

LCD upgrade kit

**FOR YOUR FANUC A61L-0001-0074,
A61L-0001-0094 & A02B-0076-C061**



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:

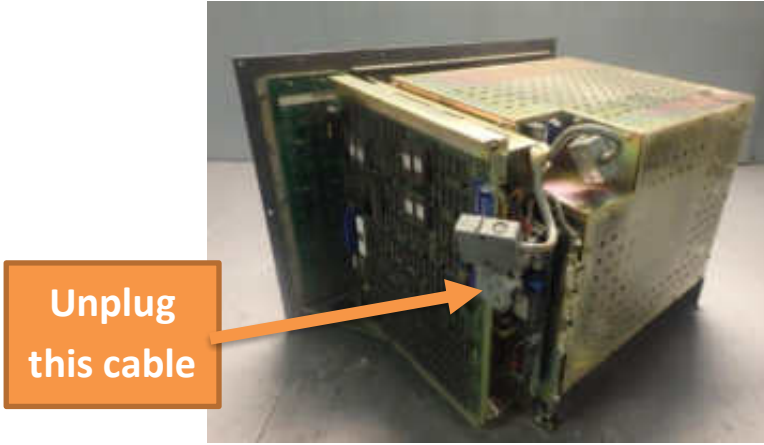
- unauthorized repairs or parts replacement
- inappropriate use or placement: exposing product to liquids, harmful gases, electrical shock, physical shock, temperatures beyond the range of -4°F to 140°F (-20°C to 60°C)
- use of electrical voltage other than 12V 4.16A (power supply and AC cable provided)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

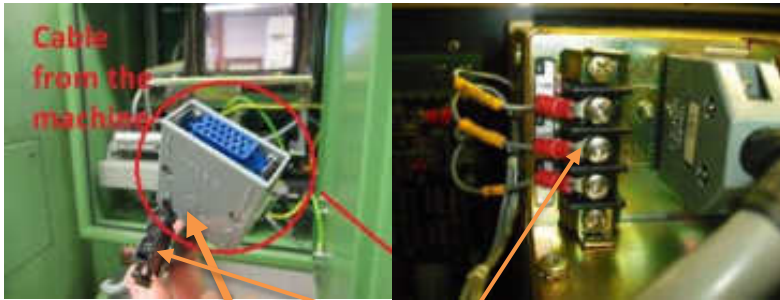
Step #2) Open up the back Panel. Unplug Cables that are attached to the controller. Make sure you take a picture before you unplug to ensure the right cables are reconnected.



Step #3) Unscrew the fasteners holding the Monitor Panel in place on the front on your machine.



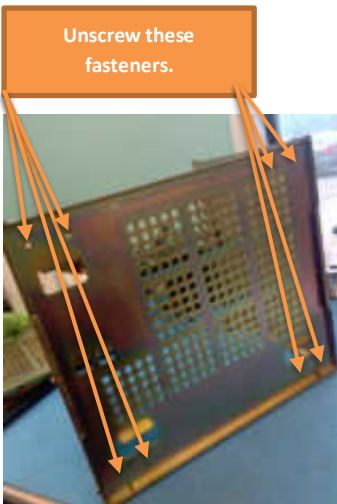
Step #4) Unplug the power and blue video connector from the monitor. Unscrew the fasteners holding the old CRT frame to the front panel.



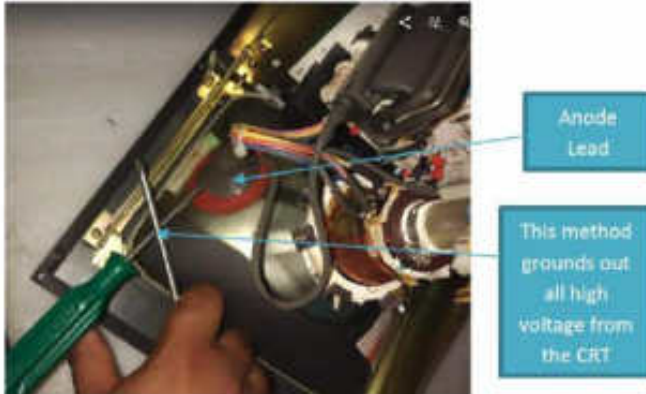
Unplug these cables from your old CRT Monitor

These are the 2 types of power connectors on FANUC 14 inch CRTs

Step #5) Unscrew the fasteners holding the CRT Frame from the Monitor Panel.



Step #6) Remove high voltage from the CRT by placing a screwdriver underneath the rubber of the anode lead and the other end touch metal, with another screwdriver put the tip onto metal and cross it with the first screwdriver. Then remove the anode lead by pushing one contact in so that it



Step #7) Unscrew screws that holding the CRT in place, (keep screws for mounting the Monitech Monitor back into the housing). Remove the neck board, disconnect the yolk & remove all other boards from housing they are not needed. Keep the power cable & video cable.



Remove the CRT from the frame.



Unscrew the original monitor (screen) from the chassis. Dispose of all internal electronics and the rubber bezel.

ASSEMBLE:

Step #8) Now you are left with the old CRT 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 Housing, keep this for mounting the MONITECH MONITOR

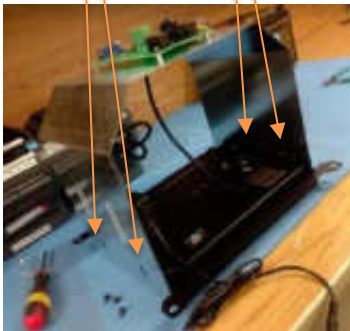


Remove all 4 Black screws on the side of the monitor.



Step #9) Place the MK011 & MK012 to match the slots on the side, and screw the black screws recently taken off, to mount the MK011 & MK012.

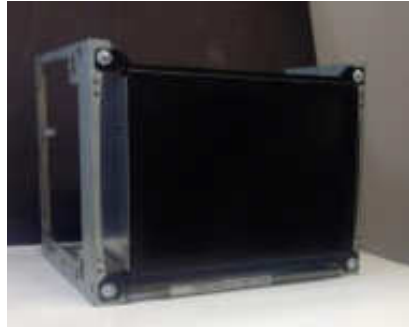
MK013, Use the Black Screws Recently taken off to fasten the MK013.



Make sure the Blue Connector is on the same side as the Adaptor Plug. way so it can easily be reached by your video cable from your controller



Step #10) Attach your Monitech Monitor to your Old CRT Housing Frame with the screws you took off that mounted your Old CRT.



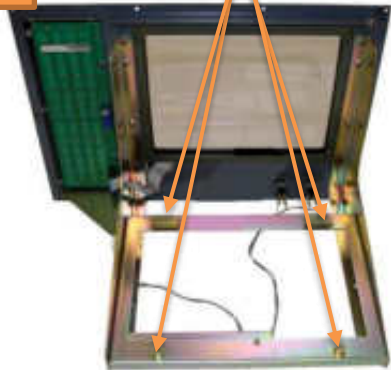
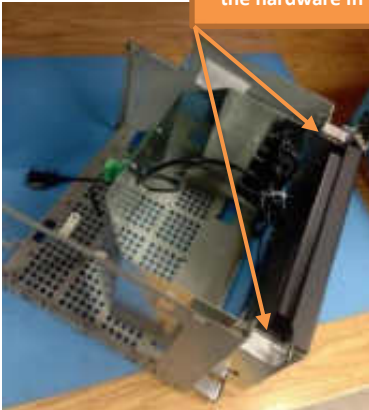
INSTALLATION:

Step #10) Attach the old frame with the Monitech Monitor on it back on to the control panel using the mounting holes. **IF** the Monitor is too far away from the front of the control panel then use the spacers in MK2003.



Use the old screws that held your CRT in place to attach the Spacers on all 4 corners, and attach the monitor with the rest of the hardware in the bag.

Put the frame into the Control Panel using these holes



Step #11) Connect all Connection that previously taken off.



Plug all the connection taken off at the beginning of the Installation

Step #12) Plug the Blue Video connector to the blue connector on The Monitech Board.

Plug in the Power Connector or the 3 wires from the controller to the Monitech Board. Line up colored wires from the right to the left. Note Green/Yellow is ground, Black/Brown is line, White/Blue is Neutral. Line and Neutral can be reversed, but Green/Yellow must be ground

Plug VGA from the Adaptor to our monitor, and the power jack.



Connect the Blue Video Cable and the (Power Connector or 3 wires) from your controller to here on the board.



Connect the
VGA here.



Connect the
Power Jack
here.

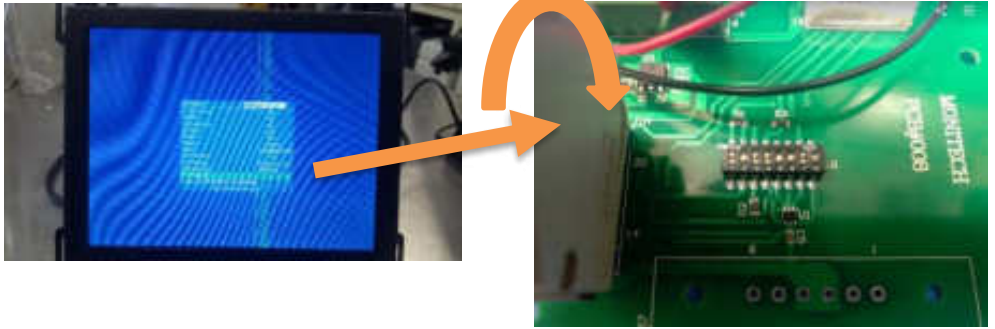


Step #13) Turn ON Main Power and Machine Power. If you're seeing a blue screen flip our blue video cable around 180 degrees and plug back in. Use the user guide to centre your screen once fully installed and video is coming out.

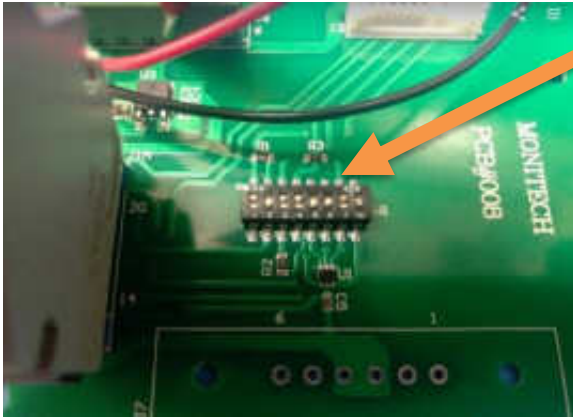


TROUBLESHOOTING:

- 1) If you're seeing a blue screen flip the blue honda video cable around 180 degrees and plug back in.



- 2) If your monitor is showing black after powering up. Check the jumper settings on our board. They should be set to 2,4,5,7 ON. If you adjust power off the machine then adjust, then power back on.



**JUMPERS ON
OUR
ADAPTOR
BOARD.
SHOULD BE
DEFAULT SET
TO 2,4,5,7 ON.**

You are all set!

We thank you for your business.

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)

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