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SERVICE INSTRUCTIONS

8003050

FlexLock™ Knee Support Spring Replacement

PURPOSE

Replace damaged springs on the shim of the FlexLock Knee Support.

ESTIMATED TIME TO COMPLETE

20–40 minutes hands-on.

KIT CONTENTS

Part Number	Quantity	Part Name
3001064	4	SHCS M8 x 1.25 x 20 mm 50% GF Nylon, Black
3002238	2	Spring, 1.25"L x 0.965"D, Plastic
3002240	4	Binding Post, 0.24" Dia. x 0.5" Long, Black PE

REQUIRED TOOLS

- 6 mm Hex Key
- 2 Straight Blade Screwdriver

WARNING STATEMENTS

! WARNING ! NO MODIFICATION OF THIS EQUIPMENT IS ALLOWED. IF ANY PART OF THIS DEVICE EXPERIENCES A CATASTROPHIC LOAD, APPEARS DAMAGED OR FUNCTIONS IMPROPERLY, DISCONTINUE USE IMMEDIATELY AND CONTACT QFIX AT +1 484-720-6054 OR TECHSUPPORT@QFIX.COM.

DIRECTIONS

This component replacement may be performed by one (1) service personnel using the Kit Contents and the Required Tools.

1. Remove shell from shim. (Fig. 1)
2. Using a 6 mm hex key, remove the 2 M8 screws from the cartridge and discard. (Fig. 2)



Fig. 1



Fig. 2

3. Flip the shim over and remove the other 2 M8 screws from the other side of the cartridge and discard. (Fig. 3)
4. Remove the cartridge from the shim. (Fig. 4)



Fig. 3



Fig. 4

- Using the 2 flat blade screw drivers, remove the 4 binding posts that hold the locking bar to the shim and discard. (Fig 5)
- Remove the locking bar from the shim. (Fig.6)

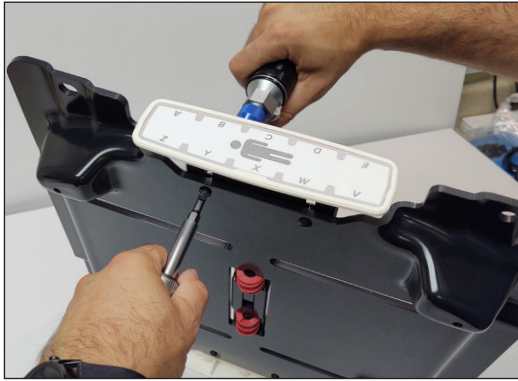


Fig. 5



Fig. 6

- Slide the springs to the center of the slot on the shim and then compress the springs to remove. (Fig.7)
- Compress and install the 2 new springs into the slot on the shim. (Fig. 8)

! NOTE ! It is recommended to replace both springs at this time.

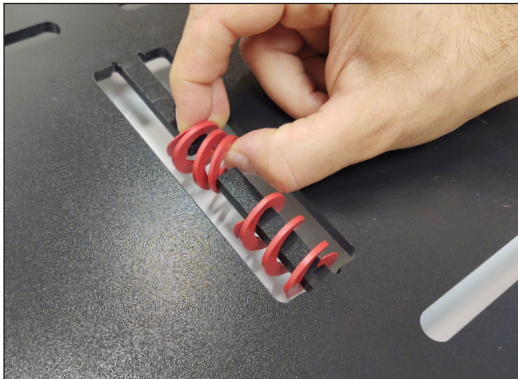


Fig. 7



Fig. 8

9. Replace the locking bar onto the shim. The spring may need to be compressed to allow the locking bar to seat properly. (Fig. 9)
10. Use the 2 flat blade screwdrivers to install the 4 new binding posts to fasten the locking bar to the shim. (Fig. 10)



Fig. 9

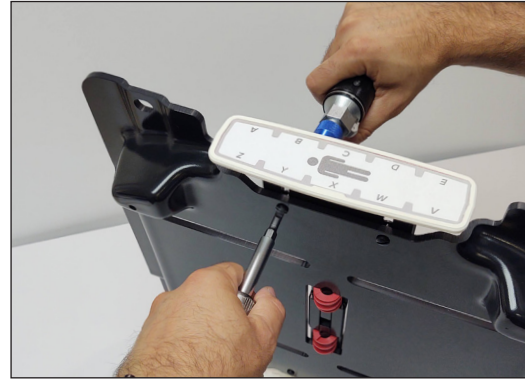


Fig. 10

11. Test to ensure the locking bar slides smoothly and freely.
12. Realign the cartridge halves and then install and tighten 2 of the new M8 Screws. (Fig. 11) Flip shim over.
13. Install and tighten the remaining 2 new M8 screws into the cartridge. (Fig. 12)
14. Replace shell on shim. (Fig. 13)



Fig. 11



Fig. 12



Fig. 13



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