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Technical Guideline

Foot Control Toggle Assembly

TG-95-0242

Rev C | 03/01/17 | Page 1 of 2

PURPOSE

The purpose of this Technical Guideline is to assist with the replacement of the foot control toggle assembly in an ASI delivery unit.

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WARNINGS



WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repared by a qualified service technician who is proficient in the repair of electromechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.



WARNING – Compressed Air. The compressed air system that operates this unit is under pressure. Compressed air can propel dust or loose particles and can cause bodily injury or damage. Always turn the system off and bleed off air pressure before attaching or removing air lines or accessories or servicing this unit. All air lines should be periodically inspected and replaced if worn or damaged. If an outside compressed air supply is used to power this unit, the air supply must be regulated to 80 psi or below. Excessive air pressure could cause certain components to rupture.

PARTS INCLUDED

- Foot Control Toggle Assembly

TOOLS REQUIRED

- Phillips head screwdriver

INSTRUCTIONS

1. Turn off air supply to unit.
2. Run air/water syringe to relieve pressure from unit.



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- Referring to Fig. 1, remove toggle "HOUSING" screws (black arrows).
Remove outer "DOME" screws (yellow arrows) and set dome aside.

NOTE: Do not remove center "BLOCK" screws (white arrows).

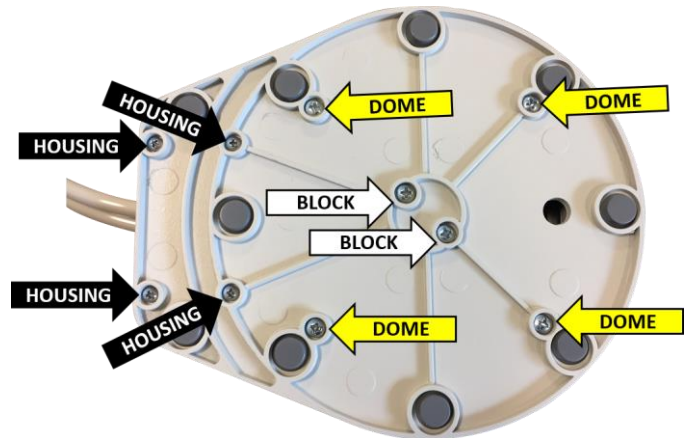


Fig. 1

- Remove toggle housing from base of pedal. Remove the 1/8" beige foot control tubing on the top barb of the toggle housing. Then remove the 1/8" grey tubing from the block. (Fig. 2a or Fig. 2b)

NOTE: Toggle housing may be plastic (Fig. 2a) or brass (Fig. 2b).

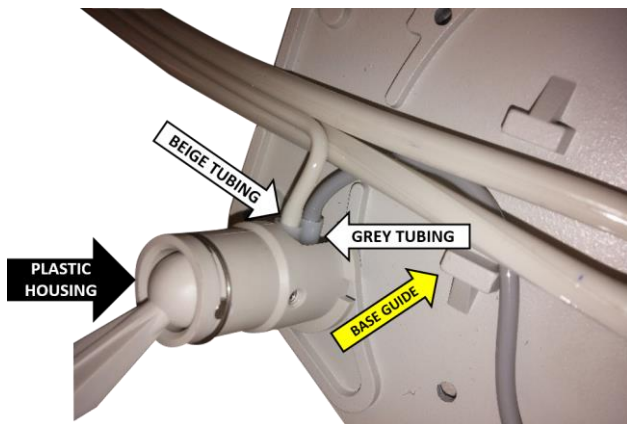


Fig. 2a

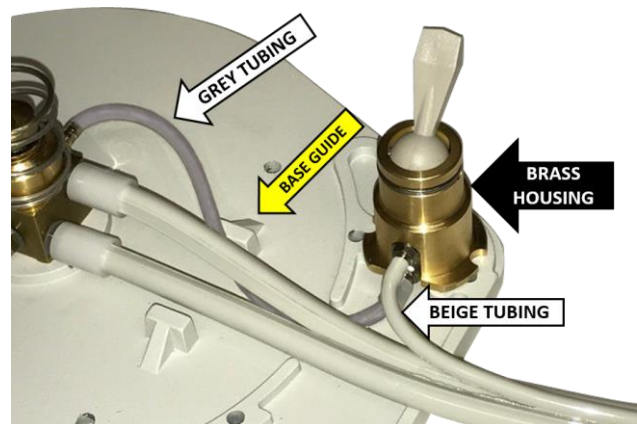


Fig. 2b

- Replace with new foot control toggle assembly. Be sure tubing is secure to barbs and grey tubing is within base guides so that it is not pinched or kinked during reassembly (see Fig. 2a/2b).
- Reassemble housing and dome. Test foot control for air and water function.