

TITLE: ASKIT-03 ASSEMBLY INSTRUCTIONS

INSTRUCTION SHEET: 3094

REVISION: 05

EFFECTIVE: 06-01-2020

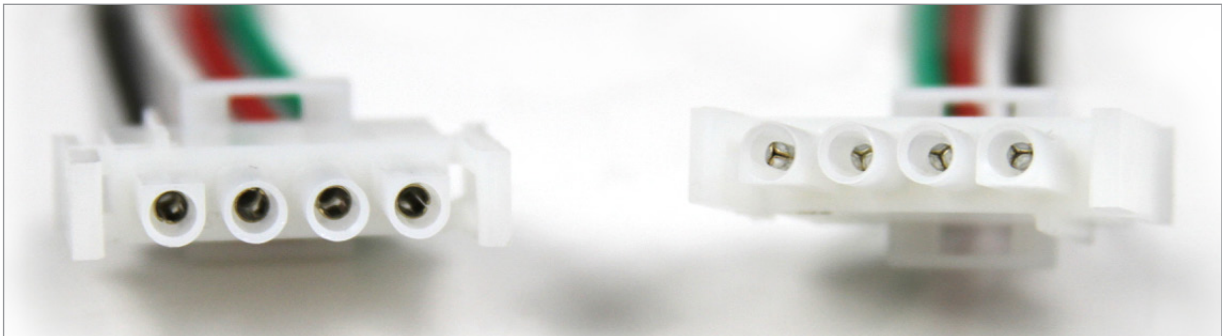
Note: It is assumed that the removal of the old movement/motors have been completed and the back plate is ready for assembling the new AllSync movement/dustcover assembly onto the back plate. When tearing down clock, retain all the bezel clips and all the fasteners for the dustcover and ground wire installation.

This instruction manual covers clocks with Standard Electric backplates.

New Installation Note

Warning:

While both ends of the wire harness look the same, they are not. The male pin connector is for the clock side. The female pin connector is for the wall side and can be cut off if there is no mating connector available.



Female pin connection to wall.
Cut this end if necessary.

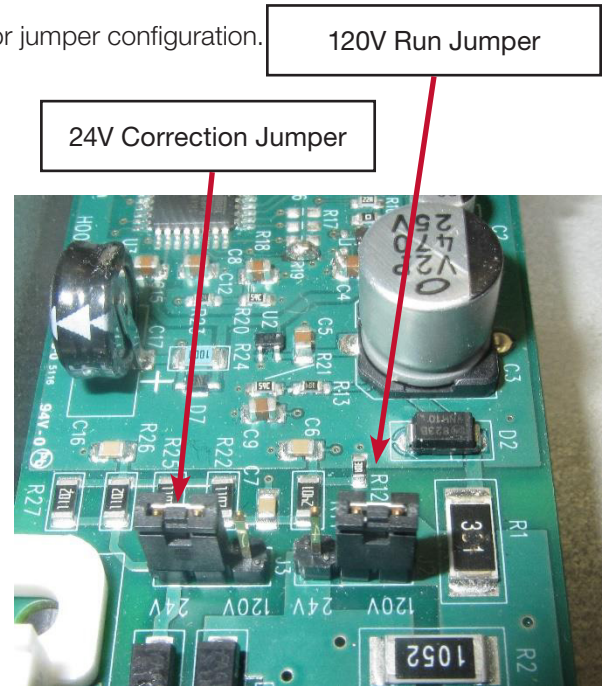
Male pin connection to clock.
DO NOT CUT.

If repairing a 120V clock with a 24V correction or a 24V clock with a 24V correction, please see section below. Otherwise skip to the clock repair section.

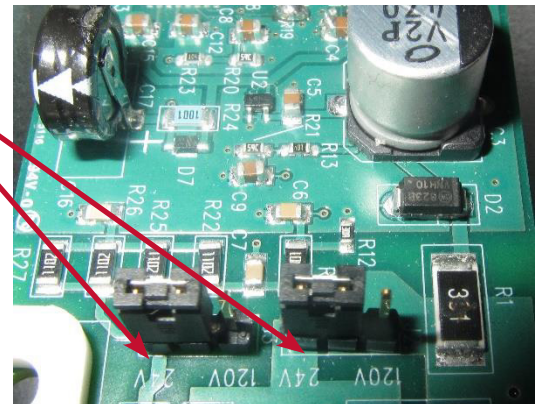
CAUTION: It is strongly recommended that ESD grounding attire be utilized. There is potential for electrical static discharge (ESD), which may damage components.

120V/24V CORRECTION OR 24V/24V CLOCKS

1. If assembling a 120V run/24V correction clock, see photo on right for jumper configuration.

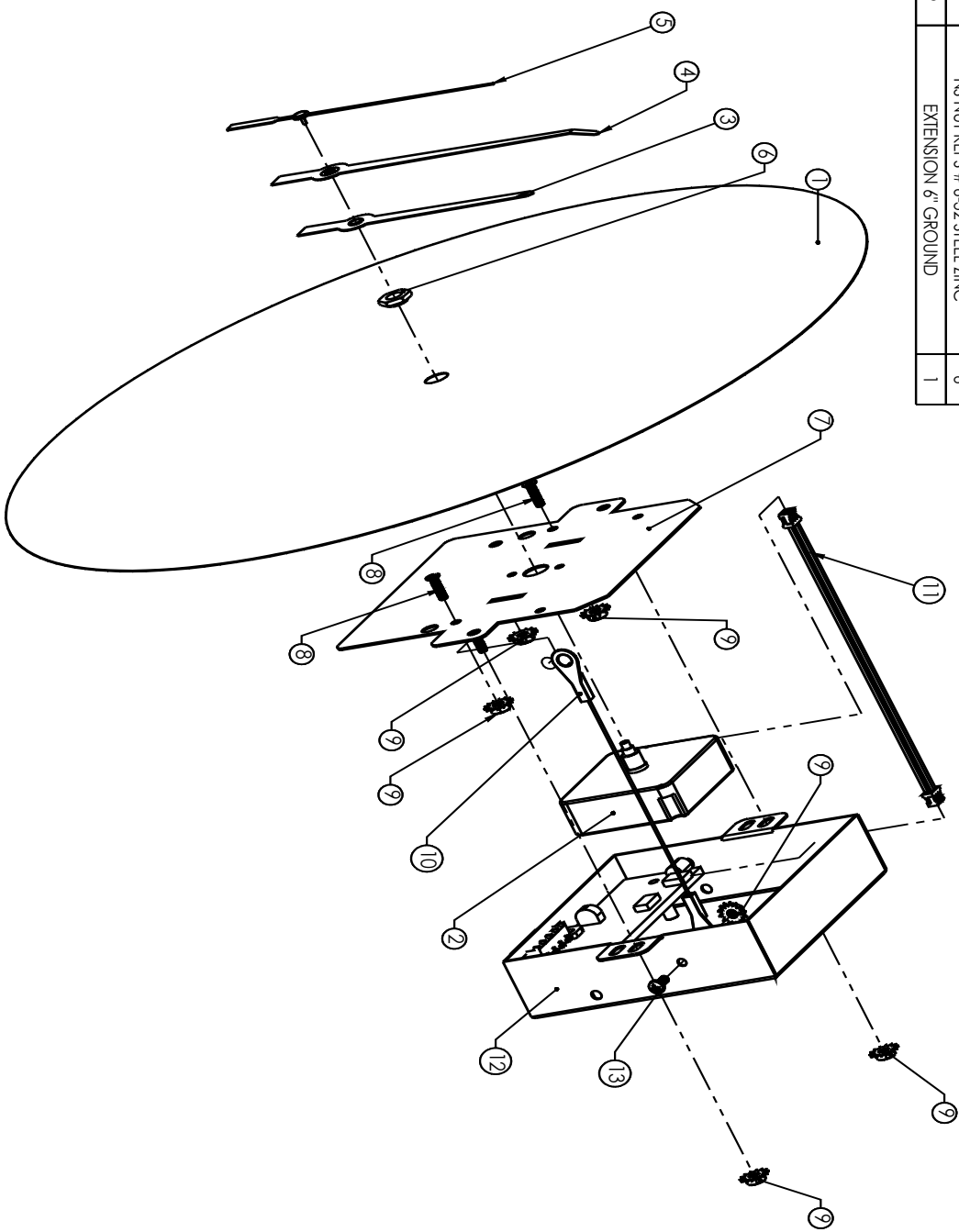


2. If assembling a 24V run/24V correction, move both jumpers to the 24V pins.



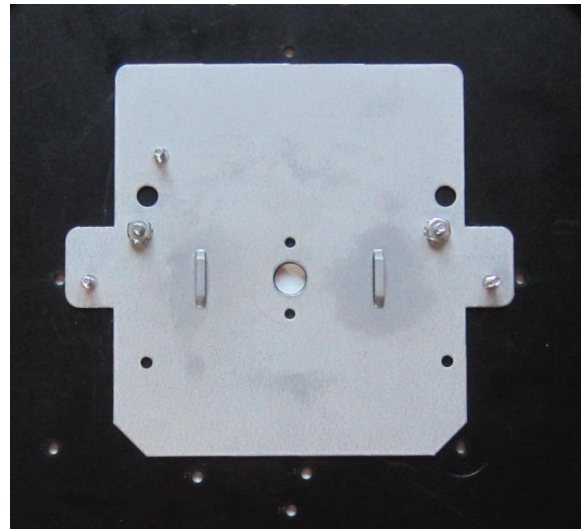
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Dial	DIAL/BACK PLATE	1	11	H003729	WIRING HARNESS, MV/NT TO TRANSLATOR 8", ALSTYNIC PLUS	1
2	H004640	MOVEMENT	1	12	ALSTYNIC Dust Cover Assy.	Dust Cover Assembly	1
3	H004585	Hand, Hr, 12" Style H	1	13	A1167	PHILLIPS PAN HD 6-32 X 5/16	1
4	H004586	Hand, Min, 12" Style H	1				
5	5119-S	Hand, Sweep, Red	1				
6	PR102190	NUT	1				
7	H003871	ADAPTER PLATE, DUSTCOVER ALSTYNIC PLUS, SETCO FOR REPAIRS	1				
8	A3229	SCREW 6-32 X 5/16 FLAT HEAD	2				
9	18965	NS NUT KEPS # 6-32 STEEL ZINC	6				
10	H002659	EXTENSION 6" GROUND	1				

ASKIT-03



ADAPTER PLATE INSTALLATION

1. Line up the adapter plate, studs up, with the center hole of the plate aligned with the center hole of the backplate and with two of the holes from the previous movement.
2. Attach adapter plate to backplate using two screws (**A3229**) and two nuts (**18965**).



MOVEMENT INSTALLATION

1. Insert movement (H004640) through the center hole from the back of the backplate. Movement should seat between the two bridges.
2. Install center nut (**PR102190**).



HAND INSTALLATION

1. Align the hour hand with the 12:00 position and push down onto the shaft all the way down to the hour shoulder.
 - 1.1 If the hour hand needs to be adjusted, it must be pulled off the shaft and re-aligned.
2. Apply the minute hand to the clock at the 12:00 position and push down onto the shaft and push the hand all the way down to the minute shoulder.

Note: Tip of minute hand is factory-bent to accommodate the crystal

3. Apply the sweep by aligning it to the 12:00 position, place spacer directly under the sweep so that it is in between the minute hand and the sweep hand.
4. Push down on the sweep hand until the sweep contacts the spacer.
5. Remove the spacer.

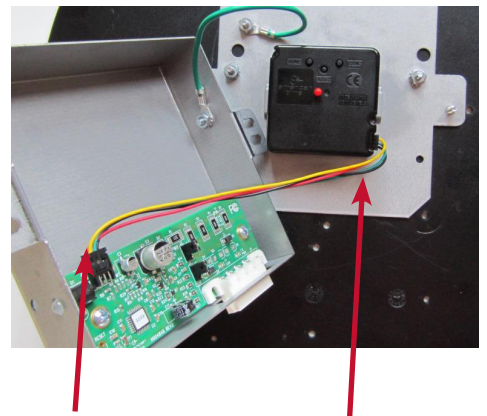
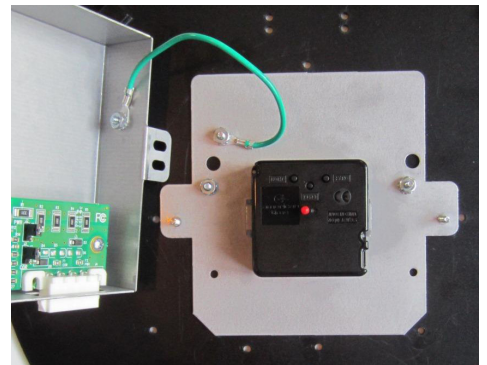


6. Ensure the spacing between the hands is as even as possible as shown in the picture.



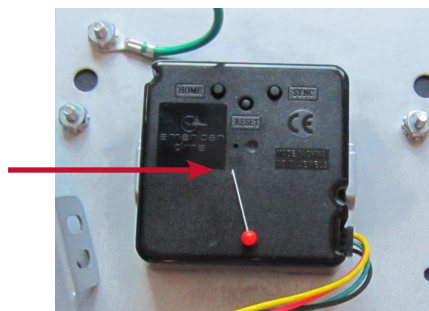
GROUND WIRE AND CABLE HARNESS

1. Add ground wire (**H002659**) to the inside of the dustcover with a screw (**A1167**) and nut (**18965**). The screw goes in from the outside and nut is fastened on the inside of the dustcover.
2. Fasten the free end of the ground wire to the bezel on the clock.
3. Take one end of the cable harness and insert into the movement with the yellow and green wires facing up. Take the other end and insert into the board with the yellow and green wires facing away from the dustcover. Note: the cable plug is keyed and will only insert if properly oriented -- do not force the plug into the board terminal.

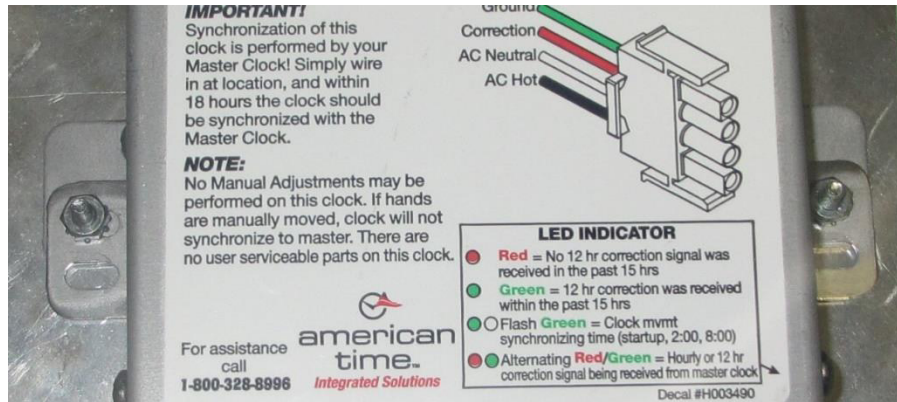


DUSTCOVER INSTALLATION

1. Remove the pin from the movement.



2. With the back of the dustcover facing upwards, place dustcover/bracket assembly down onto the backplate, over the two studs and fasten with two **18965** nuts.



3. Clock is ready to be reinstalled into the bezel/crystal assembly.

IMPORTANT: After installing into the bezel/crystal assembly, check to make sure that the hands are not touching each other, the crystal, or the dial, as this will cause the hands to stop or lose time.

