

Voltmeter Clock Assembly Procedure

AWK-105-0025 Rev A


Engineer
Voltmeter Clock Assembly Procedure
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Voltmeter Clock Assembly Procedure
AWK-105-0025 Rev A

Parts needed:

HOURS meter

MINUTES meter

note: packaging is identical

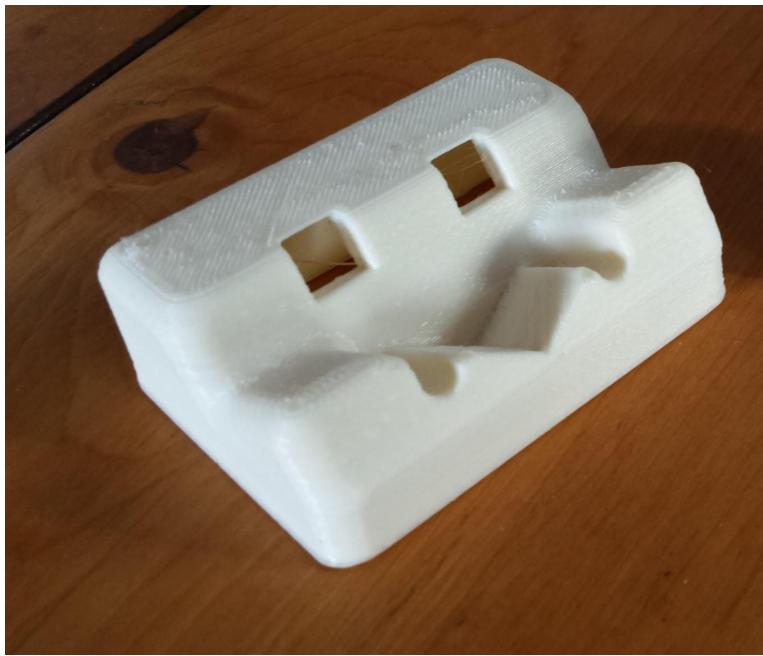


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- unpack meters
- discard packaging

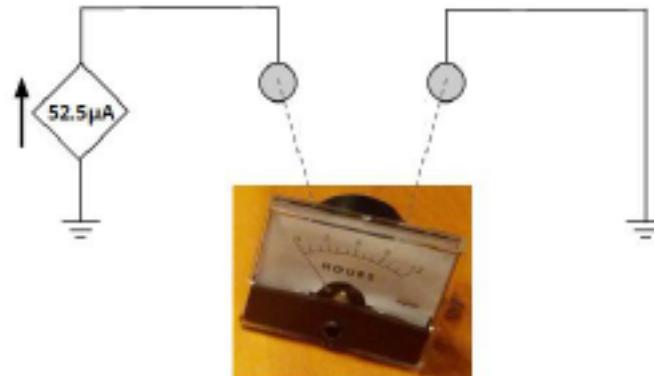
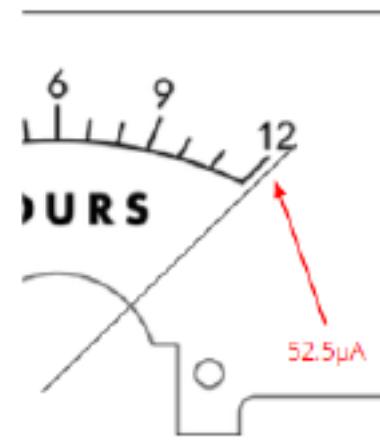
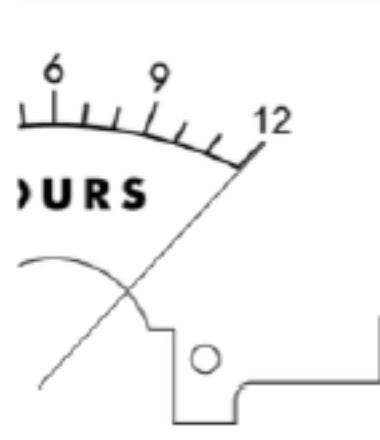




- place HOURS meter on test rig, check, and remove
- place MINUTES meter on test rig, check and remove

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Setup	Good	Bad
 <p>Apply current.</p>	 <p>Needle goes <i>past</i> the last mark. Visual test.</p>	 <p>Meter did not reach <i>past</i> the end.</p>

If the needle moves past the last mark on the meter, the test is good.

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Parts needed:

HOURS meter

MINUTES meter

HOUSING, FRONT FACE

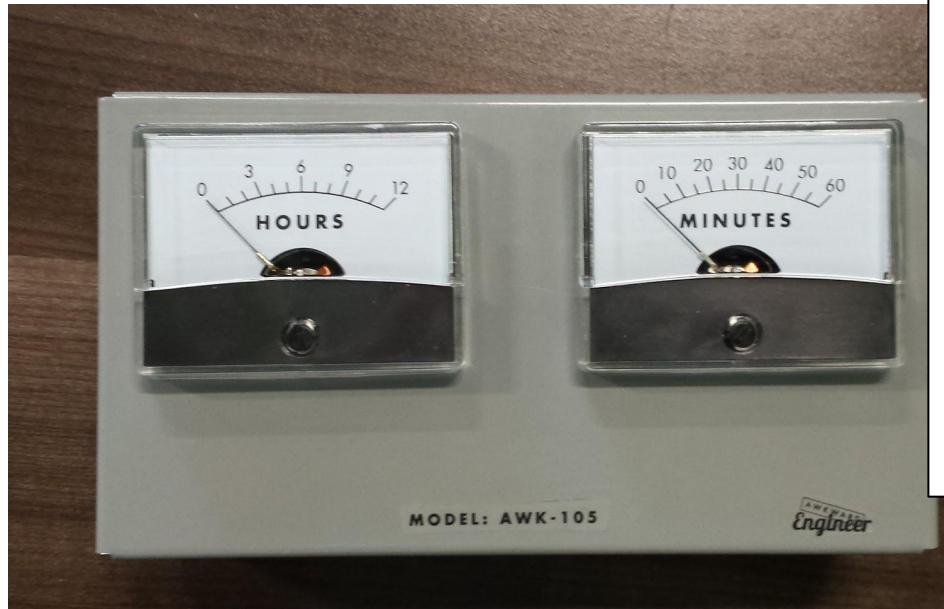
4x M2 Nuts



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- insert HOURS meter
- insert MINUTES meter
- 4x tighten M2 nuts at opposite diagonal corners of meters



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Parts needed:

Work in Progress
PCB Asembly
4x M3 screw



- slide PCB assembly at angle into holes in housing and slide into place

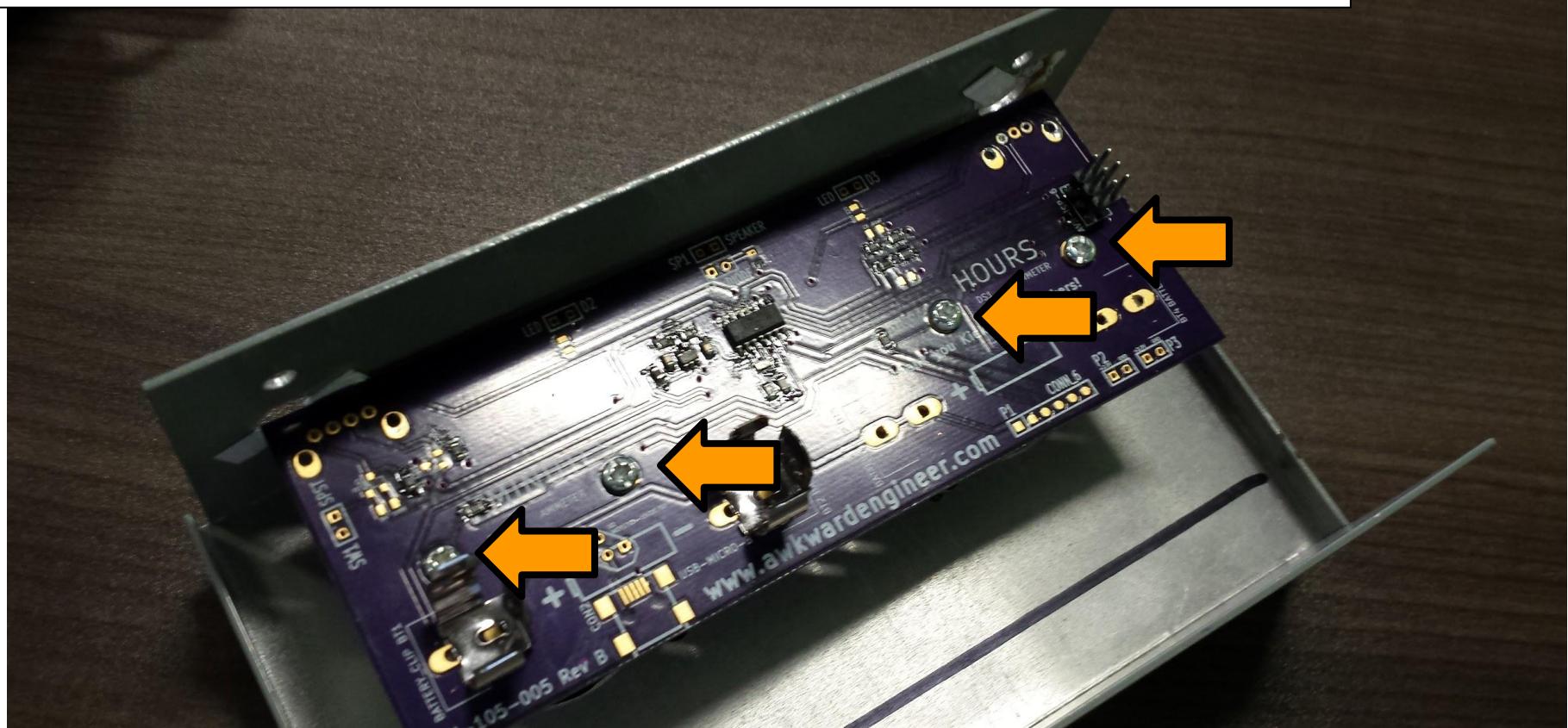
note that knobs are underside of board, and PCB components are facing up



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- 4x tighten M3 screw to secure PCB assembly to meters



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Parts needed:

Work in Progress
2x Knob Covers



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- 2x slide knob cover onto shaft,
align knob set screw to flat,
tighten screw



note, shaft flat may be in any orientation



Parts needed:

Work in Progress
HOUSING, BACK COVER
2x M3 Screw



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- Slide back cover into place
- 2x tighten M3 screw



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- wrap Clock
- make box
- add Clock and instruction insert into box
- secure box, mark with AWK ENG stamp

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