



# SDP-860 Arm Joint Torque Adjustment Manual

1. Head Tilting Adjustment
2. Main Tilting Adjustment

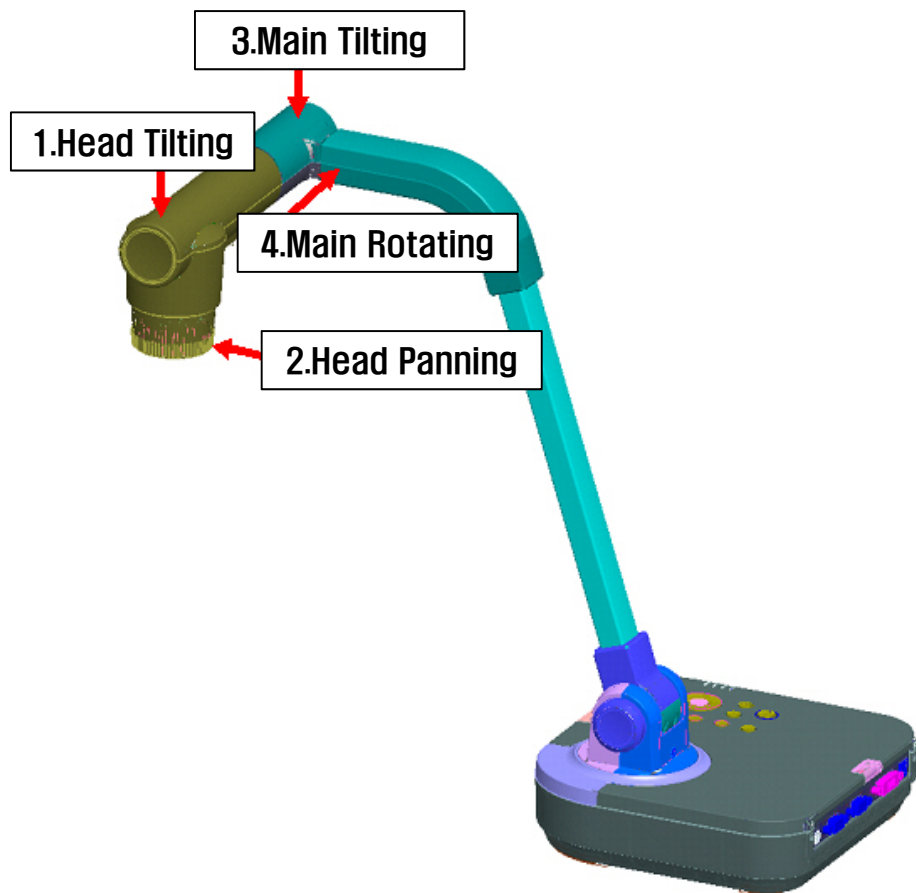


205 Westwood Ave. Long Branch, NJ 07740  
866-94-BOARDS(26273) / (732)-222-1511  
Fax: (732)-222-7088 | E-mail: [sales@touchboards.com](mailto:sales@touchboards.com)

# SDP-860 Arm Structure



## Definition






| Definition                        | SPEC                        |
|-----------------------------------|-----------------------------|
| 1.Head Tilting                    | 550g±200g<br>(350g~750g)    |
| 2.Head Panning<br><b>(Fixed)</b>  | 1450g±300g<br>(1150g~1750g) |
| 3.Main Tilting                    | 1450g±400g<br>(1050g~1850g) |
| 4.Main Rotating<br><b>(Fixed)</b> | 600g±200g<br>(400g~800g)    |



# 1. Head Tilting Adjustment



## ● Tool for Head Tilting adjustment

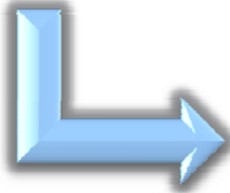
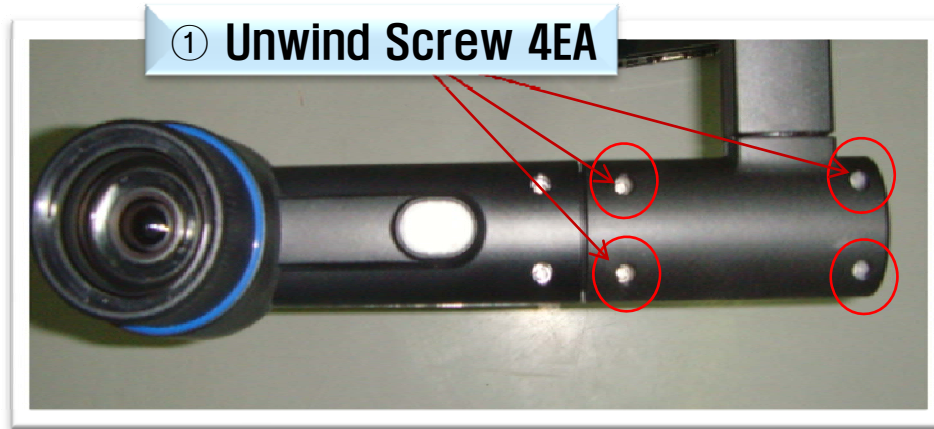
| Tool   | Torque Wrench Head   | Torque Wrench   |
|--|--|---|
| <b>Configuration Standard</b>  | [TOHNICHI] SH8D-24   | [TOHNICHI] No.60CL4<br>20~60kgf.cm  |
| <b>Feature</b>   |  A close-up photograph of the torque wrench head, which is a metal component with two curved, fork-like ends. A blue arrow points from this image to the corresponding part of the assembled tool in the image below. |  A photograph of the complete torque wrench, showing the handle, the head, and the adjustment dial at the end. A blue arrow points from this image to the corresponding part of the assembled tool in the image below. |
|  A photograph of the assembled tool, showing the torque wrench head attached to the handle. Two blue arrows point from the individual component images above to the corresponding parts of this assembled tool. |  |   |

# Head Tilt Torque Adjustment



## Work Order

1. Remove SCREW as below and open the top cover up.



# Head Tilt Torque Adjustment



## ● Work Order

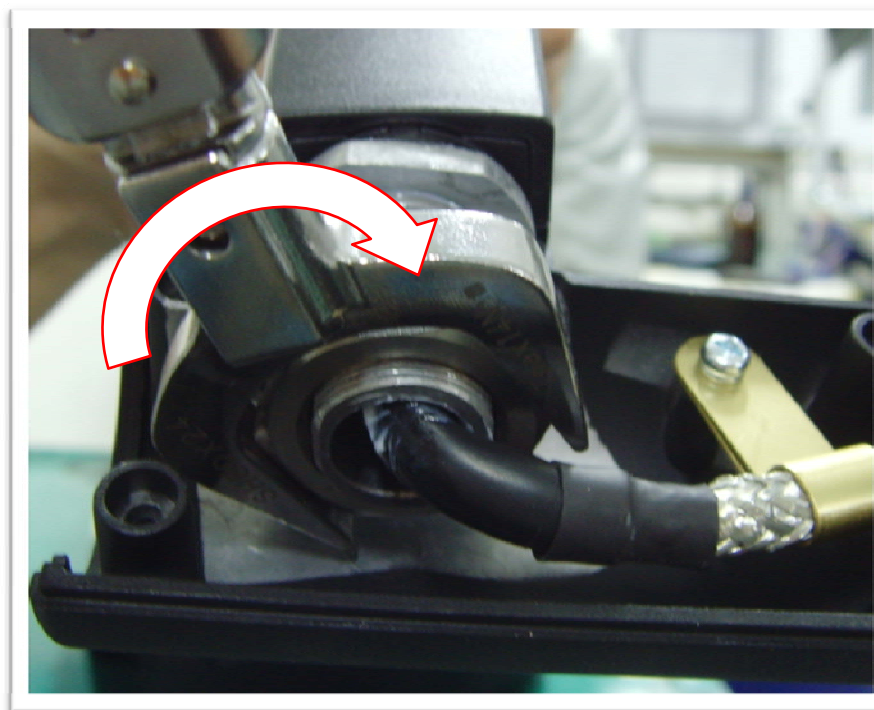
2. Using torque wrench, turn the head body nut to clockwise.

### Tool LIST

|                       |                                    |
|-----------------------|------------------------------------|
| Torque Wrench         | [TOHNICHI] No.60CL4<br>20~60kgf.cm |
| Torque Wrench<br>Head | [TOHNICHI] SH8D-24                 |



■ Wrench Torque ; 40kgf/cm



# Head Tilt Torque Adjustment

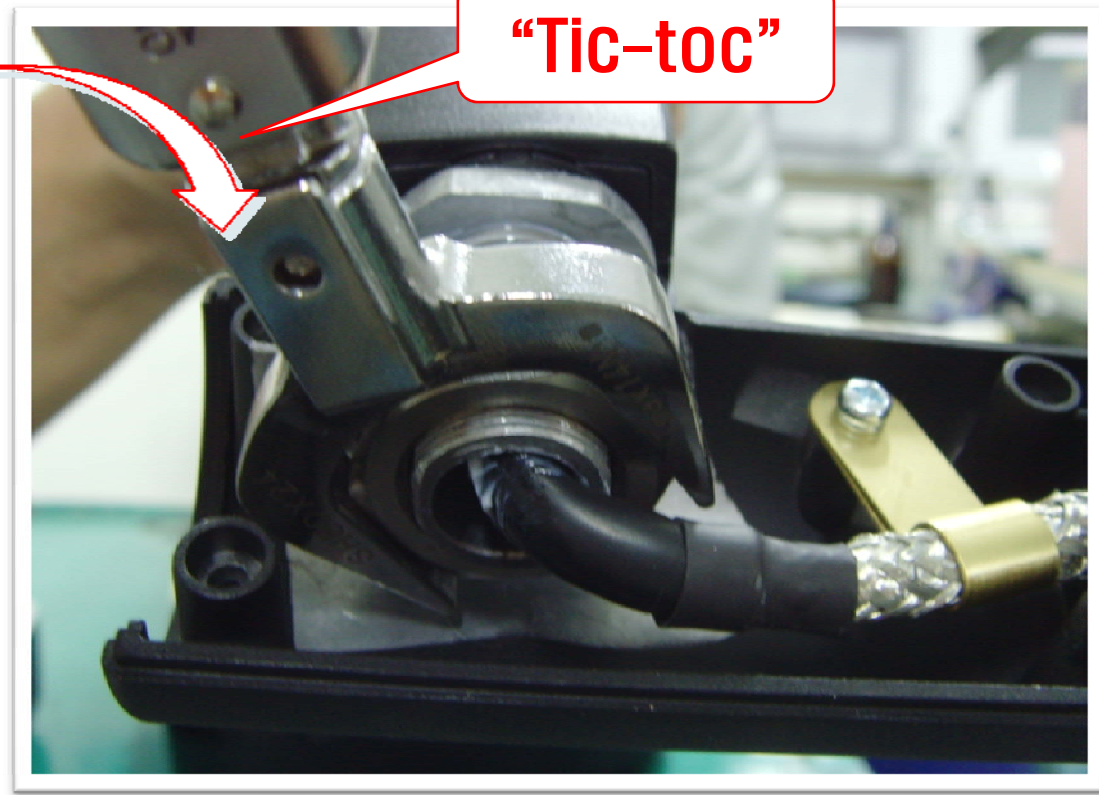


## Work Order

3. Fasten the nut until you hear tic-toc sound.

※ Check direction, 'ONLY' .

Torque Wrench should be configured as [40Kgf.cm](#)








## **2. Main Tilting Torque adjustment**





## ● Tool for Main Tilting Adjustment

| Tool                          | Torque Wrench Socket   | Torque Wrench  |
|-------------------------------|--|--|
| <b>Configuration Standard</b> | Wrench Socket (13mm)   | [TOHNICHI] No.60QL4<br>10~60kgf.cm, 0.5kgf.cm  |
| <b>Feature</b>                |  A photograph of a cylindrical metal torque wrench socket. A blue arrow points from the center of the socket towards the bottom-right image.   |  A photograph of a torque wrench with a black handle and a silver shaft. A blue arrow points from the shaft towards the bottom-right image. |
|                               |  A photograph of the torque wrench with the socket attached. Two blue arrows point from the individual components in the previous row to their respective positions in this assembled view. |  |

# Main Tilt Torque Adjustment

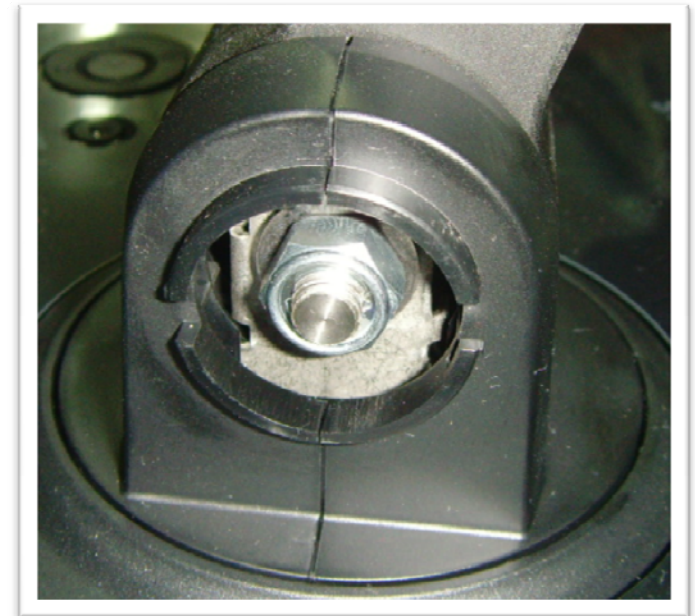


## Work Order

1. Take Arm Cap off on the side



Arm Cap



# Main Tilt Torque Adjustment



## Work Order

2. Using Torque Wrench, adjust Main Arm U-Nut.

※ Once you unwind U-nut, never use the nut again, replace with new one.

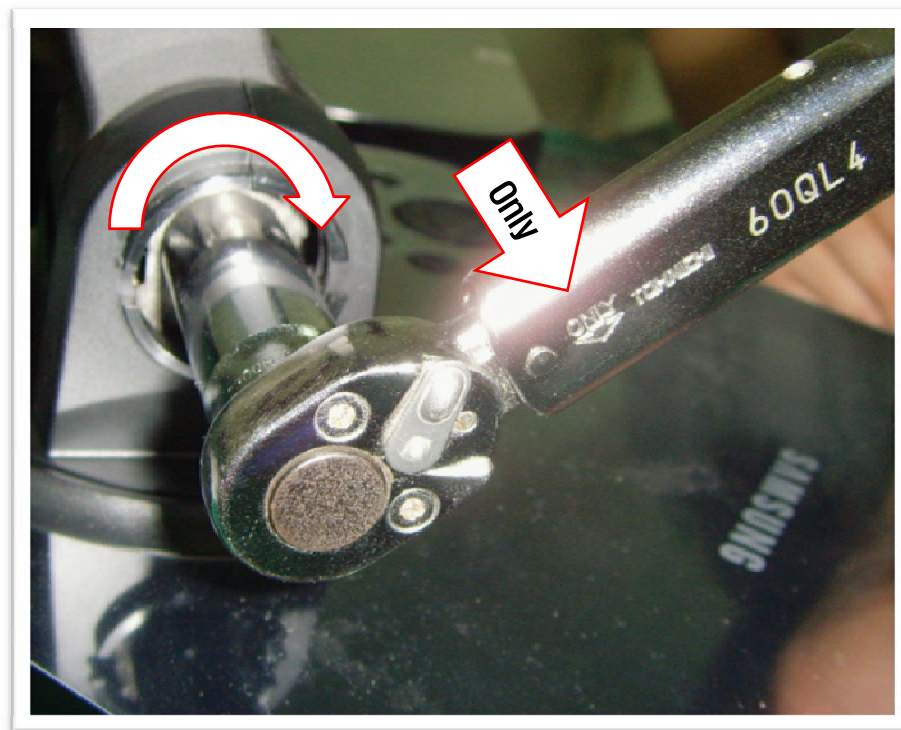
[Prohibiting wind and unwind the U-nut]

### Tool LIST

|               |   |
|---------------|---|
| Torque Wrench | [TOHNICHI] No.60QL4<br>10~60kgf.cm, 0.5kgf.cm |
| Wrench Socket | 13mm  |



■ Wrench Torque ; 40kgf/cm



# Main Tilt Torque Adjustment



## Work Order

3. Fasten the U-nut until you hear tic-toc sound.

※ Check direction, 'ONLY' .

Torque Wrench should be configured as [35Kgf.cm](#)

