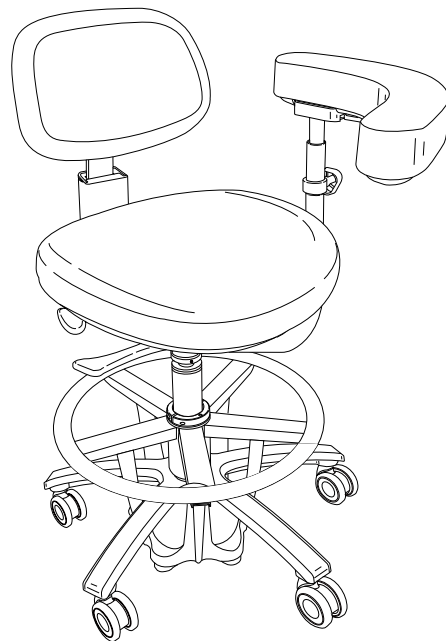
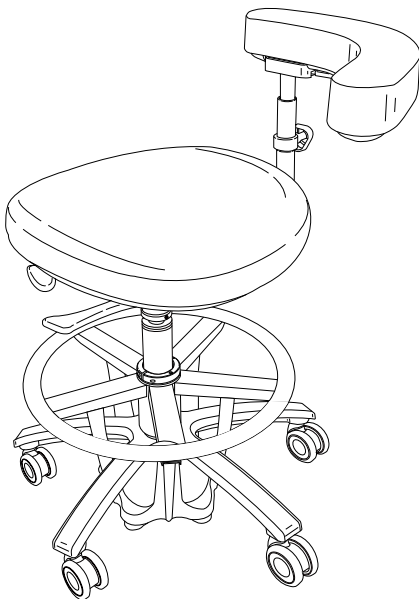
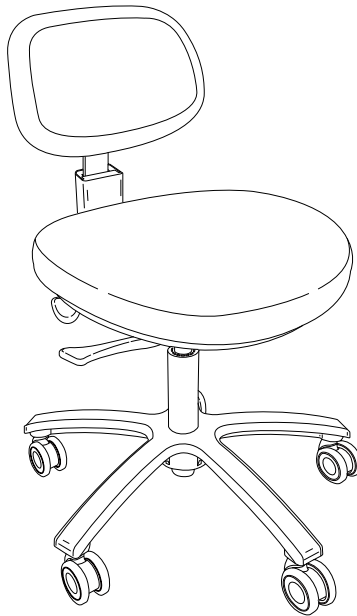




SERIES 5 PLUS DENTAL STOOLS

MODELS: SD5550, SA5550, SA555I

OVERVIEW

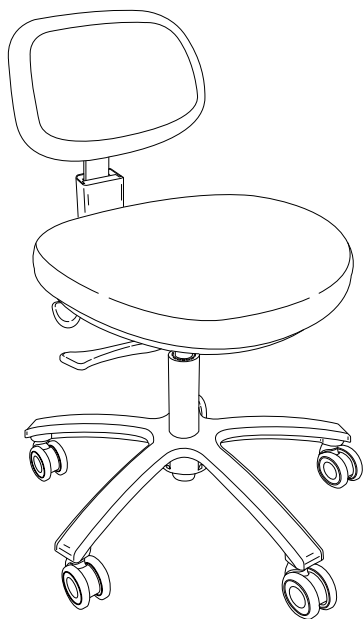


Figure 1: SD5550 Series 5 Plus Clinician's Stool

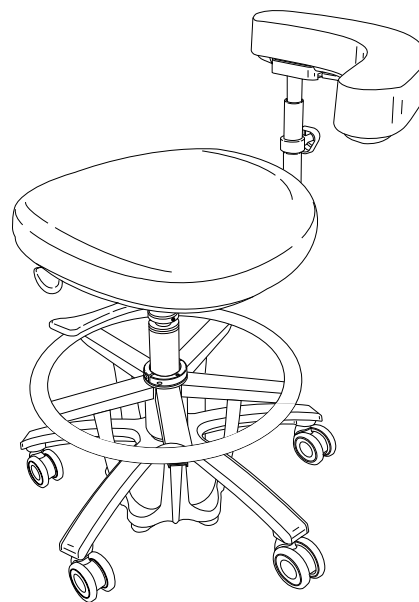


Figure 2: SA5550 Series 5 Plus Assistant's Stool

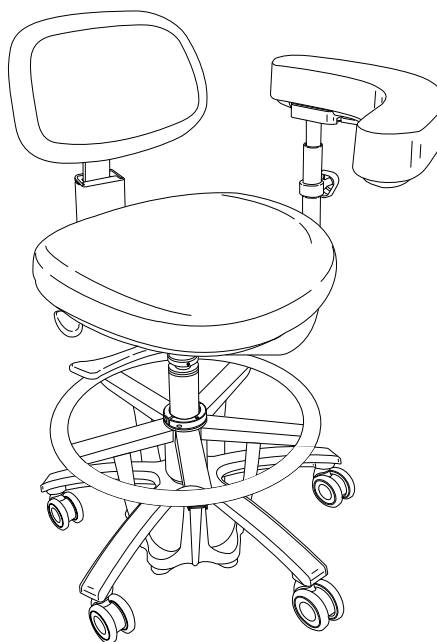


Figure 3: SA5551 Series 5 Plus Assistant's Stool with Backrest

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**.

TABLE OF CONTENTS

Overview	2
Introduction	3
Setup	4
SD5550 Assembly Instructions	5
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

5/32" 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.

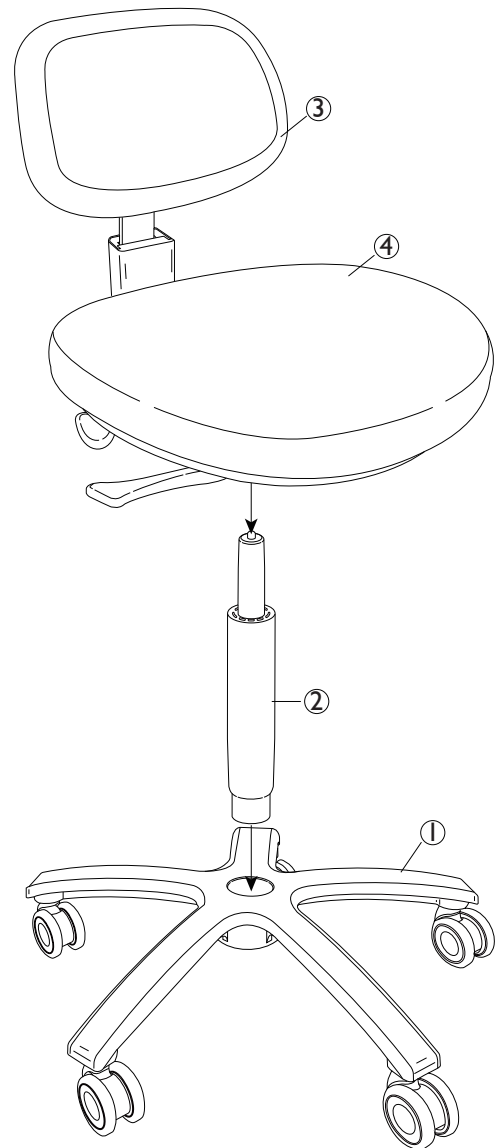


Figure 4: Installing the Seat Back Assembly

SA5550 AND SA555 I ASSEMBLY INSTRUCTIONS

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

1 Remove the components from the outer packaging. Open the lid of the inner box containing the stool base assembly, **but leave the Stool Base in the inner box.**

2 Remove the Flat Plastic Sheet from its packaging and roll it into a cylindrical shaped sleeve as shown in Figure 5, steps 1 through 3.

3 Slide the Plastic Sleeve (Figure 6, item 1) into the hub of the stool base (Figure 6, item 2) until fully seated.

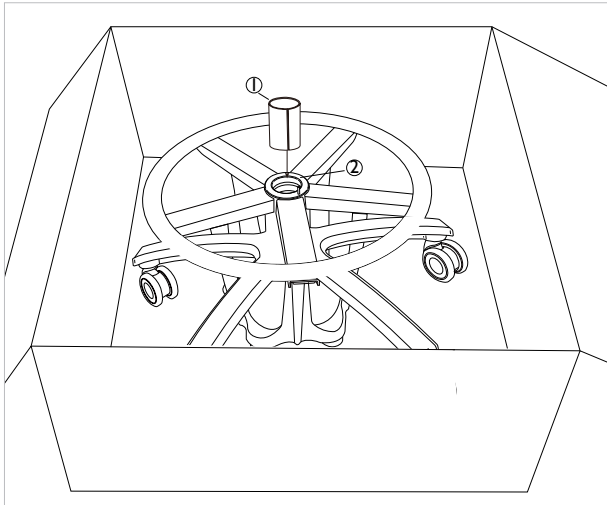


Figure 6: Insert Plastic Sleeve into the Stool Base - SA5550 and SA555 I

5 Install the included Clamp (Figure 8, item 1) around the Plastic Sleeve at the top of the Footring hub, aligning the hole in the clamp (Figure 8, Item 3) to the pin near the hub (Figure 7, item 3), and tighten the two Screws (Figure 8, 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 is aligned with the Pin pre-installed on the top of the footring hub.

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

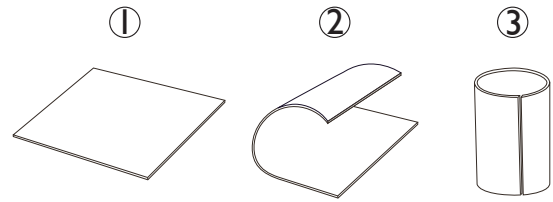


Figure 5: Roll Flat Plastic Sheet into Cylinder Shaped Sleeve - SA5550 and SA555 I

4 Remove the gas cylinder (Figure 7, item 1) from the packaging and insert it into the hub of the stool base with the Plastic Sleeve (Figure 7, item 2) until fully seated as shown in Figure 7.

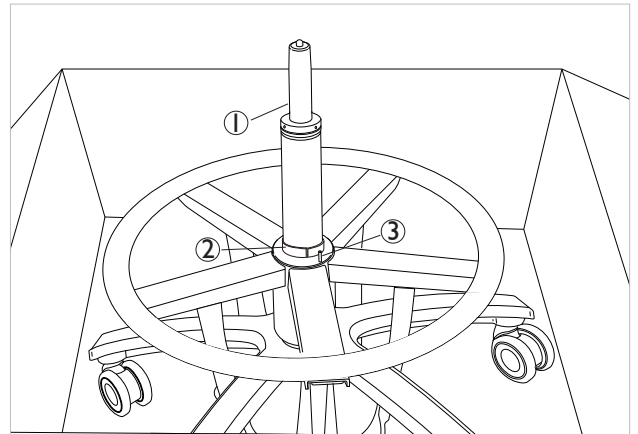


Figure 7: Insert Cylinder into Stool Base - SA5550 and SA555 I

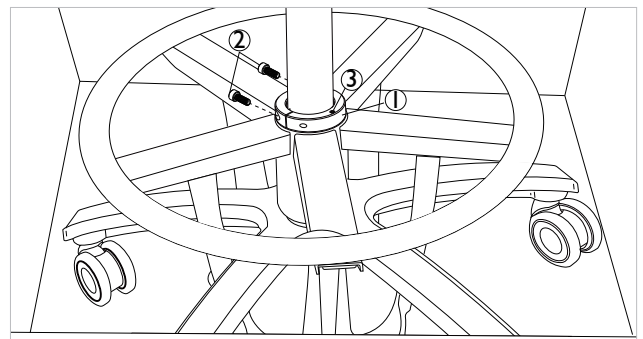


Figure 8: Installing the Cylinder Clamp - SA5550 and SA555 I

SA5550 AND SA555 I ASSEMBLY INSTRUCTIONS

7 Install the Torso Band Support Assembly.

- a. Insert the hub of the Torso Band Pole (Figure 9, item 1) over the gas cylinder (Figure 9, item 2) as shown.
- b. Fully seat the pole down against the Lock Ring (Figure 9, item 3).

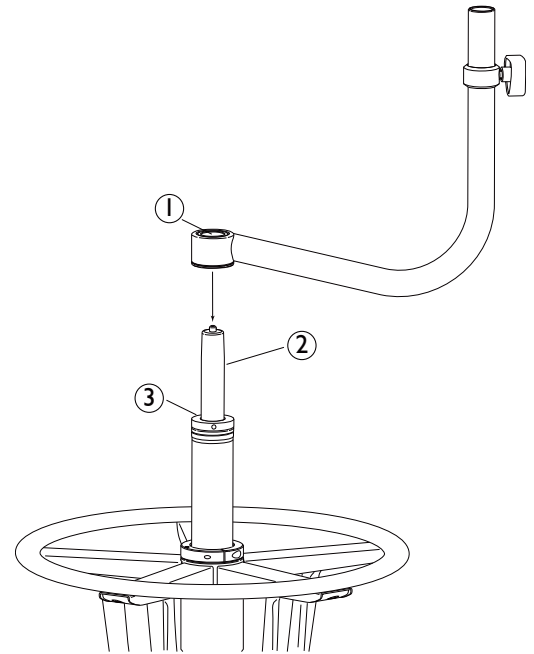


Figure 9: Assembling Support Pole - SA5550 and SA555 I

8 Install the Seat Cushion Assembly (Figure 10, item 1).

- a. Install the Seat Cushion Assembly onto the top of the Gas Cylinder.
- b. 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 10, item 2) and the Seat Mechanism (Figure 10, item 3).

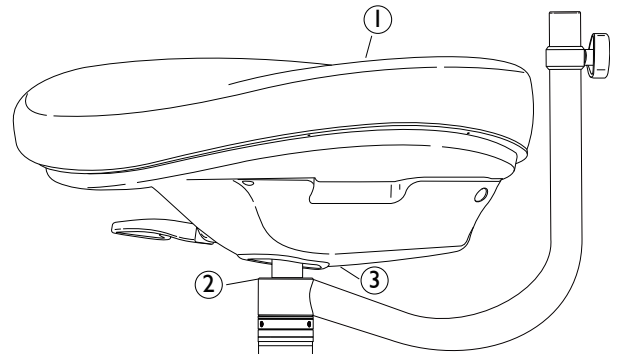


Figure 10: Installing Seat Cushion Assembly - SA5550 and SA555 I

SA5550 AND SA555I ASSEMBLY INSTRUCTIONS

- 9** Loosen the Knob (Figure 11, item 1) on the Support Pole (Figure 11, item 2) until the bolt thread is even with the Square Nut (Figure 11, 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 11, item 3) into the Support Pole.
- Align the Square Nut inside the Support Pole with the Square Slot (Figure 11, 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.

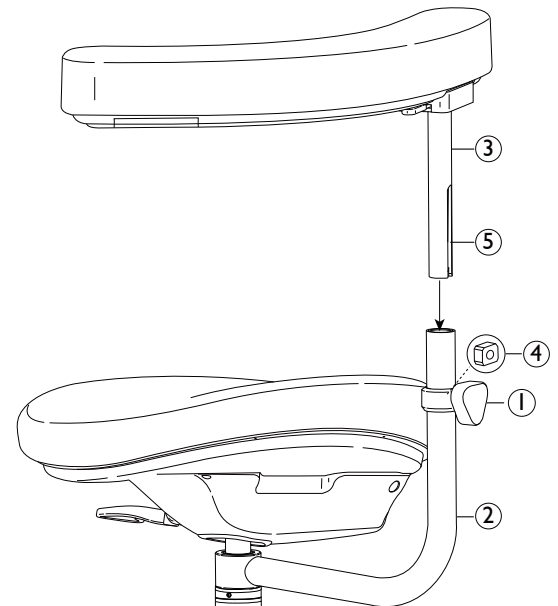


Figure 11: Installing the Torso Band

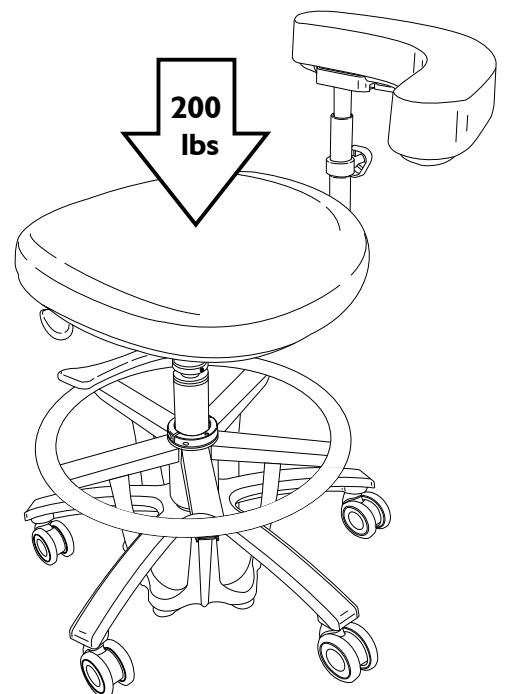


Figure 12: Applying 200lb load

