

Aeron® Arm Yoke Replacement

TOOLS REQUIRED: 5MM HEX BIT
RATCHET WRENCH
#2 PHILLIPS HEAD SCREWDRIVER
13MM SOCKET
T-27 TORX BIT
TORQUE WRENCH WITH 250 IN-LBS CAPACITY
PLIERS

PROCEDURE:

NOTICE

Make sure fasteners are torqued to specified values.

⚠ WARNING

Support back frame while removing screws used in attaching back frame to swing arms. Failure to do so could allow back frame to fall causing product damage or personal injury.

⚠ CAUTION

Support arm yoke while removing from swing arm. Failure to do so could cause product damage.

✂. WHILE SUPPORTING BACK FRAME USE 5MM HEX BIT AND RATCHET WRENCH, TO REMOVE (4) SCREWS ATTACHING BACK FRAME TO SWING ARMS. SET ASIDE SCREWS. REMOVE BACK FRAME AND SET ASIDE. SEE FIGURE 1.

2. USING #2 PHILLIPS HEAD SCREWDRIVER REMOVE AND SET ASIDE (2) SCREWS FASTENING ARM PAD TO ARM PAD SUPPORT. REMOVE ARM PAD BY PULLING UP AND PIVOTING BACK FROM FRONT EDGE. SET ASIDE ARM PAD. SEE FIGURE 2.

✂. FOR ARM PAD SUPPORT REMOVAL, FOLLOW APPROPRIATE PROCEDURE BELOW:

-FOR FIXED ARM, USING 13MM SOCKET AND RATCHET WRENCH, REMOVE AND SAVE HEX HEAD SCREWS WITH WASHERS, SECURING ARM PAD SUPPORT TO ARM YOKE. REMOVE AND SET ASIDE ARM PAD SUPPORT. SEE FIGURE 3.

-FOR VERTICALLY ADJUSTABLE ARM, USING 13MM SOCKET AND RATCHET WRENCH, REMOVE AND SAVE HEX HEAD SCREWS AND (4) NYLON WASHERS, SECURING ARM PAD SUPPORT TO ARM YOKE. REMOVE AND SET ASIDE ARM PAD SUPPORT AND VERTICALLY ADJUSTABLE SPACER. NOTE: OLDER CHAIRS MAY HAVE (2) STEEL AND (2) NYLON WASHERS. REMOVE AND SET ASIDE. SEE FIGURE 4.

-FOR ADJUSTABLE ARM, USING 13MM SOCKET AND RATCHET WRENCH, REMOVE AND SAVE HEX HEAD SCREWS, STAR WASHERS, AND NYLON WASHERS SECURING ARM PAD SUPPORT TO ARM YOKE. REMOVE ARM PAD SUPPORT FROM ARM YOKE AND SET ASIDE. REMOVE TORSION SPRING FROM ARM PAD SUPPORT AND SET ASIDE. REMOVE YOKE AND INDEX BUSHING FROM ARM YOKE AND SET ASIDE. SEE FIGURE 5.

NOTICE

At disassembly, on adjustable arms, keep thumbwheel from spinning.

4. FOR ARM YOKE REMOVAL, FOLLOW APPROPRIATE PROCEDURE BELOW:

-FOR FIXED ARM, USING T-27 TORX BIT AND RATCHET WRENCH, REMOVE AND SET ASIDE TORX HEAD SCREW HOLDING ARM YOKE TO SWING ARM. REMOVE ARM YOKE AND DISPOSE OF PROPERLY. SEE FIGURE 6.

-FOR ADJUSTABLE ARM, WHILE SUPPORTING ARM YOKE AND HOLDING THUMBWHEEL, USE T-27 TORX BIT AND RATCHET WRENCH TO REMOVE ARM YOKE. SET ASIDE THUMBWHEEL SCREW ASSEMBLY. REMOVE ARM YOKE AND DISPOSE OF PROPERLY. NOTE: OLDER CHAIRS HAVE SPRING AND SPRING RETAINER. REMOVE AND DISPOSE OF PROPERLY. SEE FIGURE 7.

NOTICE

Keep thumbwheel tight against inner wall of thumbwheel slot in arm yoke, closest to swing arm, while tightening Torx head screw.

✂. FOR ARM YOKE INSTALLATION, FOLLOW APPROPRIATE PROCEDURE BELOW:

-FOR FIXED ARM, INSTALL ARM YOKE TO SWING ARM. INSERT RETAINING PLATE AND TORX HEAD SCREW. TIGHTEN AND TORQUE TO 100-125 IN-LBS. SEE FIGURE 6.

-FOR VERTICALLY ADJUSTABLE AND FULLY ADJUSTABLE ARMS, INSTALL JAMB NUT INTO REPLACEMENT ARM YOKE. INSTALL WASHER AND BEARING INTO THUMBWHEEL. INSTALL THUMBWHEEL INTO THUMBWHEEL SLOT AND HOLD THUMBWHEEL ASSEMBLY IN PLACE. INSTALL OUTER SLIDE BEARING TO ARM YOKE AND POSITION ARM YOKE TO SWING ARM. WHILE HOLDING THUMBWHEEL AGAINST INNER WALL OF THUMBWHEEL SLOT, INSTALL THUMBWHEEL SCREW ASSEMBLY TO ARM YOKE. TIGHTEN TORX HEAD SCREW UNTIL ARM YOKE HOLDS POSITIONED HEIGHT. DO NOT OVERTIGHTEN. SEE FIGURES 7 AND 8.

✂. INSTALL ARM PAD SUPPORT AS FOLLOWS:

-FOR FIXED ARMS, INSTALL ARM PAD SUPPORT, (2) WASHERS, AND HEX HEAD SCREWS TO ARM YOKE. TORQUE SCREWS TO 200-250 IN-LBS. SEE FIGURE 3.

-FOR VERTICALLY ADJUSTABLE ARMS, INSTALL VERTICALLY ADJUSTABLE SPACER TO ARM YOKE WITH TAB POINTING TO OUTSIDE OF ARM YOKE. INSTALL ARM PAD SUPPORT, (4) NYLON WASHERS AND HEX HEAD SCREWS TO ARM YOKE. TORQUE SCREWS TO 200-250 IN-LBS. IF CHAIR HAS (2) STEEL WASHERS AND (2) NYLON WASHERS, INSTALL AS INSTRUCTED ABOVE.

-FOR ADJUSTABLE ARMS, INSTALL ARM INDEX BUSHING AND YOKE BUSHING ON ARM YOKE. TAB ON INDEX BUSHING IS TO BE POINTING TO OUTSIDE OF ARM YOKE. INSTALL ARM PAD SUPPORT TO ARM YOKE AND REINSTALL NYLON WASHERS AND STAR WASHERS SECURING WITH HEX HEAD SCREWS. TIGHTEN AND TORQUE SCREWS TO 200-250 IN-LBS. SEE FIGURE 5.

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✗ INSTALL TORSION SPRING INTO ARM PAD SUPPORT BY INSERTING CURVED END OF TORSION SPRING INTO OPEN CAVITY OF INDEX BUSHING THROUGH TORSION SPRING MOUNTING HOLE. TORSION SPRING SHOULD BE PARTIALLY SEATED INTO MOUNTING HOLE WITH FREE END OF TORSION SPRING RESTING ON ARM PAD SUPPORT. SEE FIGURE 9.

✗ GRASP FREE END OF TORSION SPRING WITH PLIERS. LOAD TORSION SPRING BY TWISTING SPRING AND POSITIONING FREE END OF TORSION SPRING AGAINST INSIDE VERTICAL SURFACE BETWEEN RETAINING BOSSES. SEE FIGURE 10.

7. INSTALL ARM PAD ONTO ARM PAD SUPPORT BY INSERTING TAB ON ARM PAD SUPPORT INTO SLOT IN ARM PAD AND PIVOTING DOWN ONTO ARM PAD SUPPORT. SECURE WITH SCREWS. SEE FIGURES 1 & 11.
8. PLACE BACK FRAME UP TO SWING ARMS ALIGNING HOLES. SECURE WITH SCREWS. TIGHTEN AND TORQUE SCREWS TO 70-100 IN-LBS. SEE FIGURE 1.

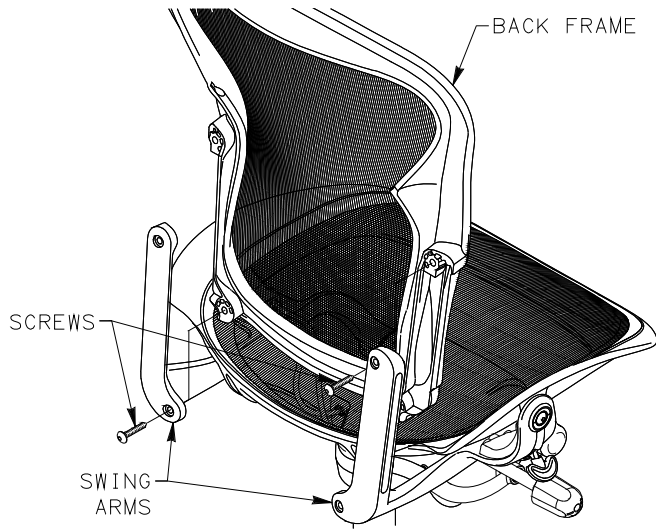


FIGURE 1

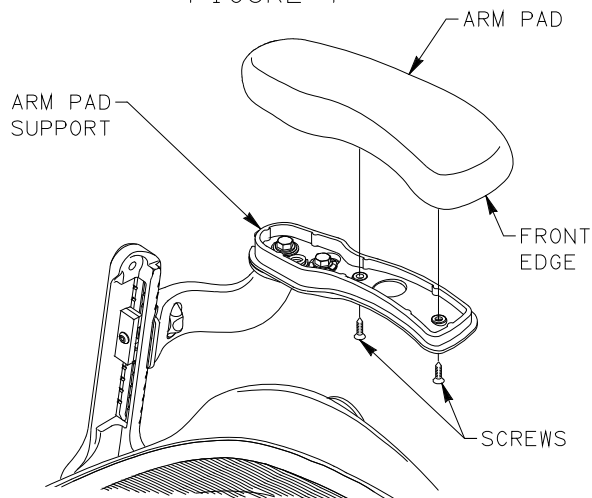


FIGURE 2

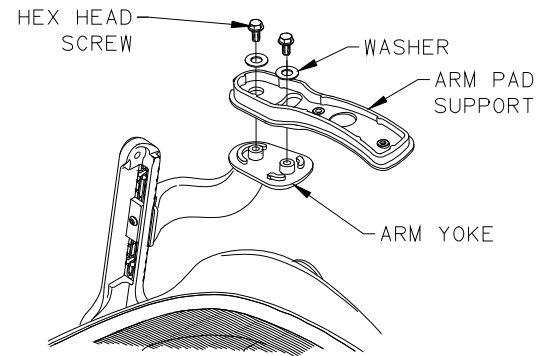


FIGURE 3
(FIXED ARM)

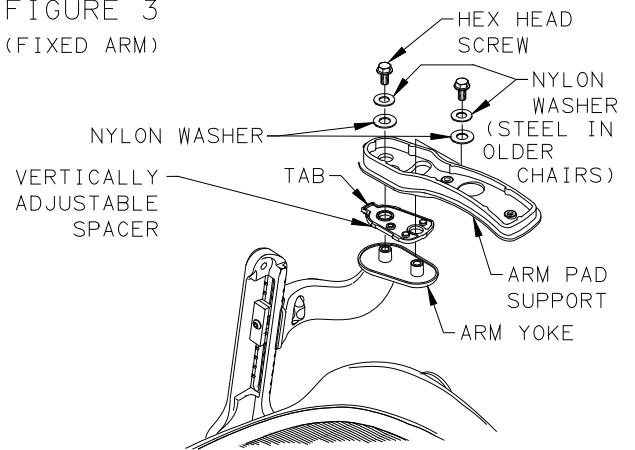


FIGURE 4
(VERTICALLY ADJUSTABLE ARM)

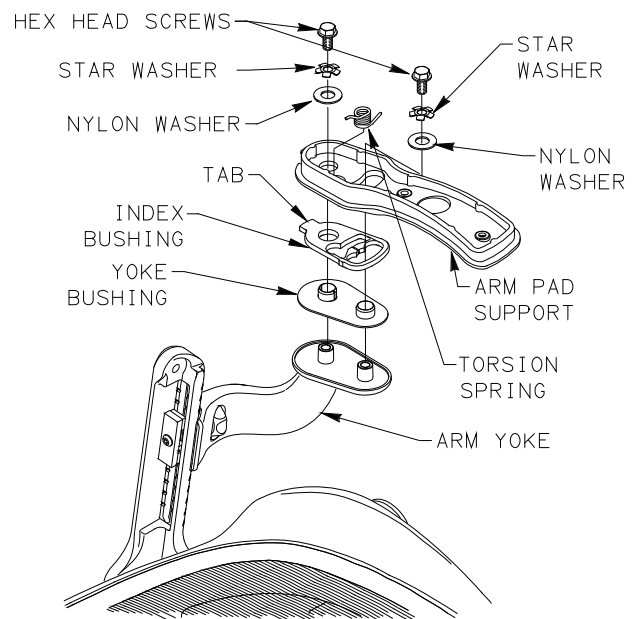


FIGURE 5
(ADJUSTABLE ARM)

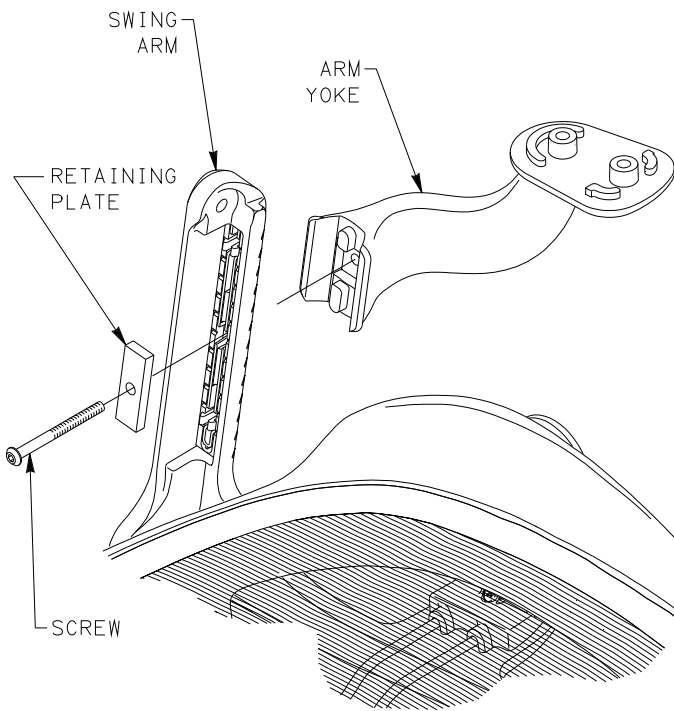


FIGURE 5
(NON ADJUSTABLE ARM)

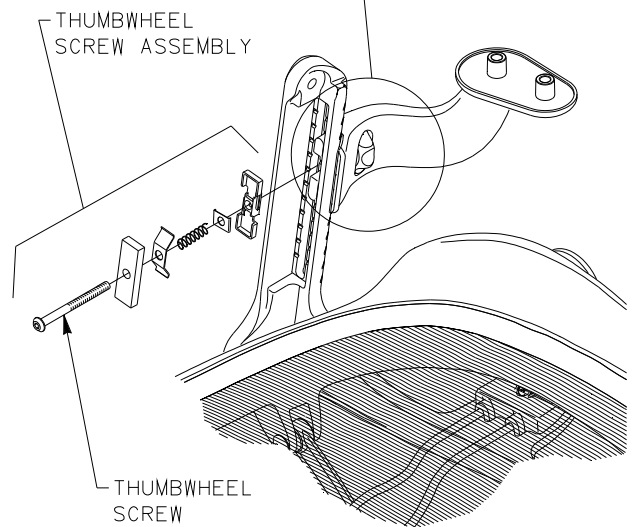
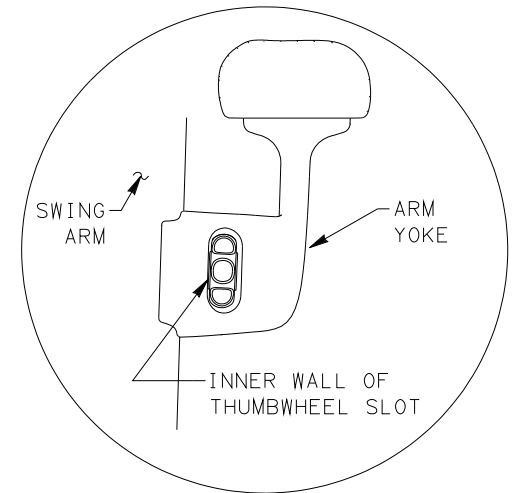


FIGURE 7

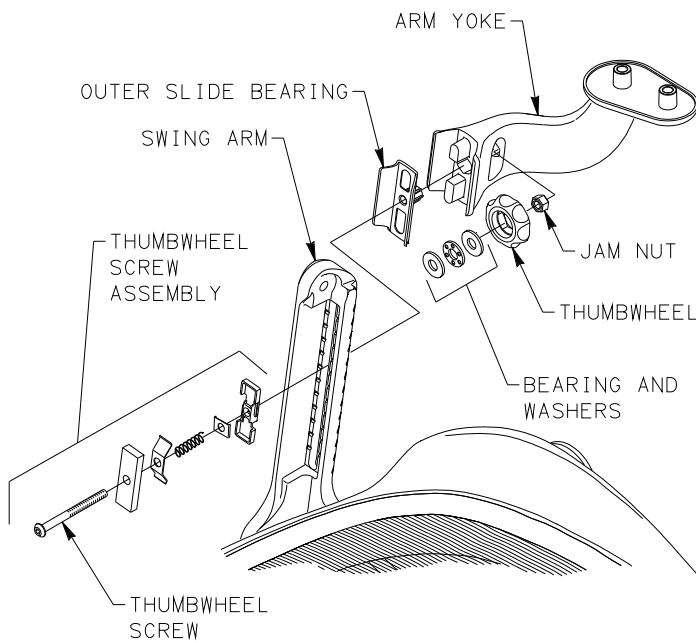


FIGURE 6
(ADJUSTABLE ARM)

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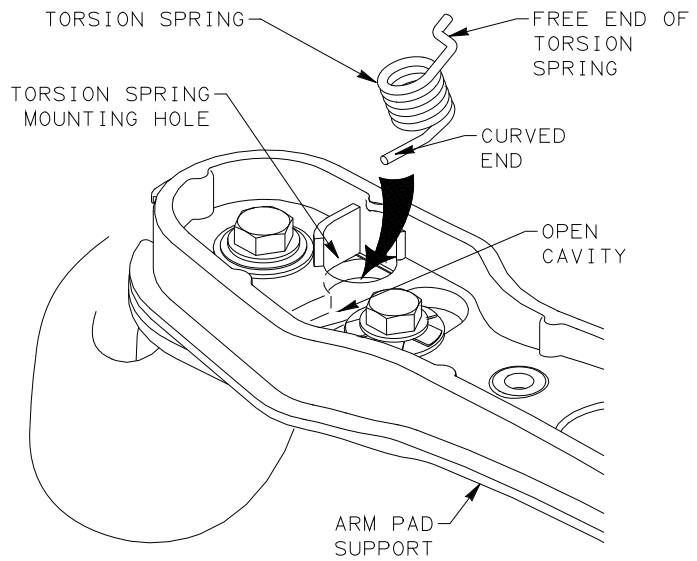


FIGURE 9

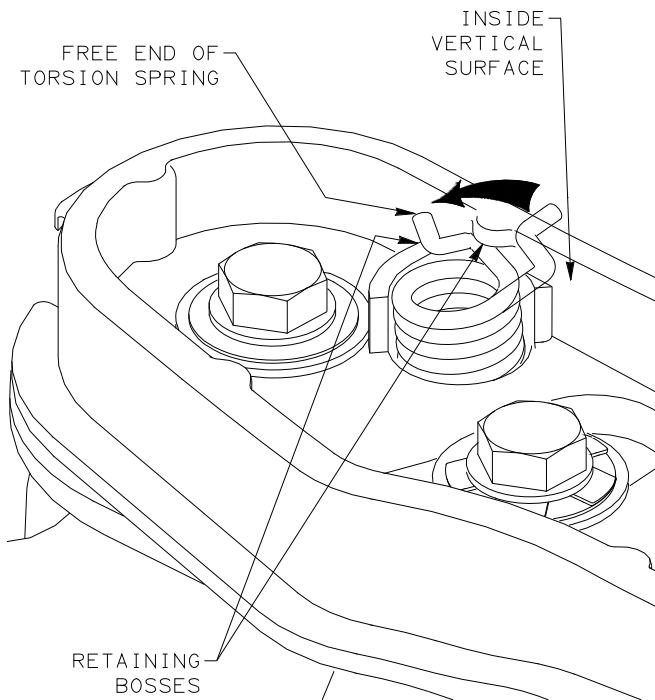


FIGURE 10

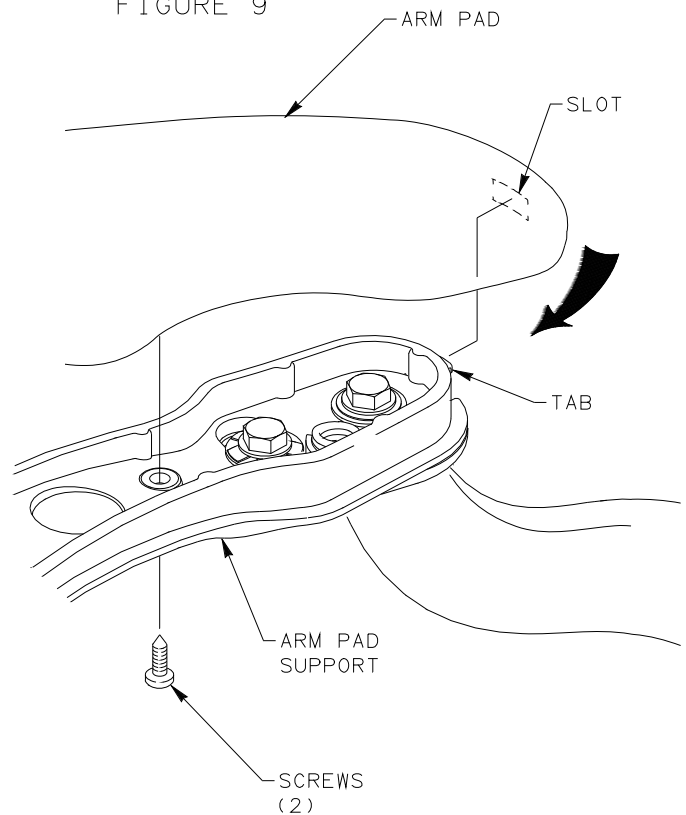


FIGURE 11