

XO[®] 4

RETROFIT XO HD DISPLAY FOR EXISTING LONG ARM

YB-984
Version 1.10

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This instruction covers XO-617:
Retrofit XO HD Display for existing long arm to fit XO 4 workstations supplied after 2005

XO cable set for XO HD Display.

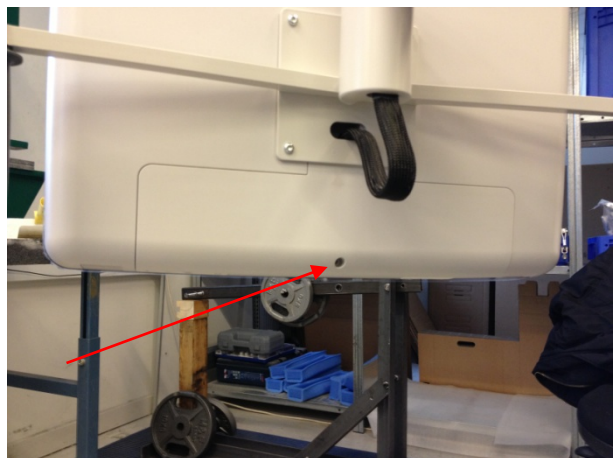


WARNING:

When making changes and handling electronics in the XO 4 Unit – always use ESD antistatic wristband (UC-600).



Remove the screw in the cover of the present installed screen.



Remove the cover, and the attachment bolts in the monitor.



Disconnect the cables.



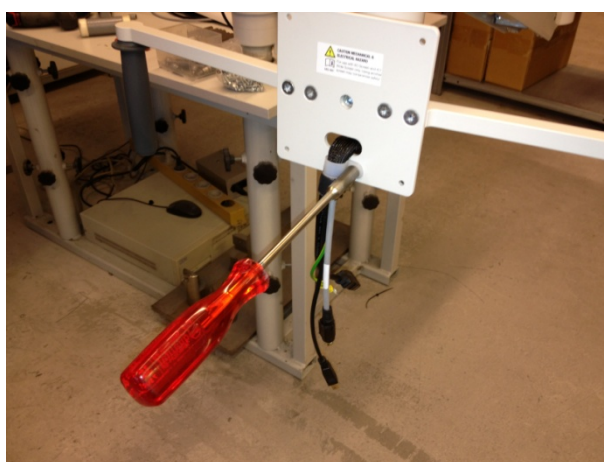
Remove the monitor.



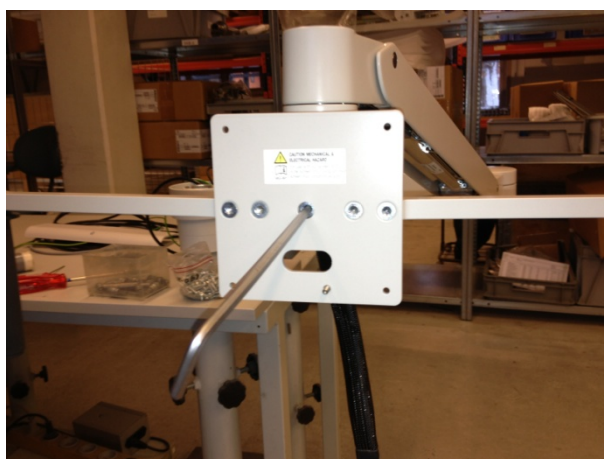
Loosen the adjustment screw.



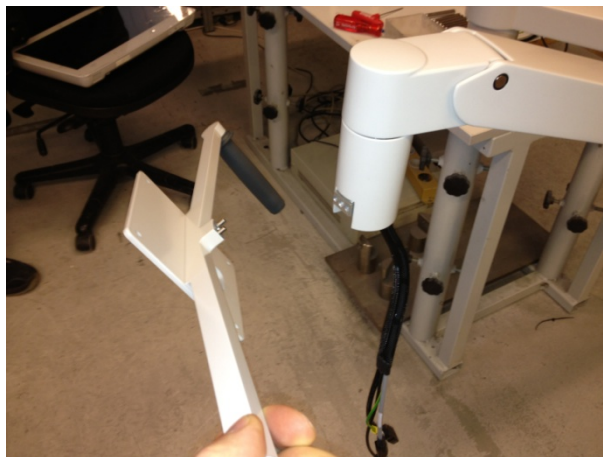
Unscrew the wire clamp bolt.



Unscrew the bracket attachment bolt.



Remove the monitor bracket.



Remove the upper attachment rods with a hammer and a drift.



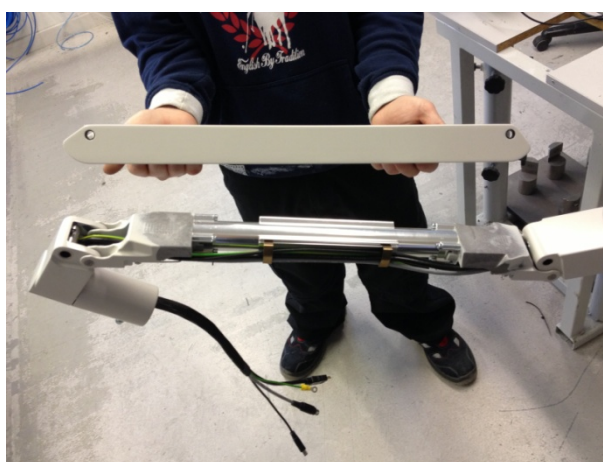
Remove the lower attachment rods with a hammer and a drift.



The 2 attachment rods.

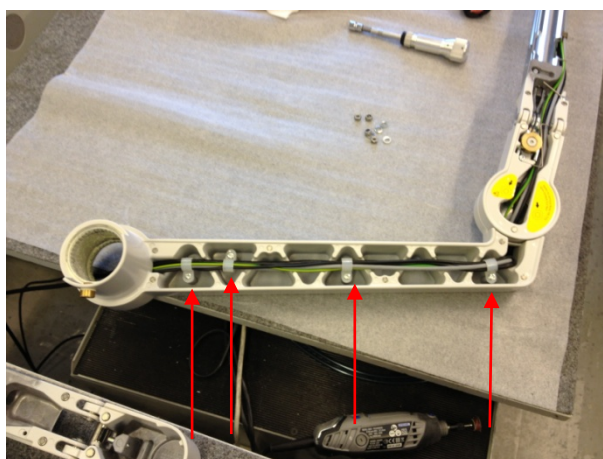


Remove the U-profile.

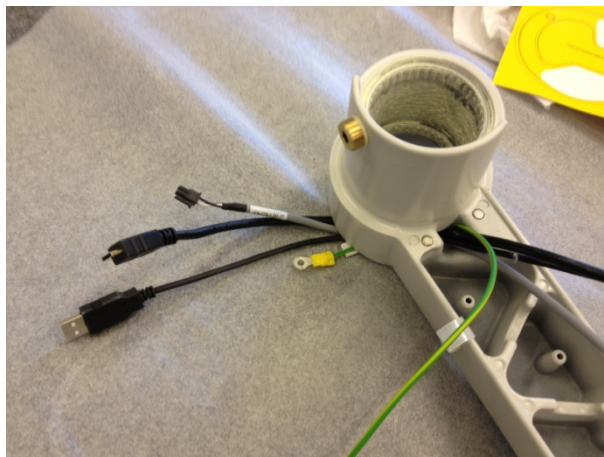


Now remove the complete Monitor arm from the unit.

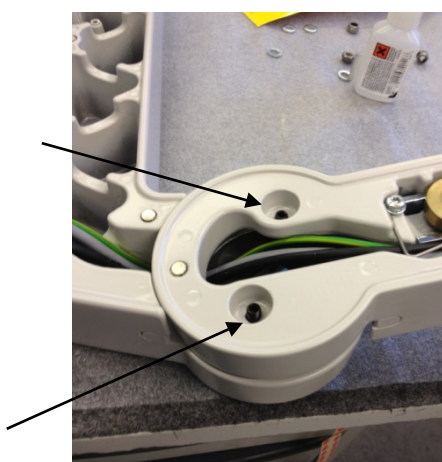
Remove the wire clamps of the rear arm.



Pull the cables out of the arm.



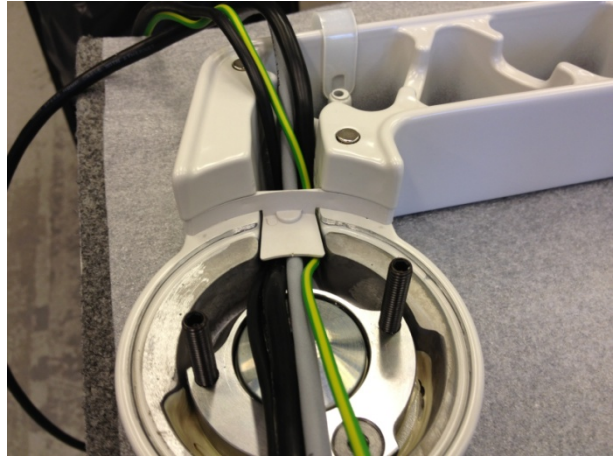
Unscrew the two 6 mm nuts.



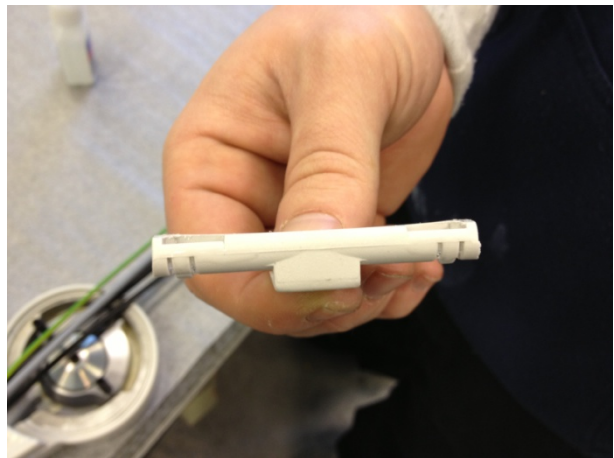
Gently lift up the forward arm.



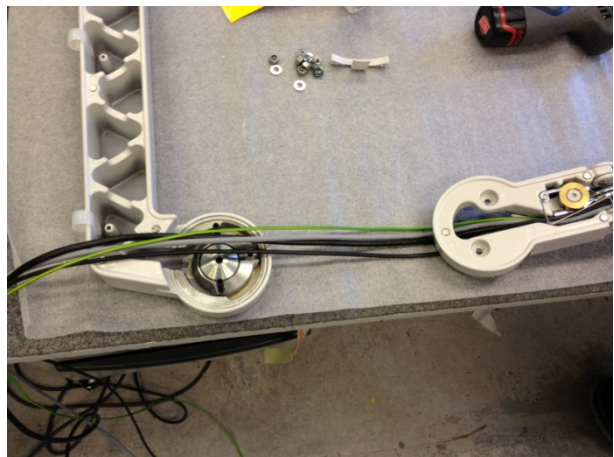
Remove the cable protection bracket.



Inspect the bracket.



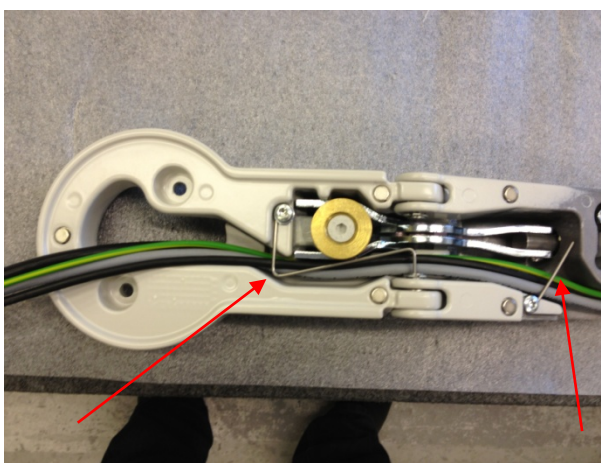
Remove the forward arm from the aft arm.



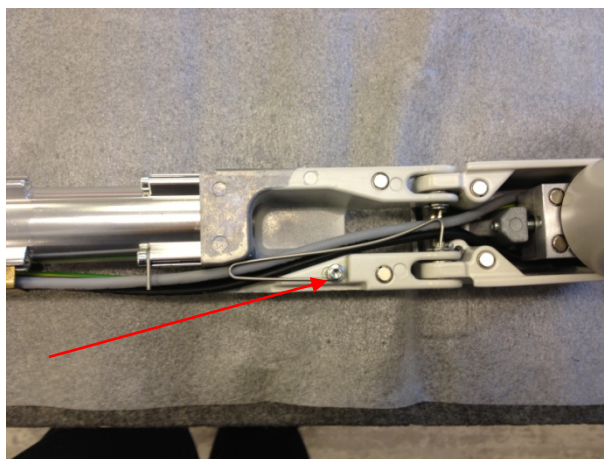
Pull out the cables from the arm.



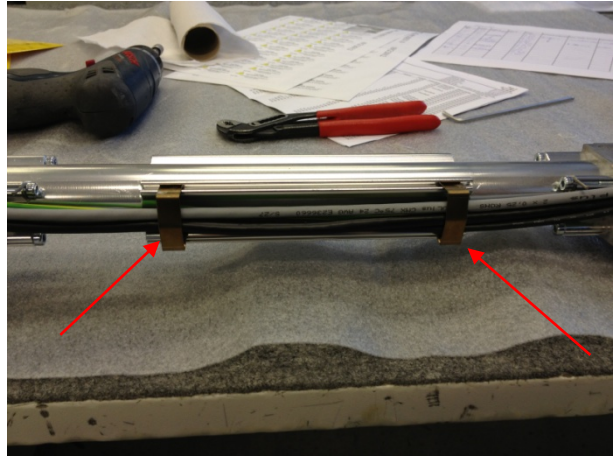
Remove the cable holders.



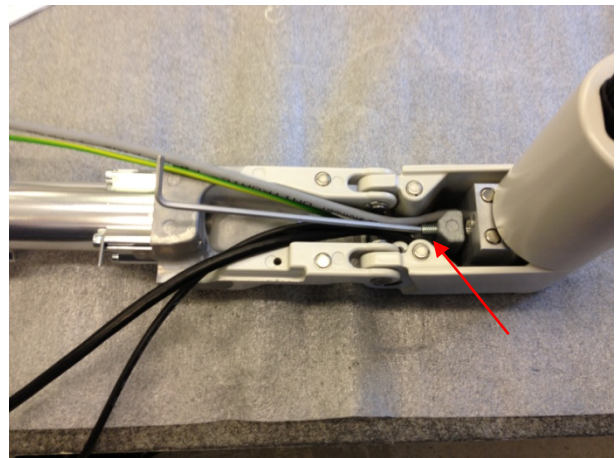
Remove the cable holder bolt.



Remove the wire clamps.



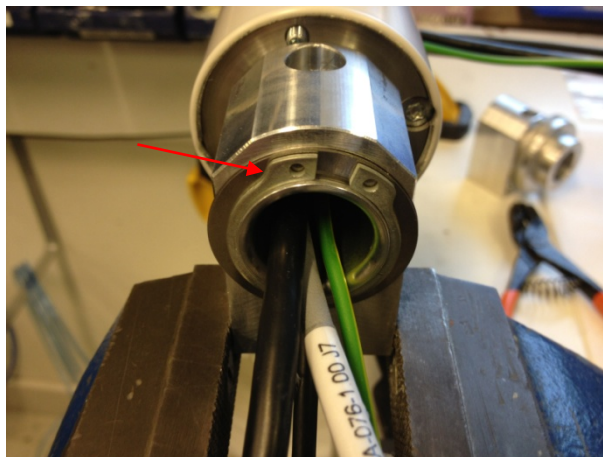
Remove the attachment bolt from the monitor joint.



Now remove the cable with the rotatable joint.



Remove the locking ring.



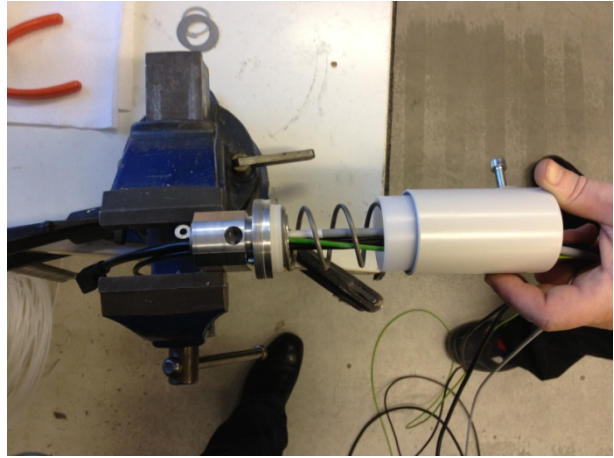
Be aware of the locking ring and the spacers.



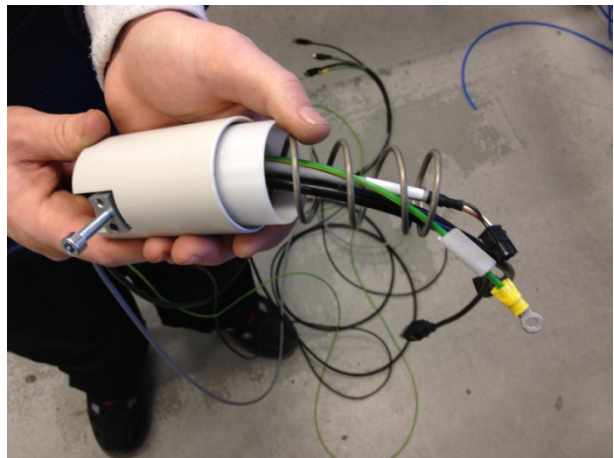
Unscrew the attachment bolt.



Unscrew the joint housing.

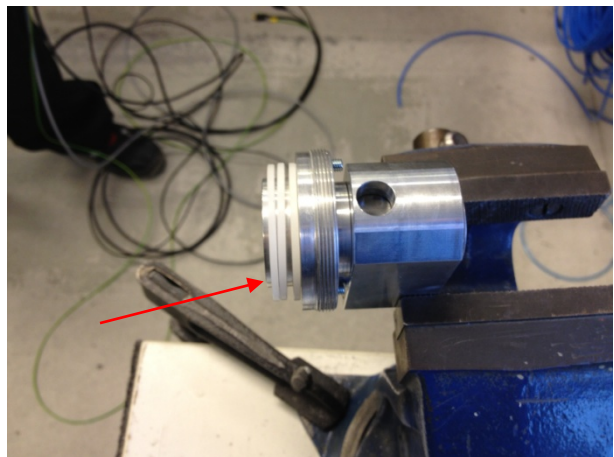


Pull out the cables.

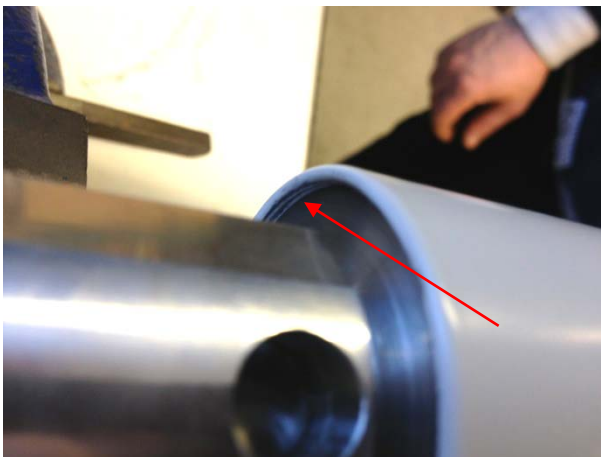


Install the new cable set in opposite order, and pay special attention to the following!

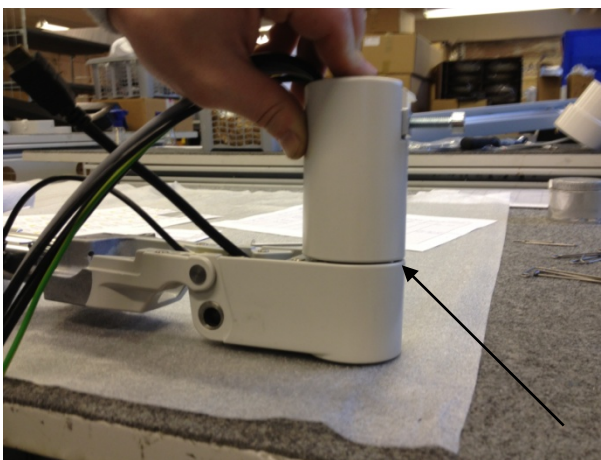
1. Make sure that all the spacers are in position!



2. Make sure that 3 threads are visible in the support tube after installing!



3. Make sure there is a small gap between the tube and the support bracket!



4. Make sure the cables are aligned in the arm. 2 cables on each side of the bolt attachment!



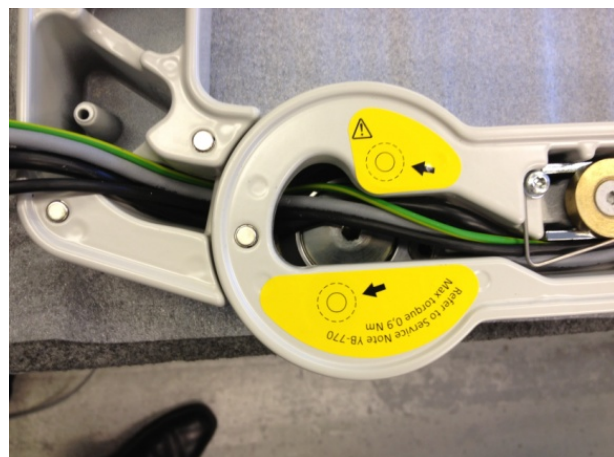
5. When installing the plastic wire support, use UH-099 super glue to keep the support in position!



6. Use a torque wrench when installing the 2 self locking nuts. Torque the nuts step by step and check the bearing tolerance in between each torque sequence. The nuts must only be torque to a maximum of 0,9 Nm!



7. Install the yellow warning labels!



8. Adjustment of spring for balance.

Adjust the balance of the arm by turning the adjustment screw CW or CCW. 1 turn CW means adding 200g lifting capacity. 1 turn CCW means reducing the lifting capacity with 200 g.

Use an Allen key in order to adjust the spring. See the HD display weight on the Display label. Adjust the setting following these instructions:

Existing screen to HD display 3,9 kg.
XO Screen 15" (3,9 kg)
No adjustment necessary.

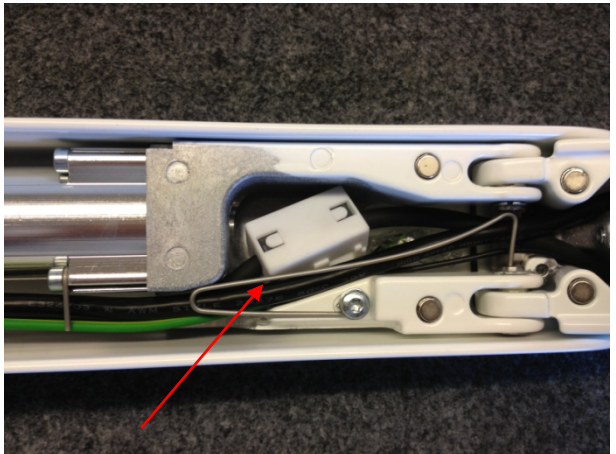
Existing screen to HD display 4,2 kg.
XO Screen 15" (3,9 kg)
Turn screw 1,5 times CW.

Existing screen to HD display 4,2 kg
XO Widescreen 19" (4,5 kg)
Turn screw 1,5 times CCW.

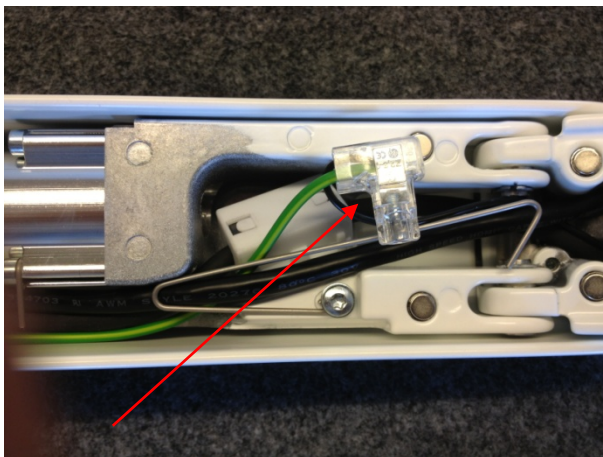
Existing screen to HD display 3,9 kg
XO Widescreen 19" (4,5 kg)
Turn screw 3 times CCW.



9. Install the ferrite block on the power supply cable!



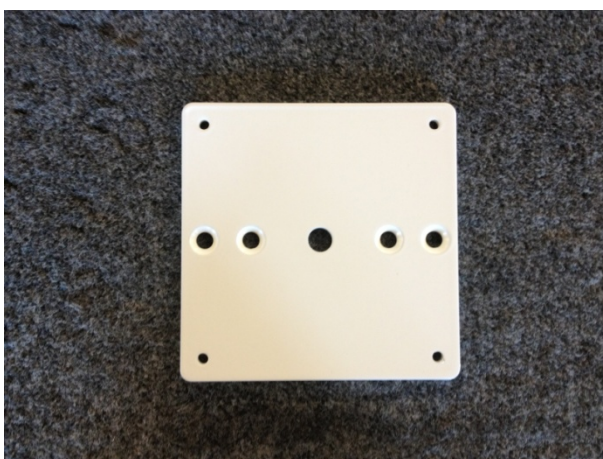
10. Remember to install the ground wire connection from the HD Display. Use the black wire to pull the cable through the arm joint!



Install the new handle operation arm.



Install the new Vesa bracket.



Remove the old handle attachments.



Install the set screws in the new handle operation arm.



Install the old handle attachments to the new handle operation arm.



Install the old handles.



Install AD-632 print in the Unit stand.



When cable replacement is complete, install the monitor arm on the unit, and install the HD Display.



See instruction YB-990



Fig. no. YB-990
Version 1.00

Important!

**Please fill in document YB-970
attached to this installation guide.**

Documentation for proper functioning of XO® HD Display

The information contained in this document is the property of XO® and is confidential.

Equipment details for proper functioning of XO® HD Display

Equipment name	
Manufacturer	
Equipment type	
Equipment model	
Equipment serial number	
Equipment calibration date	
XO® output device	

Equipment details for proper functioning of XO® HD Display

Equipment name	
Manufacturer	
XO® output device	
Equipment serial number	
Equipment type	
Equipment model	
Equipment calibration date	
XO® output device	

Please submit this form to:

XO CARE A/S
Højbjergvej 10
2675 Hvidovre
Denmark

For the attention of: Technical Service

Signature: _____

Stamp: _____

XO® HD Display version 1.00

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