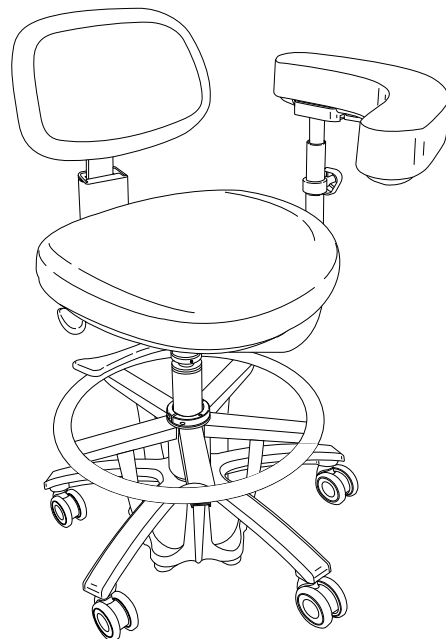
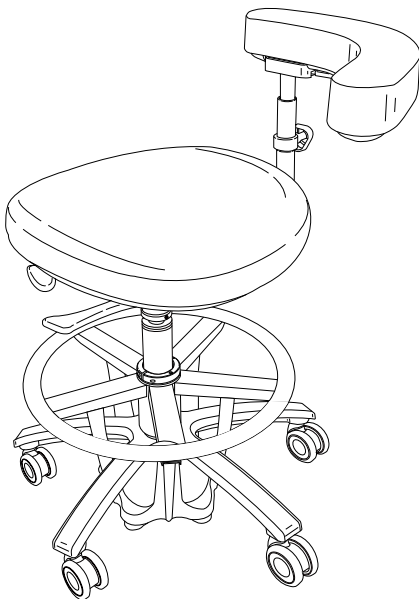
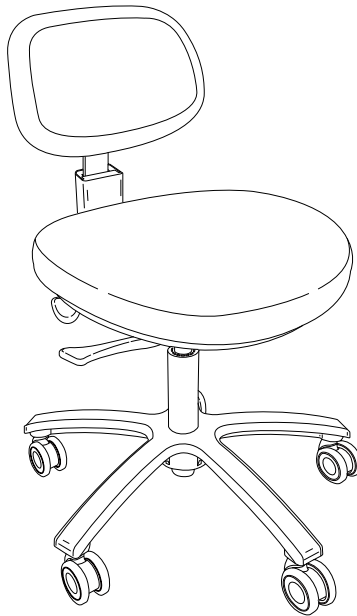




SERIES 5 PLUS DENTAL STOOLS

MODELS: SD5550, SA5550, SA555I

OVERVIEW

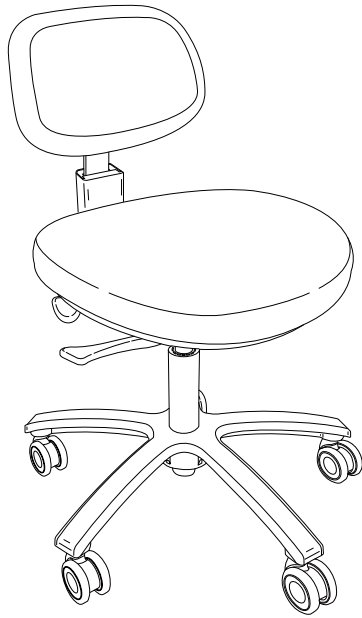


Figure 1: SD5550 Series 5 Plus Clinician's Stool

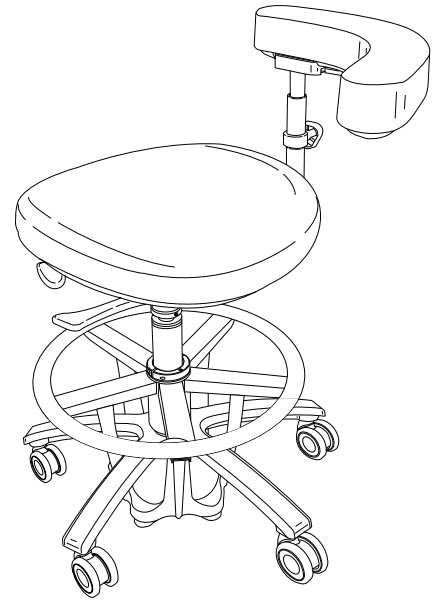


Figure 2: SA5550 Series 5 Plus Assistant's Stool

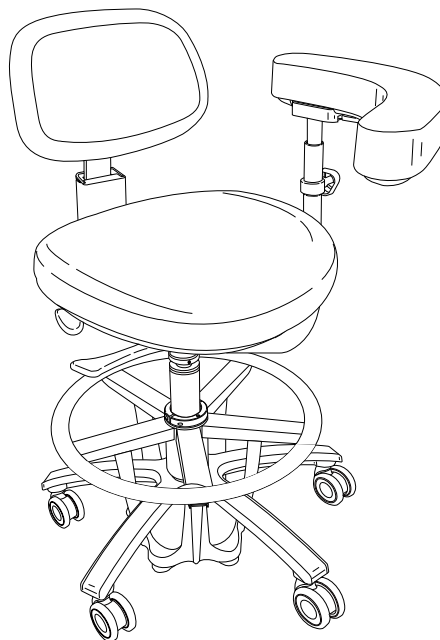


Figure 3: SA5551 Series 5 Plus Assistant's Stool with Backrest

INTRODUCTION

BEFORE YOU BEGIN

- Study the stool overview in this booklet and layout dimensions from the owner’s manual. Make sure the planned location will have the necessary space available for installation.
- Open all containers and review the contents. It may be helpful to locate all kits containing components and accessories for installation.
- Locate all documentation supplied with the equipment. Manuals and installation information may be found in one or more boxes with their respective components. Set aside the documentation for the end user to review.
- Check local and state codes which pertain to the installation of this product and make adequate preparations for proper conformance to all requirements.

SYMBOLS USED IN THIS MANUAL

The following symbols may be used throughout this product manual:



WARNING: Failure to carefully follow the described procedure may result in serious damage to the equipment, or serious injury or harm to the operator.



CAUTION: Failure to carefully follow the described procedure may result in damage to the equipment, and/or the operator.



NOTE: Take note of additional important information. Not a **CAUTION**.

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SA5550 and SA555 I Assembly Instructions	6

REGULATORY INFORMATION

Regulatory information is delivered with DCI Edge dental equipment as mandated by agency requirements and can be found in the accompanying Instructions for Use for this device.

SETUP

TOOLS NEEDED FOR INSTALLATION

7/64" Hex Key

PRE-USE REQUIREMENTS

All users of this device must read this document in its entirety before use.
Inspect the stool for signs of wear or damage before use. Do not use the stool if any components appear loose, broken, or malfunctioning.

SD5550 ASSEMBLY INSTRUCTIONS

To assemble the SD5550, do the following:

- 1** Remove the Stool Base (Figure 4, item 1) with Casters from its packaging and place it flat on the floor.
- 2** Remove the Gas Cylinder (Figure 4, item 2) from its packaging and install it into the Stool Base.
- 3** Remove the Seat and Back Assembly (Figure 4, item 3) from its packaging and install it onto the top of the Gas Cylinder.



NOTE: Lightly press down on the Seat Cushion (Figure 4, item 4) to ensure the Cushion is fully seated onto the Gas Cylinder.

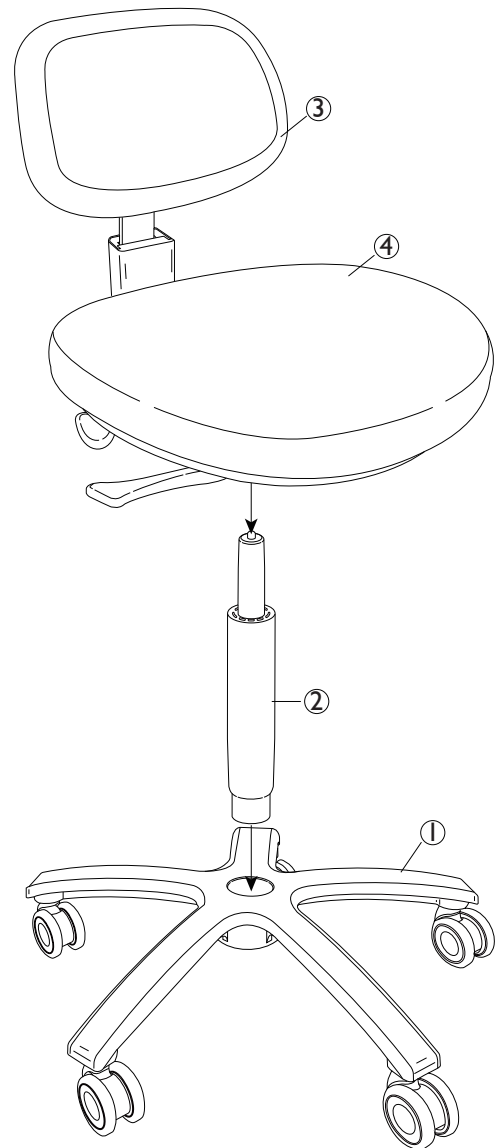


Figure 4: Installing the Seat Back Assembly

SA5550 AND SA555 I ASSEMBLY INSTRUCTIONS

To assemble the SA5550 or SA555 I, do the following:

- 1** Remove the components from the packaging, but leave the Stool Base in the inner box.
- 2** Remove the Gas Cylinder (Figure 5, item 1) from its packaging.
- 3** Open the lid of the inner stool base box and insert the Gas Cylinder into the Stool Base Assembly (Figure 5, item 2).
- 4** Slide the Plastic Sheath (Figure 5, item 3) down between the Gas Cylinder and the Footring Hub Unit (Figure 5, item 4) fully seated and remove the Rubber Band (Figure 5, item 5), as shown in Figure 6.

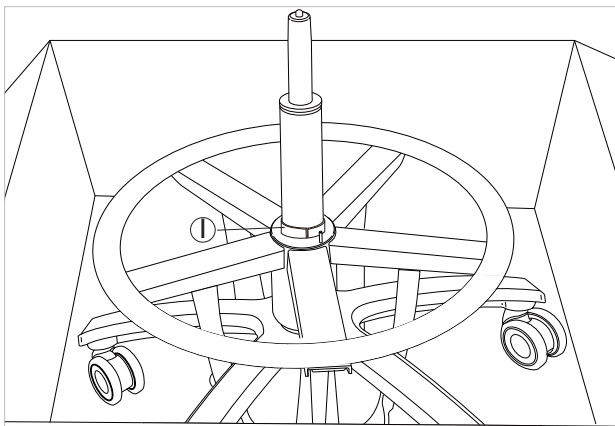


Figure 6: Inserting Plastic Sleeve and Removing Rubber Band - SA5550 and SA555 I

- 5** Install the included Clamp (Figure 7, item 1) around the Plastic Sleeve (Figure 6, item 1) at the top of the Footring and tighten the two Screws (Figure 7, item 2) of the Clamp to secure the Footring to the Gas Cylinder.



NOTE: Before installing the Clamp, make sure that the hole on the Clamp (Figure 7, item 3) is aligned with the Pin pre-installed on the top of the Footring Hub Unit.

- 6** Lifting from the legs of the base, remove the Stool Base Assembly from the inner box.

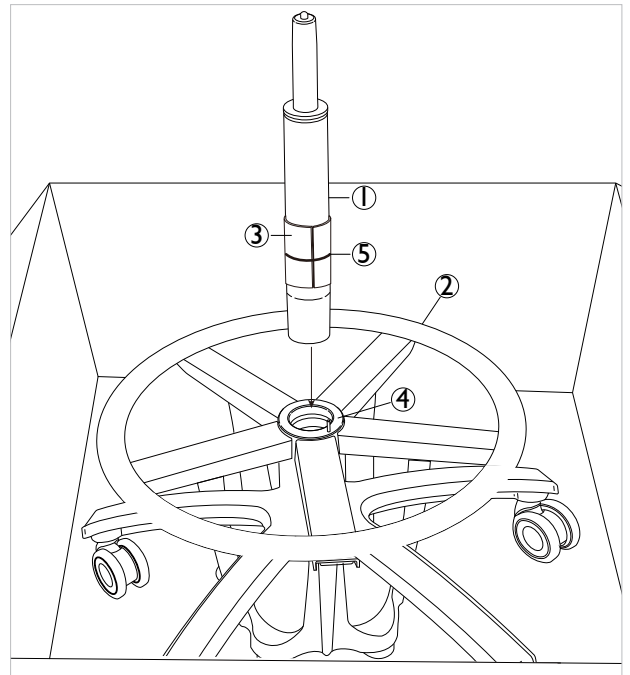


Figure 5: Installing the Gas Cylinder into the Stool Base - SA5550 and SA555 I

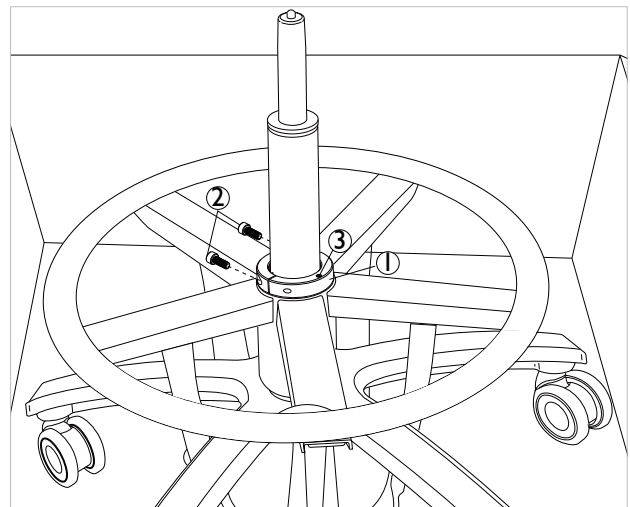


Figure 7: Tightening the cylinder clamp - SA5550 and SA555 I

SA5550 AND SA555 I ASSEMBLY INSTRUCTIONS

7 Install the Torso Band Support Assembly.

- Put the Rubber Washer (Figure 8, item 1) on first and fully seat against the shelf of the Gas Cylinder as shown.
- Place the Lock Ring (Figure 8, item 2) on top of the Rubber Washer. Then, using the provided 7/64" hex key, tighten down the 3x Set Screws (Figure 8, item 3) to lock the Lock Ring in place.



NOTE: Do not extend the Gas Cylinder before installing the Lock Ring, as this may allow the Lock Ring to restrict the motion range of the Gas Cylinder.

- Install the Support Pole (Figure 8, item 4) onto the top of the Lock Ring.

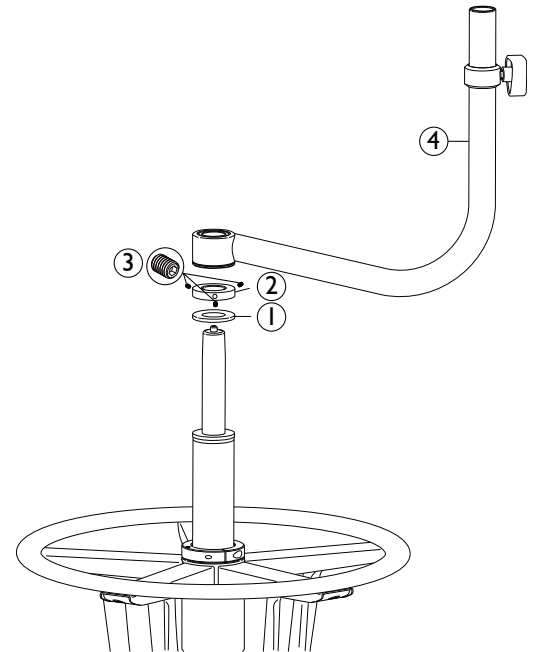


Figure 8: Assembling Support Pole - SA5550 and SA555 I

8 Install the Seat Cushion Assembly (Figure 9, item 1).

- Install the Seat Cushion Assembly onto the top of the Gas Cylinder.
- Press down on the Cushion to fully seat the Cylinder Tip into the Seat Mechanism.



NOTE: Ensure that there is a gap between the top of the Support Pole Hub (Figure 9, item 2) and the Seat Mechanism (Figure 9, item 3).

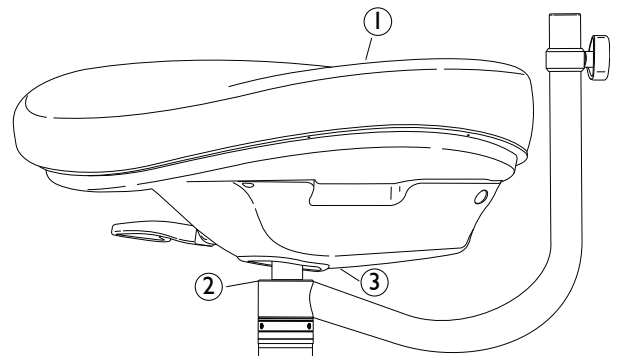


Figure 9: Installing Seat Cushion Assembly - SA5550 and SA555 I

SA5550 AND SA555I ASSEMBLY INSTRUCTIONS

- 9** Loosen the Knob (Figure 10, item 1) on the Support Pole (Figure 10, item 2) until the bolt thread is even with the Square Nut (Figure 10, item 4) found inside the Support Pole.



CAUTION: Do not fully unthread the Knob Bolt as this will cause the Nut to fall inside the Tube. It is possible to invert the Tube to drop the Nut out and then reinstall by holding the Nut with your fingers and rethreading the Knob Bolt, but it is not especially easy to do.

- 10** Install the Torso Band

- Prepare to insert the post of the Torso Band (Figure 10, item 3) into the Support Pole.
- Align the Square Nut inside the Support Pole with the Square Slot (Figure 10, item 5) of the post, and insert the post.
- Set the height of the Torso Band to your desired height and tighten the Knob to lock it in place.

- 11** Before regular use, apply a 200lb load to the seat to help the Cylinder become firmly engaged in the base casting. This will help prevent the Cylinder from spinning and possibly allowing the brake assembly to rub against the base casting.

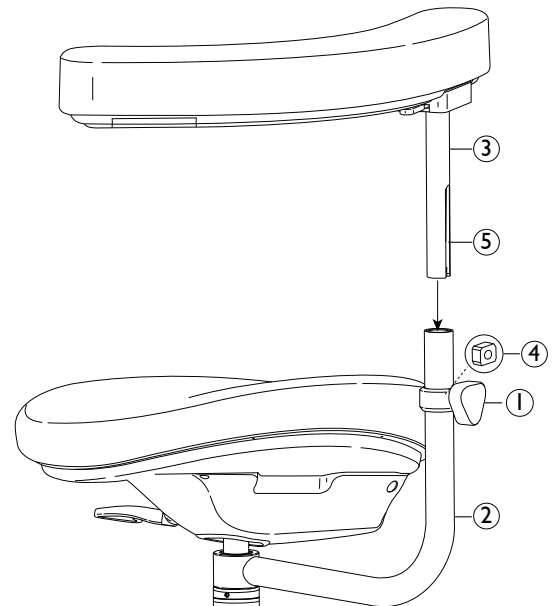


Figure 10: Installing the Torso Band

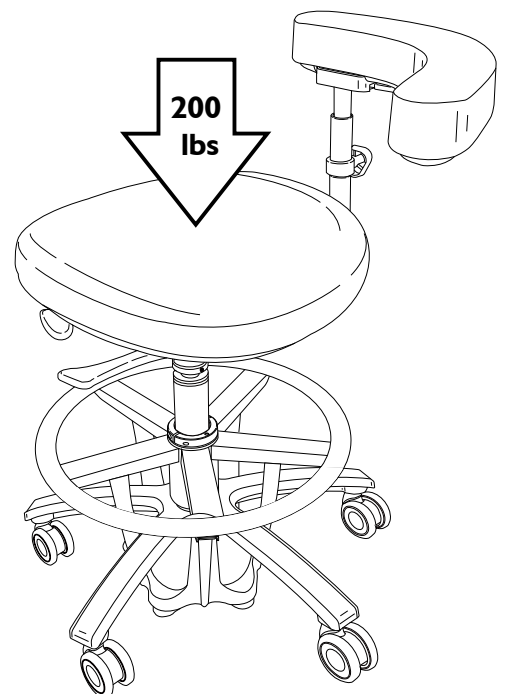


Figure 11: Applying 200lb load

