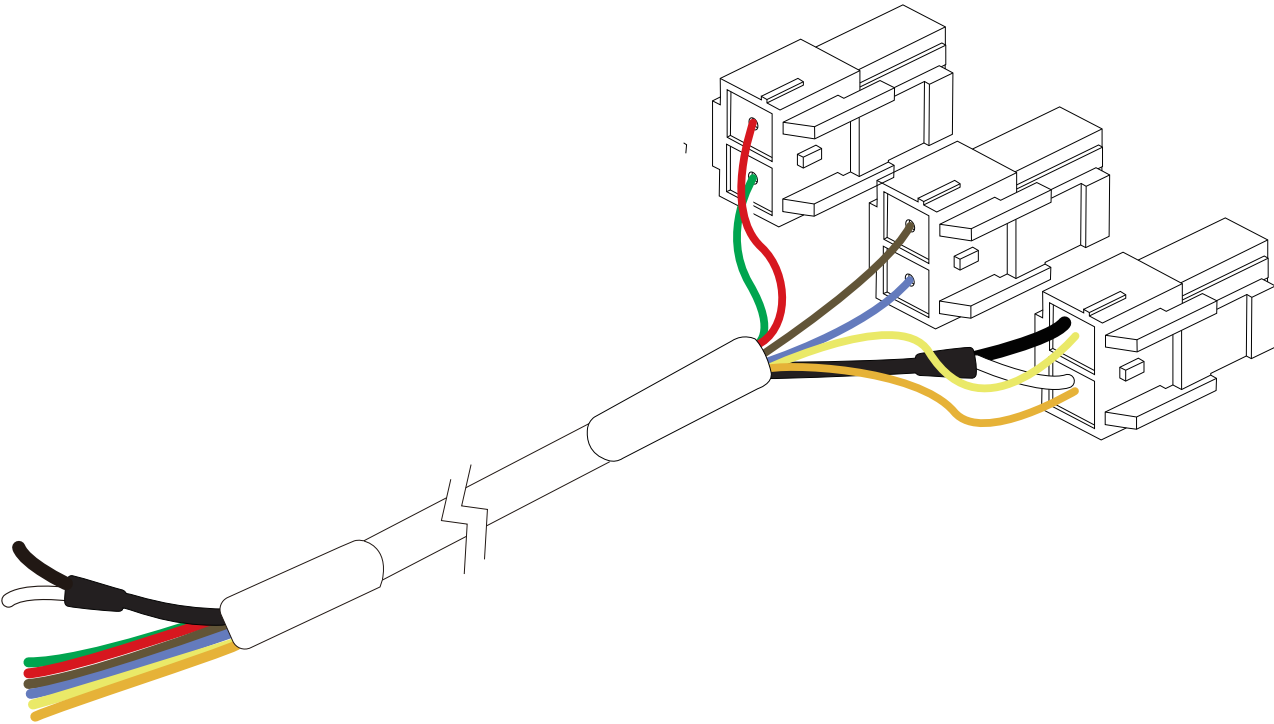


41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT

OVERVIEW

PN: 41888



INTRODUCTION

BEFORE YOU BEGIN

Study the unit 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, including room for travel of the chair's base and backrest.

Open all containers and review the contents. It may be helpful to locate all kits containing accessories. (Smaller parts are often packaged together to avoid being lost.)

Locate all documentation supplied with the package. Manuals and installation sheets may be found in one or more boxes accompanying their respective components. Set aside the owner's manual for the end user to review.

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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 damage to the equipment or the operator.



CAUTION: Failure to carefully follow the described procedure may result in damage to the equipment.



NOTE: Take note of additional important information. Not a warning or caution.



ELECTRICAL HAZARD: Risk of electrical shock present. Ensure that power is disconnected before attempting procedure.

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.

41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT INSTRUCTIONS

PACKAGE CONTENTS

- PN 41888 Harness
- Installation Instructions

TOOLS NEEDED FOR INSTALLATION

- #1/#2 Phillips Screwdriver (Figure 1, item 1)
- 0.125" Slotted Screwdriver (item 2)
- 7/64" Hex Key (item 3)
- Side Cutting Pliers (item 4, optional)
- DCI Umbilical Tubing Stringer (PN 8094, item 5, optional)

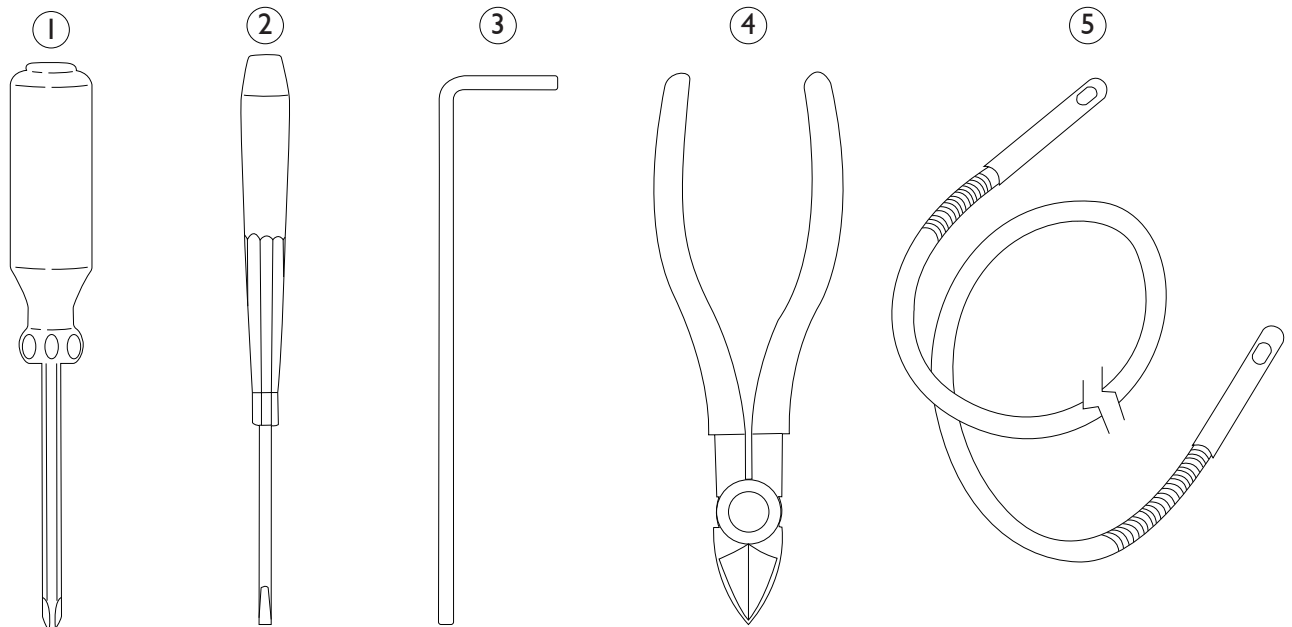


Figure 1. Tools needed for installation

41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT INSTRUCTIONS

PREPARATION

- 1 Press the Chair Up button on the Foot Switch (Figure 2), Delivery System TouchPad (Figure 3) or Assistant's TouchPad (Figure 4) to raise the chair to its upper limit.

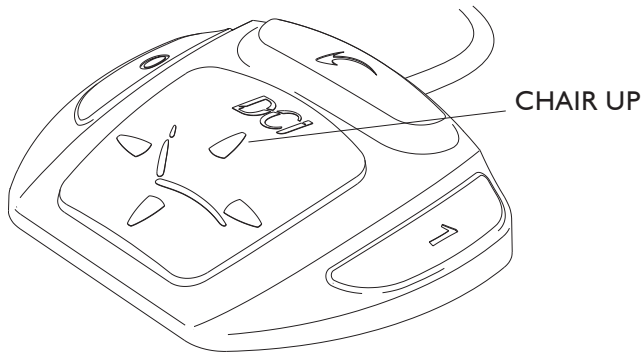


Figure 2. Chair Up button-Foot Switch

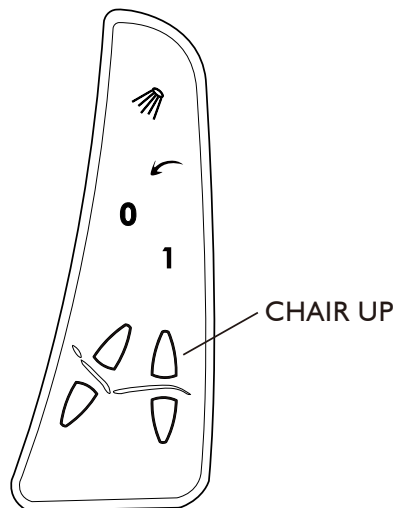


Figure 3. Chair Up button - Deliver System TouchPad

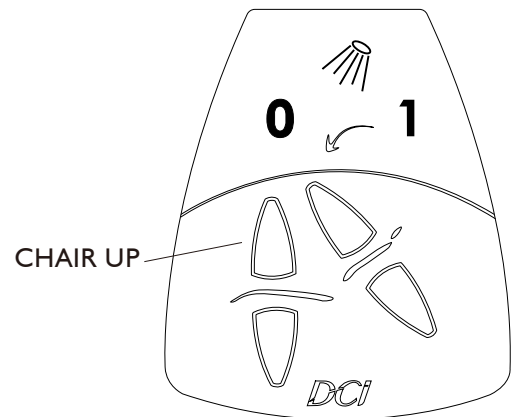


Figure 4. Chair Up button - Assistant's TouchPad

- 2 Turn off the chair power.

41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT INSTRUCTIONS

REMOVING THE OLD 41888 HARNESS

- 1 Remove the covers from the Flex Arm (Figure 5), Rigid Arm (Figure 6), and chair base (Figure 7).

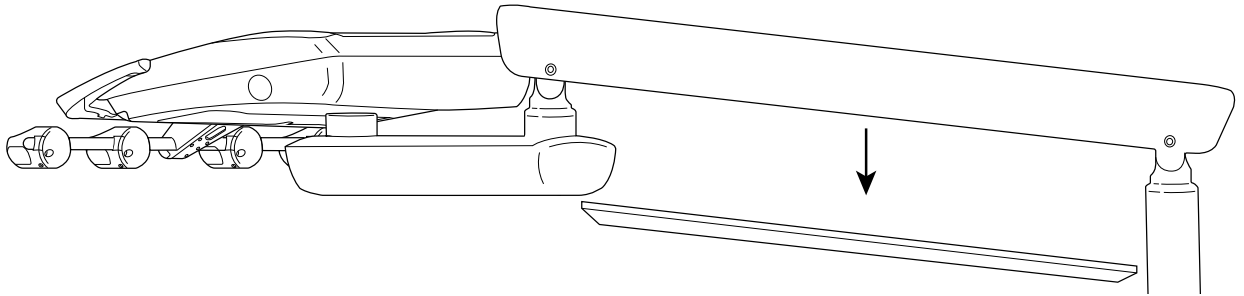


Figure 5. Removing flex arm cover

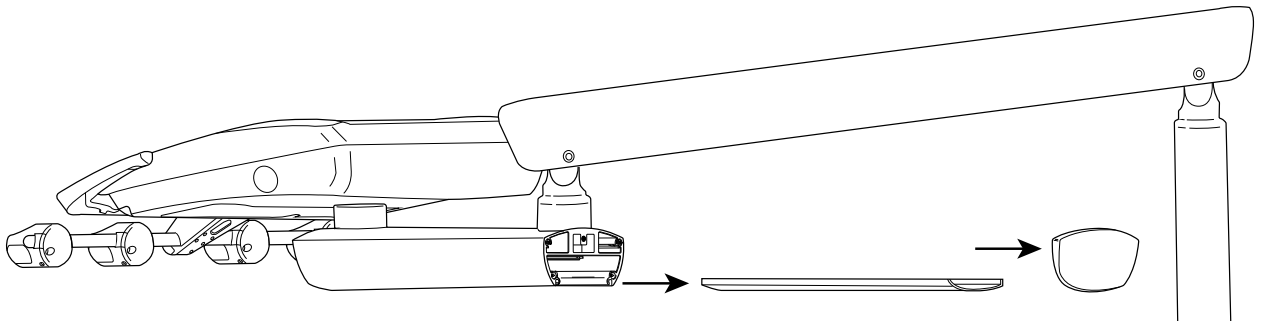


Figure 6. Removing belly strip and end cap of the rigid arm

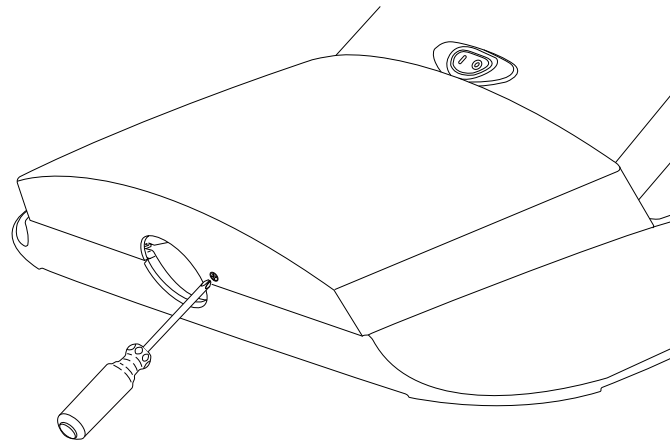


Figure 7. Removing chair base cover

41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT INSTRUCTIONS

- 2 Disconnect the 41888 harness from the power strip terminals (see Figure 8, item 1).

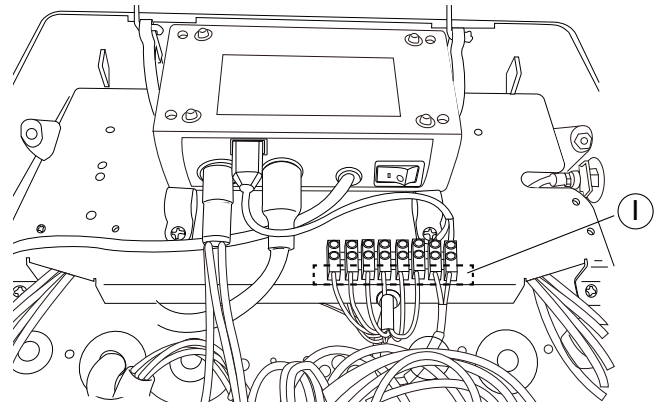


Figure 8. Pulling the old 41888 harness into the chair base

- 3 Pull the old 41888 harness through the unit arms (rigid arm and flex arm) and into the chair base.

- 4 Locate and disconnect the 41888 harness from the chair transformer (see Figure 9, item 1).

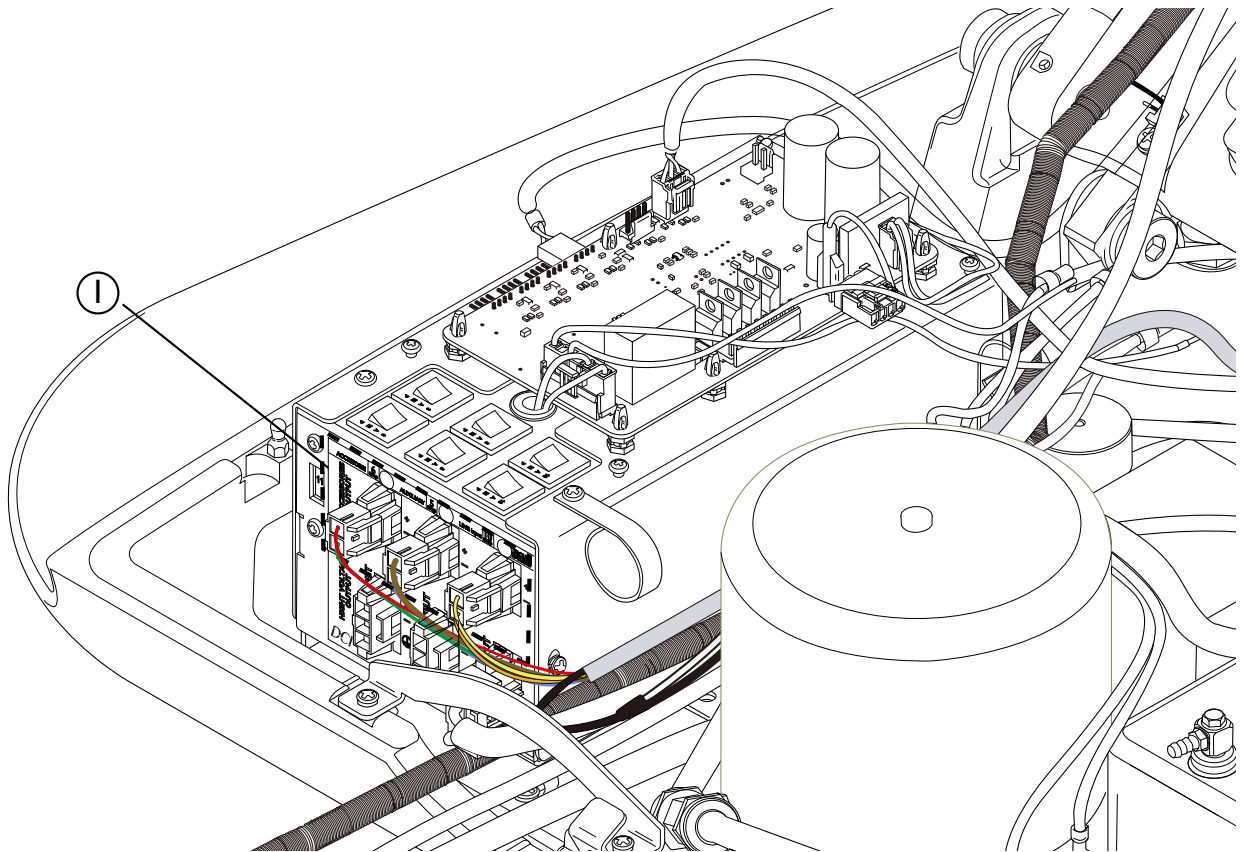


Figure 9. Disconnecting Old harness and Connecting the new harness to the chair transformer

- 5 Remove the power harness from the chair and unit.

41888 32VDC/9VDC/24VAC HARNESS REPLACEMENT INSTRUCTIONS

CONNECTING THE NEW 41888 HARNESS

- 1** Connect the new 41888 harness to the chair transformer and any auxiliary power using the available terminals (see Figure 9, Item 1).
- 2** Feed the harness through the unit arms and into the unit head (see Figure 10).

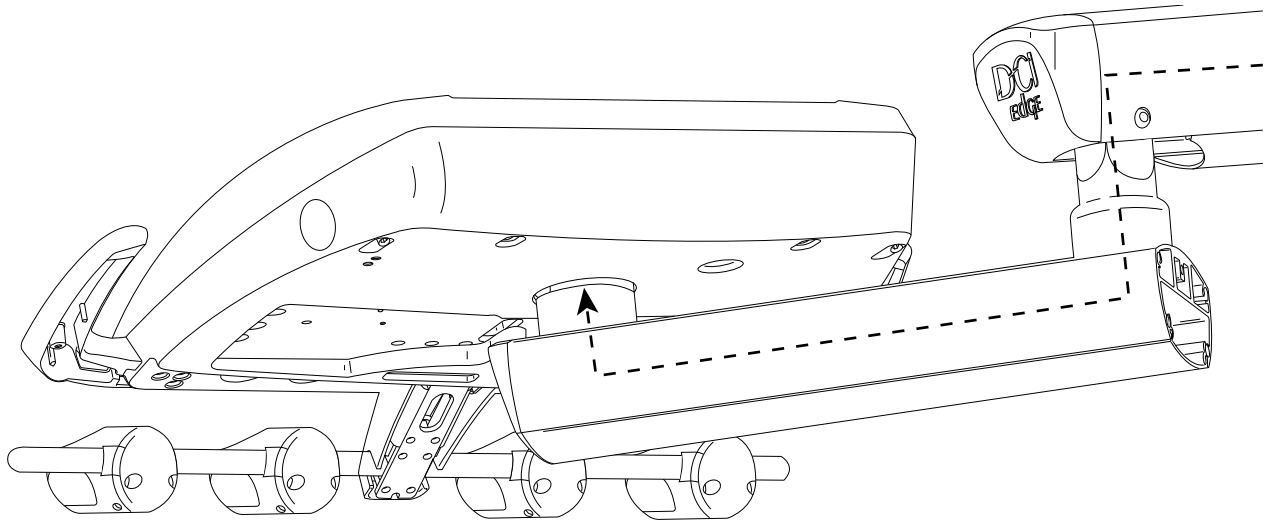


Figure 10. Feeding the new harness to the unit head

- 3** Reconnect the harness to the terminal block (see Figure 11) according to the schematic (see Figure 12).

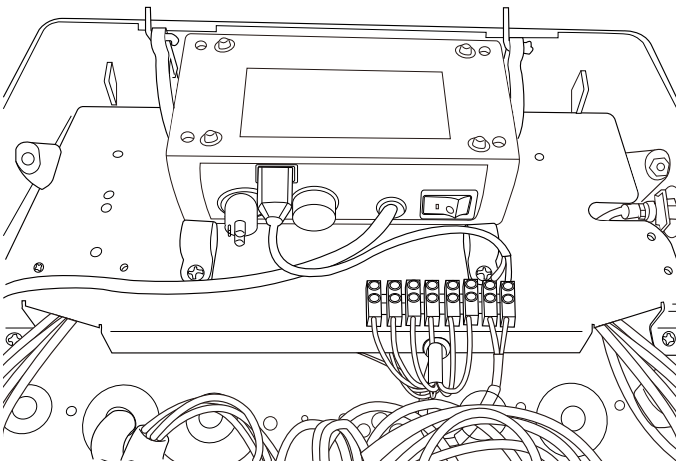


Figure 11. Connecting the new harness to the terminal block

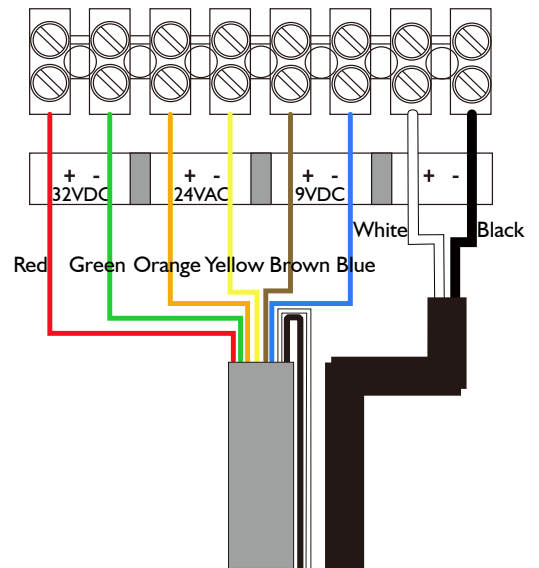


Figure 12. 41888 harness connection diagram

