H&E SAW®

The saw that cuts straight.

A-4 & A-C AIR SAW

Kubler Parts Counter Program Lock-Out



KUBLER PARTS COUNTER PROGRAM LOCK-OUT

(ONLY WORKS FOR SOLID STATE CONTROL BOARDS)

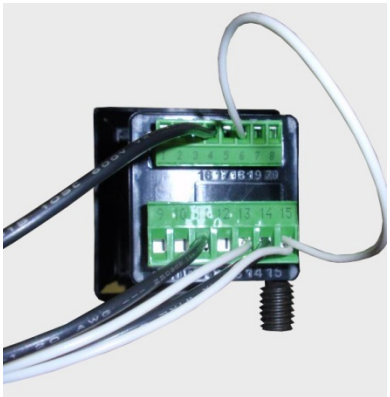
The Kubler parts counter used on small horizontal air saws have a function which we want to disable. For the most part this should be done in the HE&M Electrical or Parts Department after June 2012. However some might slip by and there are many of these already out in the field with our customers without the correction. See the photos and descriptions below for the explanation and corrective action. This jumper lock-out only works on the newer Solid State Control Boards.



The photo to the left shows the Kubler Parts Counter as seen in a -4 control.

Note the red button to the left and the darker gray button on the right side of the lighter gray buttons. Without the addition of a jumper wire between terminal #6 and #15, the part counter program can be erased by pressing these two buttons at the same time.





Install a jumper wire between terminal #6 and terminal #15 as shown in the photo to the left to disable the de-programming function that will occur if the red button and the darker gray button on the front of the counter are pressed at the same time. This lock-out only works if the counter is being used in conjunction with a Solid State Control Board and does not work when used with the older Relay Logic Boards. Programming instructions are also different for the same counter when used with one or the other boards.

KUBLER PARTS COUNTER REPROGRAMMING

The proceeding shall explain the reprogramming process for the Kubler Parts Counter in the case of a program deletion. The instructions shall give the reprogramming for the relay setup first and the solid state second.



1. If the counter has been deprogrammed the screen will appear as shown. If a failed attempt to reprogram has been made to the counter it will be best to delete the program and reprogram the counter again. If needed hold the red and dark grey buttons to enter the programming mode.



2. After the dark grey and red buttons are pressed and held for 3 seconds, enter the programming mode and the screen shown will be displayed.



3. Then press the T2 key to continue programming.



4. After pressing the T2 key the following security prompt will be displayed.



5. To enter into the programming main menu press the dark grey key. This will allow one to enter all of the programming sub-menus.



6. After entering the programming main menu, the default main menu will appear. Press the T2 button in order to progress through the menus.



7. Continue to press the T2 button until the “input” screen is accessed. After the input screen has been reached, press the dark grey key to enter the input sub-screen.



8. A screen like the one shown to the left will appear. Keep the setting at PnP and press the dark grey key to move to the next screen.



9. The next screen will be the filter screen, keep the setting at “on” and press the dark grey key to move to the next menu.



10. The next screen will appear as shown; it is the count/direction screen.



11. The “count” screen will need to be changed; press the T2 key until the count screen has the “uP. uP” sub-title as shown.



12. After the previous screen is found, press the dark grey key and continue to do so until “input” is again found.



13. Once the “input” screen has been reached, press the T2 key until the “EndPro” screen with the “YES” sub-title is reached.



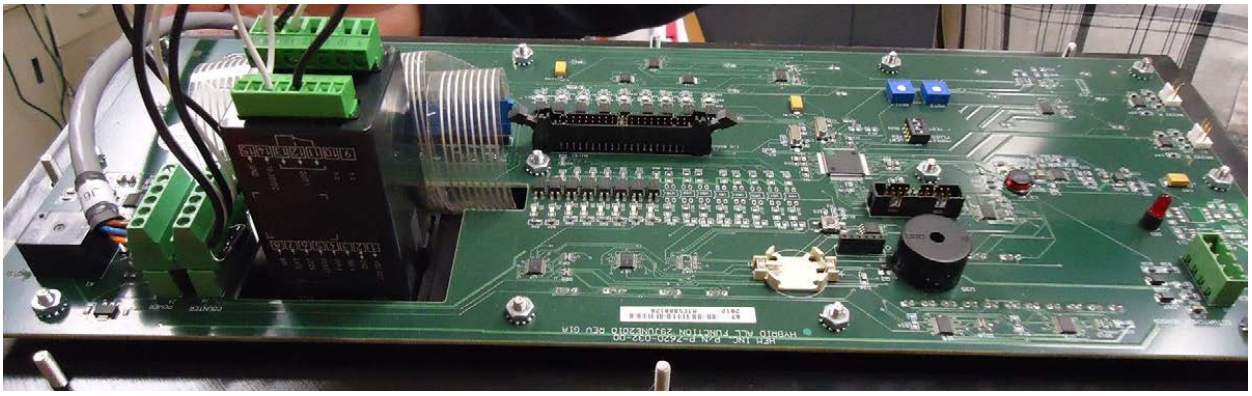
14. At the “EndPro” screen with the “yes” sub-title, press the dark grey key and it will save the programming.

Solid State: The only difference between solid state programming and the relay setup is the “InPPoL” setting. Go through the process exactly as for the relay setup, except when the “InPPoL” screen is reached, press the T2 button until it has a sub-title that states “nPn”. Then press the dark grey button and continue as before.

SAME COUNTER-- DIFFERENT PROGRAMMING
DIFFERENT PART NUMBER

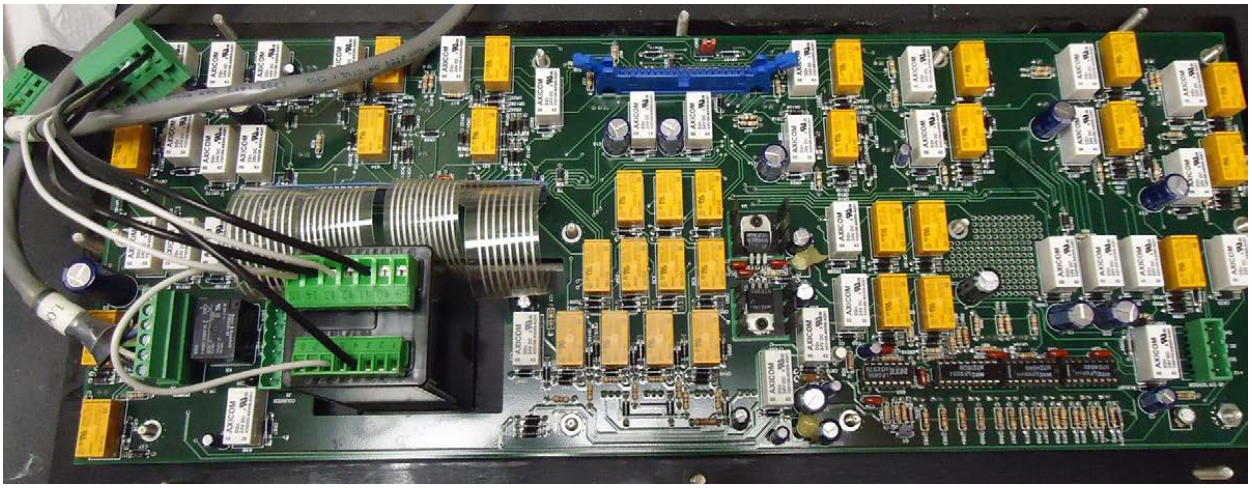
NEW SOLID STATE MULTI-FUNCTION BOARD

5 DIGIT COUNTER A-007428-000-02-01



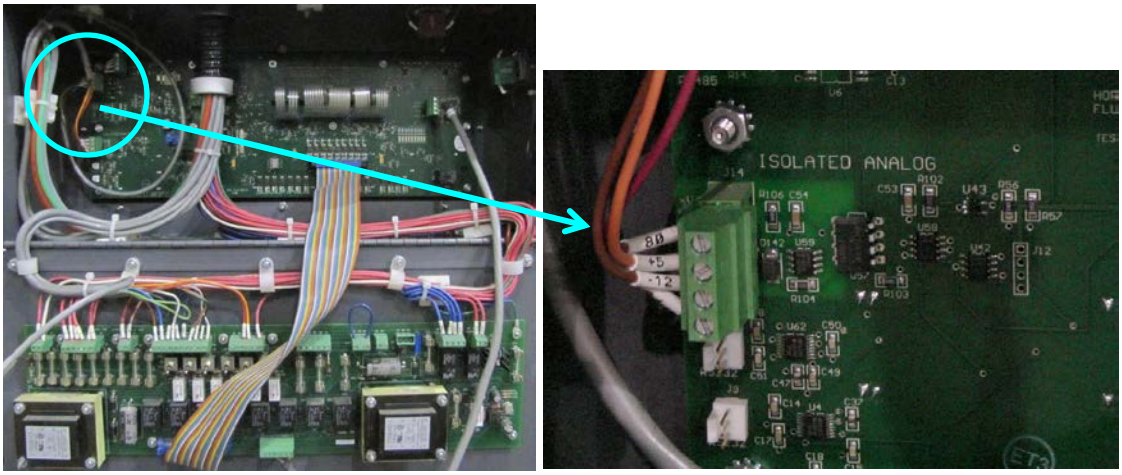
OLD STYLE RELAY MULTI-FUNCTION BOARD

5 DIGIT COUNTER A-007428-000-02-2

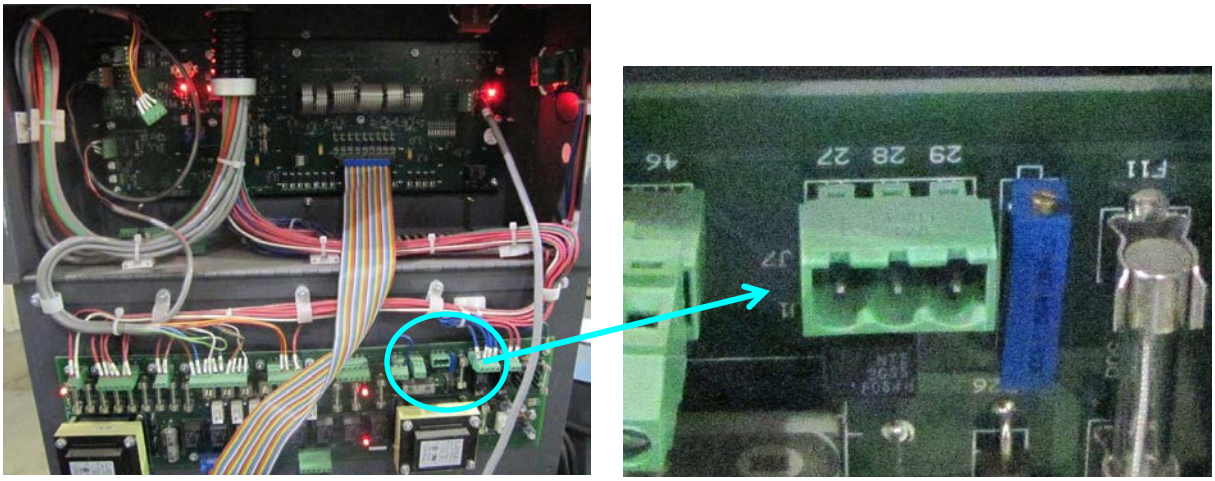


SOLID STATE BOARD RETROFIT A-C CONTROL
(ULTRA-FUNCTION/EASY VIEW-C)

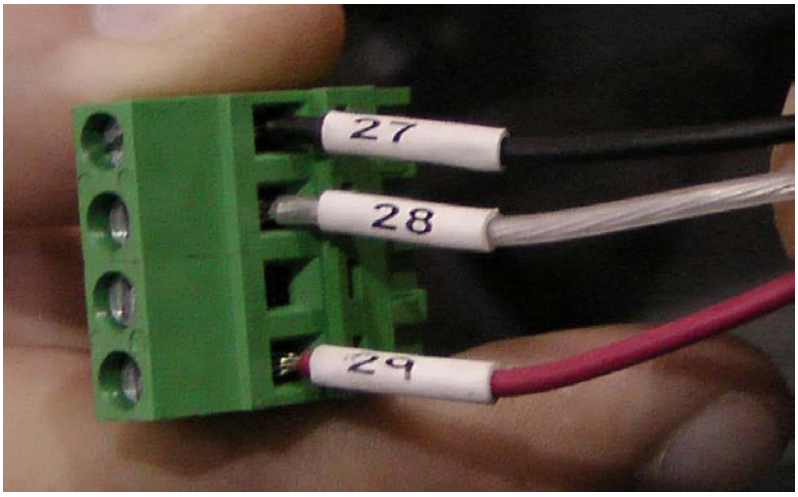
1. On the Top Board, unplug the wires labeled 80, +5, -12 & 81. These wires will no longer be needed, wrap each wire in electrical tape and tie them to the side out of the way.



2. Remove the plug containing wires 27, 28 & 29 from their location on the bottom board.



3. Remove the wires 27, 28 & 29 from their 3-pin plug that were removed in step 2, and rewire them to a 4-pin plug as shown in below photo.



4. Plug in the 4-pin plug with wires 27, 28, & 29 into the location on the upper board where the previous wires 80, +5, -12 & 81 were located.

