

# Swing Arm Pin Fastener Replacement

FOR V2 MAX™ PRO, REHAB & SPX® MAX REFORMERS



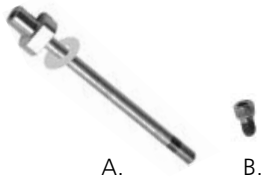
Please review this important **replacement information** for the Swing Arm Pin Fastener on your Merrithew™ SPX Max or V2 Max Reformer.

# Replacement Instructions

## Swing Arm Pin Fastener Replacement Kit

### New Hardware Included:

- A. SPX Max Swing Arm Pin Fastener, QTY-2  
**or** V2 Max Pro-Rehab  
 Swing Arm Pin Fastener, QTY-2  
*Each Swing Arm Pin Fastener comes with a pre-set Plastic Shim and is marked with a blue tip*
- B. Socket Head Bolt, 5/16" x 1/2", QTY-2



### REQUIRED TOOLS

#### INCLUDED

- 1/4" HEX KEY  
 3/16" HEX KEY  
 5/16" HEX KEY  
 3/4" SPX MAX OR V2 MAX PRO-REHAB  
 OPEN ENDED WRENCH  
 9/16" SOCKET WITH HANDLE  
 PUSH TOOL

#### NOT INCLUDED:

- RUBBER Mallet OR HAMMER

### Existing Hardware to Retain:

- C. Hex Lock Nut 3/8", QTY-2  
 D. Metal Flat Washer 3/8", QTY-8  
 E. Nylon Washer 1", QTY-2  
 F. Metal Flat Washer 5/16", QTY-2  
 G. Socket Head Bolt, 5/16" x 1", QTY-2  
 H. Socket Head Bolt, 3/16" x 1", QTY-4

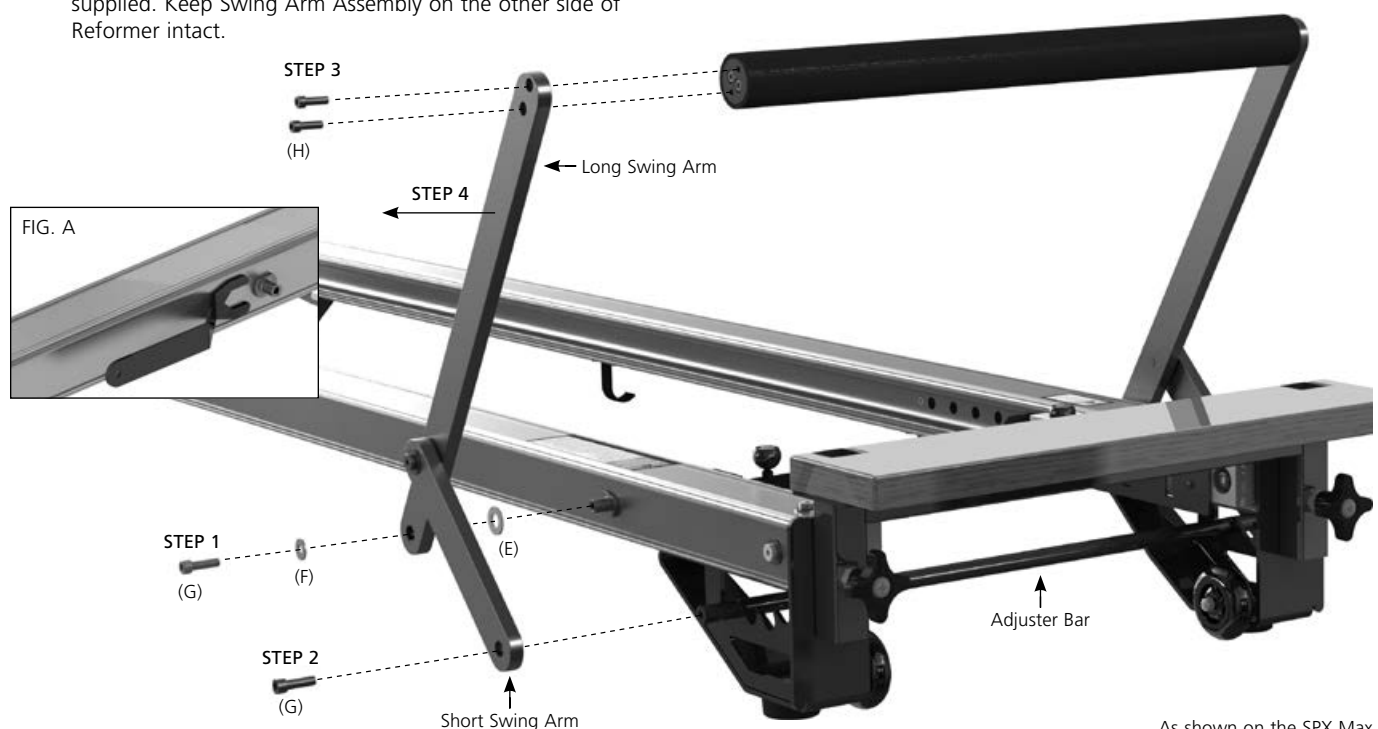


### IMPORTANT! PLEASE READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING ASSEMBLY.

- Place all parts from the box in a cleared area and position them on the floor in front of you.
- Remove all packing material from your area and place them back into the box.
- Do not dispose of the packing materials until assembly is completed.
- To prevent unsafe or improper use, please read each step carefully before beginning.
- **It is recommended you replace one side at a time.**
- Do not tighten hardware until both sides have been replaced. Keep all parts until the replacement is complete.

## To Disassemble

1. To prepare, remove the Gearbar and place the Footbar Assembly in the highest position. In a counter-clockwise direction, remove the Socket Head Bolt (G) and Washer (F) from the Swing Arm Pin Fastener with the 1/4" Hex Key. To prevent it from spinning, secure the flat ends of the Swing Arm Pin Fastener with the 3/4" Open Ended Wrench as shown in [FIG A]. Set aside Washer (F) to be reattached later. Socket Head Bolt (G) to be replaced with new Socket Head Bolt (B) supplied. Keep Swing Arm Assembly on the other side of Reformer intact.
2. Remove the Socket Head Bolt (G) from the Adjuster Bar using the 1/4" Hex Key. Set Bolt aside to reattach later.
3. While holding on to the Long Arm of the Swing Arm Assembly, remove the Socket Head Bolts (H) from the Footbar using the 3/16" Hex Key. Set aside Bolts to reattach later.
4. Gently remove the full Swing Arm Assembly and set aside to reattach later.



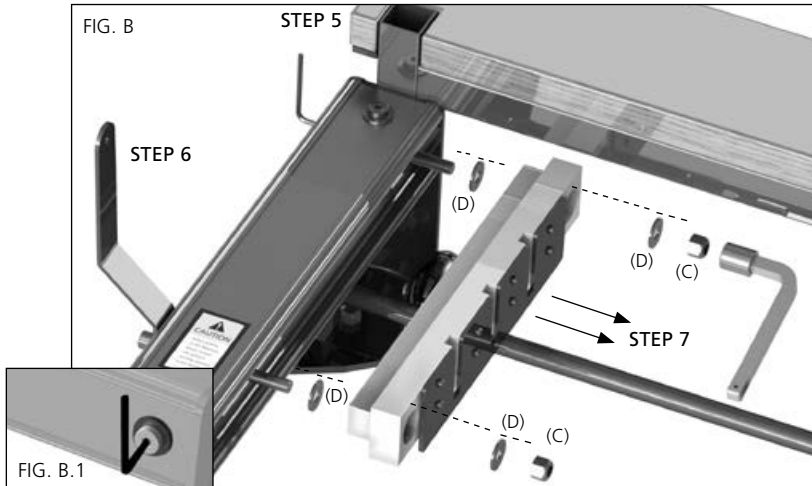
As shown on the SPX Max

- Remove the Hex Lock Nut (C) and Washer (D) housed within the Wooden Gearbar Block on the inside rail, closest to the front end of the Reformer first, using the supplied 9/16" Socket with Handle as per [FIG B]. To prevent the Flat Head Hex Bolt from spinning, test the 3/16" Hex Key and the 5/16" Hex Key in the Flat Head Bolt as shown in FIG. B.1, select the one that is most snug and insert the Hex Key into the Bolt as shown in [FIG B-STEP 5].
- Remove the Hex Lock Nut (C) and Washer (D) housed within the Wooden Gearbar Block, using the supplied 9/16" Socket with Handle as per [FIG B]. To prevent Swing Arm Pin Fastener from spinning, secure the flat ends with the 3/4" Open Ended Wrench as shown in [FIG B-STEP 6].

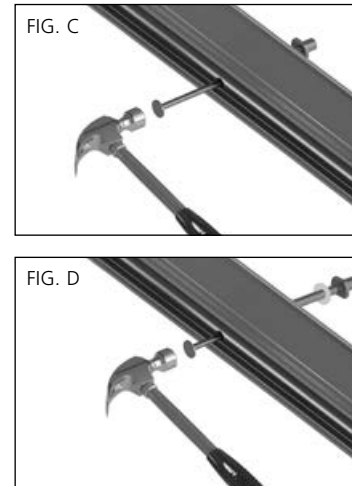
- Gently remove Wooden Gearbar Block from the rail and place it and all hardware to the side.
- To remove the Swing Arm Pin Fastener from the rail, position the Push Tool into the dimple of the threaded end of the Swing Arm Pin Fastener and gently tap against the Push Tool until the Swing Arm Pin Fastener is fully released as per [FIG C & FIG D]. Take care to not hammer against the aluminum rail.

NOTE: Discard the **old** Swing Arm Pin Fastener and Plastic Shim. New Hardware supplied.

#### STEPS 5, 6 & 7



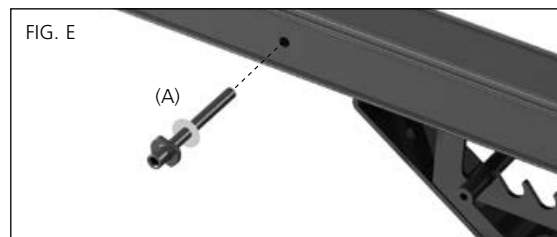
#### STEP 8



## To Reassemble

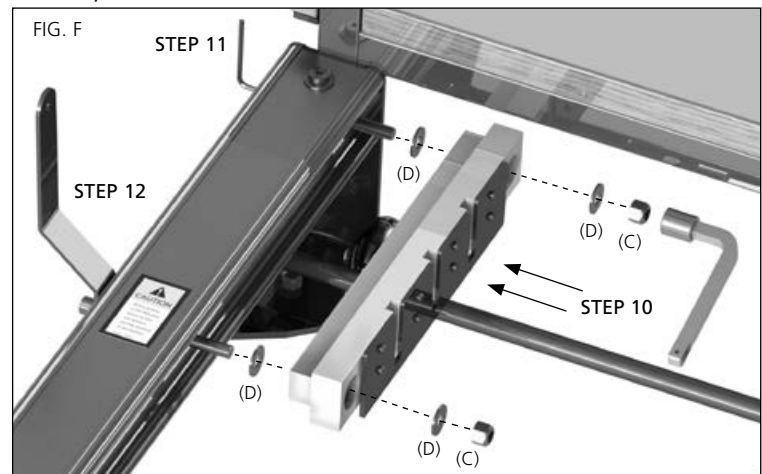
- Insert the **new** Swing Arm Pin Fastener with the pre-set Plastic Shim and blue tip (A) through the rail slowly, as shown in [FIG E].

#### STEP 9



- Place inside Metal Flat Washers (D) on the **new** Swing Arm Pin Fastener and the Flat Head Hex Bolt as per [FIG F]. Slide the Wooden Gearbar Block into the rail on the Swing Arm Pin Fastener and Flat Head Hex Bolt [FIG F].
- Using the supplied 9/16" Socket with Handle, reattach the outside Washer (D) and Hex Lock Nut (C) in the Wooden Gearbar Block on the inside rail, closest to the front end of the Reformer by turning clockwise. To prevent Bolt from spinning, insert the Hex Key used in Step 5 (the one with the best fit) into the Flat Head Hex Bolt as shown in [FIG F].
- Using the supplied 9/16" Socket with Handle, replace the outside Washer (D) and Hex Lock Nut (C) on the Swing Arm Pin Fastener in the Wooden Gearbar Block. To prevent Swing Arm Pin Fastener from spinning, secure the flat ends with the 3/4" Open Ended Wrench as per [FIG F].

#### STEPS 10, 11 & 12



13. Add the Nylon Washer (E) to the Swing Arm Pin Fastener (A) before reattaching the Swing Arm Assembly.
14. Secure the long Swing Arm with the Metal Flat Washer (F) and new Socket Head Bolt (B) supplied using the 1/4" Hex Key.
15. Secure the short Swing Arm to the Chrome Adjuster Bar with the original Socket Head Bolt (G) using 1/4" Hex Key.

16. Reattach the long Swing Arm to the Footbar with original Socket Head Bolts (H) using the 3/16" Hex Key.  
NOTE: Ensure the Chrome Adjuster Bar is resting level in the J-hooks on both sides.
17. Repeat steps 1 to 16 on the other side.
18. Tighten all hardware.



As shown on the SPX Max

## IMPORTANT

Please keep this manual in a safe place.  
If you have questions, issues or are missing parts:  
Do NOT return this unit to your local retailer,  
please contact the manufacturer directly.  
[customer-care@merrithew.com](mailto:customer-care@merrithew.com)  
416.482.4050 | 1.800.910.0001 | 0800.328.5676 UK | ext. 288



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