

# AERON® TILT COVER REPLACEMENT

**TOOLS REQUIRED:** 1" PUTTY KNIFE  
STRAIGHT HEAD SCREWDRIVER  
6MM HEX BIT  
RATCHET WRENCH  
#2 PHILLIPS HEAD SCREWDRIVER  
TORQUE WRENCH, 150 IN-LB CAPACITY

## PROCEDURE:

### NOTICE

Make sure fasteners are torqued to specified values.

1. APPLY THUMB PRESSURE ON FRONT OF BOTTOM TILT COVER TO START SEPARATION OF TILT COVERS. INSERT 1" PUTTY KNIFE BETWEEN TOP AND BOTTOM COVERS AND TWIST TO COMPLETELY SEPARATE HALVES. REMOVE TOP COVER AND DISPOSE OF PROPERLY. SEE FIGURE 1 AND 2

2. INVERT CHAIR AND PLACE ON CLEAN WORK SURFACE.

3. USING STRAIGHT HEAD SCREWDRIVER REMOVE RETAINER CLIP AND WASHER FROM SHAFT OF PNEUMATIC CARTRIDGE PROTRUDING FROM BASE AND SET ASIDE. SEE FIGURE 3.

4. FOR BASE REMOVAL, FOLLOW APPROPRIATE PROCEDURE BELOW:

-STANDARD CYLINDER: REMOVE BASE FROM PNEUMATIC CYLINDER AND SET ASIDE. SEE FIGURE 3.

-HIGH PERFORMANCE CYLINDER (TELESCOPING MIDSECTION): SLIDE BASE OFF AS FAR AS IT WILL GO. TURN BASE SLOWLY COUNTERCLOCKWISE MAINTAINING SLIGHT UPWARD TENSION WHILE HOLDING TELESCOPING MIDSECTION IN PLACE. WHEN A DEPRESSION IS FELT, CONTINUE TURNING WITH SLIGHT UPWARD PRESSURE. IF BASE WILL NOT TURN AFTER DEPRESSION IS FELT, TURN BASE IN OTHER DIRECTION. SEPARATE BASE FROM TELESCOPING MIDSECTION AND SET ASIDE. SEE FIGURE 3.

### ⚠ CAUTION

Do not overtighten retainer nut. Product damage may result.

INSPECT RETAINER NUT FOR FRACTURES. IF REPLACEMENT IS NEEDED, REMOVE BEARING ASSEMBLY AND BUMPER FROM PNEUMATIC CARTRIDGE SHAFT. USING RETAINER NUT REMOVAL TOOL, REMOVE RETAINER NUT FROM CARRIER TUBE AND DISPOSE OF PROPERLY. DISASSEMBLE PNEUMATIC CARTRIDGE AND TELESCOPING MIDSECTION FROM CARRIER TUBE. REMOVE ANY PIECES OF BROKEN RETAINER NUT THAT MAY HAVE REMAINED INSIDE CARRIER TUBE. INSTALL TELESCOPING MIDSECTION, PNEUMATIC CARTRIDGE AND REPLACEMENT RETAINER NUT TO CARRIER TUBE. DO NOT OVER TIGHTEN RETAINER NUT. RETURN BEARING ASSEMBLY AND BUMPER TO PNEUMATIC CARTRIDGE SHAFT. SEE FIGURE 4.

5. USING 6MM HEX BIT AND RATCHET WRENCH, REMOVE FRONT SHOULDER SCREW AND SET SHOULDER SCREW ASIDE. NOTE ANY SPACER AND BUSHINGS (USED ON OLDER CHAIRS). REMOVE SPACER, IF PRESENT, FROM BOTTOM TILT COVER AND SET ASIDE. PIVOT SEAT LINK BACK. SET ASIDE ANY DISLODGED BUSHINGS. REPEAT FOR OPPOSITE SIDE. SEE FIGURE 5.

6. USING #2 PHILLIPS HEAD SCREWDRIVER REMOVE AND DISCARD (2) SCREWS SECURING LOWER TILT COVER. SLIDE TILT COVER PAST PNEUMATIC CYLINDER AND DISPOSE OF PROPERLY. SEE FIGURE 6.

7. SLIDE REPLACEMENT LOWER TILT COVER OVER PNEUMATIC CYLINDER AND ONTO TILT. MAKE SURE NOTCHES IN TILT SPACER ENGAGE SLOTS IN TILT COVER. IF NECESSARY, ROTATE TILT SPACERS TO ALIGN NOTCHES WITH SLOTS. ALIGN (2) HOLES IN TILT COVER WITH HOLES IN TILT. INSTALL (2) SCREWS AND TIGHTEN. SEE FIGURE 6.

### NOTICE

On older chairs, bushings may become dislodged from seat links while chair is serviced. Check to ensure bushings are present and fully seated in seat links. Hold bushings in place when reinstalling front of seat links.

8. RECONNECT SEAT LINKS TO TILT BY HAND THREADING SHOULDER SCREWS THROUGH SEAT LINK ENDS UNTIL THREADED SNUG IN TILT HOUSING. ON OLDER CHAIRS, MAKE SURE SPACERS AND ALL BUSHINGS ARE PRESENT AND PROPERLY INSTALLED. IF NECESSARY, RESEAT BUSHINGS IN SEAT LINK END BY ORIENTING BUSHING WITH NOTCH IN SEAT LINK. USING 6 MM HEX BIT AND TORQUE WRENCH, TORQUE SHOULDER SCREWS TO 120-150 IN-LBS. SEE FIGURE 5

9. FOR BASE INSTALLATION, FOLLOW APPROPRIATE PROCEDURE BELOW.

-STANDARD CYLINDER. INSTALL BASE OVER PNEUMATIC CYLINDER. SEE FIGURE 3.

-HIGH PERFORMANCE CYLINDER (TELESCOPING MIDSECTION): DEPRESS RETAINER ON TELESCOPING MIDSECTION WHILE INSTALLING BASE OVER PNEUMATIC CYLINDER. SEE FIGURE 3

10. INSTALL WASHER AND RETAINER CLIP TO SHAFT OF PNEUMATIC CARTRIDGE. SEE FIGURE 3.

11. STAND CHAIR IN UPRIGHT POSITION.

### ⚠ CAUTION

Make sure all cables are routed through cable openings on tilt cover before snapping tilt cover in place or product damage may occur.

12. PLACE TOP TILT COVER ON TILT AND ALIGN WITH BOTTOM TILT COVER. ROUTE ALL CABLES THROUGH CABLE OPENINGS AND SNAP COVERS TOGETHER. SEE FIGURE 2.

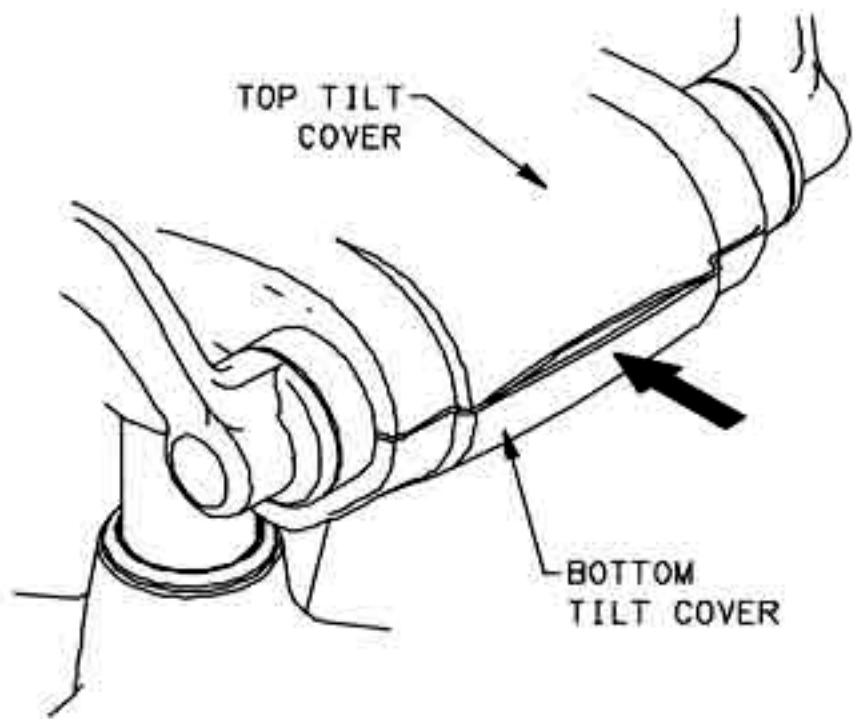


FIGURE 1

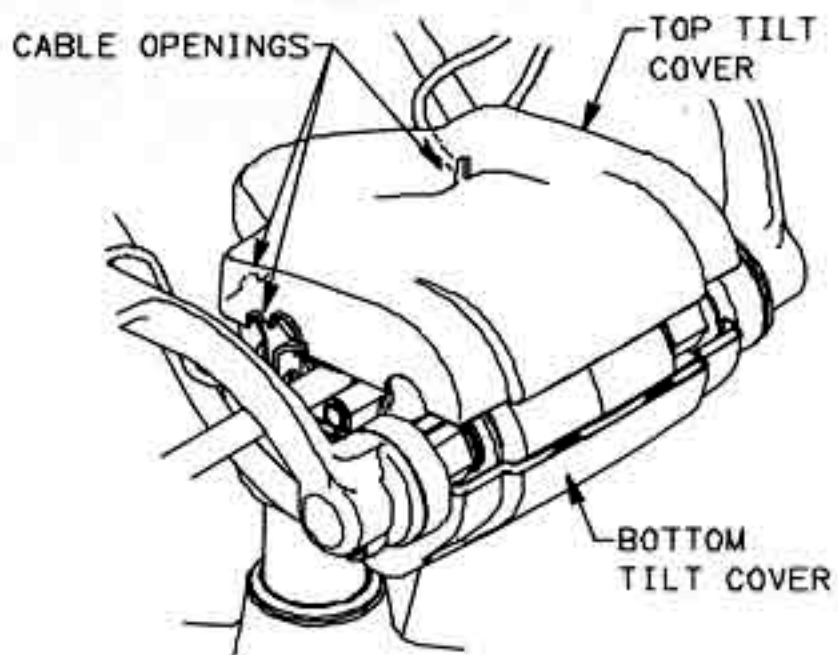


FIGURE 2

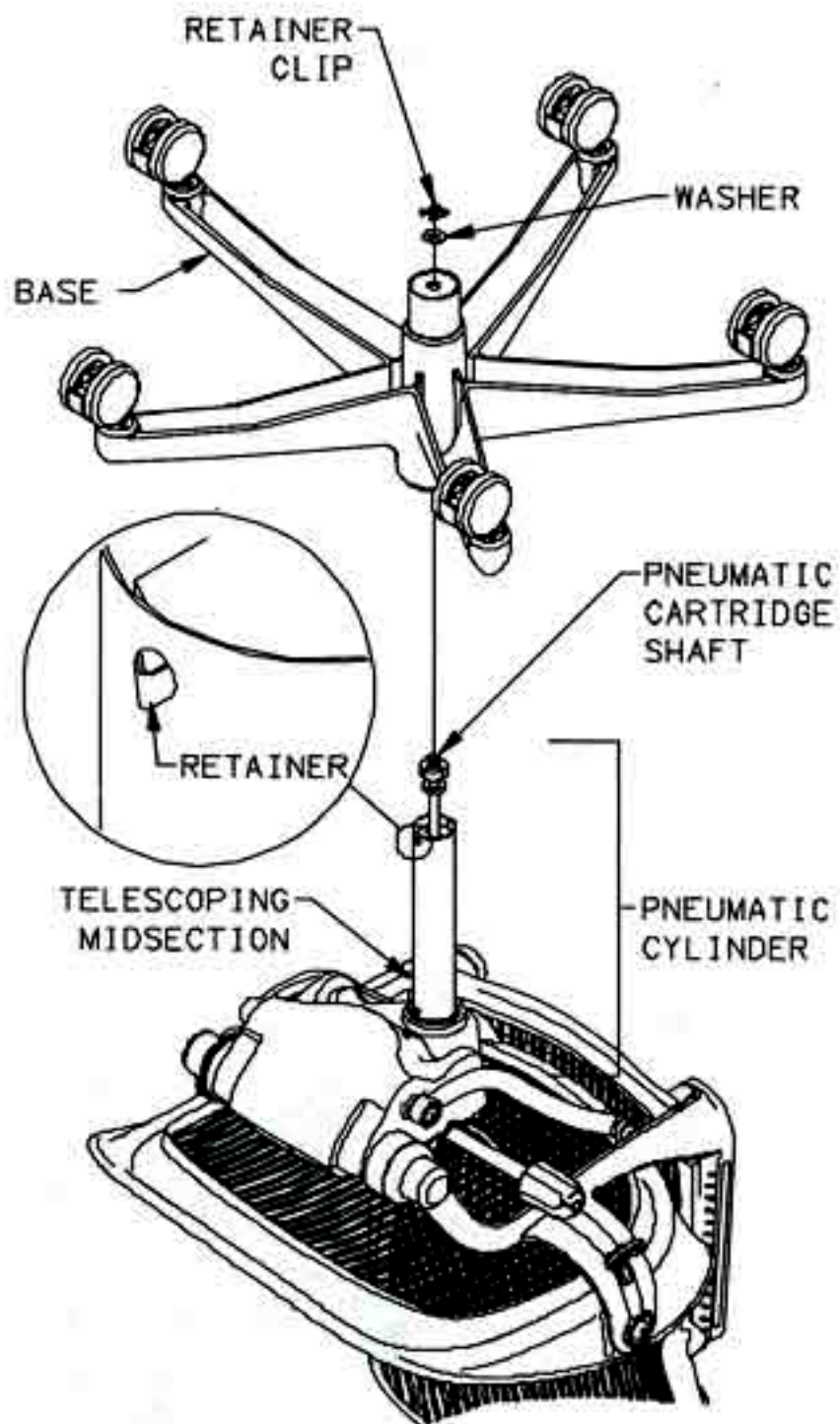


FIGURE 3

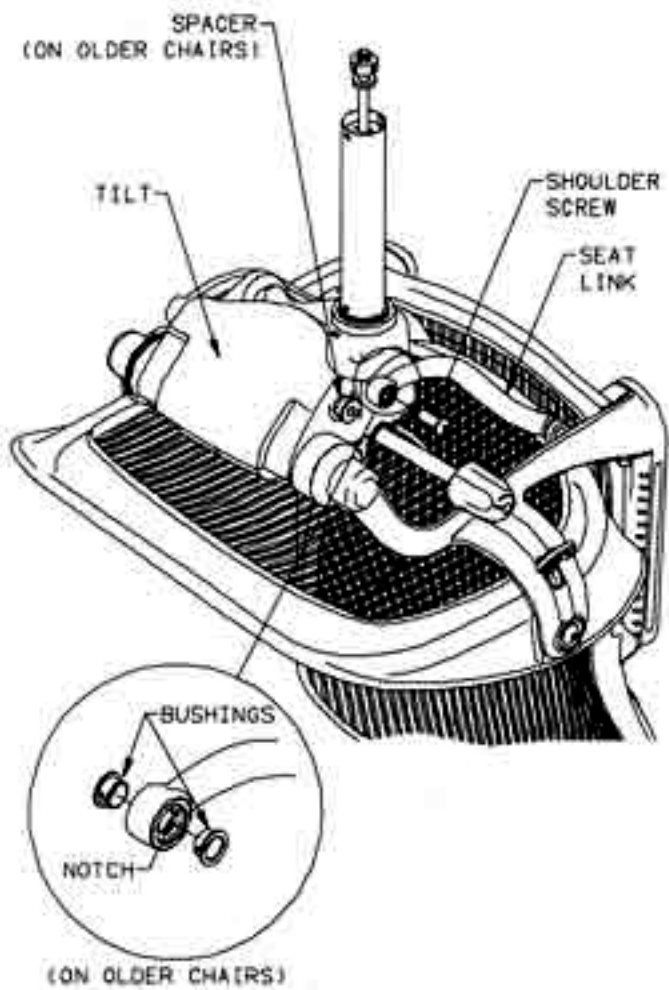
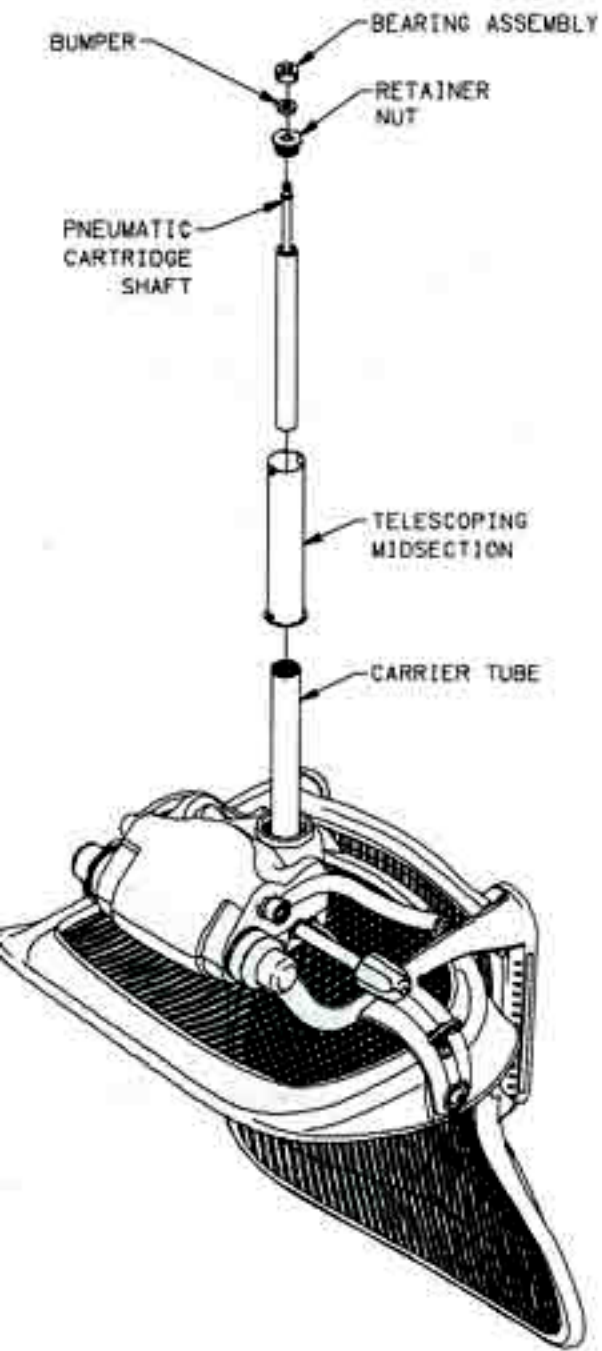


FIGURE 5

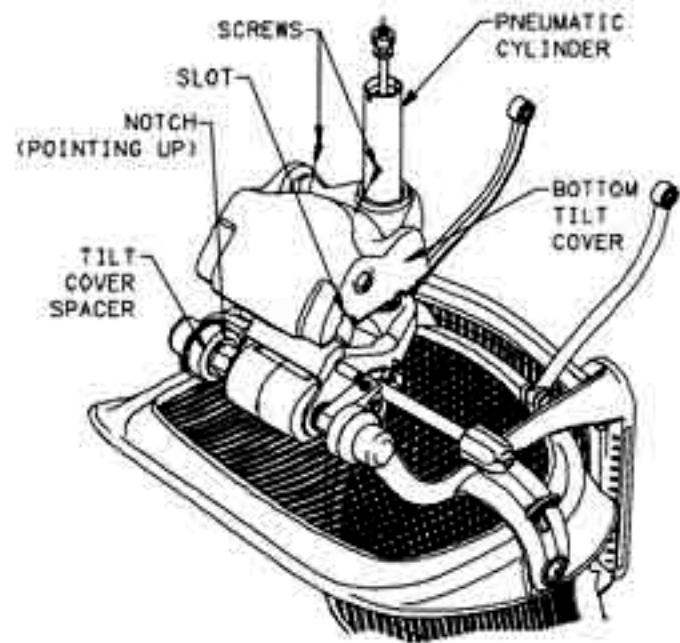


FIGURE 6