



Product Support Bulletin 2011-012

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Maintenance of Way ~ Work Equipment Bulletin

DATE: July 27th, 2011

SUBJECT: FX2N-48MT PLC Base Module (Nordco P/N 5121046) discontinued by manufacturer

RATING: **DIRECTIVE**
(Action is required)

ALERT
(Potential Problem)

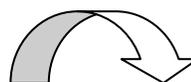
INFORMATION
(Action is optional)

PRODUCT IMPROVEMENT
(Enhance Product)

MACHINE MODEL(S): Tripp Models A, B, C, and D
CX Hammer
Model C Hammer w/PLC
BAAM Anchor Applicator
Curve Gang Spiker Models A and B
Vossloh Clip Applicator (NVCAR) Models A and B
Vossloh Clip Applicator Rebuild (NVCAR-RBUG)
Production Screw Spiker

SERIAL NUMBER(S): Tripp: S/N 760125 through 760405
CX Hammer: S/N 410500 through 410970
Model C Hammer w/PLC: S/N 410400-410499
BAAM Anchor Applicator: S/N 690025-690085, S/N 690088-680089
CGS Spikers: S/N 480025 through 480109
Vossloh Clip Applicator (NVCAR) Model A: S/N450009RB-UG
Vossloh Clip Applicator (NVCAR) Model B: S/N140300-140314
Production Screw Spiker: S/N 400100RB-UG through 400110RB-UG

SUMMARY: The manufacturer has discontinued production of the FX2N-48MT Programmable Logic Controller base module (Nordco P/N 5121046) and replaced it with the FX3U-48MT PLC module.



OPERATIONAL

IMPACT:

None unless the PLC unit goes bad. Repair/wear items such as battery, memory (EEPROM) and pot cards used inside the FX2N PLC base module are still available for purchase. **Please note that these parts cannot be used in the replacement FX3U PLC.**

This product discontinuation **does not apply** to the PLC extension modules (shown on the right side of drawings on pages 3 and 4).

ACTION:

If your FX2N-48MT PLC base module goes bad you need to purchase Nordco Kit P/N 98760089, which includes the new FX3U PLC complete with battery, memory and pot cards, and installation instructions.

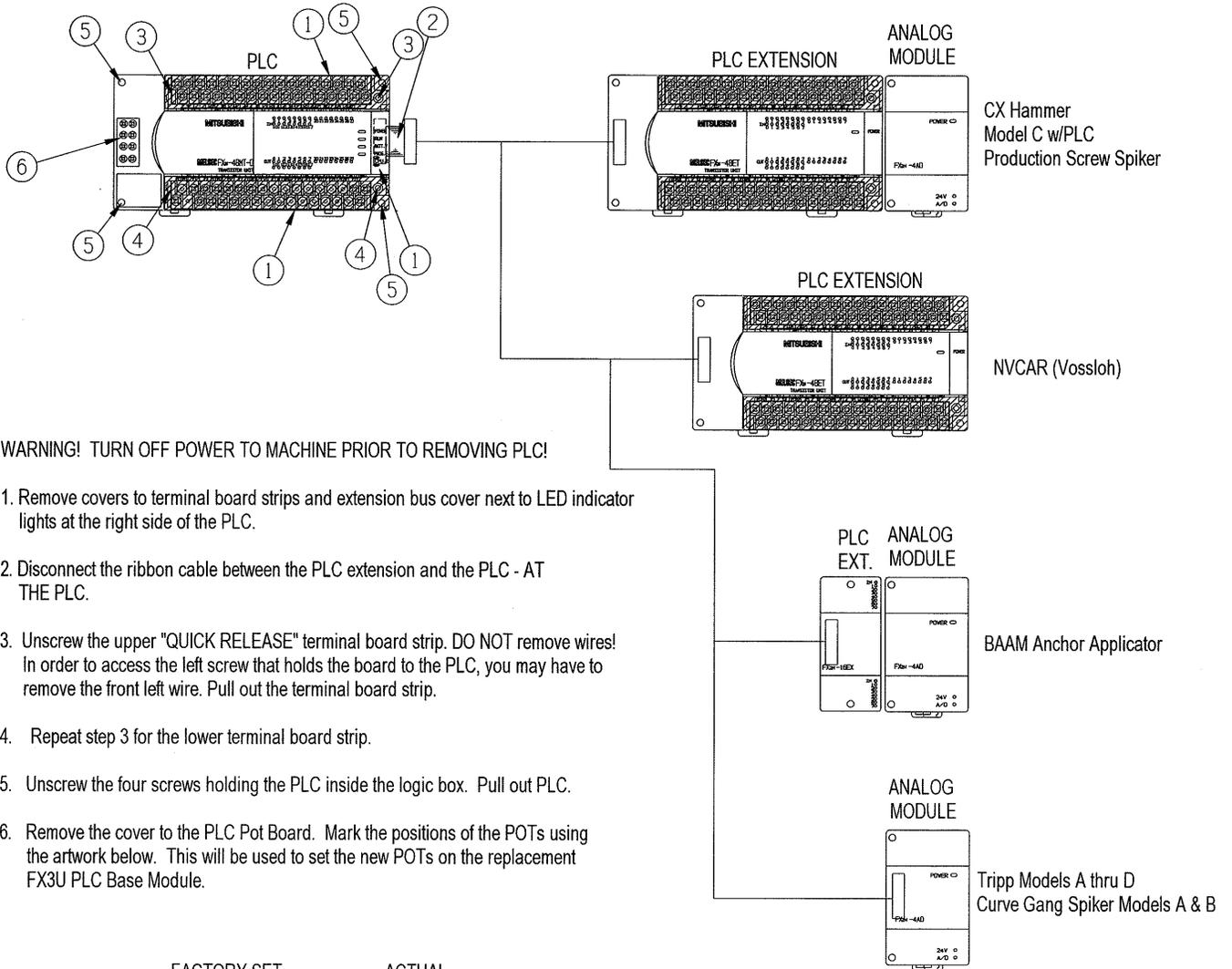
You **MUST** provide the Machine Make, Model, S/N, and the part number on the decal located on the face of the EEPROM inside your old FX2N PLC base module. This allows us to provide the correct programming for your machine.

Allow 30 minutes for changeout of the PLC.

WARRANTY:

None

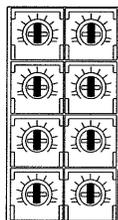
PLC REMOVAL



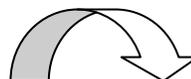
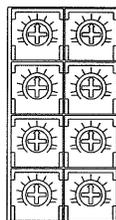
WARNING! TURN OFF POWER TO MACHINE PRIOR TO REMOVING PLC!

1. Remove covers to terminal board strips and extension bus cover next to LED indicator lights at the right side of the PLC.
2. Disconnect the ribbon cable between the PLC extension and the PLC - AT THE PLC.
3. Unscrew the upper "QUICK RELEASE" terminal board strip. DO NOT remove wires! In order to access the left screw that holds the board to the PLC, you may have to remove the front left wire. Pull out the terminal board strip.
4. Repeat step 3 for the lower terminal board strip.
5. Unscrew the four screws holding the PLC inside the logic box. Pull out PLC.
6. Remove the cover to the PLC Pot Board. Mark the positions of the POTs using the artwork below. This will be used to set the new POTs on the replacement FX3U PLC Base Module.

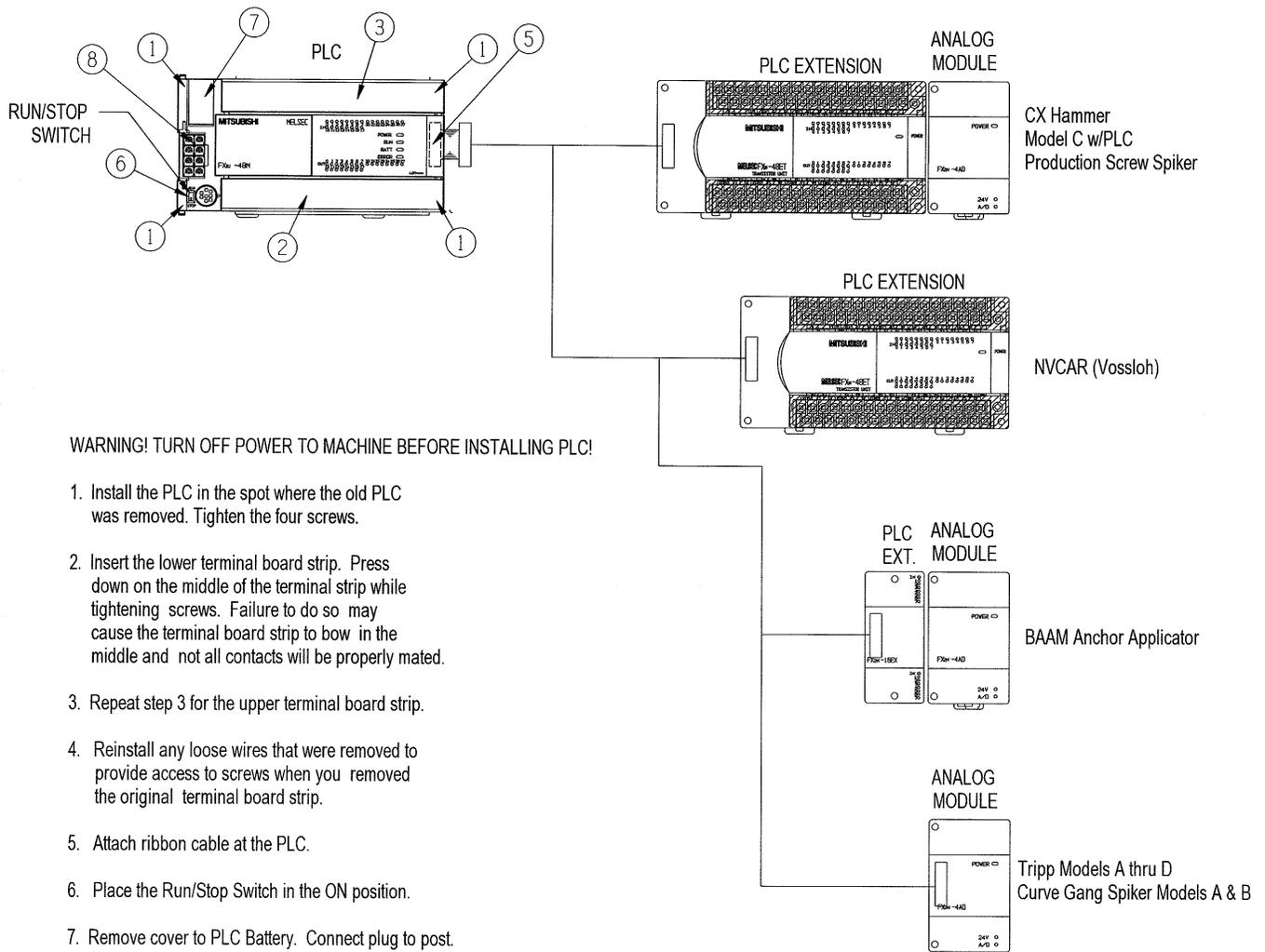
FACTORY SET POT POSITION



ACTUAL POT POSITION



PLC INSTALLATION



WARNING! TURN OFF POWER TO MACHINE BEFORE INSTALLING PLC!

1. Install the PLC in the spot where the old PLC was removed. Tighten the four screws.
2. Insert the lower terminal board strip. Press down on the middle of the terminal strip while tightening screws. Failure to do so may cause the terminal board strip to bow in the middle and not all contacts will be properly mated.
3. Repeat step 3 for the upper terminal board strip.
4. Reinstall any loose wires that were removed to provide access to screws when you removed the original terminal board strip.
5. Attach ribbon cable at the PLC.
6. Place the Run/Stop Switch in the ON position.
7. Remove cover to PLC Battery. Connect plug to post. Replace cover.
8. Set the POTS to the positions they were at on the old PLC Base Module (Step 6 of Removal Instructions).
9. Replace all covers.