

Instructions

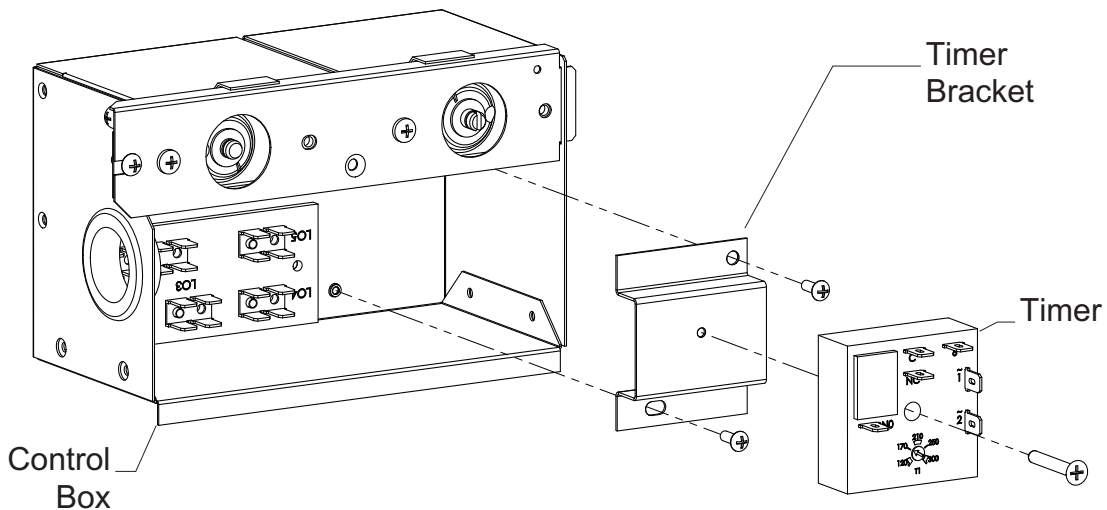
for replacing the electro-mechanical timer and switch with a time delay relay

Applicable to all models prior to DCE33 "D"

Parts included with kit:

- Solid state timer relay
- Harness
- Black/white 7" wire
- (2) Screw #6 x 3/8" pan head
- Screw #8 x 1 1/4" flat head screw
- Timer bracket
- Wiring diagram

1. Disconnect electricity to machine.
2. Remove control box cover.
3. Remove bracket for cube size control and bin level control (4 machine screws & 1 sheet metal screw). Be careful not to kink cube size and bin level tubes.
4. Remove existing timer by removing two screws and all wires connected to it.
5. Attach timer bracket to control box with two #6 x 3/8" pan head screws. Orient bracket so that the slotted hole is on the bottom.



6. Plug in harness to timer as indicated.

- RED wire (w/2 wires) to "C" on timer.
- RED wire (wire not bundled) to "1" on timer.
- PURPLE wire to "6" on timer.
- BLUE wire to "NO" on timer.
- ORANGE wire to "NC" on timer.
- WHITE wire to "2" on timer.

7. Attach new timer to timer bracket using one #8 x 1 1/4" flat head screw. Orient timer so that the adjustment dial is at the bottom.

8. Attach PURPLE wire from terminal #6 on timer to terminal #2 on cube size control.

9. Attach BLUE wire from "NO" on timer to L03 on board.

10. Attach WHITE wire from terminal #2 on Timer to L02 on board.

11. Attach ORANGE wire from "NC" on timer to L04 on board.

12. Attach RED wire (second wire) from "C" on timer to L05 on board.

13. Confirm timer is set for approximately 170 seconds (about 2 3/4 minutes).

14.

Gravity model: Remove BLACK wire from bin level control and attach to L01 on board. Attach BLACK/WHITE 7" wire from L01 on board to bin level control.

Pump model: BLACK/WHITE wire is not needed - continue to next step.

15. Reattach bracket, cube size control and bin level control.

16. Connect power and turn bin level to start machine. The machine will start in Harvest cycle. Freeze cycle with start in about 3 minutes. Check cube size and adjust as needed.

17. Attach wiring diagram over old diagram on control box cover.

18. Reattach control box cover.