



# **Installation Manual**

## **400-036**

Belmont, Bel 7-50 and X-Calibur  
Chair, Helix Swing Mount Adapter Kit

# ADAPTER INSTALLATION NOTES

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## BEFORE YOU BEGIN

- 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 of more boxes with their respective components. Set aside the documentation for the end user to review.

## SPECIAL TEXT FORMATTING

To simplify installation, this manual is formatted to highlight references for necessary parts or tools:

- Parts that need to be located during assembly are shown in **bold**
- Tools that are required for each step are shown underlined.

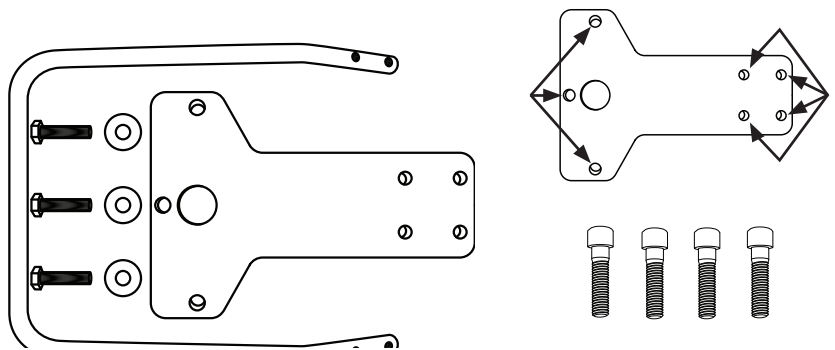
## SUGGESTED TOOLS

- 7/16 combination wrench
- 9/16 combination wrench or deep wall socket
- 5/8 combination wrench
- 15/16 combination wrench
- SAE hex key set
- Magnetic Level, 6 to 12 inches long
- Flathead screwdriver, small
- Phillips screwdriver, #2

# 400-036 BELMONT X-CALIBUR HELIX ADAPTER KIT

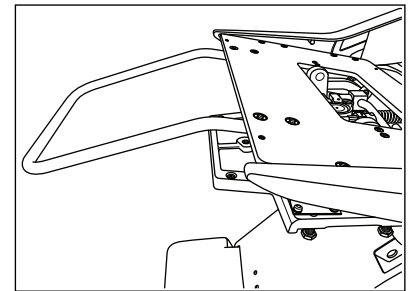
## Kit Includes:

- CH-0559 - Adapter Plate
- CH-0560 - Foot Rest Support Bar
- 001-432 - 3/8-16 x 1-1/2 Screws Qty. 4
- 001-007 - M12 x 1.75 Qty.3
- 003-408 - Steel Flat Washer Qty. 3



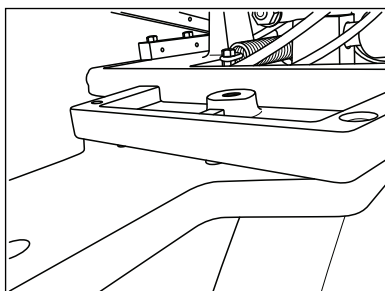
1. Remove the seat plate assembly from the chair as per manufacturer instructions.
2. With Phillips screw driver, remove and discard the existing Foot Rest Support Bar from the chair casting. **Do Not Discard the Screws**, they will be reused. To avoid colliding parts be sure to **use Provided Foot Rest Support Bar**

Foot Rest Support Bar and Chair Casting

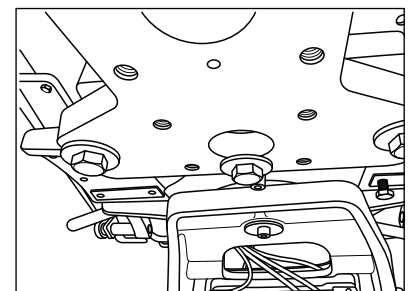


3. Install the **Adapter Plate** to the bottom of the chair's rotation flange with the three **M12-1.75 x 45mm screws and 1/2" washers**. Tighten the screws to 50 ft. lbs. of torque.

Adapter Plate to Bottom of the Rotation Flange

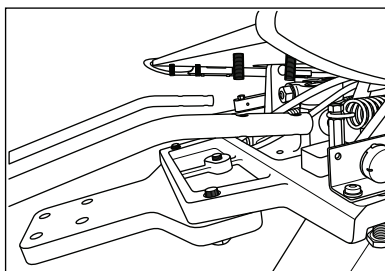


Screws and Washers Installed with 50lbs of Torque

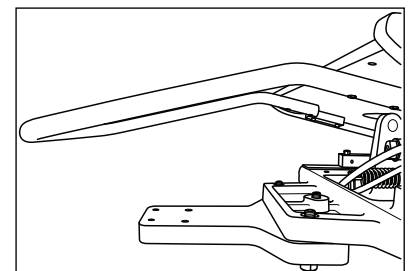


4. Install the "New" **Foot Rest Support Bar** to the bottom of the chair casting with the existing screws (from Step #2) and a Phillips screw driver.

Foot Rest Support Bar to the Bottom of the Seat Plate



Foot Rest Support Bar Adapter Plate Installation Complete



5. Re-install the seat plate assembly as chair manufacturer instructions.



## WARRANTY

BDS warrants its product to be free of defects in material and workmanship for SEVEN FULL YEARS from the date of purchase on all units. Auto-blocks and standard foot controls are covered by a LIFETIME warranty when factory installed as part of a complete dental system. Upholstery has a TWO YEAR warranty and does not cover normal wear, stains, cuts or tears. Our LED lights have a FIVE year Warranty and our halogen light has a ONE year Warranty. Operatory chair motors feature a TEN year warranty. All warranty is limited to repair or replacement by BDS. Products returned to the factory and determined to be defective will be repaired or replaced free of charge at discretion of BDS. The warranty does not cover light bulbs, electrical components and trimmed or installed tubing. BDS reserves the right to void all warranties if any product is installed by other than an authorized technician. BDS' warranty does not cover damage to any surface finish, including but not limited to, discoloration or abrasion from cleaners, disinfectants or light sources. No claim for labor or consequential damages will be allowed. Return items must include a copy of the invoice or packing slip as proof of purchase.

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