

Base Actuator Replacement [002-0862-0x]



Caution

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

Applies to kits:

Base Actuator Kit (complete)
Base Actuator Kit (w/o motor)

Special Tools:

Bungee cord
Retaining ring wrench (provided)
Stop bolt (provided)

Step 1: Raise base shrouds.

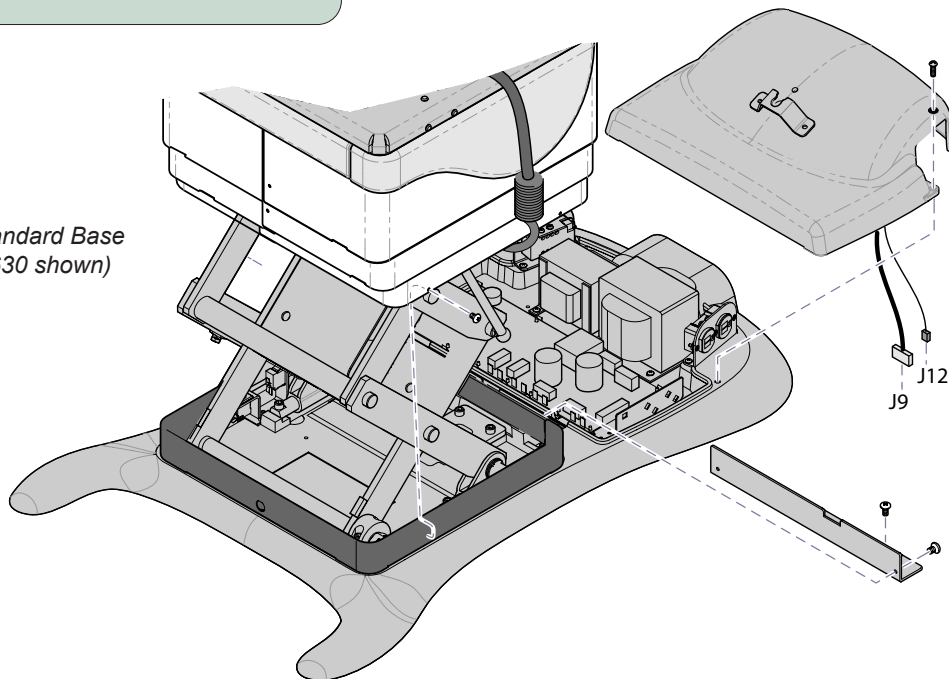
- Remove bottom screws from inner shrouds.
- Stretch bungee cord (under seat) across top of base column*.
- Lift shrouds, then attach bungee cord hooks under shrouds on both sides.

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

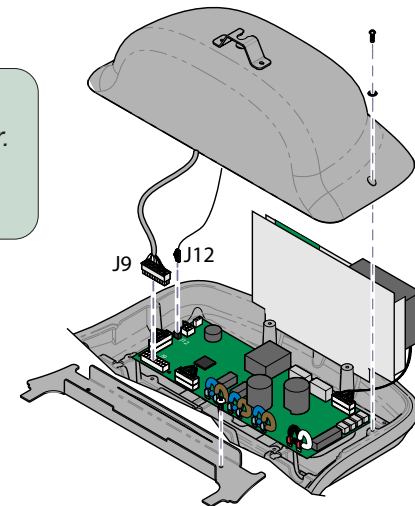
Step 2: Remove PC board cover.

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

Standard Base
(630 shown)



Rotational Base
(630 shown)



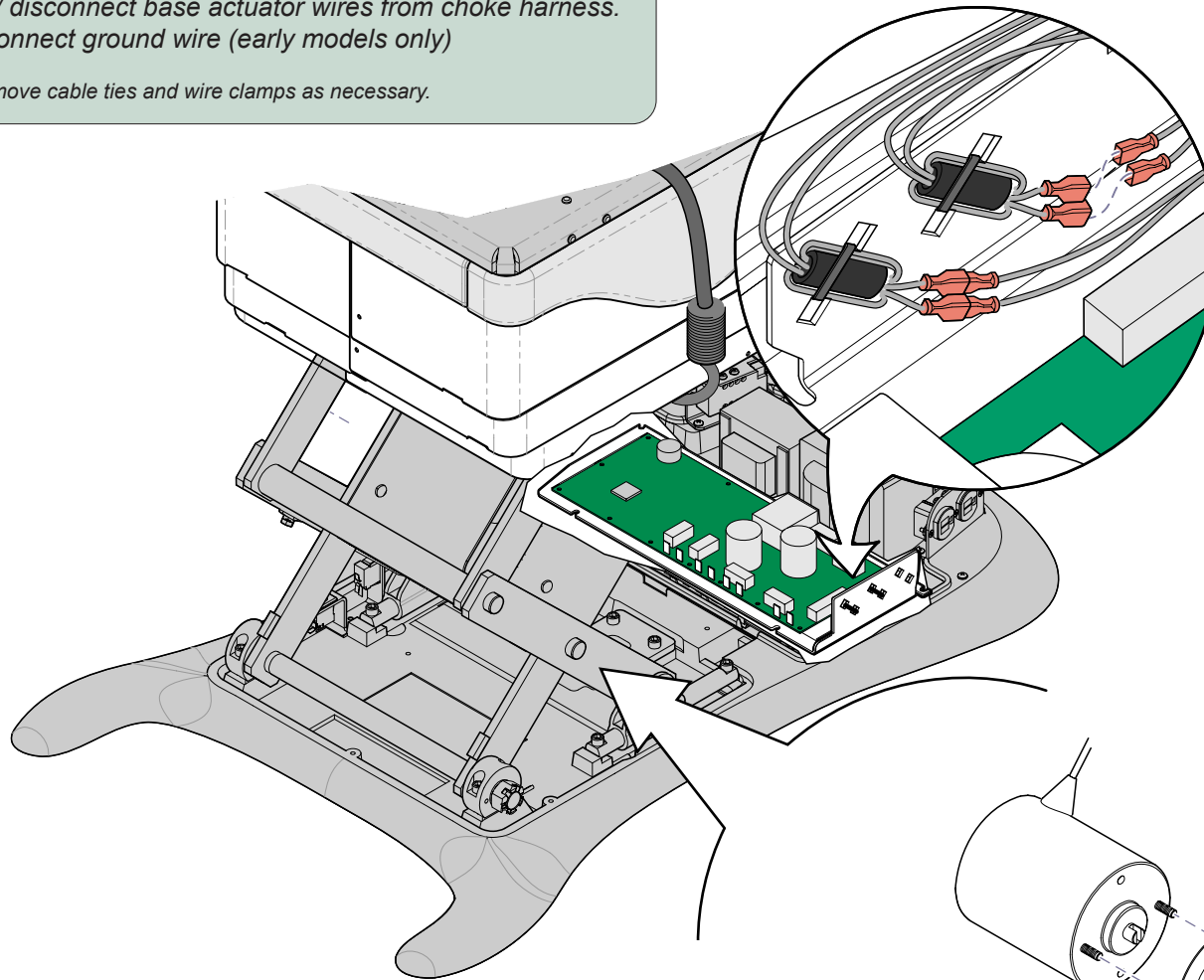
Step 3: Remove wire harness cover.

MA768600i

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 and wire clamps as necessary.

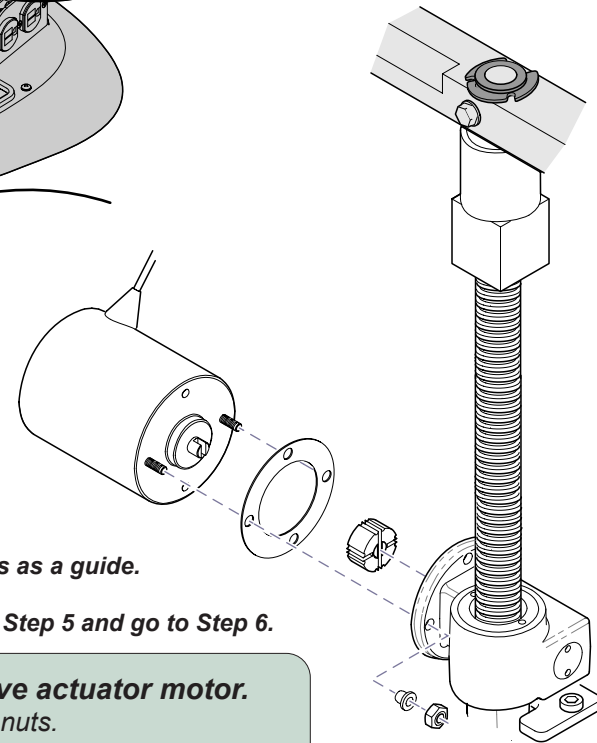


If replacing only the motor / coupler, perform Step 5, then reassemble components and covers using the illustrations as a guide.

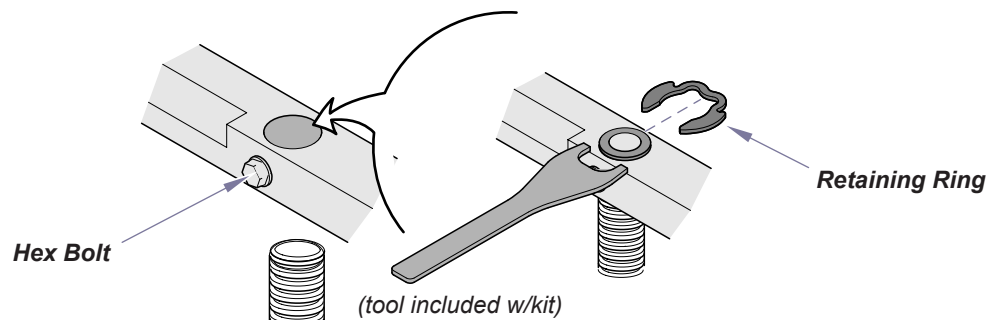
If replacing the complete actuator or ball screw assembly, skip Step 5 and go to Step 6.

Step 5: Remove actuator motor.

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



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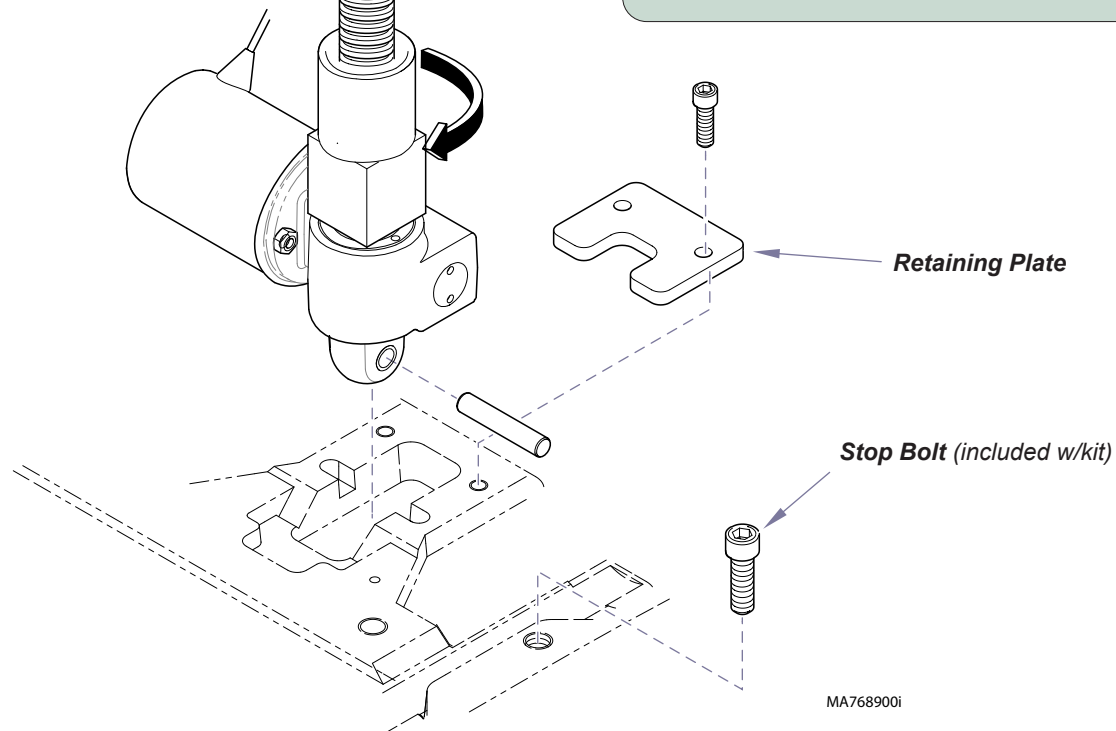
WARNING

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.

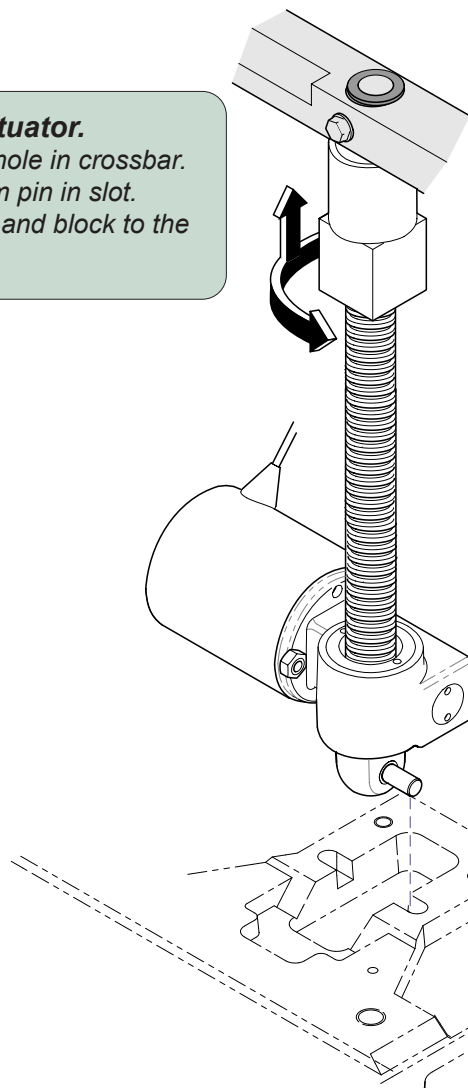
Step 7: Remove base actuator.

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



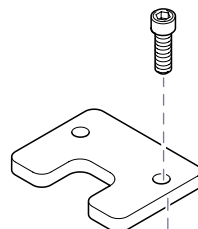
Step 8: Position base actuator.

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



Step 9: Secure base actuator.

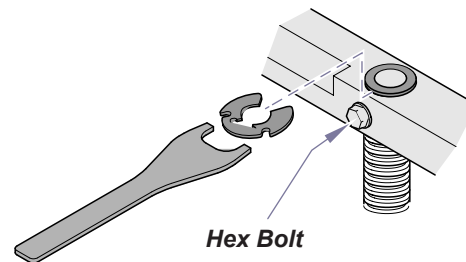
- A) Push the chair top down until collar sticks thru crossbar.
- B) Install retaining ring.
- C) Tighten hex bolt.
- D) Install retainer plate



Stop Bolt

Step 11: Remove stop bolt.

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



Hex Bolt

Step 10: Connect wiring.

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

