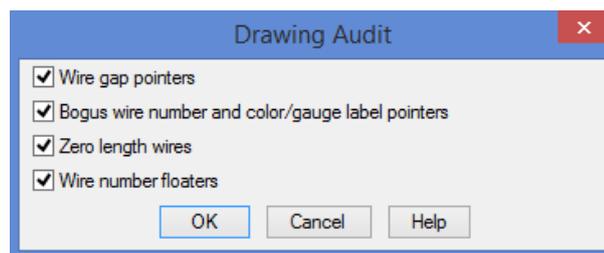


DWG Audit

AutoCAD Electrical 2017

The  DWG Audit (AEDWGAUDIT) command detects problems related to wires and wire numbers, corrects them, and displays a report. It checks for the following issues and fixes any issues that it can:

- Wire Gap Pointers
- Bogus Wire Number and Colour/Gauge Label Pointers
- Zero Length Wires
- Wire Number Floaters



Wire Gap Pointers:

If you have drawn a wire across another wire using gaps, the gap pointers (similar to source and destination arrows (invisible)) would be left behind on the drawing if a user should delete a wire using erase.

Bogus Wire Number and Colour/Gauge Label Pointers:

When you assign a wire number to a wire, hidden information is attached to the wire stating the wire number. If you use erase and delete a wire number, the hidden information is still associated to the wire.

If you delete a wire using erase and not trim wire, then the wire number isn't deleted and is considered to be bogus.

If you delete a wire using erase, then you may forget to delete an associated colour/gauge label.



Zero Length Wires:

This can also be considered to be a miniscule wire length. If 2 components are scooted and but up to each other a miniscule wire is still present albeit very small. If the components are then deleted, the miniscule wire length may be left behind.

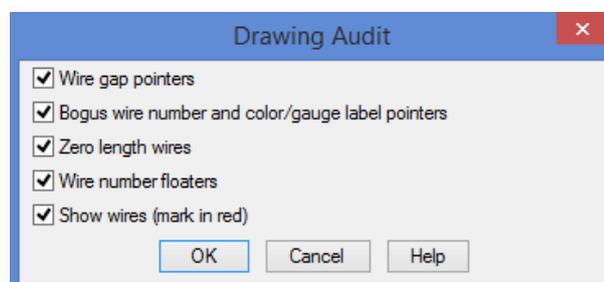
Wire Number Floaters:

If you move a wire but forget to move its associated wire number, the wire number would then be floating from the wire.

The  **DWG Audit** command fixes where possible the above commands in addition to minor corrections such as ensuring the WIRENO value is copied to the X*TERM* attributes

The command can be run on the  *Active Drawing* or the  *Project*

If the command is run on the  *Active Drawing*, then the additional command of being able to Show Wires is also available.



This command draws an outline around each wire entity so that you can be sure that your wire connections have been defined correctly. This last item is useful when converting legacy dumb drawings into AutoCAD Electrical.

- Bright red outline. Regular wires
- Magenta outline. Wires on layers defined as No Wire Numbering.