

	Diplomat Dental s.r.o., Vrbovská cesta 17, 921 01 Piešťany, Slovak Republic		
	Change description:	Change is valid for:	Technical information
	Swing Foot Controller potential issues	Foot Controller SWING	No.: 03_26
		Change is valid from:	Revision:
		1/03/2026	

Swing Foot Controller potential issues

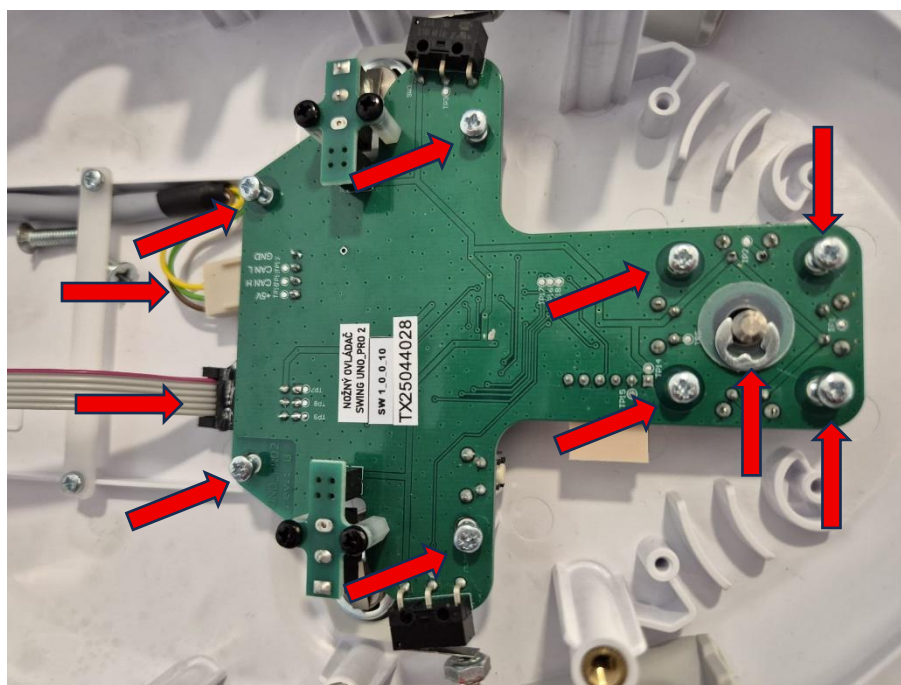
Dear valued partners, we would like to bring to your attention a potential issue with our **Swing Foot controller** for our **Diplomat Dental Model Pro and Model One** units.

We have recently identified a potential issue with our **Swing** foot controller which can impact the usability of the unit. The issue presents mainly as random movement of the chair after moving the chair from the joystick, or instruments not reacting to the pedal command.

The issue stems from a metallic washer located inside the pedal near the chair control buttons. The washer is insulated from the buttons via a piece of isolating tape. If the tape was not applied correctly during our assembly process or tape was torn through usage of the pedal, the issue described can arise. To temporarily fix this issue we recommend you re-apply the piece of insulation tape to ensure proper insulation of the contacts, until we finish testing a more robust and permanent solution.

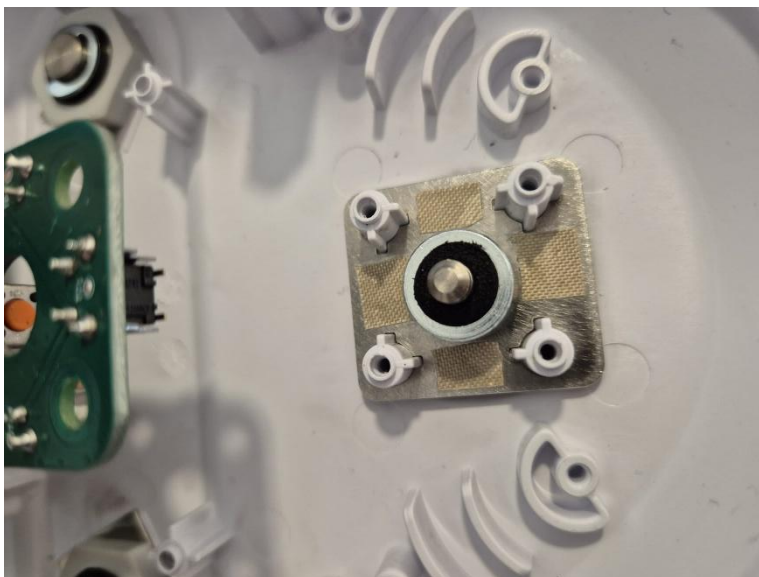
Below you can find a short instruction on how to access the metallic washer and its location:

- After you open the **SWING pedal** by removing the **C1** marked screws from the bottom, disconnect the top half and bottom half connected by a ribbon cable.
- On the top plastic part disconnect the marked cables and remove all marked screws, along with the marked security clip and its plastic washer as indicated in the picture below:

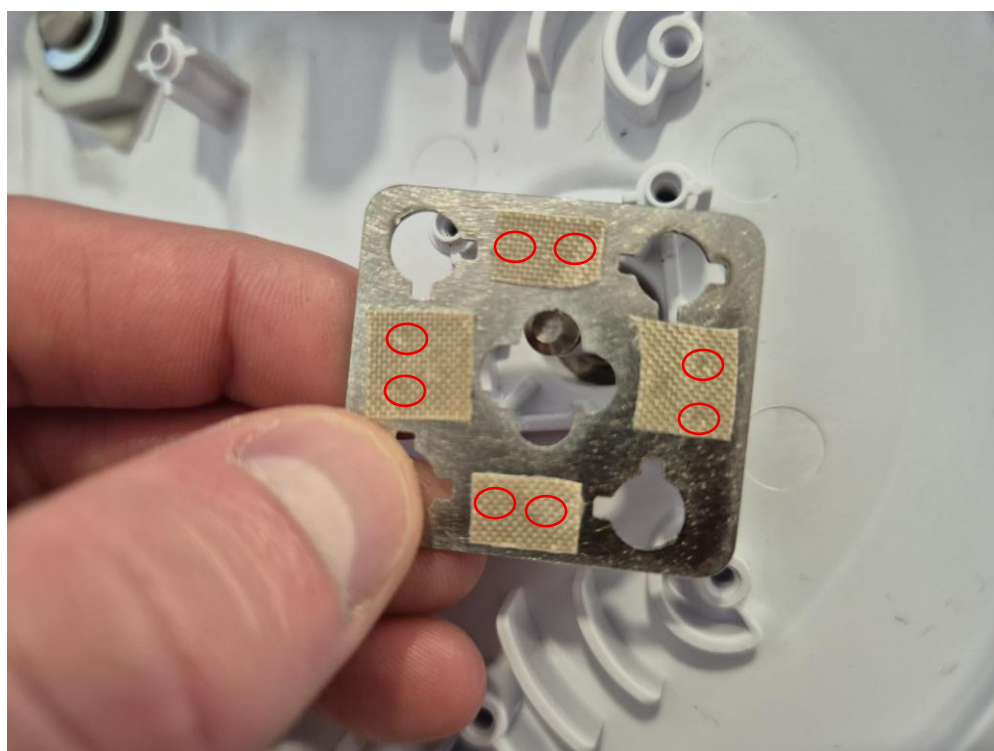


 DIPLOMAT DENTAL SOLUTIONS	Diplomat Dental s.r.o., Vrbovská cesta 17, 921 01 Piešťany, Slovak Republic		
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- After you remove all indicated parts you can remove the board from the plastic top cover, the Joystick can also be pulled out and removed.
- The metallic washer can be found on the plastic like so:



- Inspect the small indentation marks left by the module switches to ensure they are aligned in the correct places on the metallic washer to insulate the module – if there are no indentations, or they are not aligned on the tape, apply / re-apply the tape to ensure insulation from the micro-switches on the module



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- Once the tape is re-applied in the correct place to insulate the buttons you can re-assemble the pedal by reversing the steps.

If you have any further questions regarding this technical information or any other topic, please submit a ticket through our official ticket.diplomat-service.com website.

Thank you,

Your Diplomat Dental Solutions Team