



SOLID STATE STARTING SWITCH CONVERSION - Part # 29 to Part # 291

Revision no:

1

Revision date:

March 25, 2022

The following symbols may be used in this document:

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION:** Indicates a hazard situation which, if not avoided, could result in minor or moderate injury.

NOTICE Indicates an instruction which, if not followed, could severely damage components or other property.

NOTE: The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function.

WARNING

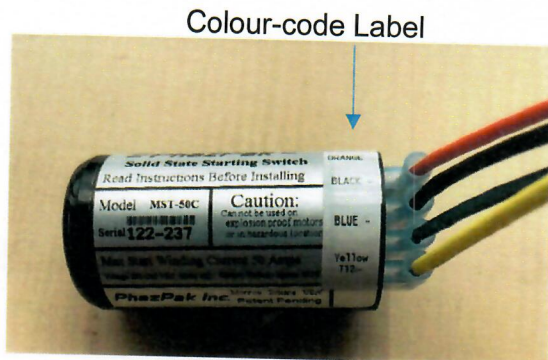
- Disconnect the electrical plug before doing any repairs or maintenance to the machine.
- Service must be done by **Authorized personnel only**.
- All electrical repairs **must** be done by **Authorized personnel only**. The machine must be tested after any electrical repairs are made to make sure it is safe to operate.

INSTALLATION:

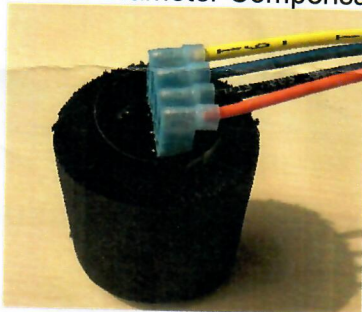
NOTICE Install wiring as per colour code on label. DO NOT install wires by swapping one by one to the like position from Part # 29 (Sinpac) to Part # 291 (Solid State Starting Switch).

1. Using a 7/16" wrench, remove the # 9 capacitor cover. Remove the lower bolt first, then the two upper bolts.
2. Flip over # 9 cover to expose components.
3. Loosen and remove the ¼-20 nut retaining the T-Bracket.
4. Remove Sinpac, part # 29.
5. Gently remove wires from Sinpac by pulling upon the insulated terminals. Use a long-nose plier if needed.

6. Locate the colour-code label on Part # 291 (Solid State Starting Switch).



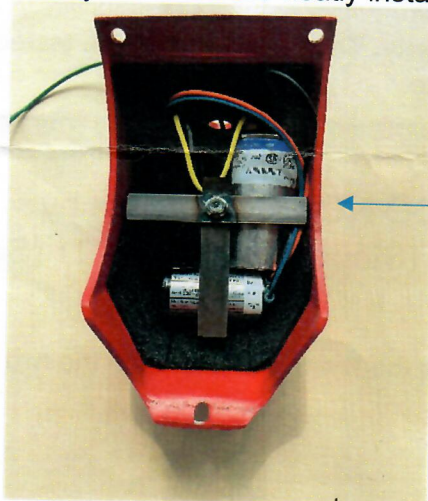
7. Install the coloured wires based on the location specified on the label.
8. Install Diameter Compensation Sleeve, Part # 287, around part # 291



9. Install Solid State Starting Switch # 291 in the same location as Part # 29.

NOTICE Verify that the insulated terminals on the Solid State Starting Switch and capacitors are not in contact with the # 9 cover.

10. Install T-Bracket and snug up the retaining nut. DO NOT OVER TIGHTEN NUT!
11. Verify the wires are neatly installed under the # 9 cover prior to installation.



T- Bracket

12. Reinstall the # 9 Capacitor Cover. Install bolts in reverse order of removal.