEMBLY 69 LINK PIN 69 LINK PIN 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 6505003** 1 73 QC LOWER PIN 6505012** 2 74 QC LOWER RECEIVER 6505013** 2 153 STRAIN GUAGE ASSEMBLY 154 STRAIN GUAGE COVER N/A RESISTOR 5K, 5 WATT 84798 ↑ 1 N/A HEATSHIELD 8404010** ↑ 2	66	HANDLE ASSEMBLY	6500100**	1
68 SOLENOID COVER ASSEMBLY 69 LINK PIN 69 LINK PIN 70 LATCH BUSHING 6501143** 1 71 LATCH RELEASE HANDLE 72 LOWER PLATEN 6505003** 1 73 QC LOWER PIN 6505012** 2 74 QC LOWER RECEIVER 6505013** 2 153 STRAIN GUAGE ASSEMBLY 154 STRAIN GUAGE COVER N/A RESISTOR 5K, 5 WATT 84798 ↑ 1 N/A HEATSHIELD 8404010** ↑ 2	67	FRAME WELDMENT	6500250**	1
69 LINK PIN  70 LATCH BUSHING  6501143**  1  71 LATCH RELEASE HANDLE  6502112**  1  72 LOWER PLATEN  6505003**  1  73 QC LOWER PIN  6505012**  2  74 QC LOWER RECEIVER  6505013**  2  153 STRAIN GUAGE ASSEMBLY  154 STRAIN GUAGE COVER  N/A RESISTOR 5K, 5 WATT  N/A HEATSHIELD  6501141**  1  1  1  1  1  1  1  1  1  1  1  1	68	SOLENOID COVER ASSEMBLY	6500500**	1
71 LATCH RELEASE HANDLE       6502112**       1         72 LOWER PLATEN       6505003**       1         73 QC LOWER PIN       6505012**       2         74 QC LOWER RECEIVER       6505013**       2         153 STRAIN GUAGE ASSEMBLY       47482       1         154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 ●       1         N/A HEATSHIELD       8404010**●       2	69	LINK PIN	6501141**	
72 LOWER PLATEN       6505003**       1         73 QC LOWER PIN       6505012**       2         74 QC LOWER RECEIVER       6505013**       2         153 STRAIN GUAGE ASSEMBLY       47482       1         154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 ●       1         N/A HEATSHIELD       8404010**●       2	70	LATCH BUSHING		1
72 LOWER PLATEN       6505003**       1         73 QC LOWER PIN       6505012**       2         74 QC LOWER RECEIVER       6505013**       2         153 STRAIN GUAGE ASSEMBLY       47482       1         154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 ●       1         N/A HEATSHIELD       8404010**●       2	71	LATCH RELEASE HANDLE	6502112**	1
73 QC LOWER PIN       6505012**       2         74 QC LOWER RECEIVER       6505013**       2         153 STRAIN GUAGE ASSEMBLY       47482       1         154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 •       1         N/A HEATSHIELD       8404010** •       2				1
74 QC LOWER RECEIVER       6505013**       2         153 STRAIN GUAGE ASSEMBLY       47482       1         154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 •       1         N/A HEATSHIELD       8404010** •       2	73	QC LOWER PIN		2
154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 •       1         N/A HEATSHIELD       8404010** •       2	74	QC LOWER RECEIVER		2
154 STRAIN GUAGE COVER       6505020       1         N/A RESISTOR 5K, 5 WATT       84798 •       1         N/A HEATSHIELD       8404010** •       2				1
N/A RESISTOR 5K, 5 WATT       84798 •       1         N/A HEATSHIELD       8404010** •       2			6505020	1
N/A   HEATSHIELD   8404010**				1
N/A HEATSHIELD INSULATING SPACER 8004013**   2			8404010***	2
			8004013** •	2

### WARRANTY

#### (Effective May 1, 2008)

HIX will automatically register the equipment on the date it was shipped to you or your distributor. If the equipment was not purchased directly from HIX, but through a distributor (either domestic or foreign), please keep a copy of their sales invoice showing the serial number and date it was sold/ shipped to you with this warranty. In this case, we will use the distributor's invoice date as the beginning warranty date. STAPLE A COPY OF YOUR RECEIPT TO THIS WARRANTY and keep in a safe place to provide verification of your warranty should a problem occur. Thank you.

Please fill in the following information and attach a copy of your receipt for your records.

Date Purchased:	From:
Model #:	Serial #:

This warranty applies to equipment manufactured by the HIX Corporation (HIX), Pittsburg, Kansas, U.S.A. HIX warrants to the original purchaser, its Ovens and Dryers, Heat Transfer Presses, Mug Presses, Mug Glazer, Retensionable Screen Frames, Textile Printers, Spot Heaters, and Exposure Units against defects in workmanship and material, except for wear and tear for a period of "One Year" from the date of purchase. HIX warrants its Accessories, Reten Splines/Hardware/Tool Kit, and Shuttle for a period of 90 days from the date of purchase. DoughXpress and Thermatrol products are covered under separate warranty.

In the event of a defect, HIX, at its option, will repair, replace or substitute the defective item at no cost during this period subject to the limitations of insurance and shipping costs stated below.

In the case of heat transfer presses (except the Mug Press, Hobby Lite), HIX warrants the heat casting for the "Life" of the machine for the original purchaser. If a part becomes obsolete at the time for repair, and/or cannot be reasonably substituted for, HIX will credit, at half the then current list price or last recorded price, only that part toward a new machine or any product HIX offers. This credit offer shall be the sole responsibility of the HIX Corporation in the event of an obsolete part.

This warranty does not cover belts, pads, mug wraps, mug press liners, canvas, rubber blankets, bulbs, glass, rod ends, turn buckles on printers, or mug press or damages due to accident, misuse/abuse, alterations or damage due to neglect, shipping or lack of proper lubrication or maintenance. HIX shall not be responsible for repairs or alterations made by any person without the prior written authorization by HIX. This warranty is the sole and exclusive warranty of HIX and no person, agent, distributor, or dealer of HIX is authorized to change, amend or modify the terms set forth herein, in whole or in part.

In the case of a problem with the equipment identified herein, HIX Corporation should be contacted during regular business hours to discuss the problem and verify an existing warranty. HIX personnel will assist the customer to correct any problems which can be corrected through operation or maintenance instructions, simple mechanical adjustments, or replacement of parts. In the event the problem cannot be corrected by phone, and upon the issuance of a return authorization by HIX, the equipment shall be returned to HIX or an authorized service representative. All insurance and shipment/freight costs are solely the responsibility of the customer, and not that of HIX, and HIX shall not be responsible for improper handling or damage in transit. Contact HIX customer service for complete return authorization information.

This expressed warranty is given in lieu of any and all other warranties, whether expressed or implied, including but not limited to those of merchantability and fitness for a particular purpose, and constitutes the only warranty made by HIX Corporation.

In no event shall HIX's liability for breach of warranty extend beyond the obligation to repair or replace the nonconforming goods. HIX shall not be liable for any other damages, either incidental or consequential, or the action as brought in contract, negligence or otherwise.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



Manufacturers of the Finest Quality Textile and Graphics Screen Printing and Heat Transfer Equipment

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