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PURPOSE / OVERVIEW

This technical guideline provides instructions mounting the Dentsply X-Smart Pro+ to the mounting bracket installed on the ASI delivery system.

PARTS INCLUDED

Part Number	Description	Qty
90-B044	X-Smart Pro+ Mounting Brackets/Hardware	1

TOOLS REQUIRED

- Phillips heads screwdriver, #1
- 5/16" wrench/nut driver

IMPORTANT

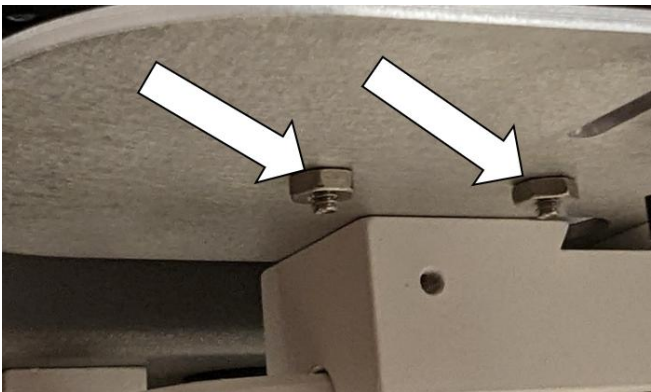
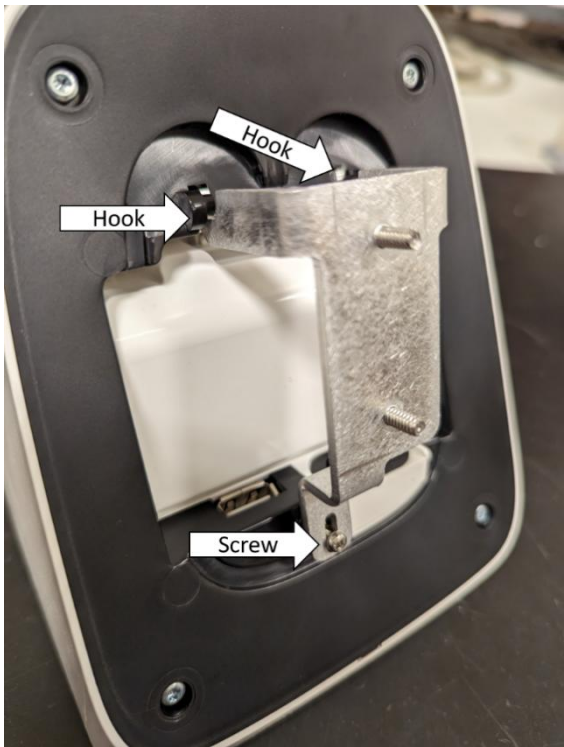
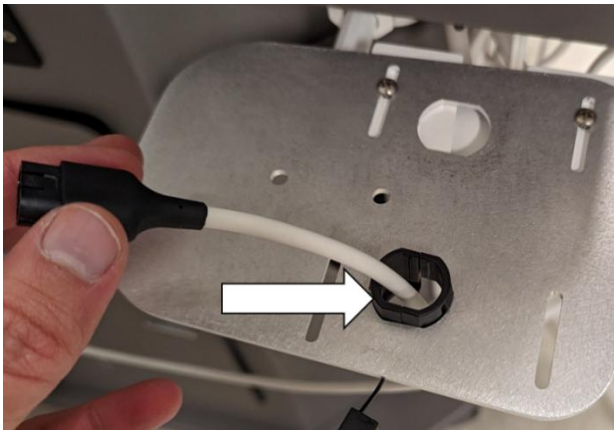
Before commencing the following instructions, please read and follow all applicable warnings/cautions listed at the end of this technical guideline.

INSTRUCTIONS

- 1 Turn the X-Smart Pro+ motor upside down, remove the one visible screw using a #1 Phillips screwdriver, and save the screw to be used later in the installation. Remove the baseplate by sliding it down and forward.



Fig. 1

2	Using a 5/16" wrench or nut driver, remove the two nuts on the bottom side of the mounting plate, to remove the bracket. (Fig. 2)	 Fig. 2
3	Clip the two hooks from the X-Smart Pro+ bracket onto the two pins in the bottom of the X-Smart Pro+ Motor Controller, then pivot the mount so the slot in the bracket lines up with the threaded nut in the base. Using the screw that was removed in Step 1, secure the bracket to the base of the motor controller. (Fig. 3)	 Fig. 3
4	Feed the handpiece motor cord through the outer hole of the bracket, then install strain relief into the hole, as shown. Do NOT clamp the motor cord into the strain relief at this point. (Fig. 4)	 Fig. 4

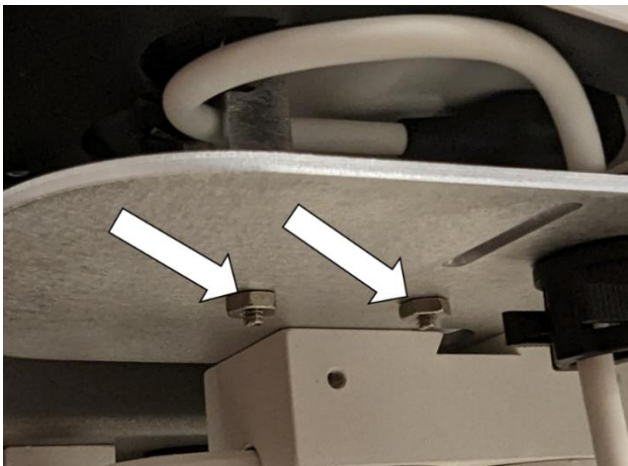
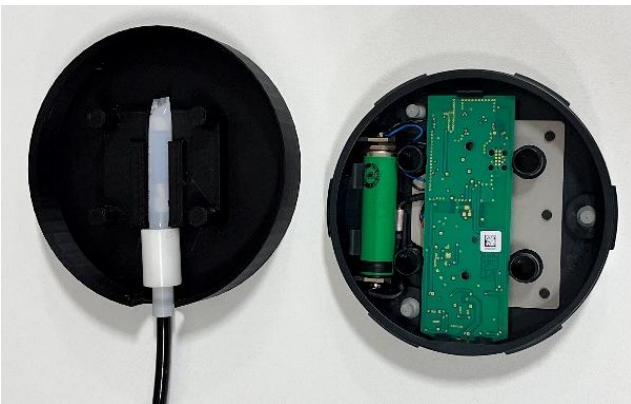
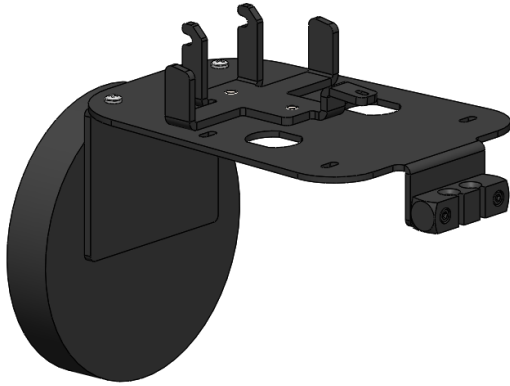
5	Feed the motor cable through the bracket attached to the X-Smart Pro+ and plug into the unit. (Fig. 5)	 Fig. 5
6	Re-attach the bracket, with the X-Smart Pro+ installed, onto the mounting plate, and secure with the nuts that were removed from step 2 using a 5/16" wrench or nut driver. (Fig. 6) i <i>Insure you are holding on to the X-Smart Pro+ while securing the nuts to insure it does not fall.</i> Tighten the clamp on the strain relief so the cord is secure.	 Fig. 6
7	Carefully remove the cover on the foot control. Then install X-Smart Foot Control Magnetic Actuator (80-0400) into the X-Smart Foot Control Cover (05-0305) and gently snap the X-Smart Foot Control onto the assembly, see figures 7a and 7b. The AUX jack on the X-Smart foot control will align with the opening in the cover and the actuator input tube.	 Fig. 7a

		 Fig. 7b
8	Peel the backing off the double-sided tape on the back of the Foot control cover and stick it to the X-Smart Bracket. (Fig. 8)	 Fig. 8
9	Install the male quick connect from the foot control into the female quick disconnect label "X-Smart". (Fig. 9)	 Fig. 9

10	Open the back or side door of the system to gain access to the power strip or power outlet inside the chassis, and plug the power supply in.	 Fig. 10
11	Feed the power cord through the access grommet on the side of the cart with the X-Smart Pro+ and plug it into the back of the motor controller. Plug in the probe cords and hang them in the probe cord hanger on the front of the bracket.	 Fig. 11

⚠ WARNING	⚠ WARNING
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QUESTIONS OR ASSISTANCE

For technical support, contact ASI Dental Specialties:

Web: ASIsupport.com | Email: ASIservice@ASIsupport.com | Phone: **303.407.6072** | Parts: ASI.parts

REVISION HISTORY (For Internal Master Part File Only)

CO #	Rev	Description of Change	Author	Approval Date
CO-24-123	A	Release of Tech Guide	K. Vogel	08/07/24
CO-26-119	B	Revision of Step 7 to add part #'s for X-Smart Foot Control Actuator (80-0400) and X-Smart foot control cover (05-0305).	P. Wick	08/17/26