



12000/Model I-100 Injector Instructions

SPECIFICATIONS

Product Description

Spring loaded, stainless steel, two piece injector with injection molded end seal. Can be used with all current Delta Kits bridge assemblies.

OPERATION

Below are the basic steps of operation for the I-100 Injector. For complete windshield repair instructions, see the Delta Kits Windshield Repair Instruction Manual and Training Video.

1) Remove the plunger piston (male part), thread the cylinder body (female part) into your Delta Kits bridge assembly and attach to the windshield in accordance with the instructions included with your Delta Kits Bridge.

2) Load the injector with MagniBond resin. Be sure to get the resin to the bottom of the injector cylinder body so it fills the end seal. Use of an eye dropper or syringe will make it easier to fill the end seal and reduce resin waste.

3) Place the plunger piston in the vacuum position by holding the plunger piston with one hand while pulling up on the knurled piston knob with the other hand until you can rotate the piston knob clockwise ¼ turn to the upper position. Screw the plunger piston into the cylinder until it stops and initiate the pressure cycle by rotating the piston another ¼ turn while pulling up slightly until the piston slides into the lower position, slowly apply slight thumb pressure to the top of the piston knob to push the piston about 1/8" into the seal. The piston should remain in the pressure cycle for 5 minutes or until the break is at least 90% filled.

4) Place the piston to the vacuum position again, allow 30 seconds for the air to be pulled from the break and escape through the cylinder, and return to the pressure position for 2 minutes. Alternate between pressure and vacuum positions until all the air is removed from the break and it is completely filled with resin, using 2 minutes for each pressure cycle, and 30 seconds for each vacuum cycle. Always end repair with injector in the pressure cycle.

5) Remove the bridge from the break, quickly apply a drop of pit resin slightly below the break and cover with a curing tab, making sure that there are no air bubbles in the pit. If air bubbles are present, use a straight pin to pop them prior to application of the curing tab. (storing the pit resin bottle upside down prior to starting

the repair will help). Immediately apply a 365nm UV Curing Light for 5 minutes.

6) Remove the UV light, curing tab and scrape off excess resin using a new razor blade held at a 90° angle to the glass. Polish the pit for 1 minute with pit polish for the ultimate finished appearance.

7) Remove the piston from the cylinder, rinse thoroughly in denatured alcohol, dry with compressed air, and store parts separately. Keep injector parts out of sunlight and with the piston in the pressure (down) position.

MAINTENANCE

Service

If cleaned and stored properly your Delta Kits injector will provide years of trouble free service. Contact our Customer Service department if the injector is not functioning properly.

Cleaning

Separate the plunger from the injector body, and with the plunger in the vacuum position, rinse both parts for 30 seconds in denatured alcohol, then set plunger in the pressure position and rinse for an additional 30 seconds, and blow off alcohol residue with compressed air.

Storage

Always store the plunger and injector separately in your Delta Kits foam fitted tool box with the lid closed. Store plunger piston in the pressure position (down position).

WARNINGS

Failure to observe WARNINGS AND MAINTENANCE PROCEDURES COULD DAMAGE THE INJECTOR AND VOID THE WARRANTY.

- Do not allow any type of Ultra Violet light to come into contact with injector.
- Do not use heat or tools to free up operation, contact Delta Kits immediately for options.
- Do not attach to the glass with the injector or leveling screws in the down position.
- When screwing the plunger into the injector body, stop when threads bottom out; do not force it.

WARRANTY

12000 Injector

Limited Lifetime

Warranties are limited to manufacturer defects and normal use. Items neglected or abused will not be warranted. Proof of purchase required.