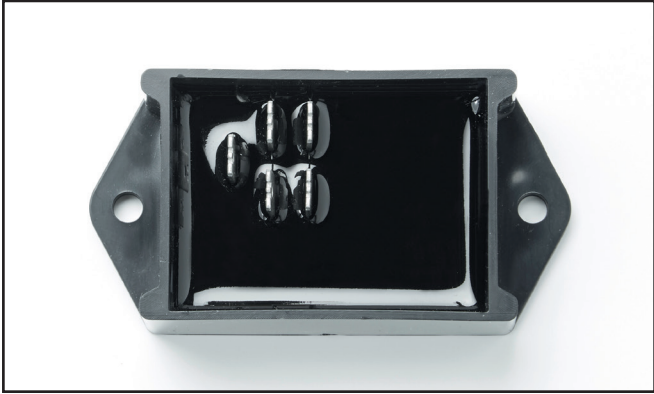


SoftStart Adapter Kit Installation Instructions

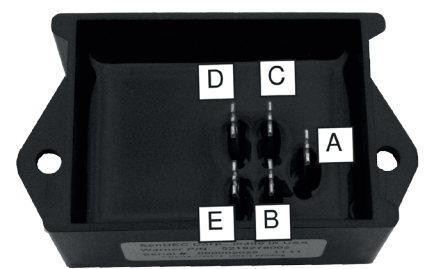
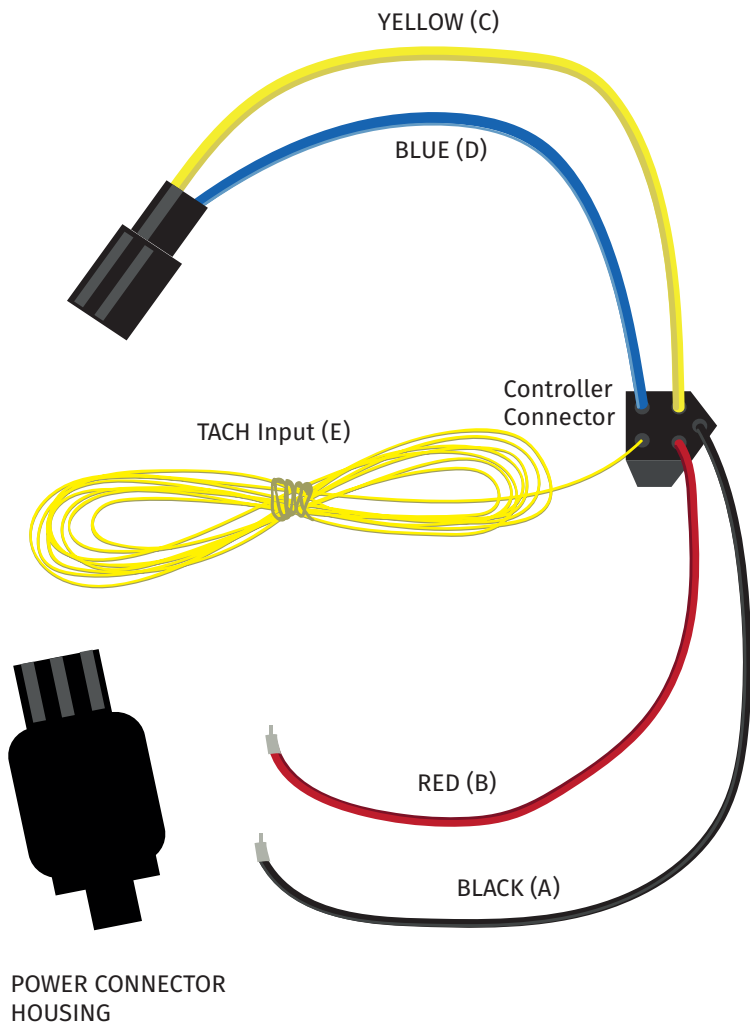


Model SS808-8I for Gas Powered equipment

Model SS808-8D for Diesel, Electric, or other powered equipment

The following photograph shows the SoftStart control module and an adapter harness that is designed to connect between the clutch and the existing machine harness. The input power terminals have not been installed in the connector housing because polarity may differ between machine manufacturers.

IMPORTANT: Red must connect to (+) and black to (-) or damage to control module may result! See instructions below for details.



A = Ground
B = +12 VCD Supply
C = Clutch OUT +
D = Clutch RETURN
E = RPM Tachometer trigger (for closed loop versions). Inductive for Gas equipment, Alternator Output for Diesel, Other Pickup options available)

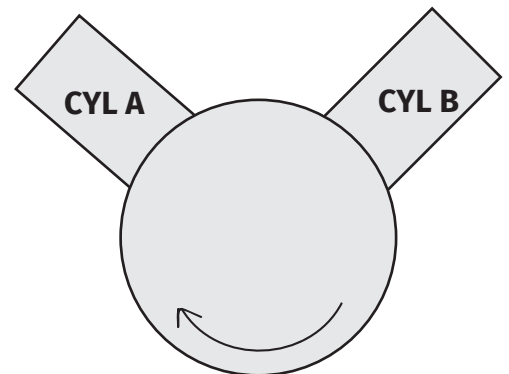


SoftStart Adapter Kit Installation Instructions

1. Unplug the clutch from the machine harness.
2. Turn on the ignition and satisfy interlocks necessary to enable PTO.
3. Turn on the **PTO** switch and measure the polarity of the voltage at the clutch connector on the machine harness.
4. Turn off the PTO switch.
5. Install **RED** wire in **POWER CONNECTOR HOUSING** location that connects to the (+) power terminal.
6. Install **BLACK** wire in **POWER CONNECTOR HOUSING** location that connects to the (-) power terminal.
7. Plug the adapter harness **POWER CONNECTOR HOUSING** into the machine harness connector.
8. Plug the **CLUTCH** connector into the clutch.
9. Plug the **CONTROLLER CONNECTOR** into the SoftStart control module and mount the control module in a relatively cool location.
10. Refer to the figure below for “Cyl A” and “Cyl B” definition. (For single cylinder applications, ignore references to Cyl B and continue to step 11)

CYL A is the first cylinder encountered in the direction of rotation.

NOTE: Cylinders are labeled A and B so as not to be confused with the engines manufacturer’s differing definitions for Cyl 1.



11. Route the yellow TACH INPUT wire to “Cyl A”. Keep routing as short as possible, while also routing away from the Cyl B ignition wire. Wrap 4-5 times around the Cyl A ignition wire as shown below. Installation is now complete.

