

A-dec LED Dental Light Head on a Demonstration Stand

INSTALLATION GUIDE



Introduction

Use this installation guide to install an A-dec LED Dental Light Retrofit Kit (28.1924.00 or 28.1925.00) on a custom A-dec sales demonstration stand.

Recommended Tools

- 5/64" ball end hex key
- 7/64" hex key

Install the Light Head

1. Turn off the power to the light.



DANGER Failure to turn off the power before you begin this procedure can lead to electrical shock.



WARNING Failure to turn off the power before you begin this procedure can lead to product damage and result in serious injury or death.

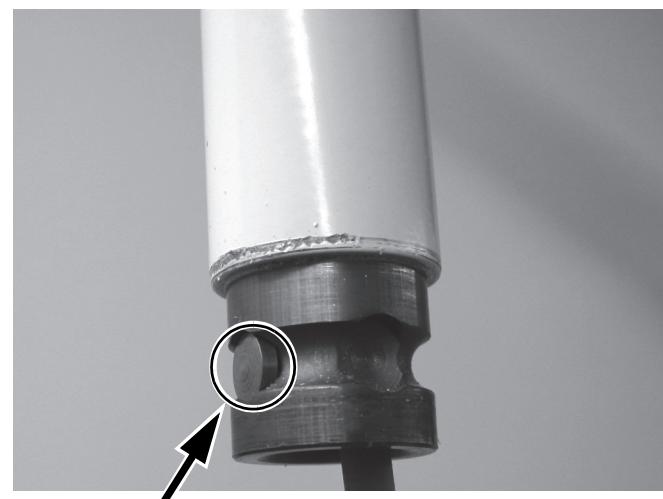


CAUTION Circuit boards are sensitive to static electricity. Electrostatic Discharge (ESD) precautions are required when touching a circuit board or making connections to or from the circuit board. Circuit boards should be installed only by an electrician or qualified service person.



CAUTION When removing or replacing covers, take care not to damage any wiring. Verify that the covers are secure after replacing them.

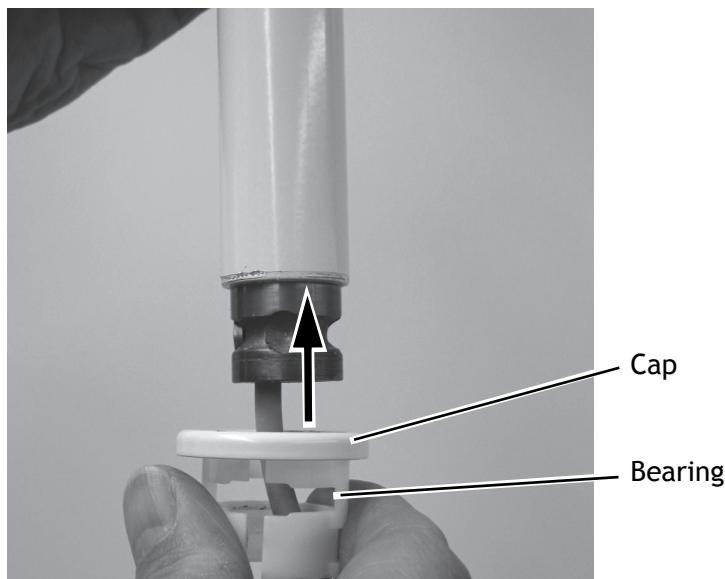
2. Install the fixed stop.



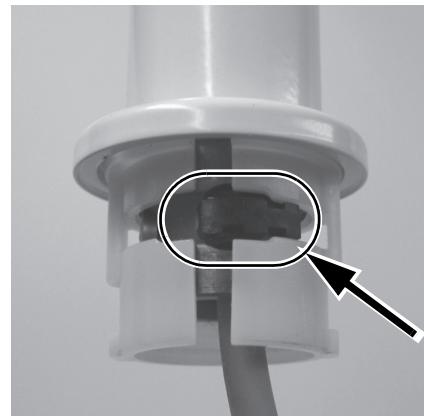
3. Lubricate the surface of the post.



4. Install the pivot cap and bearing.



5. Install the black rotation stop.



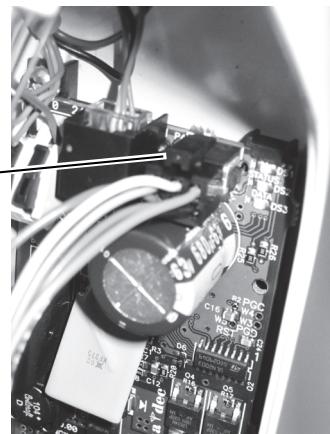
6. Loosen the screw on the top of the switch housing. Remove the two screws from the bottom of the indicator cover and detach the cover.



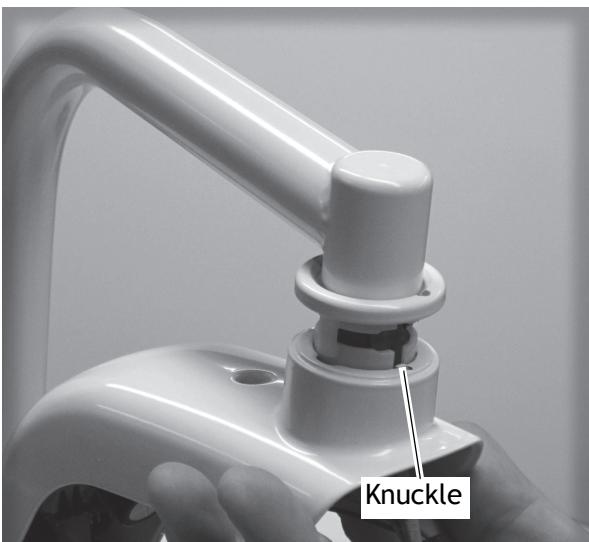
7/64" Hex Key



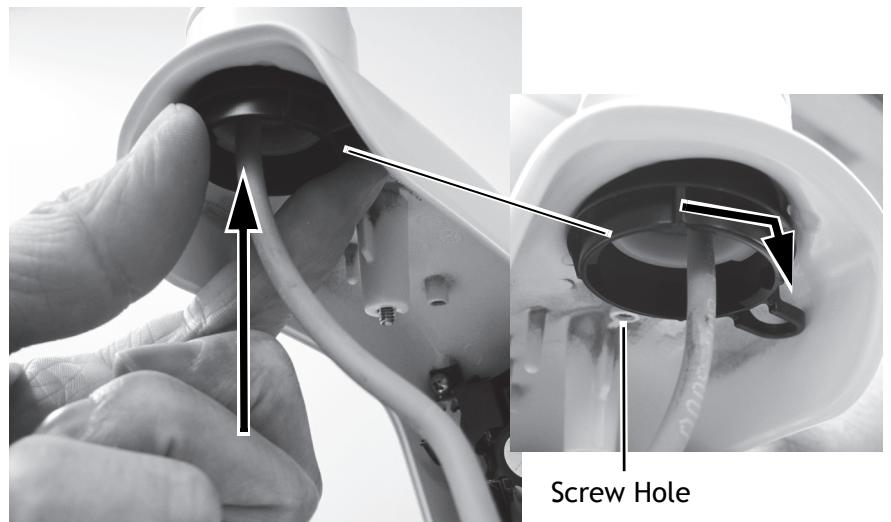
- 7.** Press the tab to disconnect the 6-position connector from the LED driver board. Remove the indicator cover.



- 8.** Slide the light onto the knuckle.

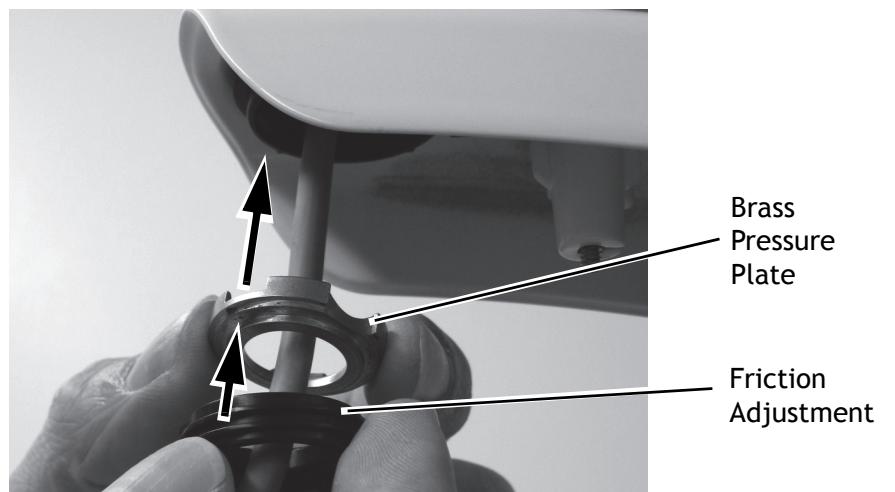


- 9.** Secure the light head assembly by inserting the locking nut and turning it a quarter turn so the loop is over the hole for the screw.



- 10.** Install the brass pressure plate and the friction adjustment.

TIP Start the thread on the friction adjustment near the screw tab on the locking nut where the lip is higher.

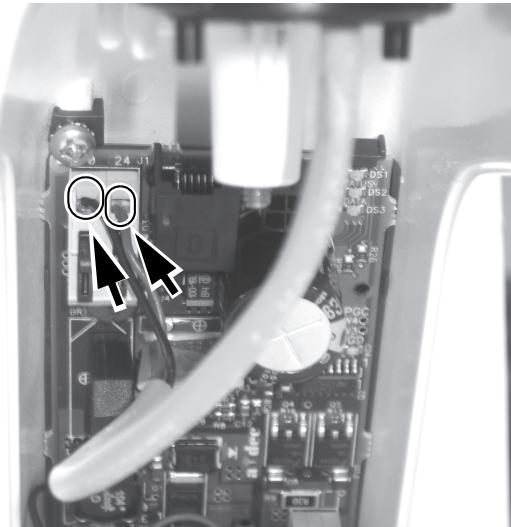


- 11.** Install the screw and washer on the underside of the housing.



7/64" Hex Key

- 13.** Connect the LED cable wires: the black wire goes to 0 VAC and the gray wire goes to 24 VAC.



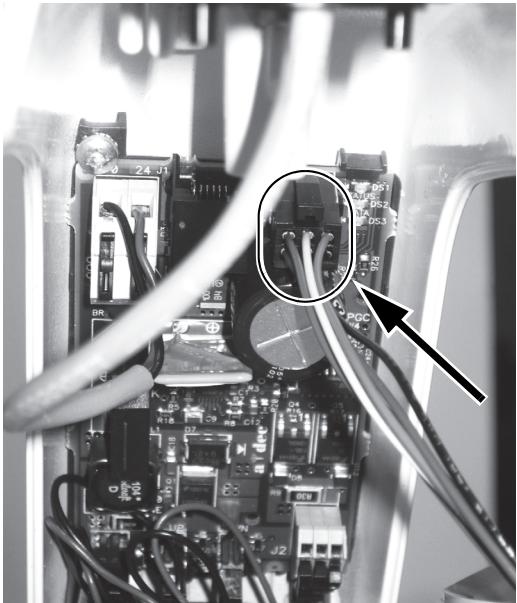
- 12.** Install the two screws on the top of the collar on top of the housing.



5/64" Hex Key

Install the Indicator Cover

1. Connect the 6-position connector from the indicator display housing to the LED driver board.



2. Tighten the screw on the top of the switch housing.
3. Secure the bottom of the indicator cover with the two screws.



7/64" Hex Key



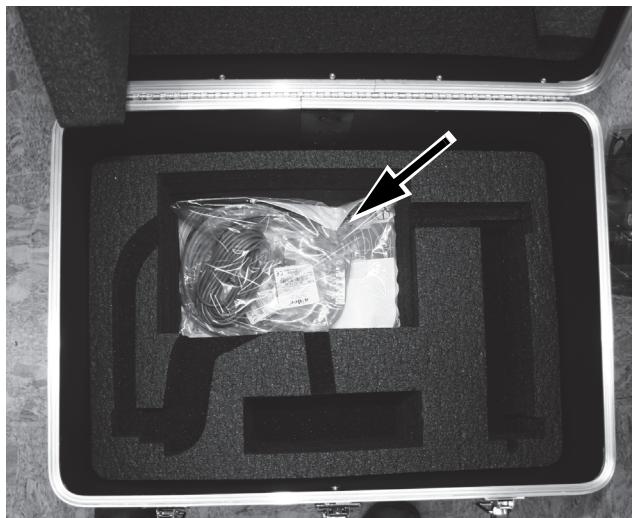
4. Connect the power cable to the back of the demo stand.
5. Plug the power cable into the wall.
6. Use the power button and mode button on the light to verify all light functions.



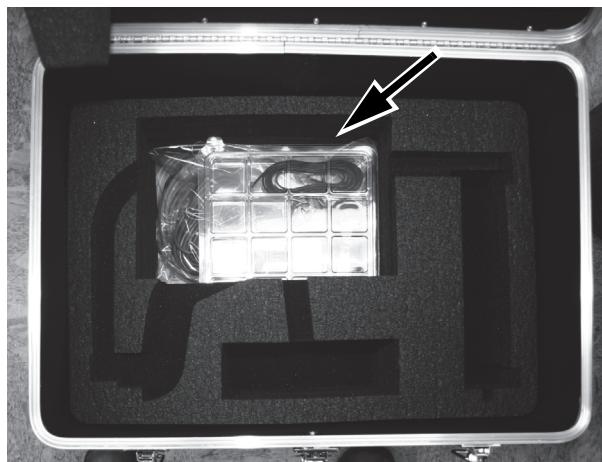
NOTE Save all of the remaining kit parts to use in a retrofit installation in the future.

Pack the Demo Unit in the Carrying Case

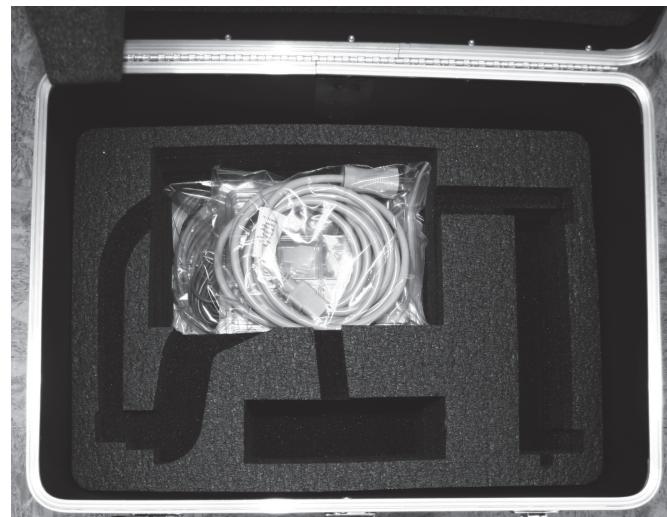
1. Lay the carrying case on a flat surface and open the lid.
2. Place the plastic bag containing the *A-dec LED Dental Light Instructions for Use* and other accessories in the large rectangular cut-out.



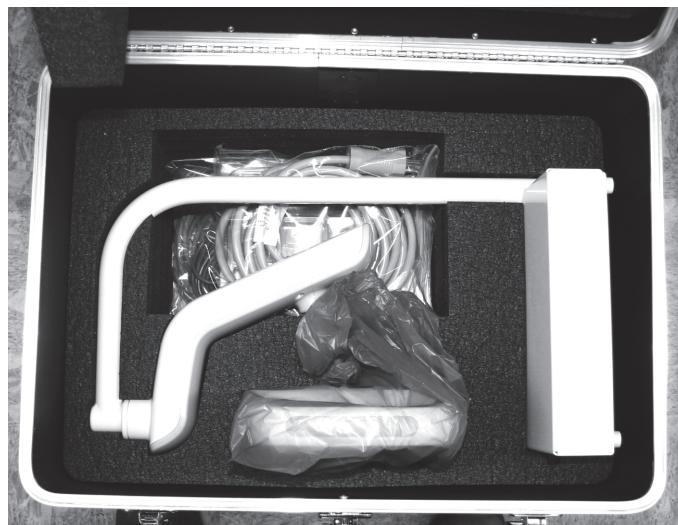
3. Put the chocolate box in the rectangular cut-out.



4. Place the plastic bag with the power cord on top of the chocolate box.



5. Position the demo unit stand and light in the case as shown in the picture below.



Regulatory Information

Regulatory information is provided with A-dec equipment as mandated by agency requirements. This information is delivered in the equipment's *Instructions for Use* or the separate *Regulatory Information and Specifications* document. If you need this information, please go to the Document Library at www.a-dec.com.

A-dec Headquarters
2601 Crestview Drive
Newberg, OR 97132 USA
Tel: 1.800.547.1883 Within USA/Canada
Tel: 1.503.538.7478 Outside USA/Canada
Fax: 1.503.538.0276
www.a-dec.com / www.a-dec.biz

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