

LCD upgrade kit

FOR Siemens / Cincinnati Milacron Acramatic 2100, 1-550-6104 LCD121-01B P/N TYZ:3-424-2451A)



MONITECH
PRACTICAL SOLUTIONS FOR INDUSTRIAL DISPLAYS

IMPORTANT:

WARRANTY

Before using any MONITECH product please carefully review this Manual as well as any additional documentation provided with your shipment.

Attempting any of the following will void product warranty:

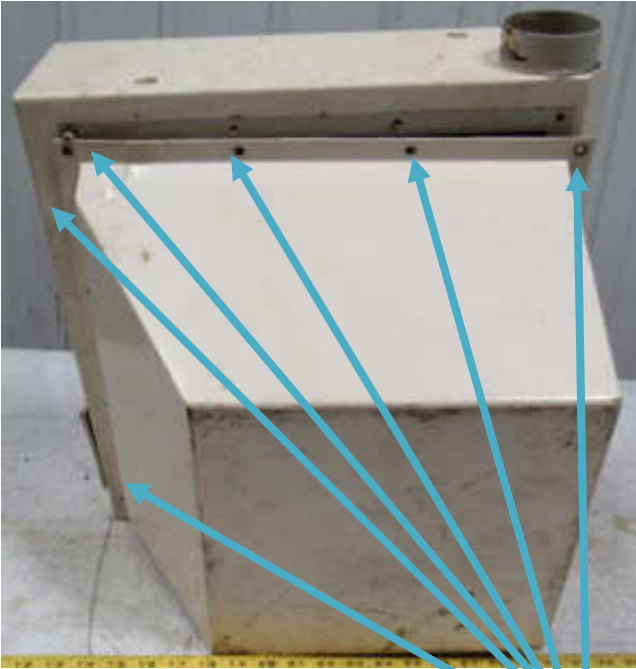
- unauthorized repairs or parts replacement
- inappropriate use or placement: exposing product to liquids, harmful gases, electrical shock, physical shock, temperatures beyond the range of -4°F to 140°F (-20°C to 60°C)
- use of electrical voltage other than 12V 4.16A (power supply and AC cable provided)
- Removal or modification of serial, product, or warranty labels.

	WARNING	
	ELECTRICAL HAZARD DO NOT OPEN	
TO AVOID ELECTRICAL SHOCK DO NOT OPEN PRODUCT CASING. UNAUTHORIZED REPAIRS OR PARTS REPLACEMENT ARE PROHIBITED AND WILL VOID PRODUCT WARRANTY. PLEASE RETURN TO MONITECH FOR REPAIRS.		

REMOVAL:

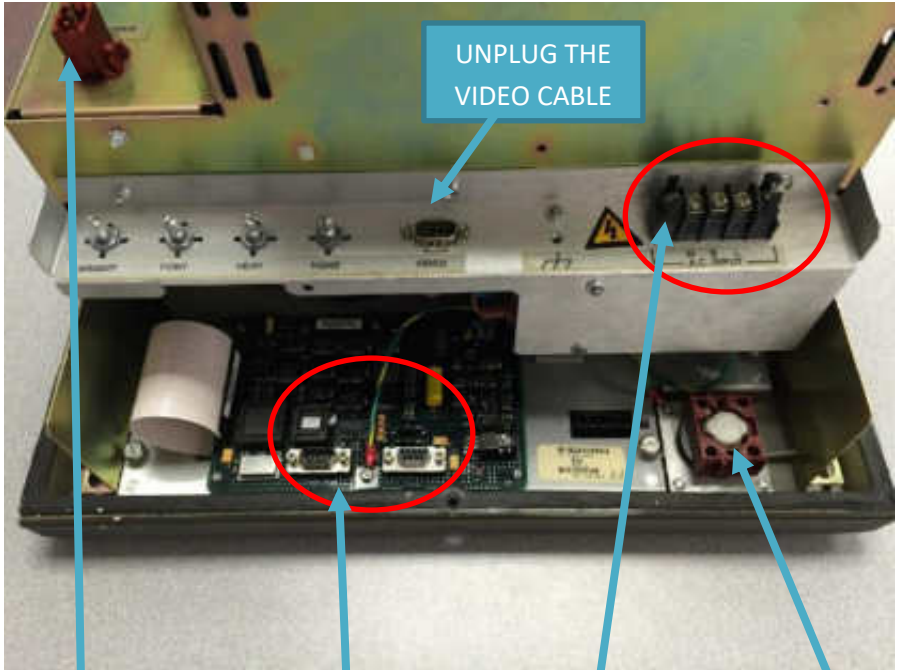
Step #1) Turn off turn off main power, turn off machine.

Step #2) Open up the back panel of the monitor by unscrewing all surrounding screws. Keep the back cover and all screws removed for re-installation.



UNSCREW THESE
SCREWS HOLDING THE
BACK COVER IN PLACE.

Step #3) Unplug cables from the controller. Unplug Video Cable, Fan Power Connector & Emergency Button Connections. Unscrew the power (N.E.L). Please take a photo of all the wires before unplugging anything so when you re-install the monitor you know where everything goes. Note all wire's locations and polarities.



UNPLUG THE VIDEO CABLE

UNPLUG THE FAN

UNPLUG THESE CONNECTIONS

UNSCREW THE WIRES N.E.L

EMERGENCY BUTTON

Step #4) Take the Cincinnati Acramatic HMI Unit out of the frame from the machine by pushing up on the HMI Unit to loosen the hinges. Be careful this unit is very heavy. Put the HMI Unit on a beach.

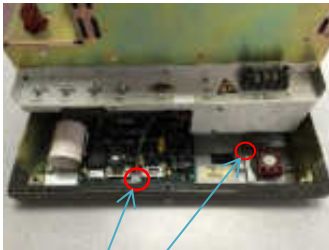


PUSH UP ON THE HMI UNIT HERE.



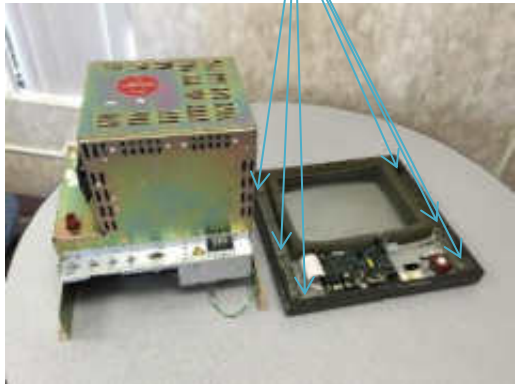
THESE HINGES ARE THE HINGES KEEPING THE HMI UNIT IN PLACE

Step #5) Now that the HMI Unit is on your bench you can start by taking the front bezel off by unscrewing the ground on controller board and on emergency button. Unscrew the 3 screws on each side of the metal frame. Take a picture of the grounds before removing and keep all removed screws for re- installation.

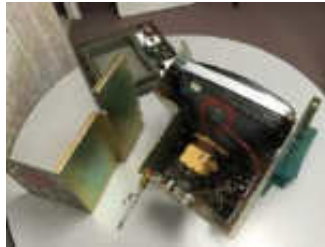


UNSCREW THESE GROUNDS

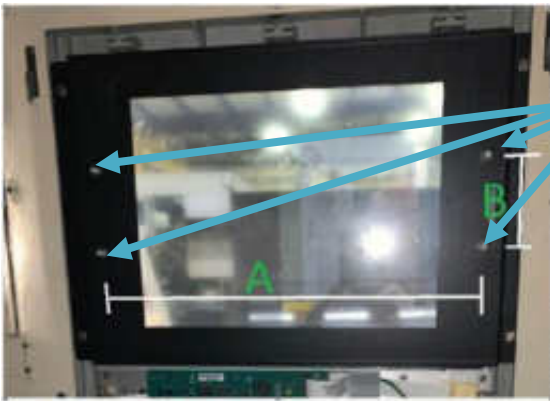
UNSCREW THESE SCREWS TO TAKE OFF THE BEZEL



Step #6) Take the back plate off the metal frame, to access some wires in the monitor.

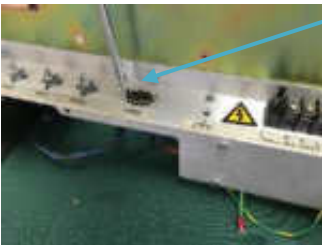


Step #7) Take the LCD out of the frame by unscrewing these 4 screws. Unplug the video & power connector from the LCD monitor. Remove the LCD monitor



UNSCREW THESE
SCREWS

Step #8) Remove the old video connector from the frame and replace it with our adaptor cable.

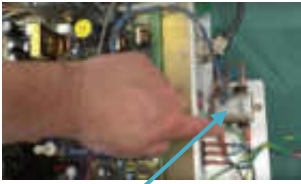


Remove this
connector

Replace the
connector
removed with
our supplied
adaptor cable



Step #9) Remove the power filter and leave just the ground. Plug in our power adaptor (MAP308) into the 2 plugs.



REMOVE THIS &
LEAVE THE GROUND



USE MAP308 TO
PLUG HERE

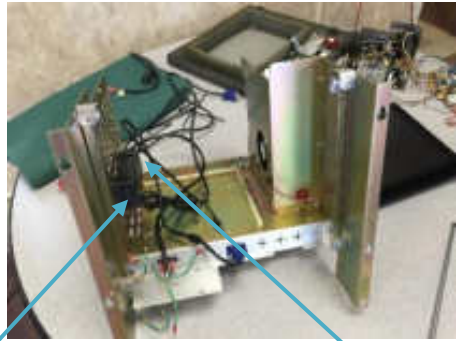


Step #10) Cut all the wires doing the BRIGHT, CONT, VERT & HORZ Pots. Or unscrew them. Then Attach MAP308 other end to MAP307 and zip tie it to the frame.

REMOVE



OTHER END OF
MAP308 TO
MAP307

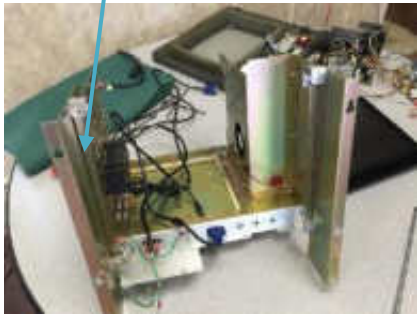


ZIP TIE THE POWER
SUPPLY WE SENT TO THE
FRAME (MAP307)

ASSEMBLE:

Step #11) Now you are left with the LCD Housing housing in which you are going to place your Monitech Monitor in. First you must unscrew the black screws on the side of the Monitech Monitor.

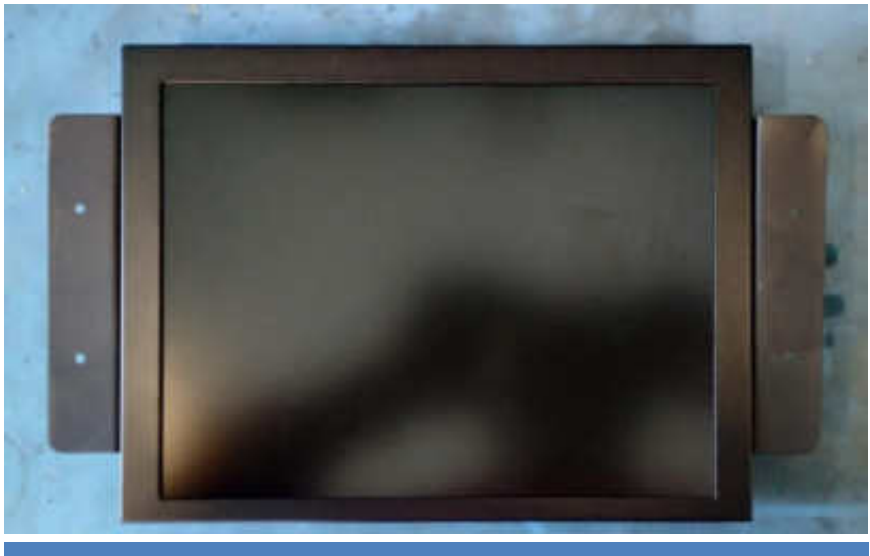
OLD CRT HOUSE FRAME KEEP THIS FOR INSTALLING YOUR MONITECH LCD UPGARDE.



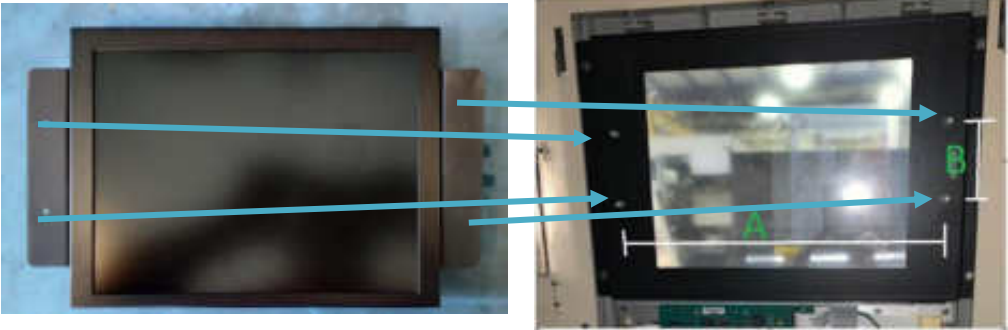
REMOVE ALL 4 SCREWS FROM THE SIDE OF THE MONITOR.



Step #12) Attach to 2 metal brackets onto the side of the monitor using the black screws taken off in Step #11.

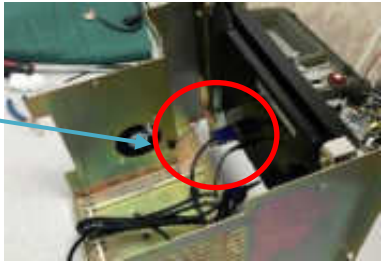


Step #13) Attach your Monitech Monitor to your original housing frame by mounting screwing the Monitech Monitor with the brackets attached, using the 4 holes used to hold your old LCD.



Step #14) Connect the Video Connector & the Power Jack to your Monitech Monitor.

PLUG IN THE VGA
SIDE INTO YOUR
MONITECH
MONITOR AND THE
POWER JACK.



PLACE THE LCD AS SHOWN IN THE 1ST PICUTRE THEN
MOUNT THE OLD CRT FRAM THE LCD MONITOR & THE
BEZEL TOGETHER.



INSTALLATION:

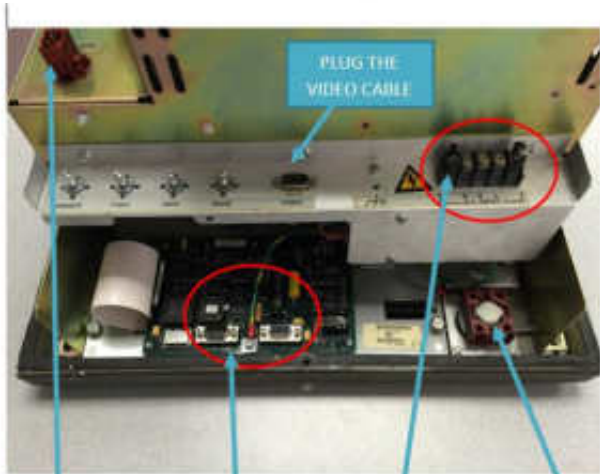
Step #16) Put the HMI Unit back into the machine frame using the hinges. Unplug cables from the controller. Plug Video Cable, Fan Power Connector & Emergency Button Connections. Screw the power (N.E.L).



SLIDE THE HMI UNIT HERE.



THESE HINGES ARE THE HINGES KEEPING THE HMI UNIT IN PLACE



PLUG THE VIDEO CABLE

PLUG THE FAN POWER

PLUG THESE CONNECTIONS

SCREW THE WIRES N.E.L

EMERGENCY BUTTON

Step #17) Turn ON Main Power and Machine Power. Adjust the screen with the user manual, or just press AUTO. Then put the back cover on.



PLEASE READ CAREFULLY
BEFORE USING
MONITECH T SERIES

**YOU ARE ALL SET!!!
THANKS FOR YOUR
BUSINESS FROM THE
MONITECH FAMILY. 😊**

Keep your FANUC Workstations + Other HMI's Up & Running!



Replacement for your
FANUC GE C131,
C050, 18T with 9" LCD



LCD Replacements
for your FANUC 9"
CRT's



ML090PT0116S - 10.4"
Fanuc A61L-0001-0116



LCD Replacement for
your 14" FANUC
CRT's



Touch Screen for
Fanuc 21i 10.4 "
(A02B-0281-C081)



LCD PANEL LMG5320XUFC for
the Fanuc A02B-0200-C081 &
A02B-0210-C040
(LMG5320XUFC)

For Technical Support, Call
1-877-493-6105
Support@Monitech.com

MONITECH

20 Howard Place
Kitchener, Ontario N2K 4Z4
CANADA 519.725.2222