

Capacitor Kit - Installation



DANGER! Always DISCONNECT and LOCK or TAG OUT the power before starting to service the pump.

Choose correct installation instructions below for your particular application.

Installation in STP Junction Box (with existing capacitor already in place)

1. Remove junction box cover.
2. Slide rubber insulator away from capacitor.
3. Disconnect wires from capacitor, noting wire placement.
4. Remove capacitor.
5. Re-wire capacitor as shown. Connect red wire from the wire connector assembly to one capacitor terminal. Connect one black wire from the wire connector assembly and one black power lead wire to the opposite capacitor terminal.
6. Verify that all connections are proper.
7. Reinstall insulator over capacitor terminals.
8. Install capacitor in junction box.
9. Replace junction box cover.

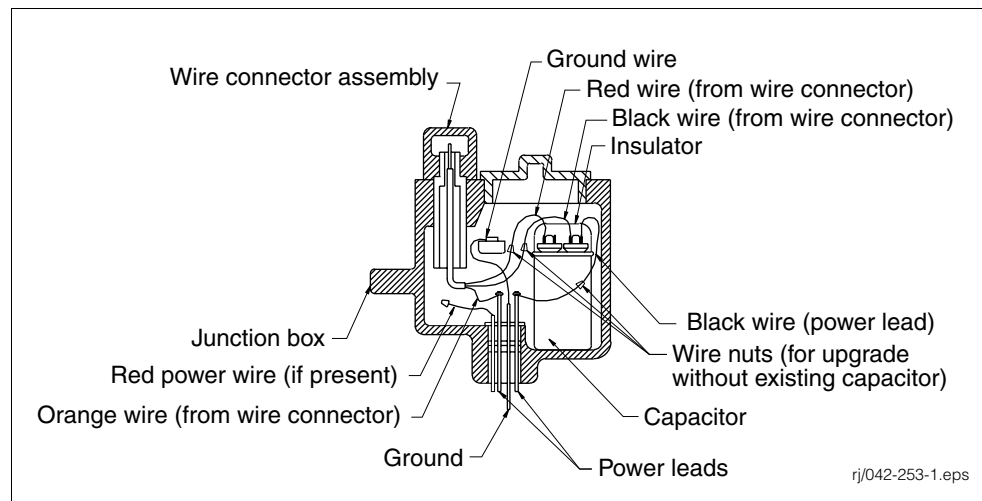


Figure 1. Installing capacitor

Installation in STP Junction Box (without existing capacitor already in place)

1. Remove junction box cover.
2. Disconnect black and red wires only.
3. Terminate the end of the red power lead wire.
4. Strip back 3/8" (10 mm) of insulation on the red and black wires from the wire connector assembly and the black power lead wire from the supply.
5. Route these wires through hole(s) in insulator.

6. Wire capacitor as shown using insulator, wires and wire nuts provided. Use red wire provided to connect red wire from wire connector assembly to one capacitor terminal. Use one black wire provided to connect black wire from the wire connector assembly to the opposite capacitor terminal. Use other black wire provided to connect the black power lead wire to the capacitor terminal already wired with black wire from wire connector assembly.
7. Verify that all connections are proper.
8. Install insulator over capacitor terminals.
9. Install capacitor in junction box.
10. Replace junction box cover