

BendPak Technical Service Bulletin

10AP Service Lift – Compression Springs Replacement

BendPak TSB 179 - 082025

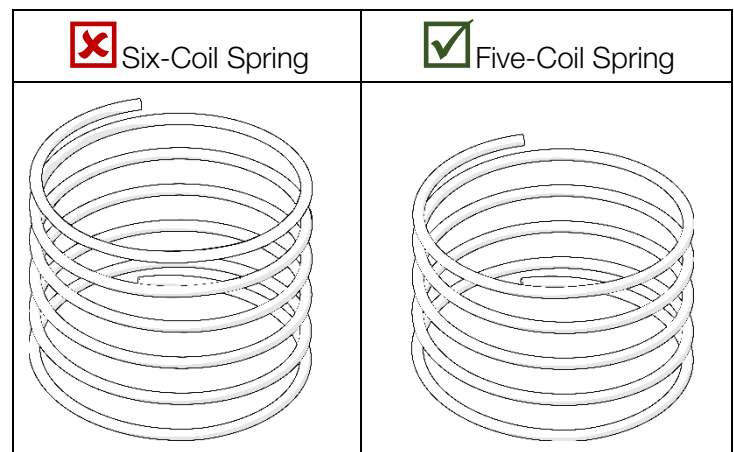
This Technical Service Bulletin describes the replacement of the compression springs found on all four Lift Arms of 10AP Series Lifts. These compression springs push down on the Internal Full Circle Gear to engage the Lift Arm Restraint Gear. The replacement springs (5540044) are formed of only five active coils while the existing springs have six active coils. Two procedures are addressed.

Procedure A addresses removing and replacing the springs prior to assembling the Lift.

Procedure B addresses removing and replacing the springs on an already assembled Lift.

A. If the Lift is not yet assembled:

1. Locate the six-coil compression springs located on top of the Full Circle Stop Gear on each lift arm. These springs are delivered with the Lift.
2. Retrieve the five-coil springs included with this TSB.
3. Remove and replace the six-coil springs with the five-coil springs (5540044).
4. Continue with the Lift assembly.



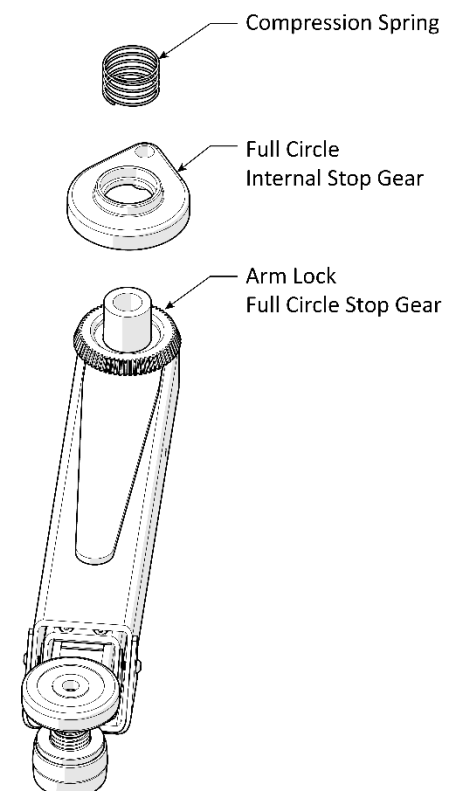
B. If the Lift is already assembled, remove and replace the six-coil springs:

WARNING

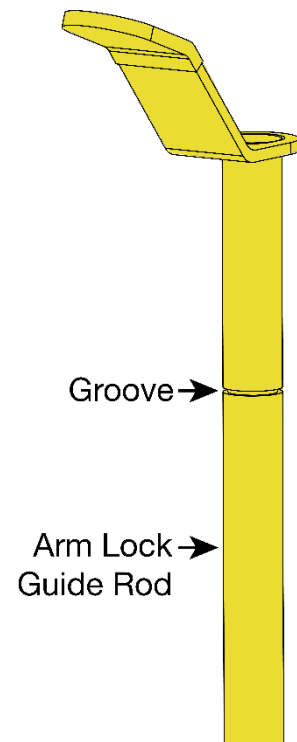
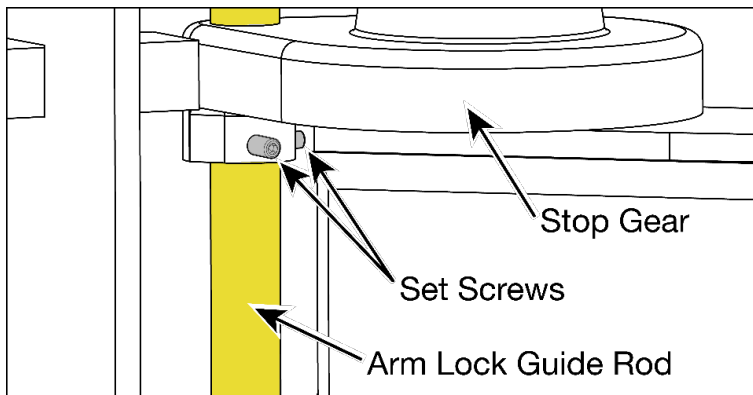
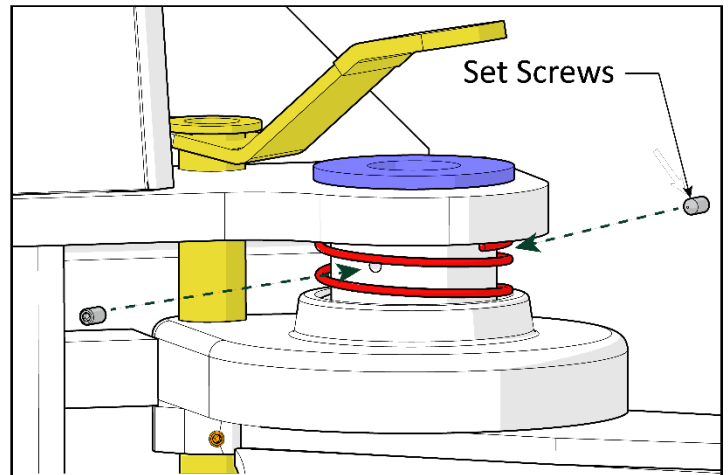
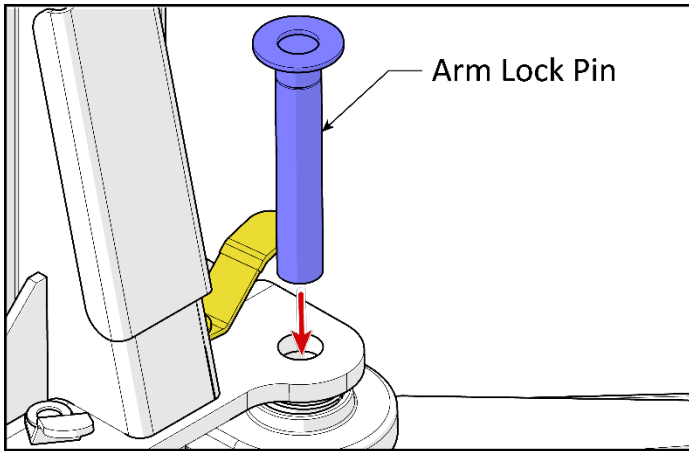
Work with an assistant. The lift arms are heavy, and the weight is unevenly distributed. Dropping the lift arm could cause personal injury and damage the lift or its components.

1. Put the Lift in a safe condition.
 - a. Secure the lift heads on the first safety lock.
 - b. Remove and lockout power from the Lift to prevent unintended operation while performing this procedure.
2. Locate the six-coil compression springs found on top of the Full Circle Gear Stop. Refer to the figures on the following pages.

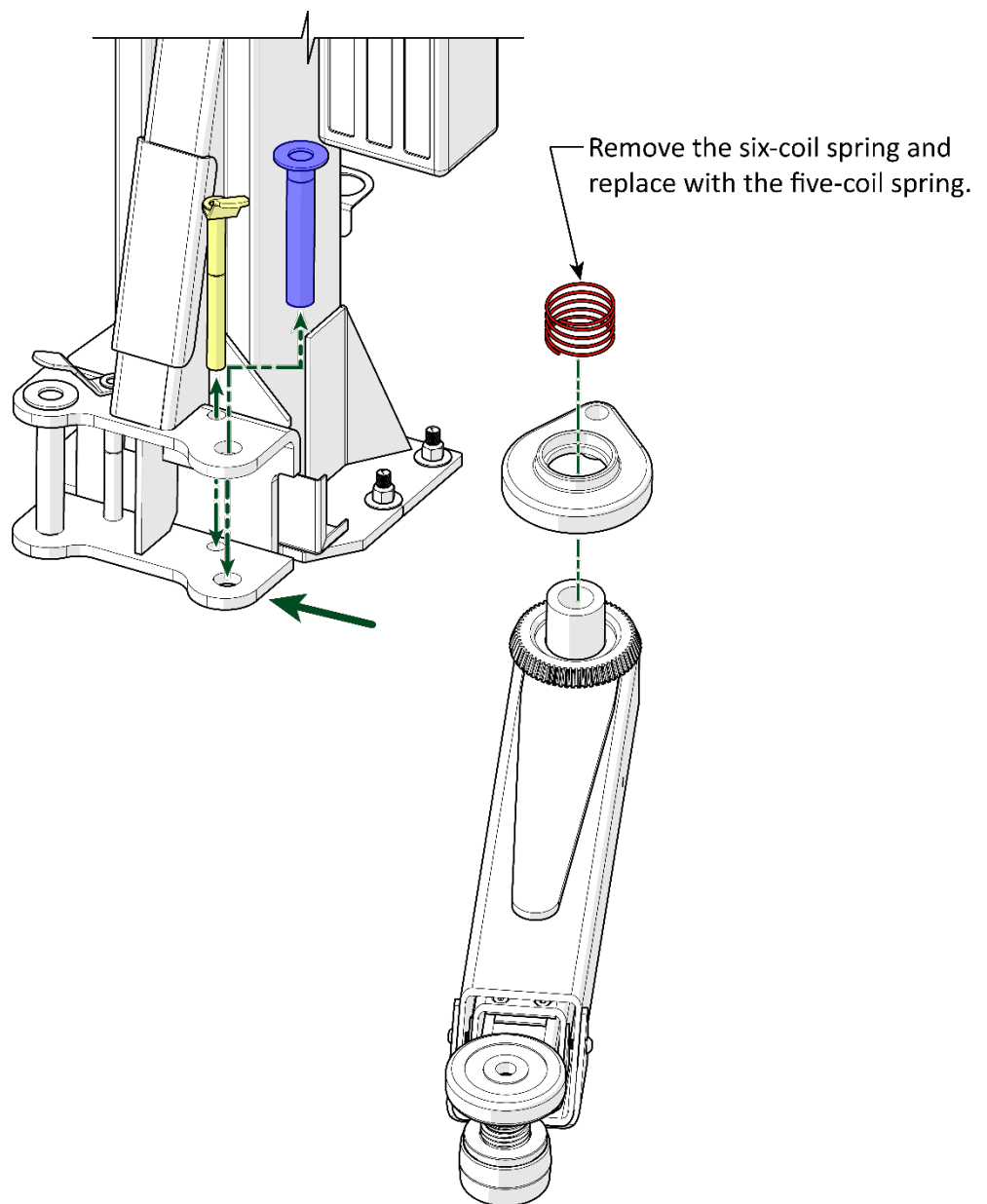
Avoid losing parts. Replace the springs on one lift arm at a time.



3. Loosen the set screws that retain the arm lock pin and guide rod.
4. Remove the arm lock pin and guide rod while an assistant supports the lift arm.
5. Remove the lift arm from the Lift and move it to a work bench.



6. Remove the six-coil spring and replace it with one of the five-coil springs included with this TSB.
7. Compress the five-coil spring and return the lift arm with the spring to the lift head.
8. Secure the lift arm with the guide rod and lock pin
9. Secure the guide rod and lock pin by tightening the set screws. The screws should seat in the groove cut into the guide rod and lock pin.
10. After replacing the springs, test to verify the arm lock engages the stop gear on all four lift arms by rocking the arms back and forth.
11. Repeat the procedure on the remaining lift arms and discard the six-coil springs.
12. Return power to the Lift and resume normal operation.



If you experience difficulties with your 10AP lift, technical support and service is available from your dealer, on the Web at bendpak.com/support, by email at support@bendpak.com, or by phone at **(800) 253-2363**, follow the prompts to reach service. Online chat is also available at www.bendpak.com