

Elevance® Chair Back Retraction Spring Kit Installation [002-10498-00]

Applies to Models:
153810 Gen 1 & Gen 3

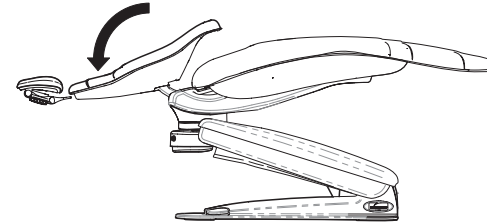
Special Tools:
Torque wrench

Note

Torque wrench should be capable of 33 ft-lbs (44.7 Nm).

Step 1: Position chair.

- A) Move the chair back to **FULL DOWN** position.
- B) Raise / lower the chair to a comfortable working height.

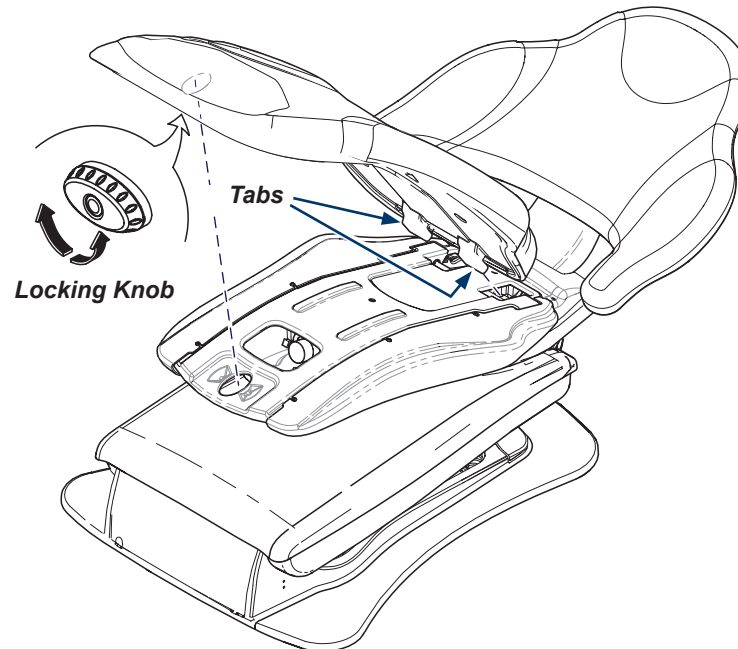


WARNING

Always disconnect the power source before removing any covers. Failure to do so may result in personal injury.

Step 2: Remove seat upholstery.

- A) Disconnect power source.
- B) Rotate seat Locking Knob.
- C) Lift seat upholstery, then pull to release Tabs from frame.

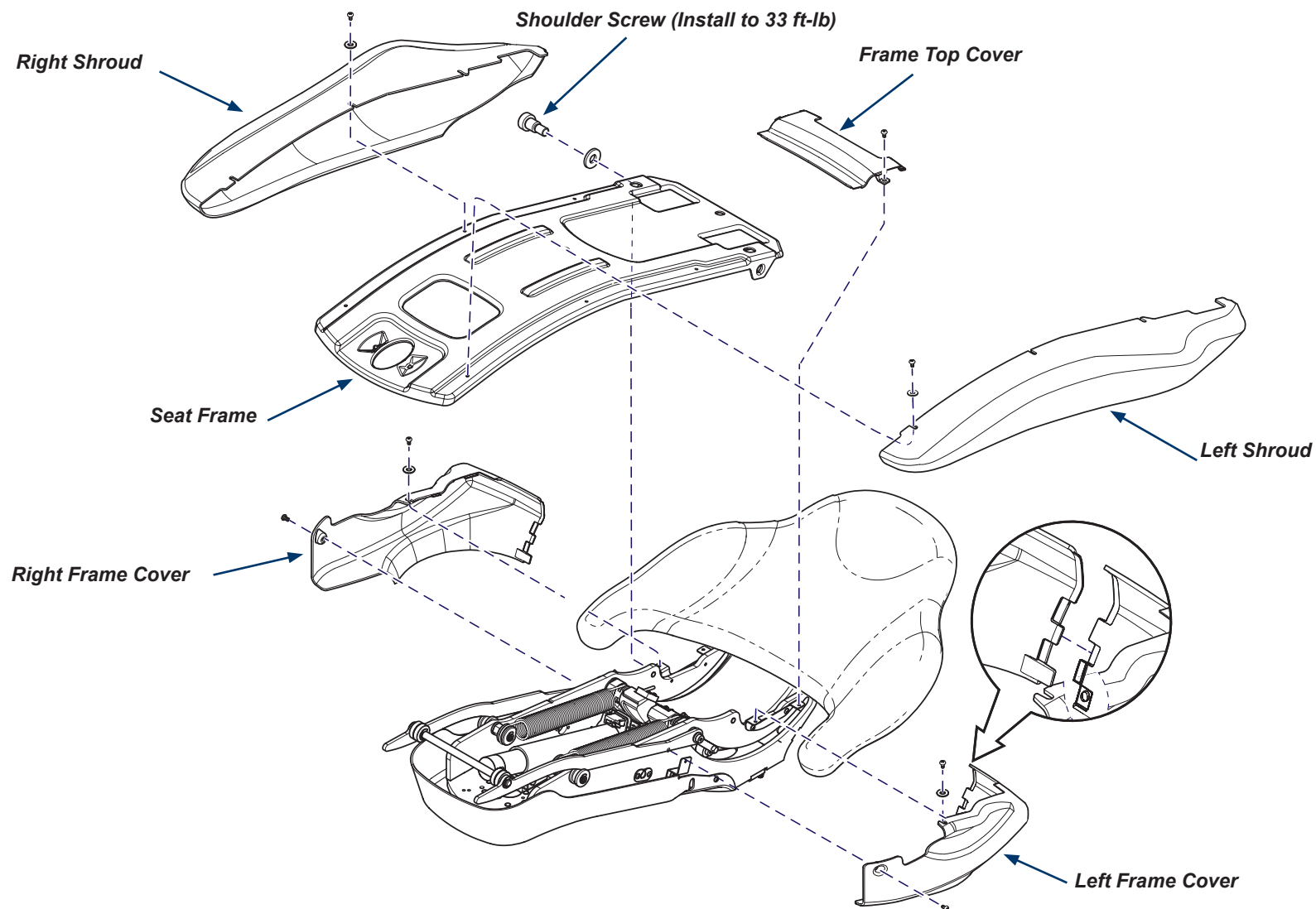


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Note: Retain all shrouds, frame and mounting hardware for re-use.
Note: Shoulder Screws need torqued down 33 ft-lb when reinstalling seat frame.

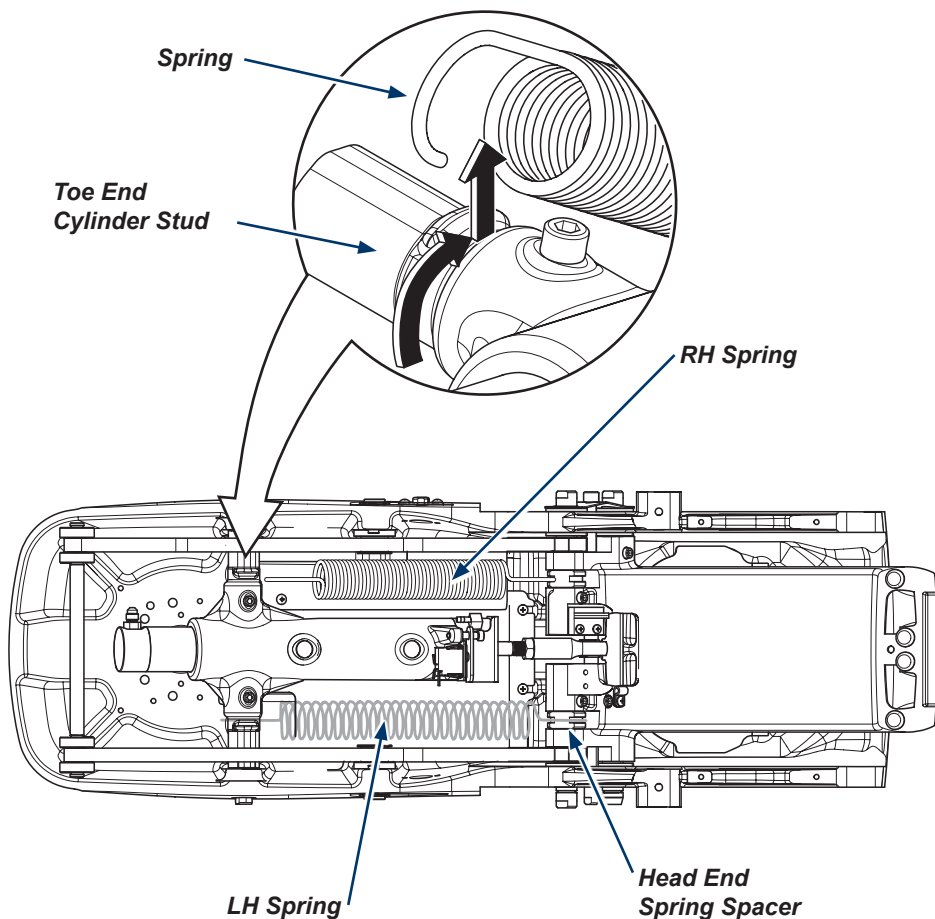
Step 3: Remove covers, shrouds and frame.

- A) Remove Left and Right Seat Shrouds (three screws each).
- B) Remove Left and Right Frame Covers (two screws each).
- C) Remove Frame Top Cover (two screws).
- D) Remove Seat Frame (two shoulder bolts).



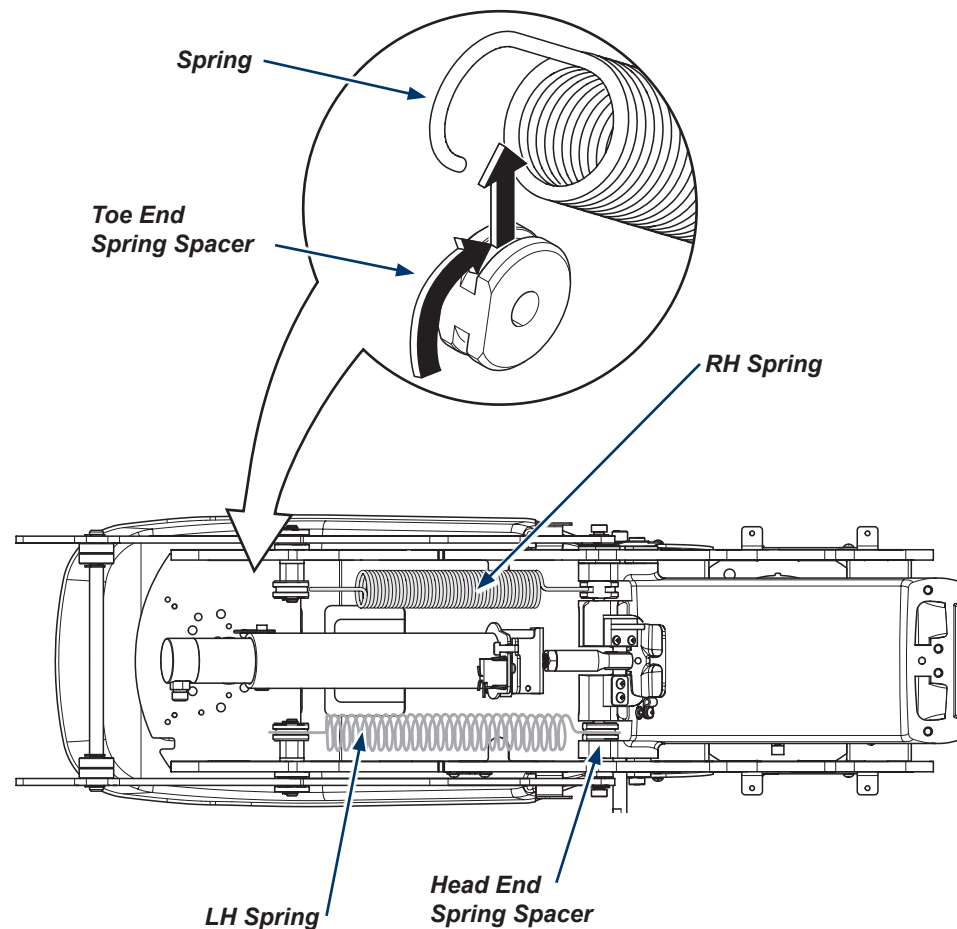
Step 4 A: Unhook Springs. (GEN 1)

- A) Stretch and flex Spring to unhook from Toe End Cylinder Stud.
- B) Rotate and flex Spring to remove from Head End Spring Spacer. Repeat for opposite Spring.



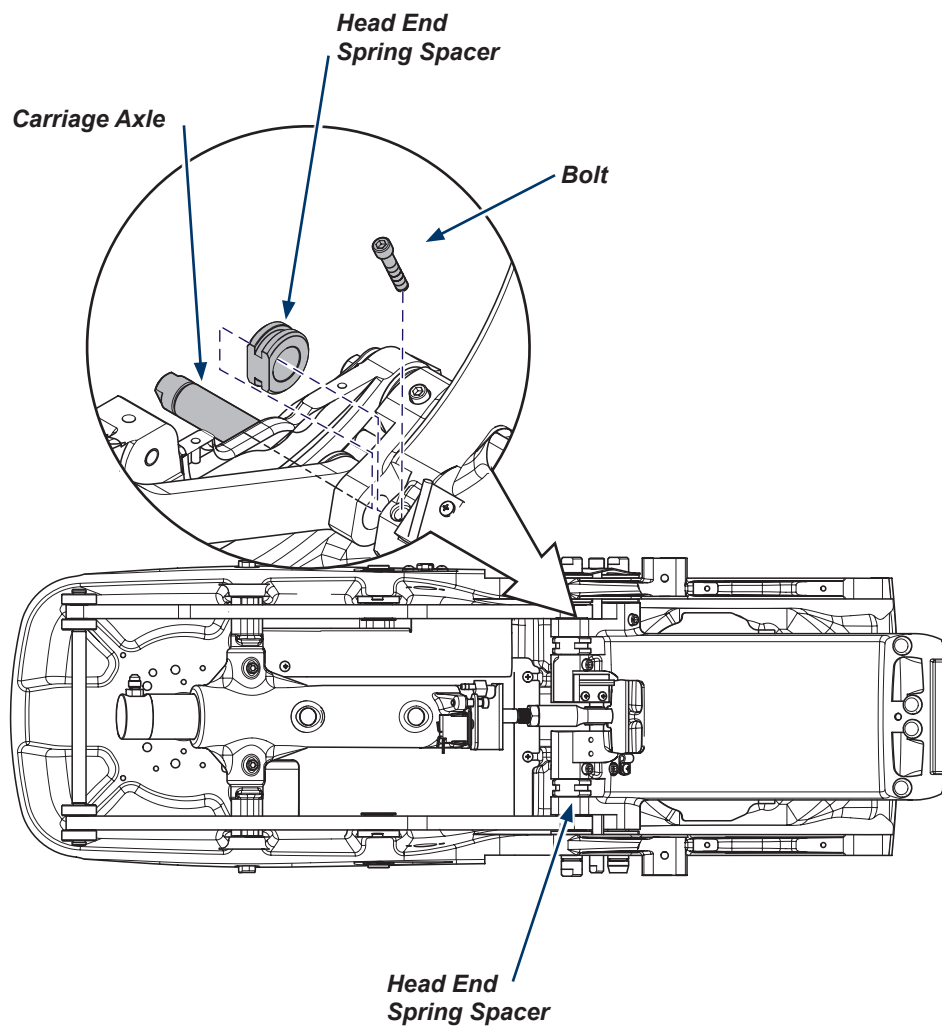
Step 4 B: Unhook Springs. (GEN 3)

- A) Rotate Toe End Spring Spacer so flat is facing toe end. Stretch and flex Spring to unhook from Toe End Spring Spacer.
- B) Rotate and flex Spring to remove from Head End Spring Spacer. Repeat for opposite Spring.



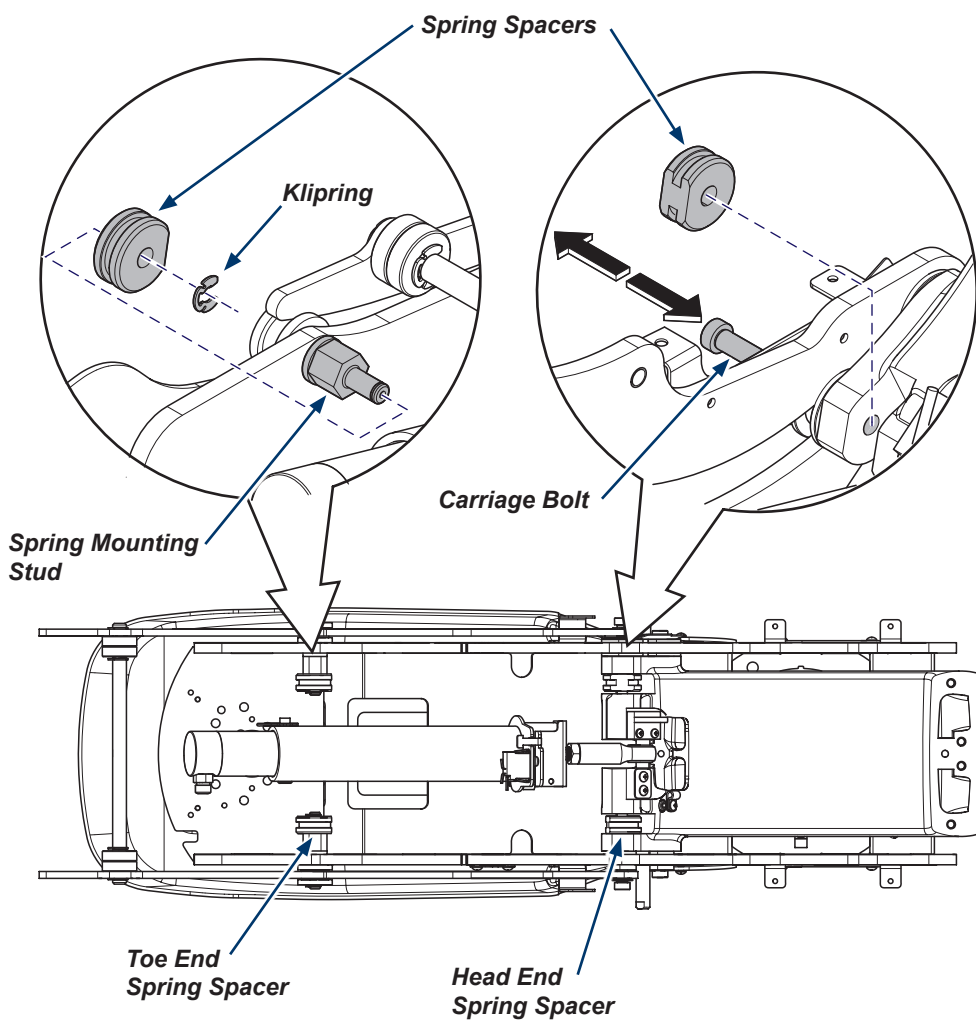
Step 5 A: Replace Spring Spacers. (GEN 1)

- A) Remove Bolt.
- B) Pull Carriage Axle out just far enough to remove Head End Spring Spacer.
- C) Install new Spring Spacer. Reinsert Carriage Axle and secure with Bolt.
- D) Reinstall Springs by reversing previous step.



Step 5 B: Replace Spring Spacers. (GEN 3)

- A) Remove Klipping from Spring Mounting Stud and remove Toe End Spring Spacer.
- B) Install new Toe End Spring Spacer onto Spring Mounting Stud and secure with Klipping. Repeat steps for opposite side.
- C) Remove Carriage Bolt just far enough to remove Head End Spring Spacer.
- D) Install new Spring Spacer. Reinsert Carriage Bolt and secure.
- E) Reinstall Springs by reversing previous step.



Step 6: Install covers, shrouds, frame and Test.

- A) Install Seat Frame (two shoulder bolts).
- B) Install Frame Top Cover (two screws).
- C) Install Left and Right Frame Covers (two screws each).
- D) Install Left and Right Seat Shrouds (three screws each).
- E) Connect chair to power source.
- F) Ensure power is restored for hydraulic functions.
- G) Verify operation.

Note: Shoulder Screws need torqued down 33 ft-lb when reinstalling seat frame.

