

DEALER: Keep this manual. The procedures in this manual **MUST** be performed by a qualified technician.

Yes, you can.

84 inch Bed Extension (5143B)

I General

Check all parts for shipping damage. In case of damage, DO NOT use. Contact Carrier/Invacare for further instructions.

To ensure the safe installation of the crossover cable service kit, these instructions must be followed:

I.1 Symbols

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal words.



WARNING

Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Caution indicates a potentially hazardous situation which, if not avoided, may result in property damage or minor injury or both.



Gives useful tips, recommendations and information for efficient, trouble-free use.

I.2 Tools Required:

Two 1/2 inch open end wrenches; one vice grip

I.3 Kit includes the following:

- 7000M465 Extension Weldment L.H., Qty 1; 7000M466 Extension Weldment R.H., Qty 1
- 7000M469 Pull Tube End Assembly (5143/5143IVC), Qty 1
- 553000M699 Link Fabric Extension with Open Hooks Attached, Qty 2
- 53000M701 Instruction Sheet, Qty 1
- 53000M434 Bi-way Locknut, Qty 2
- 54000M6412 5/16-18 x 1-inch Bolt, Qty 2
- 51000M135 Helical Spring, Qty 4
- 1176192 Bed Extender Sub Assembly, Qty 1

1.4 General Warnings

Safety



WARNING

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

This procedure **MUST** be performed by a qualified technician.

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.

After any adjustments, repair or service and before use, make sure all attaching hardware is tightened securely - otherwise injury or damage may result.

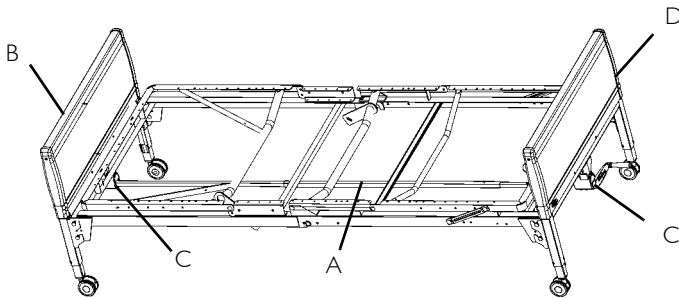
The 84-inch Bed Extension Kit **DOES NOT** change the weight limitation of your bed. Refer to your owner's manual for correct weight limitation.

2 Usage

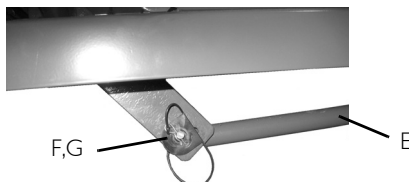
Intended Use:

For conversion of a 80-inch Split Spring Mattress Platform to an 84-inch Mattress Platform.

2.1 Disassembly

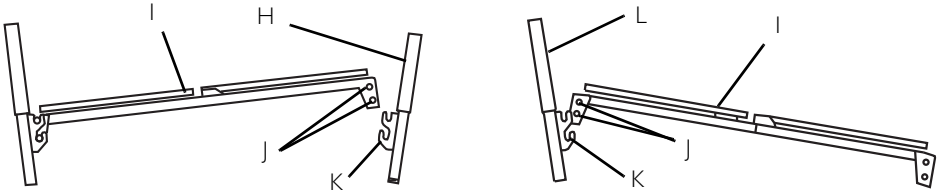


1. From the foot end (D), push the drive shaft (A) towards the head end (B) to compress the drive shaft and disengage it from the gear boxes (C) at the foot end and head end of the bed.



2. Disconnect head spring pull tube (E) by removing cotter (F) and clevis pins (G).

- Separate link fabric by raising the head end and disengage the open end hooks that secure the head and foot springs together.

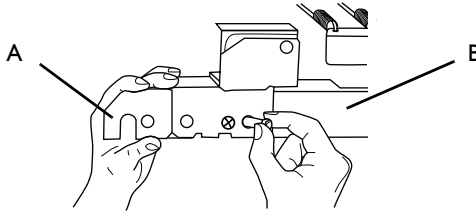


- From the head end (H), lift up on the bed frame (I) and disengage the rivets (J) on the corner plates out of the corner locks (K) of the head end of bed.
- From the foot end (L), lift up on the bed frame (I) and disengage the rivets (J) on the corner plates out of the corner locks (K) of the foot end of bed.
- Lay bed on side and rotate head and foot spring sections to a 90° angle.

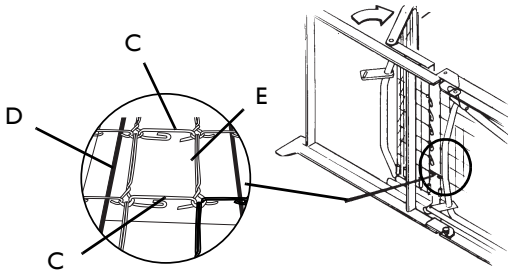


This will allow you to disengage head spring from foot spring.

2.2 Attach the Four Inch Extension

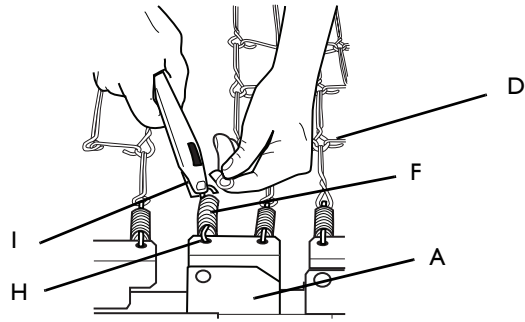


- Attach four-inch extension (A) to the right and left hand sides of the foot spring frame (B) using 5/16-18 x 1 inch bolt and bi-way locknut. Securely tighten.
- Reassemble foot spring to head spring.

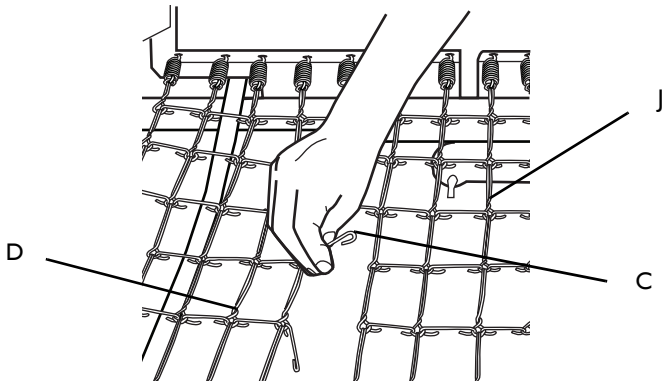


When performing STEP 3, make sure the open-end hooks are positioned down towards the ground/floor.

- Attach the six open-end hooks (C) of the link fabric extension (D) to the existing link fabric of the foot spring (E).
- Attach one helical spring (F) to one end of the link fabric extension (D).
- Attach the opposite end of the helical spring (F) to one of the four mounting holes in the four-inch extension (A).



6. Attach second helical spring (F) to the mounting hole (H) into the four inch extension (A) on other side of bed frame.
7. Using vise grips (I), secure the helical spring (F) to the link fabric extension (D).



8. To connect the link fabric extension (D) to the head spring (J), manually raise the head spring and attach open-end hooks (C) to the head spring.

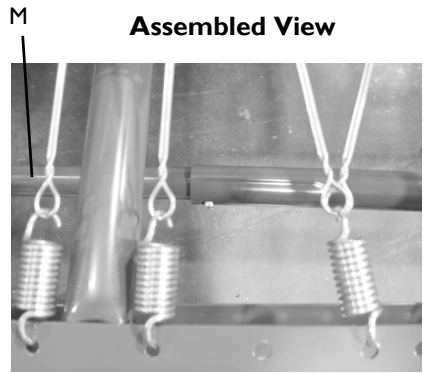
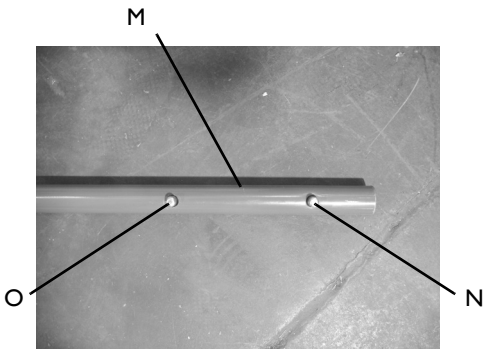


Make sure open end of hooks (C) are positioned down towards the ground/floor.

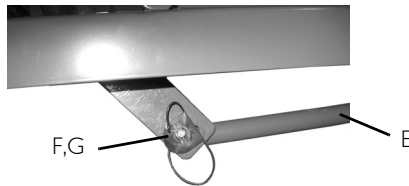
9. Attach bed ends to head and foot spring assemblies.



10. Using the existing drive shaft (K), slide the bed extender sub-assembly (L) on either end and attach drive shaft to head and foot boards.



11. Remove existing pull tube (M) in head motor assembly or head crank assembly
12. Install pull tube furnished with this kit in the following manner:
 - For beds equipped with AC motors, use the first spring button (N)
 - For beds equipped with DC motors, use the second spring button (O).



13. Reconnect pull tube (E) to head spring drive arm using the clevis (G) and cotter (F) pins.



Bed requires an 84-inch mattress.

If assistance is required or any problems are encountered during the conversion, contact customer service at 1-800-333-6900

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Yes, you can.

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