

Base Actuator Replacement [002-0862-0x]

Applies to kits:
 Base Actuator Kit (complete)
 Base Actuator Kit (w/o motor)

Special Tools:
 Bungee cord
 Retaining ring wrench (provided)
 Stop bolt (provided)

Caution
 Always disconnect power to chair before removing covers or performing any service procedure.

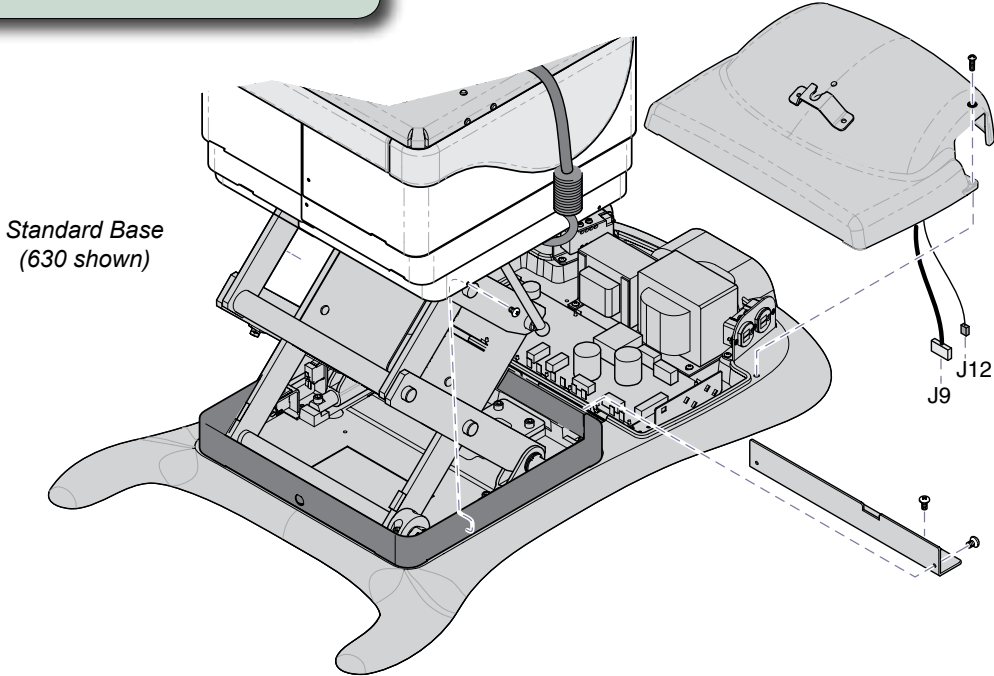
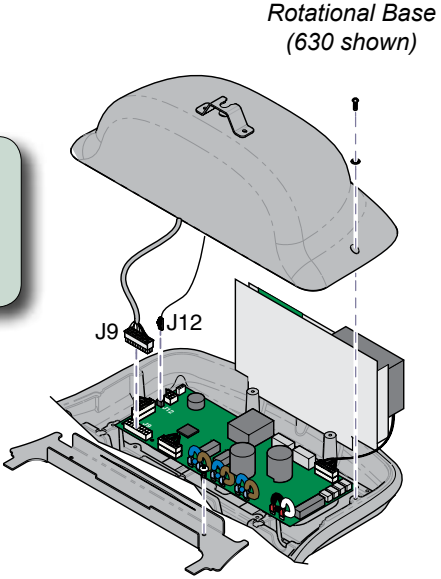
Step 1: Raise base shrouds.

- A) Remove bottom screws from inner shrouds.
- B) Stretch bungee cord (under seat) across top of base column*.
- C) Lift shrouds, then attach bungee cord hooks under shrouds on both sides.

**Note: It may be necessary to run the Tilt Up function to route bungee cord under seat section.*

Step 2: Remove PC board cover.

- A) Remove two screws, then **partially** separate cover.
- B) Disconnect PC board cover wiring from PC board.
 [230 / 630: J9 & J12] [647: J12]



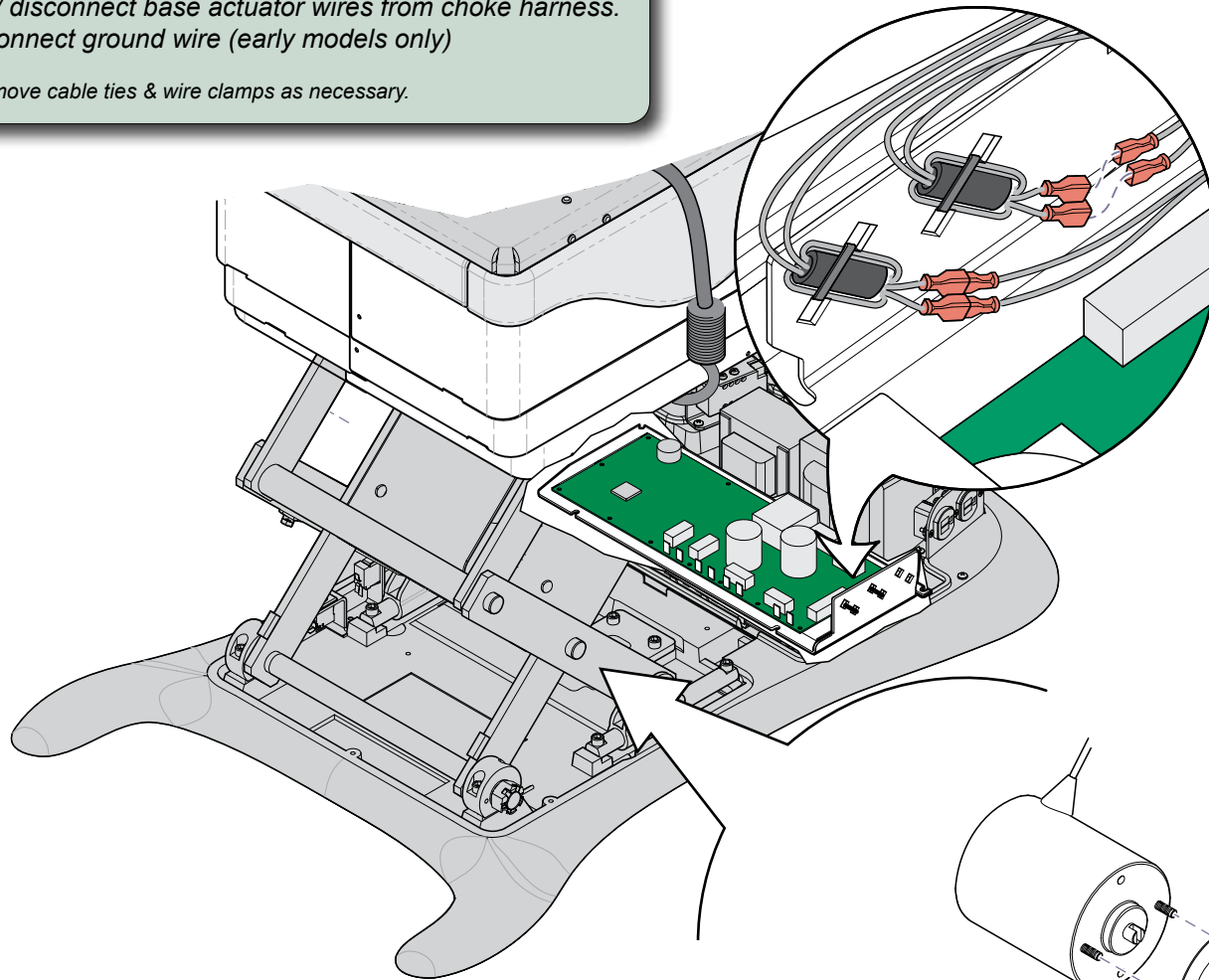
Step 3: Remove wire harness cover.

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Step 4: Disconnect wiring.

- A) Raise base as high as possible.
- B) Tag / disconnect base actuator wires from choke harness.
- C) Disconnect ground wire (early models only)

Note: Remove cable ties & wire clamps as necessary.

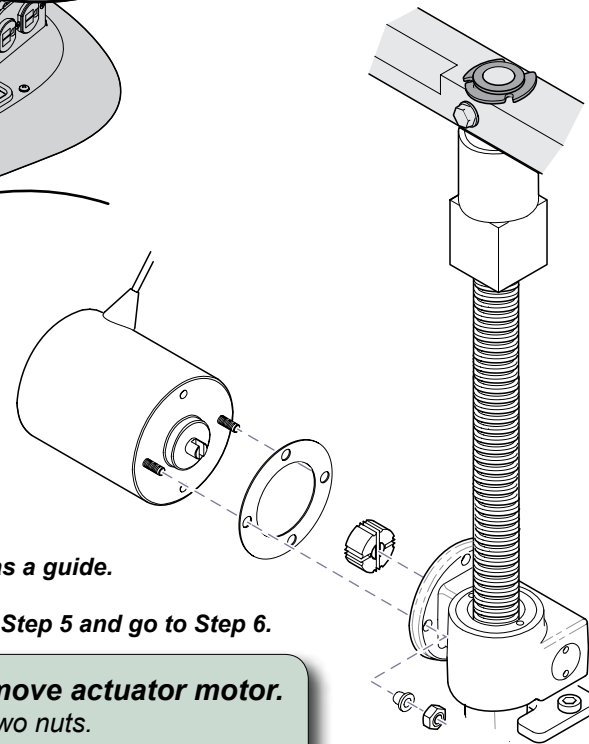


If replacing only the motor / coupler, perform Step 5, then reassemble components & covers using the illustrations as a guide.

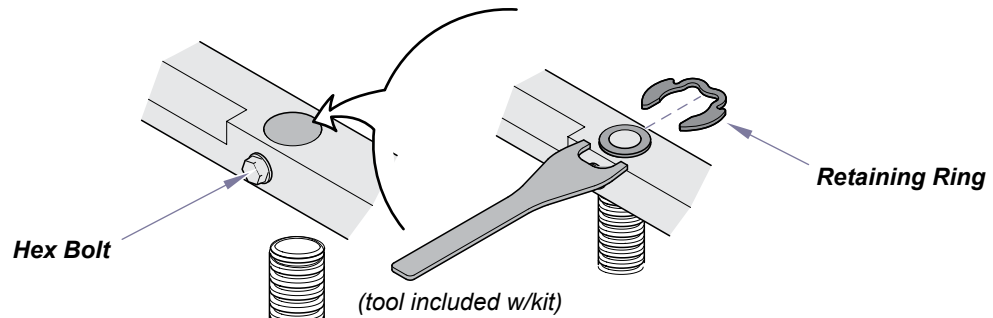
If replacing the complete actuator or ball screw assembly, skip Step 5 and go to Step 6.

Step 5: Remove actuator motor.

- A) Remove two nuts.
- B) Remove motor, gasket, & coupler.



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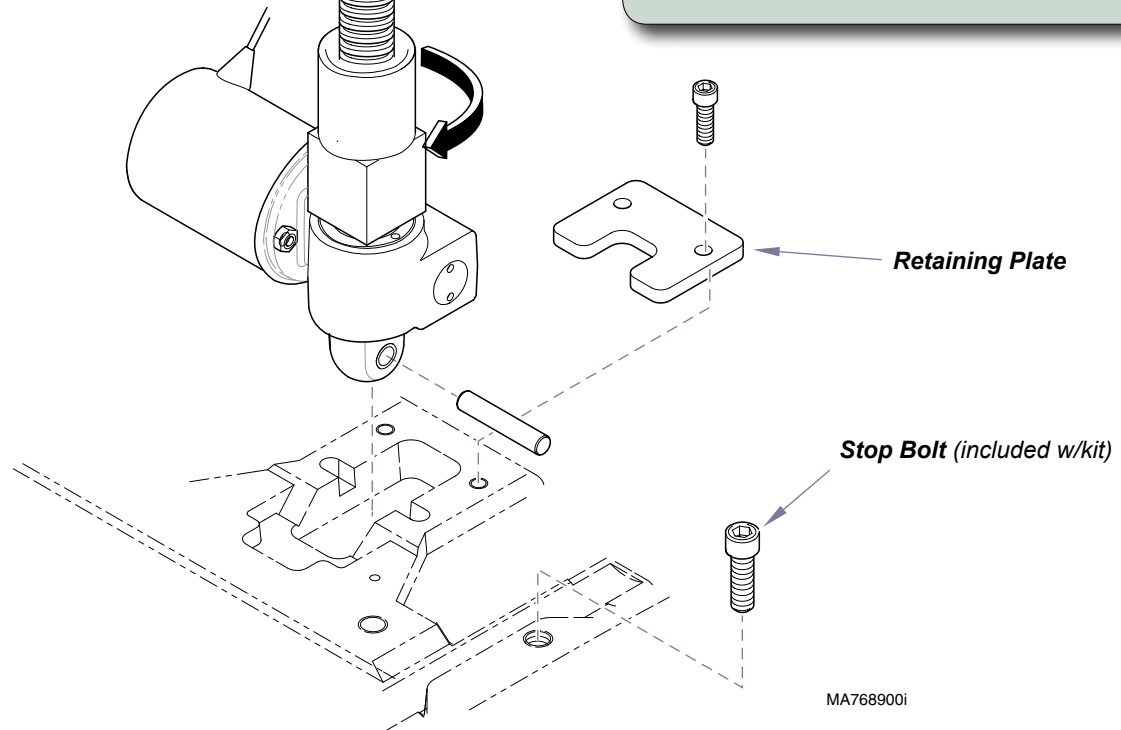
WARNING

The gas springs may support the full weight of the chair, but the stop bolt is still required to ensure safety.

Step 6: Install stop bolt.

Step 7: Remove base actuator.

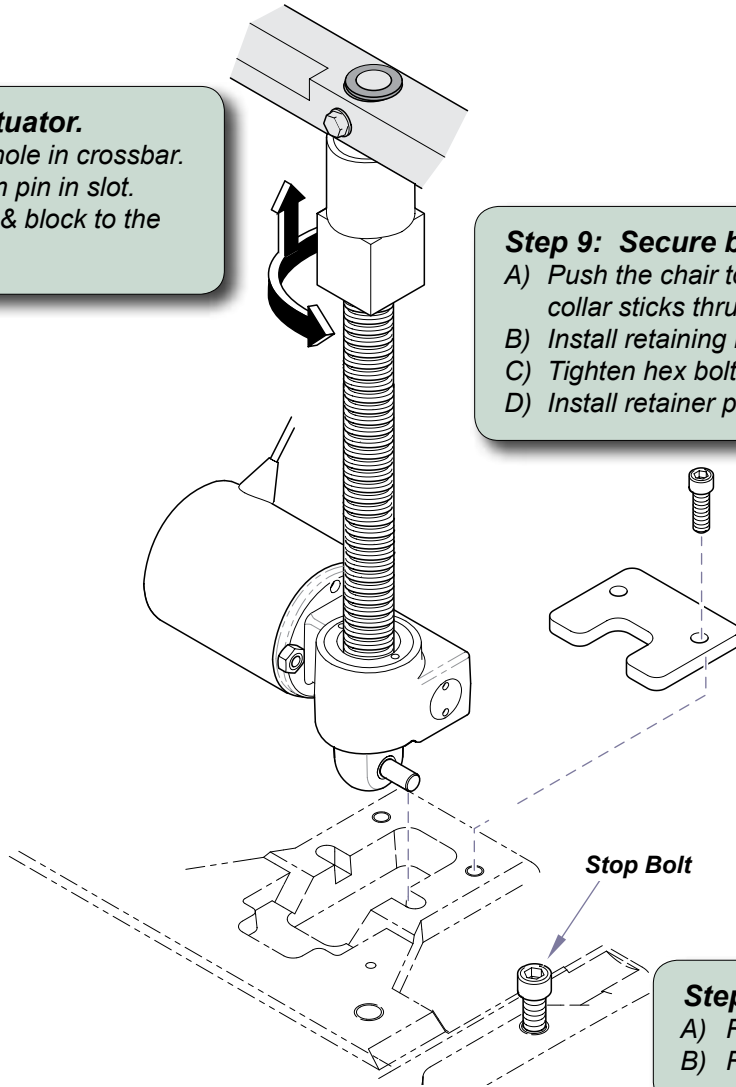
- A) Remove retaining ring (tool provided).
- B) Loosen hex bolt.
- C) Manually rotate the collar & block to the bottom of the actuator shaft.
- D) Remove retaining plate & actuator.



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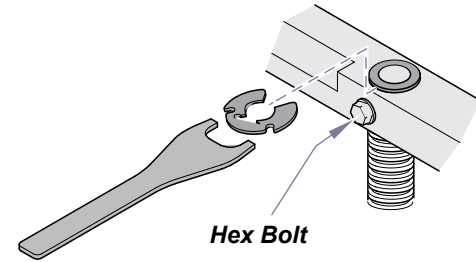
Step 8: Position base actuator.

- A) Insert actuator shaft thru hole in crossbar.
- B) Position actuator w/bottom pin in slot.
- C) Manually rotate the collar & block to the top of the actuator shaft.



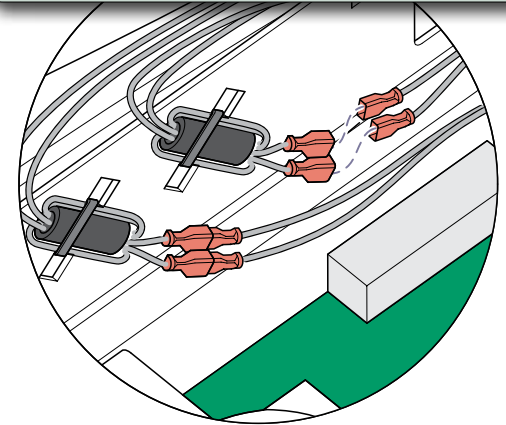
Step 9: Secure base actuator.

- A) Push the chair top down until collar sticks thru crossbar.
- B) Install retaining ring.
- C) Tighten hex bolt.
- D) Install retainer plate



Step 10: Connect wiring.

- A) Connect actuator wires to choke harness.
- B) Connect ground wire (early models only).



Step 11: Remove stop bolt.

- A) Raise chair.
- B) Remove stop bolt.