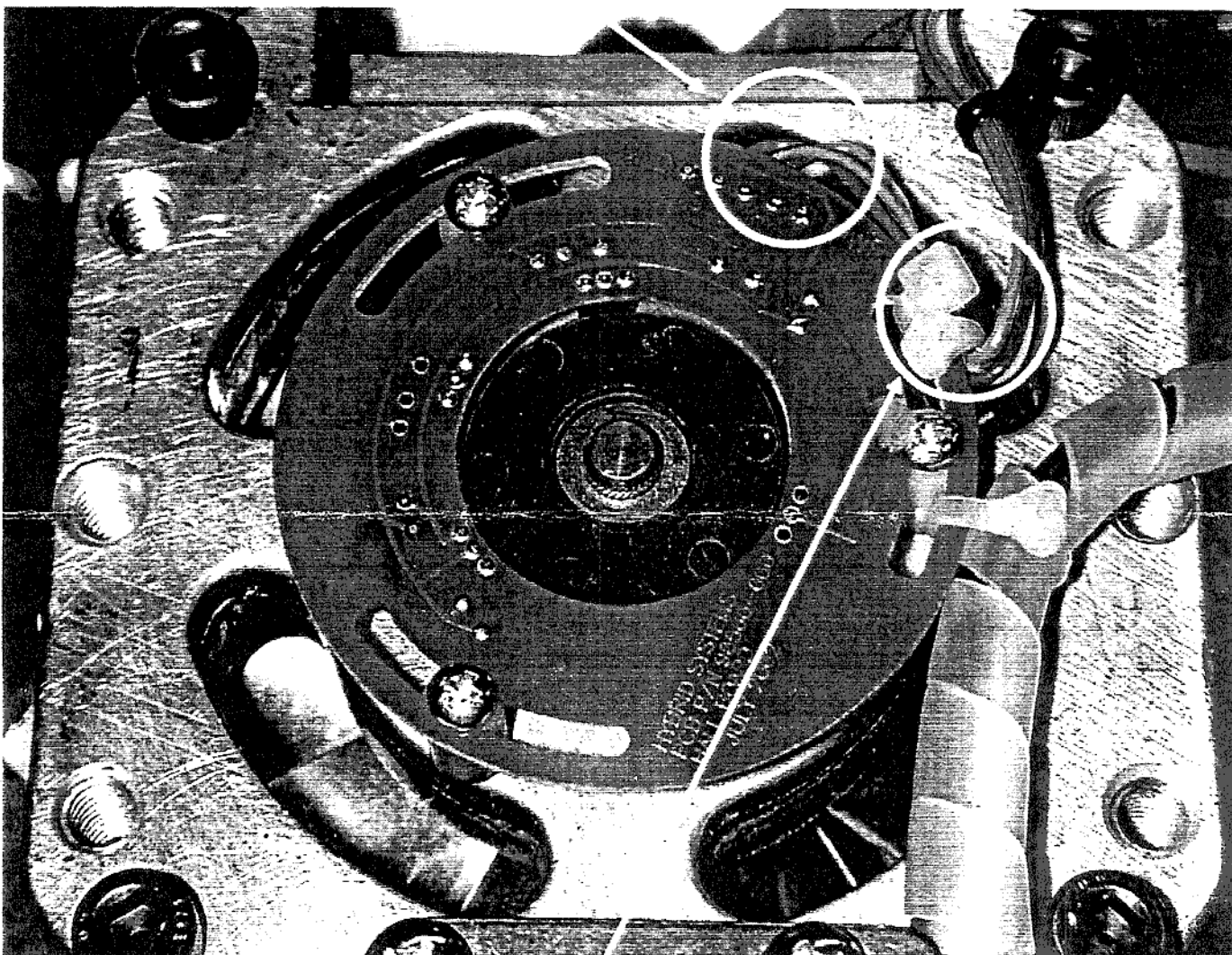


# Bona Advantedge Switch

Protect the motor wires.



Wire tie configuration

**“ADVANTEDGE SWITCH REPAIR KIT”  
INSTRUCTION SHEET  
PN-AS3000339**

**CONTENTS:**

- 1 EA. CONTROLLER BOARD
- 1 EA. SWITCH
- 2 EA. PIGGYBACK BLUE CONNECTOR
- 4 EA. CABLE TIE (2 SMALL & 2 LARGE)

**NOTE:** SHOULD YOU NEED ASSISTANCE AT ANY TIME WHILE PERFORMING THE FOLLOWING, PLEASE CONTACT; ROD CONRAD OR MARCEL SAILAS AT 800-872-5515

1. REMOVE THE 4 EA. ALLEN BOLTS FROM THE HANDLE ON TOP OF THE UNIT AND SET THE HANDLE ASIDE.
2. GENTLY REMOVE THE MOTOR COVER FROM THE MOTOR AND, WHILE TURNING IT UPSIDE DOWN, PLACE THE MOTOR COVER UPSIDE DOWN BESIDE THE MOTOR .
3. CUT AND REMOVE THE CABLE TIES FROM THE WIRES OVER THE CIRCUIT BOARD. (***REMEMBER HOW THESE WIRE TIES ARE POSITIONED***)
4. REMOVE THE SWITCH FROM THE MOTOR COVER.
5. REMOVE ALL OF THE WIRES FROM THE SWITCH AND SEPARATE THE LAMP ASSEMBLY'S BLACK WIRE FROM THE INCOMING POWER CORD'S BLACK WIRE AT THE PIGGYBACK CONNECTOR

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- ✓6. REMOVE THE WIRE NUT FROM THE THREE WHITE WIRES AND SET IT ASIDE.
- ✓7. DISCONNECT THE THREE MOTOR WIRES FROM CIRCUIT BOARD AND THEN REMOVE THE MULTI-WIRE PLUG CONNECTION FROM JP-4. (DO NOT PULL ON THE WIRES TO REMOVE ANY OF THESE CONNECTIONS)
8. REMOVE THE CIRCUIT BOARD BY REMOVING THE 4 SCREWS, TWO THAT WERE UNDER THE HANDLE AND TWO NEXT TO THE HANDLE SLOT.
9. REMOVE THE THE CIRCUIT BOARD FROM THE MOTOR COVER AND SCRAPE OF THE WHITE PASTE HEAT SINK COMPOUND FROM THE CIRCUIT BOARD MOUNTING BRACKET AND SAVE THE PASTE FOR THE NEW CIRCUIT BOARD MOUNTING BRACKET.
10. REMOVE THE 2 EA. 6” BLACK WIRES FROM THE CIRCUIT BOARD AND SET THEM ASIDE.
- ~~11. CUT THE SINGLE FEMALE SPADE CONNECTOR FROM THE LAMP ASSEMBLY’S BLACK WIRE.~~
12. STRIP THIS BLACK WIRE BACK 3/8” AND CRIMP ON THE SUPPLIED PIGGYBACK FEMALE SPADE CONNECTOR.
13. ATTACH ONE OF THE 6” BLACK WIRES TO THE PIGGYBACK SPADE CONNECTOR ON THE BLACK WIRE OF THE INCOMING POWER SUPPLY CORD.
14. ATTACH THE OTHER 6” WIRE ONTO THE MIDDLE LUG, J-6, OF THE NEW CIRCUIT BOARD.
- ~~15. ATTACH THE PIGGYBACK CONNECTOR ON THE BLACK WIRE OF THE INCOMING POWER SUPPLY CORD AND PUSH IT ONTO THE LUG AT AC-1 OF THE NEW CIRCUIT BOARD.~~
16. INSTALL THE HEAT SINK PASTE THAT WAS PREVIOUSLY REMOVED FROM THE OLD CIRCUIT BOARD ONTO THE NEW CIRCUIT BOARD.
17. POSITION THE NEW CIRCUIT BOARD IN PLACE WITHIN THE MOTOR COVER AND REASSEMBLE USING THE 4 EA. PREVIOUSLY REMOVED SCREWS.

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18. THE OPPOSITE END OF THE 6” WIRE ATTACHED TO AC-1 ON THE CIRCUIT BOARD WILL BE CONNECTED ONTO THE NEWLY INSTALLED PIGGYBACK CONNECTOR OF THE LAMP ASSEMBLES BLACK WIRE AND CONNECT THIS PIGGYBACK COMBINATION ONTO THE SWITCH REMAINING END LUG.
19. CONNECT THE OTHER 6” WIRE COMING FROM J-6 OF THE CIRCUIT BOARD ONTO THE MIDDLE LUG OF THE SWITCH.
20. REINSTALL THE SWITCH WITH THE AC-1 PIGGYBACK COMBINATION ON THE TOP AS LOOKING INTO THE OVERTURNED MOTOR COVER.
21. RECONNECT THE 3 WHITE WIRES WITH THE WIRE NUT AND POSITION THE WIRES WITH THE NUT TOWARD THE BACK OF THE HOUSING.
22. RECONNECT THE MOTOR WIRES AND THE MULTI-WIRE PLUG ONTO THE CIRCUIT BOARD.
23. LAY THE UNIT ON ITS SIDE KEEPING THE SANDING DISK FREE TO TURN AND APPLY POWER.
24. BE SURE THE SWITCH IS IN THE OFF POSITION THEN TURN THE EDGER ON. IT WILL TAKE ABOUT 2 SECONDS FOR THE MOTOR TO BUILD UP TO FULL SPEED.
25. NOW, INSTALL THE SMALL CABLE TIE AROUND THE WIRES PASSING BY THE TOP OF THE CAPACITORS. DO NOT OVER TIGHTEN THIS TIE. THE WIRES SHOULD MOVE A LITTLE WITHIN THE TIE.
26. INSTALL THE LONG TIE UNDER THE CIRCUIT BOARD AND OVER ALL OF THE WIRES. TIGHTEN THE WIRE TIE UNTIL THE WIRES ARE JUST THE SWITCH LEVEL THIS WILL KEEP THE WIRES FROM INTERFERING WITH THE CIRCUIT BOARD ON TOP OF THE MOTOR WHEN THE MOTOR COVER IS RE-INSTALLED.
27. RE-INSTALL THE MOTOR COVER ONTO THE MOTOR WHILE CHECKING UNDER THE MOTOR COVER TO BE SURE NO WIRES ARE PINCHED DURING THIS PROCEDURE.
28. THE MOTOR COVER MAY NEED TO BE MOVED BACKWARD OR FORWARD TO PROPERLY ALIGN THE HOLES FOR THE HANDLE BOLTS.
29. REINSTALL THE HANDLE.

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30. REPACK THE OLD CIRCUIT BOARD WITH THE SWITCH AND RETURN THESE PARTS TO BONAKEMI FOR CREDIT.

