

# Technical Data Sheet

## H-II Alginon Target Replacement

**Date:** 10/29/2012

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### **KIT CONTENTS:**

Target (welded to the inshot burner)

### **TOOLS REQUIRED:**

Phillips Screwdriver  
Slotted Screwdriver  
Pliers

**BEFORE YOU BEGIN:** Be sure that the system is unplugged.

**NOTE:** Refer to the exploded view on the inside cover of the Alginon Manual to identify the various parts.

### **PROCEDURE:**

- 1) To expose the interior of the Alginon unit, remove the 7 phillips screws that holds the chassis cover (Gem 17) to the unit.
- 2) Remove the plenum cover (Gem 12) located over the ignitor by removing the two screws that hold it in place. Note that the slide cover (Gem 33) will be removed when the plenum cover is removed.
- 3) Use the slotted screwdriver to remove the screw from the inshot burner (Gem 24).
- 4) Slide the inshot burner outward to remove.
- 5) Replace the new inshot burner with the replacement target attached. Make sure the inshot burner and target are centered in the delivery tube.
- 6) Re-assemble the unit by reversing procedures.
- 7) Position the plenum cover and slide cover and attach using the sheet metal screws. The slide cover should be in the closed position.

8) Re-attach the chassis cover by replacing the 7 sheet metal screws. To avoid Vibration, make sure all these screws are snug.

**NOTE:** When the gas burner is operating, the target spreads the flame in a daisy pattern. It is vital that a portion of this flame maintains contact with the ignitor (which is also a flame sensing unit). If flame does not maintain contact, it may be necessary to make a slight adjustment to the target. The stem of the target should remain straight horizontally. Using a pair of pliers, the target disc can be turned (about 1/8") to direct the flame toward the ignitor.