

INSTALLATION INSTRUCTIONS

Replacing Air Cylinder P/N 620316505

SAFETY INSTRUCTIONS

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

These instructions describe the replacement of the Air Cylinder in an ED 250BCP Progate dispenser.

1. Turn OFF the switch to valves to prevent actuation. Remove slanted grill.



Figure 1.

2. Remove the 2 thumb screws from the black drip cup and remove the cup from splash panel.



Figure 2.

3. Remove the clear splash guards from the sides by removing the two Phillips head screws from each guard.



Figure 3.

4. Loosen the long Phillips head screws at the lower corners of the splash panel.

NOTE: Do not remove screws from the holes.



Figure 4.

5. Remove the splash panel from the dispenser.



Figure 5.

6. Loosen the 1/4-28 nut securing the ice gate to the cylinder rod.



Figure 6.

7. Remove the gate, gasket, and bracket from the air cylinder rod. The rod must be turned counter clockwise to loosen and remove the gate, gasket, and bracket.



Figure 7.

8. Loosen the large nut holding the air cylinder to the ice chute. To do this you will need to hold the cylinder head with a channel lock pliers.

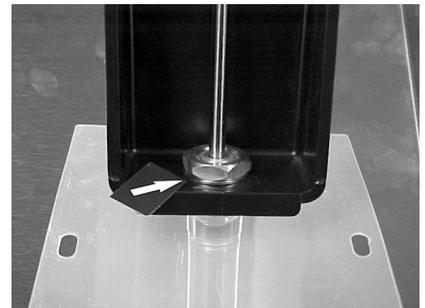


Figure 8.

9. Remove the translucent drip shield from the air cylinder. Discard the old drip shield, the kit includes a new drip shield.

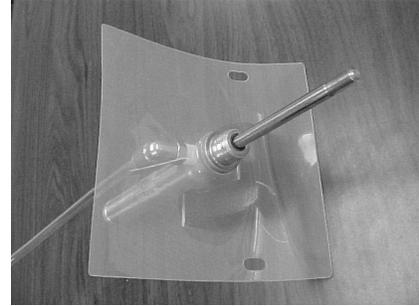


Figure 9.

10. Remove the 90 degree fitting from the old cylinder. Seal the threads with PTFE tape and install into the new cylinder.



Figure 10.

11. Re-assemble all the parts into the dispenser following the previous steps in the reverse order. After re-assembly is complete check ice portions and re-adjust, if necessary.

NOTE: When reinstalling the ice gate plate and jam nut, apply thread locker to the threads on the air cylinder prior to assembly. Failure to do this could result in the ice gate coming loose causing uncontrolled ice dispense when in the automatic mode.