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## Alternate Start Switch for American Sanders OBS-18 and Pioneer Eclipse 250ST

The start switch used in the motors on 115V models of the OBS-18 and 250ST is no longer available. A field retrofit kit has been created to repair machines.

### Models Affected:

- 07014A
- 07076B
- 07081B
- 250ST1218T

### Discontinued Components:

- AS018100
- 47409A
- SA033500

### Retrofit Kit:

- SA037800

### Tools Required to Complete Repair:

- Phillips Screw Driver

### Estimated Time to Complete Repair:

- 10 to 15 minutes

Instructions to complete the repair are shown below.



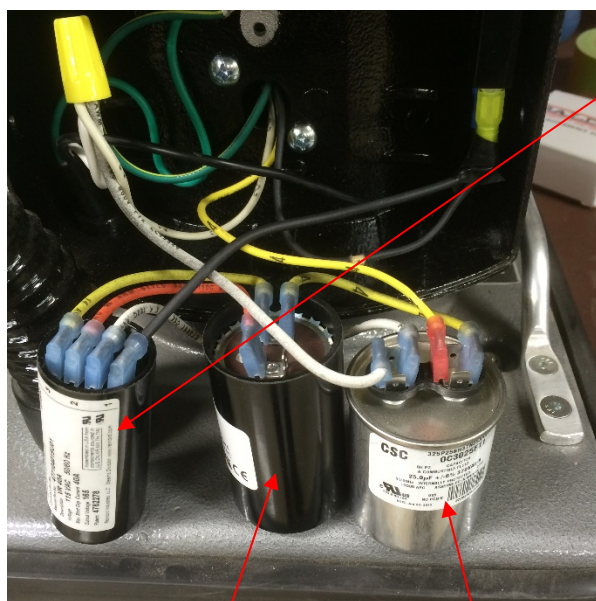
### Kit Components:

- AS112400 - Start Switch
- AS112500 – Start Capacitor

### Tools Required:

- Phillips Screw Driver

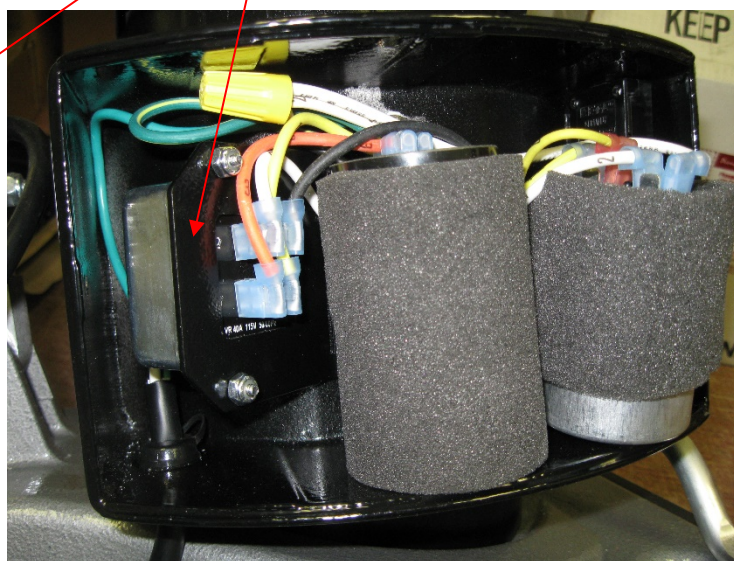
1. Disconnect power from machine.
2. Remove capacitor box cover.
3. Disconnect and remove current motor start switch.



Start Capacitor

Run Capacitor

Start Switch



4. Disconnect and remove start capacitor.



Start Capacitor

5. Remove #4 yellow jumper wire from run capacitor.



6. Disconnect the white #2 wire (that goes to the wire nut) from the run capacitor and connect it to the new start capacitor.



7. Move the #2 white jumper wire on the run capacitor to the other side of the run capacitor with the yellow #4 motor wire.



8. Using one of the #4 yellow jumper wires removed previously, connect one side of the wire to the terminal with the white wire on the start capacitor. Connect the other end to the open terminal on the run capacitor.



9. Using the #3 orange jumper wire previously removed, connect one side of the wire to the open terminal on the start capacitor. Connect the other side to the #1 terminal on the new start switch.



10. Connect the black wire to the #5 terminal on the new start switch.



11. Connect the white #2 jumper wire that is connected to the run capacitor to the #2 terminal on the new start switch.



12. Place components into capacitor box and install capacitor box cover.

