Installation Guide

A-dec 541 and 545 Delivery System Mount

Before You Begin

This document contains instructions for installing a 541/545 delivery system mount on an A-dec Inspire 591™ Treatment Center and a Preference Collection® 5580 cabinet subbase. These instructions are intended for instances where the delivery system mount cannot be attached directly to the floor.

NOTE To mount a 541/545 system on a Preference Collection 5580 not containing subbase cutouts, order a new style subbase front and qty (8) 012.004.00 pop rivets. Affected Preference Collection 5580 cabinets are those shipped before October 3, 2005.

Recommended Tools

• Hex key set
• Torque wrench

Important Information

1. Check with local building and code authorities about installation requirements. These differ from state to state and internationally.
2. Check that the manual air shut-off valve is installed.
3. Install the A-dec Inspire 591 Treatment Console (86.0522.00) or the Preference Collection 5580.69 and 5580.96 Treatment Console (86.0199.00).

CAUTION The A-dec Inspire 591 and Preference 5580 subbases must be anchored to the floor to prevent tipping or injury. Refer to the "Anchor the Cabinet" section in the A-dec Inspire 591 Treatment Console Installation Guide (p/n 86.0522.00) or the Anchoring the Preference Collection Sub-Base Installation Guide (p/n 86.0159.00) for anchoring instructions.

WARNING Failure to anchor the cabinet to the floor can lead to product damage and result in serious injury or death.

Installation Steps

See the section for your cabinet:

• “591 Treatment Console” on page 2
• “Preference Collection 5580 Cabinets” on page 5
  ○ “Cabinets with Factory-Installed Mounting Hardware” on page 6
  ○ “Cabinets Without Factory-Installed Mounting Hardware” on page 7
591 Treatment Console

1. Ensure the doors and false bottom are not installed on the lower cabinet.

2. Use a 5/32" hex key to remove the two screws and washer from the front rail.

3. Remove the faceplate from the subbase.
4. Use a 5/32" hex key to loosen the six adjustment screws, three on each side of the mount housing bracket.

5. Slide the mount into the subbase.

6. Lower the housing plate so that it sits snugly on top of the mount.

7. Tighten the adjustment screws.

8. Slide the mount out of the housing.
9. Slide the faceplate into position.

10. Use a 5/32” hex key, two screws and the washer to secure the faceplate.

11. Slide the mount into the housing and align the holes in the mount with the holes in the housing plate.

12. Use a 5/16” hex key and four mounting screws to secure the mount to the housing plate with 15 ft lb of torque.

Next Step See “Install the 541/545 Delivery System” on page 9.
Preference Collection 5580 Cabinets

Some older Preference cabinets may need new mounting holes drilled in the bottom panel for the four decorative screws that secure the upper support bracket assemblies. If necessary, drill these additional holes before beginning the installation. Holes should be 3/8" (9.5 mm) in diameter and 2" (51 mm) from the side and bottom edges of the panel. The diagram in the “Parts Identification” section shows the newer-style bottom panel.

Parts Identification

See the diagram below to identify parts used in the installation of the 541/545 mount.
Cabinets with Factory-Installed Mounting Hardware

1. Loosen the six (1/4-20 x 3/8" socket head patch) adjustment bracket screws. This allows the adjustment brackets to slide up as needed when the 541/545 mount is inserted under the cabinet.
2. Slide the 541/545 mount under the cabinet.

3. Partially tighten the six (1/4-20 x 3/8" socket head patch) adjustment bracket screws.
4. Position the anchor plate on the two adjustment brackets.
5. Secure the anchor plate using four socket head patch screws and washers included in the kit. Only partially tighten the screws to allow the 541/545 floor mount to move freely while positioning so that good contact with the floor can be made.
6. Check that the 541/545 mount is flush with the floor.
7. Tighten the 541/545 mount screws with 15 ft lb of torque.
8. Verify that the 541/545 mount did not lift up when the anchor plate was installed. The mount should still be flush with the floor.

9. Completely tighten the six 1/4-20 x 3/8" socket head patch screws on the adjustment brackets. See the parts list diagram.

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Cabinets Without Factory-Installed Mounting Hardware

**Remove the Subbase Clips**

1. Loosen the decorative screws securing the subbase clips to the cabinet’s bottom panel.
2. Remove and discard the clips.
3. Leave the screws in the panel for mounting the upper support bracket assemblies.

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Next Step See “Install the 541/545 Delivery System” on page 9.
Attach the Upper Support Bracket Assemblies

1. Attach the two upper support brackets to the two upper rails with four 1/4-20 x 3/8" socket head patch screws.
2. Attach the two upper support bracket assemblies to the underside of the cabinet’s bottom panel with four decorative 1/4-20 screws.

**NOTE** Some 5580 cabinets may not have four decorative screws in the bottom panel. The installation kit contains extra screws for mounting the upper support bracket assemblies.

Attach the 541/545 Mount

1. Attach the adjustment brackets to the upper support bracket assemblies. Use six of the 1/4-20 x 3/8" socket head patch screws. Do not fully tighten the screws, so that the adjustment brackets can slide up as needed when the 541/545 mount is inserted under the cabinet.

2. Slide the 541/545 mount under the cabinet.
3. Secure the anchor plate using four socket head patch screws included in kit.

4. Only partially tighten the screws to allow the 541/545 floor mount to move freely while positioning so good contact with the floor can be made.

5. Check that the 541/545 mount is flush with the floor.

6. Tighten the 541/545 mount screws with 15 ft lb. of torque to secure the mount.

7. Verify that the 541/545 mount did not lift up when the anchor plate was installed. The mount should still be flush with the floor.

8. Completely tighten the six socket head patch screws on the adjustment brackets.

Install the 541/545 Delivery System

Follow the steps in the A-dec 500 12 O’Clock System Installation Guide (P/N 86.0466.00) to install the 541/545 delivery system.

Test the System

When installation is complete, check that the 541/545 mount is flush with the floor and that all screws are fully tightened.
Regulatory Information

Regulatory information mandated by agency requirements is provided in the Regulatory Information, Specifications, and Warranty document (p/n 86.0221.00), which is available in the Document Library at www.a-dec.com.

Product Models and Versions Covered in this Document

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