

IN THIS ISSUE:

Changes to TouchPoint Power Supply Connection.....	2
Best Flow Rates for Stubborn Dispenser Valves.....	3

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CONTACT INFO

Lancer Sales: (800) 729-1500
Lancer Customer Service: (800) 729-1500
Lancer Warranty: (800) 729-1550
Lancer USA: (210) 310-7000
Canada: (210) 310-7187
Latin America: (210) 310-7000
International Sales: (210) 310-7063
Europe: 32-2-755-2390
Australia/New Zealand: 61-8-8268-1388
Email: custserv@lancercorp.com
Lancer Website: www.lancercorp.com



Changes to TouchPoint Power Supply Connection

Technical Bulletin Reference No. 2401-001

In February 2017, Lancer introduced a new power supply cord for the TouchPoint dispensers, which led to an update of the unit's motherboard connections.

The old motherboard used a 7.4 mm x 2.5 mm DC barrel jack connection and the new motherboard uses a 5.5 mm x 2.5 mm DC barrel jack connection.



-Old Motherboard with 7.4 mm x 2.5 mm DC barrel jack



-New Motherboard with 5.5 mm x 2.5 mm DC barrel jack

The old power supply cord used a 19 VDC Power Supply with a 7.4 mm x 5.0 mm DC barrel jack. The new power supply cord uses a 12 to 24 VDC power supply with a 5.5 mm x 2.5 mm DC barrel jack.



- Old 19 VDC Power Supply Cord Connection



-New 12 to 24 VDC Power Supply Cord Connection

If a unit is still using the old power supply (19 VDC), a 7.4 x 5.0 mm female to 5.5 x 2.5 mm male power supply adapter, like the one shown below, will be required to connect to new motherboard.



5.5 x 2.5mm Male

7.4 x 5.0mm Female

The following are all the updated part numbers associated with the update of the power supply and motherboard of the TouchPoint dispenser:

<u>Part Number</u>	<u>Description</u>
52-3414/01	2 x 4 GB Memory Card
64-5066/01	Motherboard, PCB Assembly
45-3682/01	64 Bit IC Processor
52-3834	DC Power Adapter Cable

For more information about the new TouchPoint Dispenser motherboard and power supply, contact your Lancer Customer Service Representative.

Best Flow Rate for Stubborn Dispenser Valves

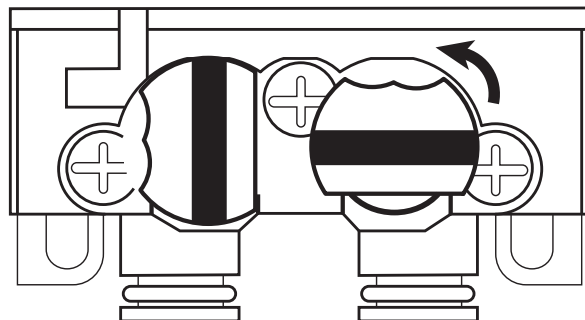
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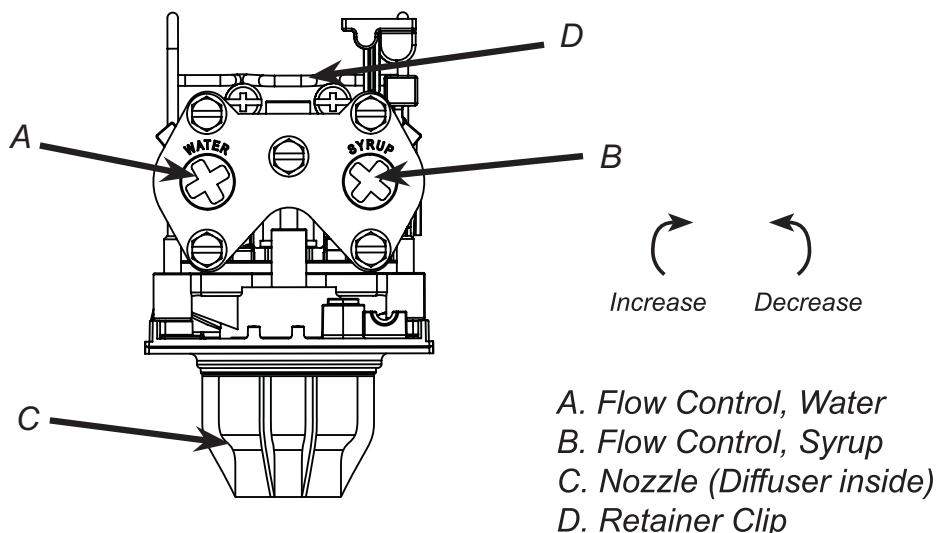
The Stubborn Ice Beverage Dispenser features unique soda flavor combinations and is made with Fair Trade Certified cane sugar, stevia, and other natural preservatives and Stubborn does not compromise on those ingredients, flavors, or the way their product is experienced. In order to utilize the best possible drink on the Lancer Stubborn Ice Beverage Dispenser, Lancer is advising the technicians in the field to set the valve flow rates to 2.0 ounces per second. The standard valve flows anywhere between 3.0

to 4.5 ounces per second, however by reducing the flow rate on the Stubborn Dispenser valves to 2.0 ounces per second greatly reduces the chance for foaming of the naturally flavored syrups. The slower flow rate allows the syrup and carbonated water to mix more naturally and provide a much more pleasing drink experience.

In order to reduce the flow of the valves, first close the syrup shut off at the mounting block.



Then set the flow rate of the carbonated water to pour approximately 8 ounces of water in 5 seconds. Re-open the syrup shut off at the mounting block, then adjust the ratios of the carbonated water to syrup to 5:1 using a Lancer ratio cup or Brix cup.



- A. Flow Control, Water
- B. Flow Control, Syrup
- C. Nozzle (Diffuser inside)
- D. Retainer Clip