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Technical Guideline

Foot Control Repair Kit (for units manufactured 03/31/13 or earlier)

TG-95-0094

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PURPOSE

The purpose of this Technical Guideline is to demonstrate the installation of a Foot Control Repair Kit in delivery units manufactured March 31, 2013 or earlier.



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

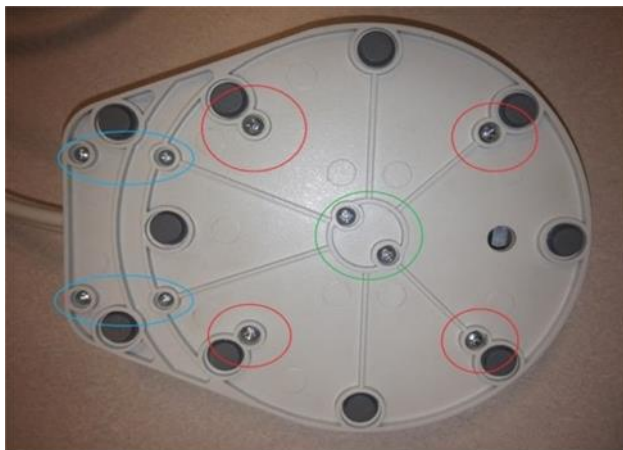
- Foot Control Repair Kit

TOOLS REQUIRED

- Phillips head screwdriver

INSTRUCTIONS

1. Turn off air supply to unit.
2. Run the air/water syringe to relieve pressure from the unit. Remove the outer dome screws using a Phillips head screwdriver. (Fig. 1) Remove the dome from the base. (Fig 2)



○ Removal of Dome ○ Removal of Block ○ Removal of Toggle Housing

Fig. 1



Fig. 2



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3. Remove the dome spring, valve pin, and valve pin spring. (Fig. 3)



Fig. 3

4. Remove the block screws (Fig. 1). Turn the Block upside and remove the O-rings and the spacers. Note the order the parts come out of the Block (Fig. 4).



Fig. 4



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5. Replace with new parts from repair kit. Apply dielectric compound grease to the O-ring.



Fig. 5

6. Reassemble dome with screws using a Phillips head screwdriver.
7. Turn on the air supply and test the foot pedal.