

*Momentum*TM

Two Foot Extension Assembly Instructions

Model BLQM-EXT

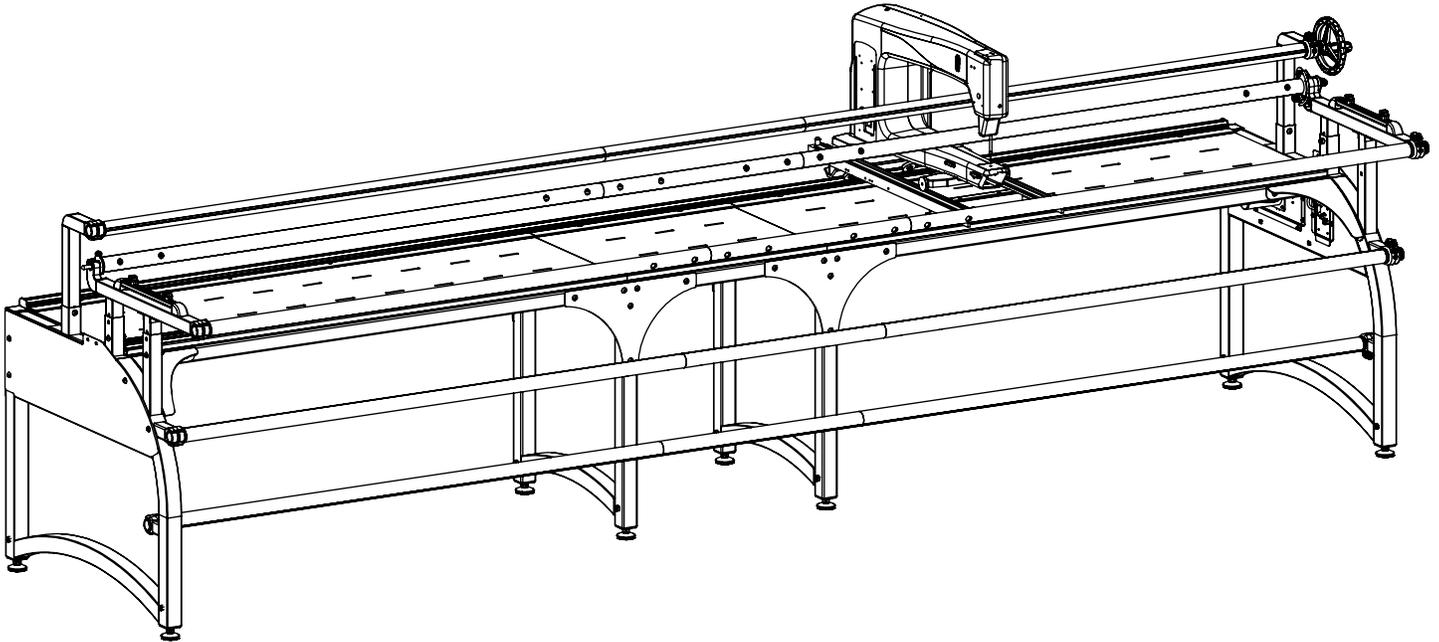


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Assembly 2 ft Extension

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Safety Instruction

Read all instructions before using.

When using this machine, basic safety precautions should always be taken, including the following:

DANGER - To reduce the risk of electric shock:

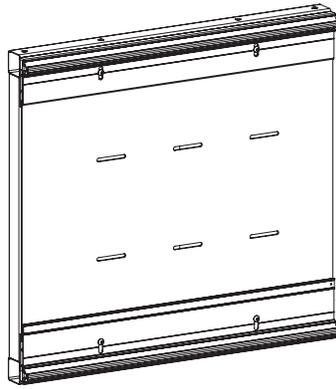
- A quilting machine should never be left unattended when plugged in. Always unplug the machine from the electrical outlet immediately after using and before cleaning.

WARNING -

- Never operate this system if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged. Return the system to the nearest authorized dealer for repair or adjustment.
- Keep fingers away from all moving parts.
- To disconnect, always turn the power button to the off position before unplugging any cables.
- Keep the machine and frame free from the accumulation of lint, dust, and loose cloth.
- Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.

If you have any questions contact your authorized Baby Lock retailer.

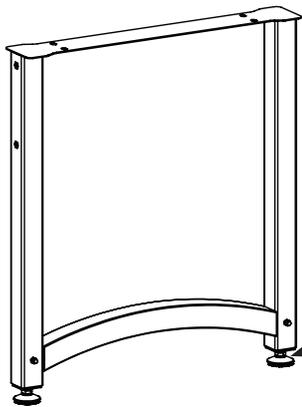
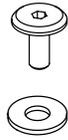
Parts List



2 ft Table Assembly (1)
A100109

(The following items are pre-installed in 2ft Table Assembly)

- Rear Track 04-10956
- Front Track 04-10957
- M6 Connector Bolt 03-10953
- M6 Plastic Washer 05-10949

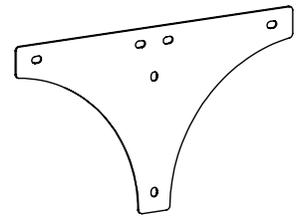


Middle Leg (1)
A100092



12 ft Plastic Track (4)
05-10356

Leveling Foot (2)
(Pre-installed on
Frame Ends and
Middle Leg)
03-10943



Middle Leg Brace (2)
04-10709



Idler Rail Clamp 2 ft (2)
04-10942



Rail 2 ft (4)
04-10515



Clamp Rail Coupler (2)
04-10714



Rail Coupler (4)
04-10457



Track Coupler (2)
04-10443

Hardware Box



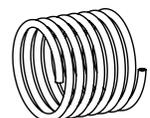
M8 x 16mm
SBHCS (16)
03-10951



M6 x 8mm Set
Screws (8)
03-10111



Ethernet Cable
Short (1)
02-10941



Fabri-Fast Tubing (4)
05-10517

12 ft Frame Assembly

Note: This instruction manual assumes that the 10 ft frame has been assembled from the Momentum Quilt Frame Assembly Instructions. If not, apply step 3 onward to the Momentum Quilt Frame Assembly Instructions.

Step 1: Detachment of Rails

Tools Required:

- 4mm Allen Wrench
- 6mm Allen Wrench

1-1: Remove the M10 x 125mm SBHCS from the take up rail with a 6mm Allen Wrench to remove the Handwheel Assembly from the rail end. Uncouple the Take Up Rail Assembly from the Rail Holder and remove from the frame. (Fig. 1-1)

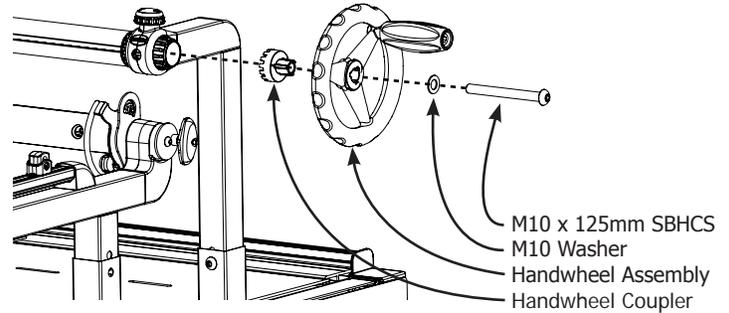


Fig. 1-1

1-2: Detach the Rail Clamp Lock Pin Assembly from the Idler Rail Clamp Locking Assembly by removing the M6 x 15mm SBHCS with a 4mm Allen Wrench. (Fig. 1-2)

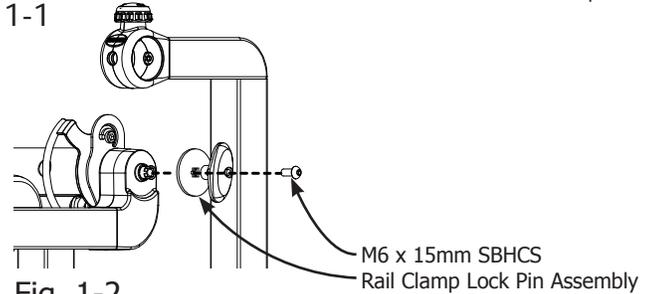


Fig. 1-2

1-3: After the rails have been removed from the frame assembly set aside the sewing machine and carriage assembly.

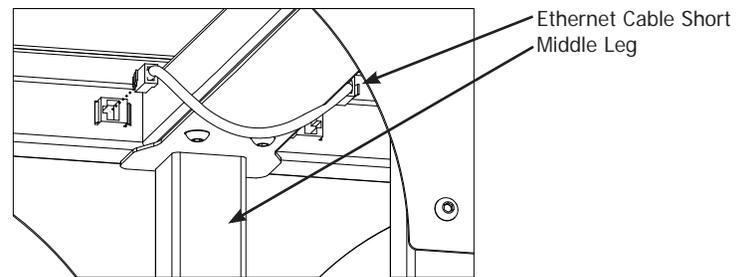


Fig. 2-1

Step 2: Table Structure Disassembly

Tools Required:

- 4mm Allen Wrench
- 5mm Allen Wrench

Note: Using two people is recommended for this step.

2-1: Disconnect the Ethernet Cable Short, located between the Middle Leg. (Fig. 2-1)

2-2: Detach the Track Supports from the Table Assembly by removing the M6 Connector Bolts with a 4mm Allen Wrench. (Fig. 2-2)

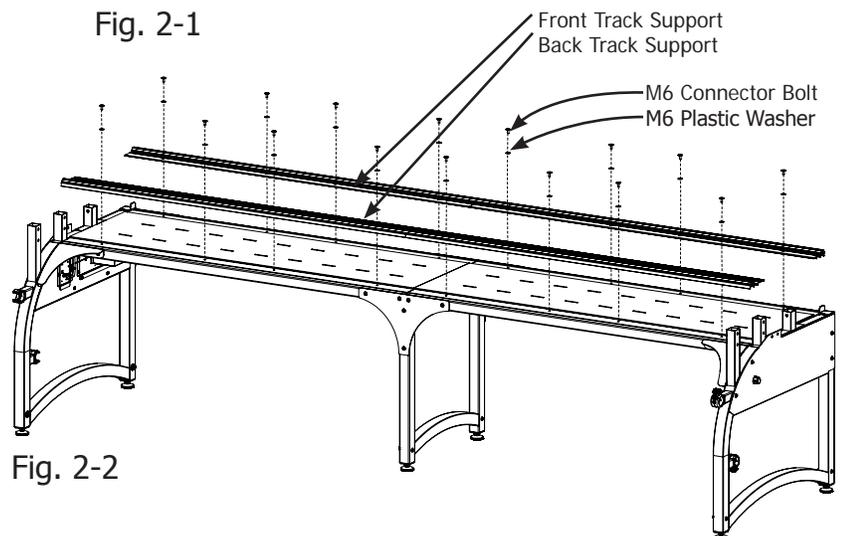


Fig. 2-2

2-3: Remove M8 x 16mm SBHCS on the middle brackets and middle leg to the Right Table Assembly End with a 5mm Allen Wrench. (Fig. 2-3)

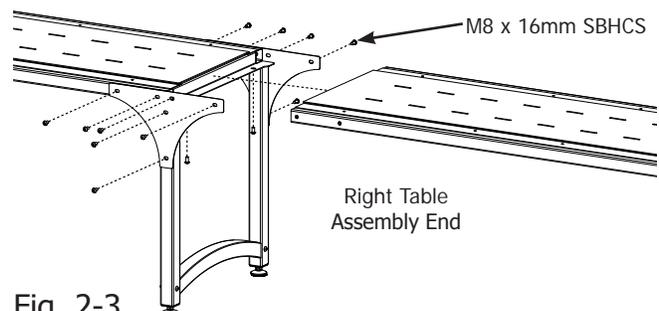


Fig. 2-3

Step 3: Table Extension

Parts Needed:

- 1- 2 ft Table Assembly
- 4- M8 x 16mm SBHCS
- 1- Middle Leg

Parts from Table Structure Disassembly:

- 2- M8 x 16mm SBHCS

Note: Using two people is recommended for this step.

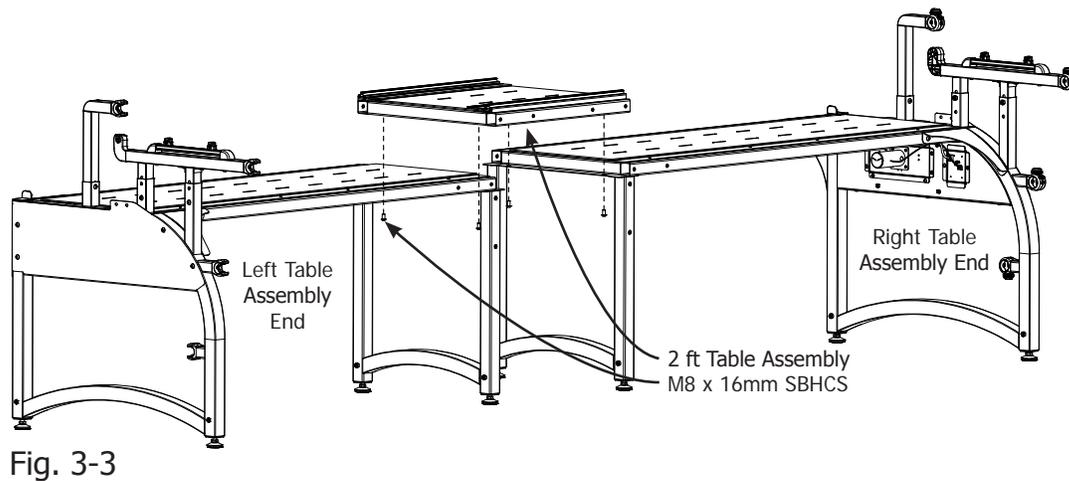
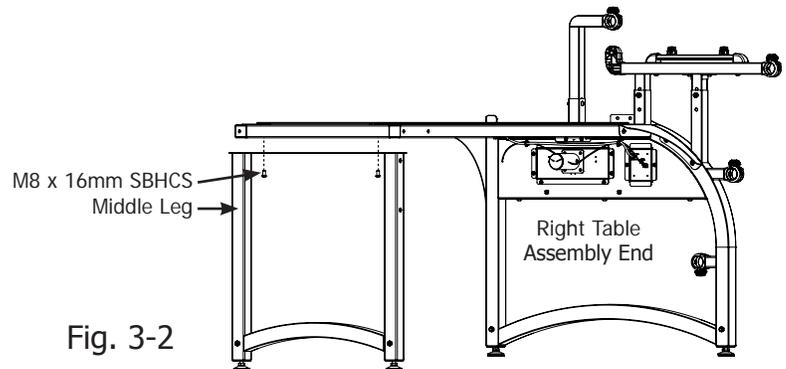
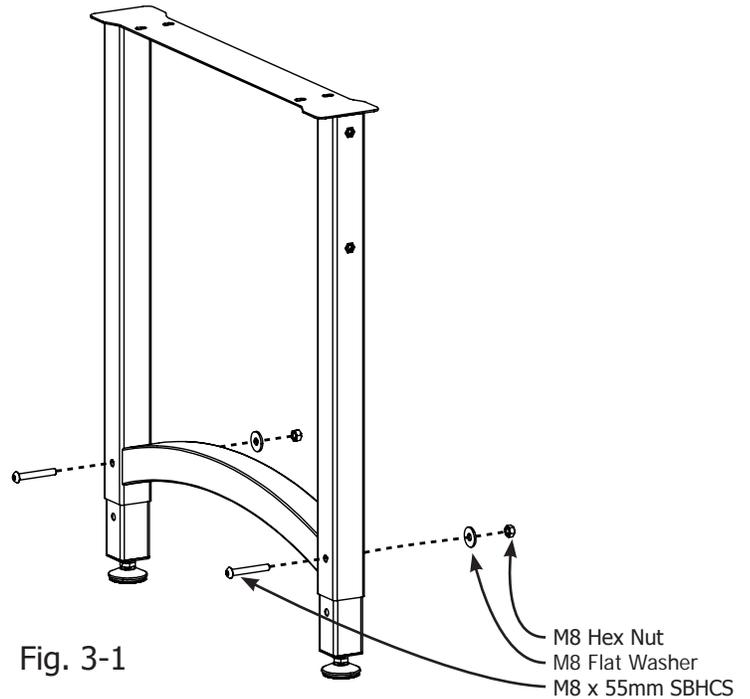
Tools Required:

- 5mm Allen Wrench
- Open wrench 17mm and 13mm

3-1: Adjust the Middle Leg to the same hole position as the other leg assemblies. To adjust the legs, remove the pre-installed M8 x 55mm SBHCS, M8 Flat Washer, and M8 Nylock Nut from the Middle Leg and reposition the leg to match the other legs on the frame.

3-2: Align the Middle Leg to the Right Table Assembly End and tighten with M8 x 16mm SBHCS. (Fig. 3-2)

3-3: Align the 2 ft Table Assembly between the left and right table assembly ends and tighten with M8 x 16mm SBHCS. (Fig. 3-3)



Step 4: Track Extension

Parts Needed:

- 8- M6 x 8mm Set Screws
- 2- Track Coupler
- 4- 12 ft Plastic track

Parts from Table Structure Disassembly:

- 1- 10 ft Back Track Support
- 1- 10 ft Front Track Support
- 16 Connector Bolts
- 16 M6 Plastic Washer

Tools Required:

- 3mm Allen Wrench
- 4mm Allen Wrench

4-1: Detach the 2 ft Track Supports from the Table Assembly by removing the M6 Connector Bolts with a 4mm Allen Wrench. (Fig. 4-1)

4-2: Take the 10 ft Back Track Support and loosen two M6 x 8mm Set Screw and separate the 10 ft track. (Fig. 4-2) Repeat this process with the 10 ft Front Track Support.

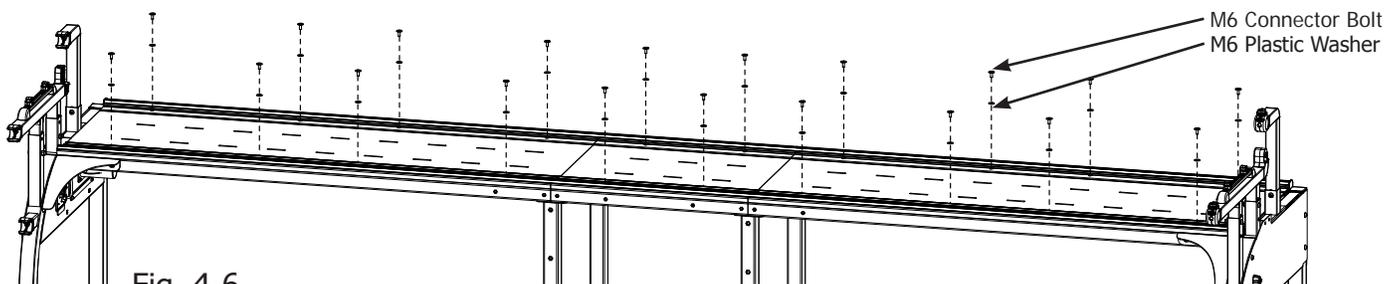
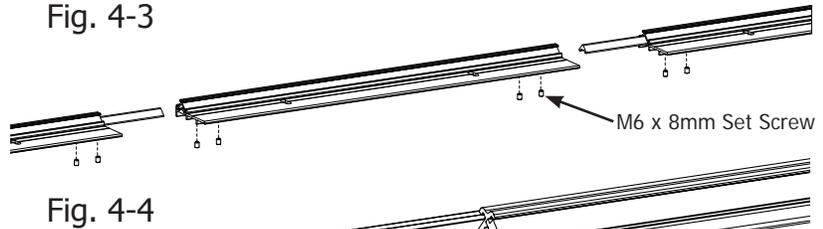
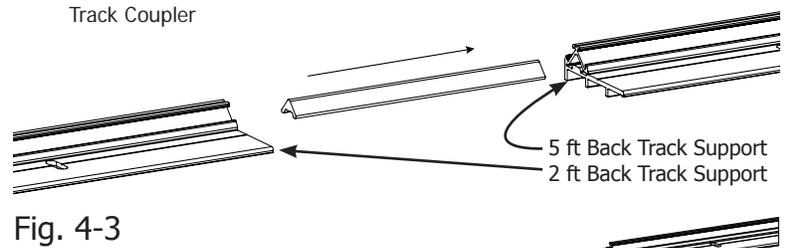
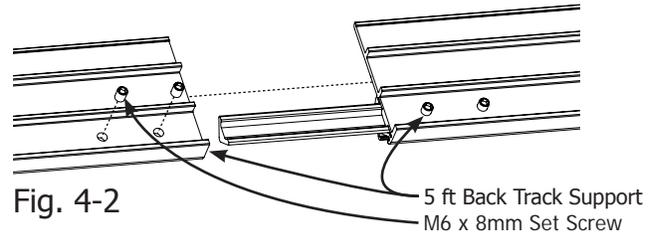
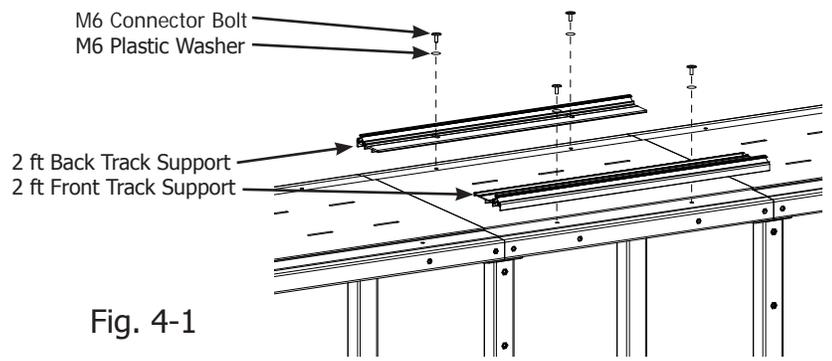
4-3: Insert the Track Coupler into the coupler-free 5 ft Back Track Support end leaving approximately half of the coupler exposed. (Fig. 4-3) Repeat this process with the coupler-free Front Track Support. Insert and tighten M6 x 8mm Set Screws into the Track Support end using a 3mm Allen Wrench. (Fig. 4-4)

4-4: Slide a 2 ft Back Track Support end onto the coupled back track assembly end and tighten the M6 x 8mm Set Screws with a 3mm Allen Wrench to complete one 12 ft Track Support. (Fig. 4-4) Repeat this process for the 12 ft Front Track Support.

4-5: Slide the 12 ft Plastic Track down the track grooves of the Back Track Support Assembly. (Fig. 4-5)

4-6: Loosely tighten the 12 ft Front Track Assembly and securely tighten the 12 ft Rear Track Assembly onto the Table Assembly with the Connector Bolts and M6 Plastic Washers. The Rear Track Assembly side should be flush with the back edge of the table. (Fig. 4-6)

Note: The Front Track Assembly will be adjusted and tightened in **Step 8**.



Step 5: Middle Leg Brace Attachment

Parts Needed:

- 12- M8 x 16mm SBHCS
- 2- Middle Leg Brace

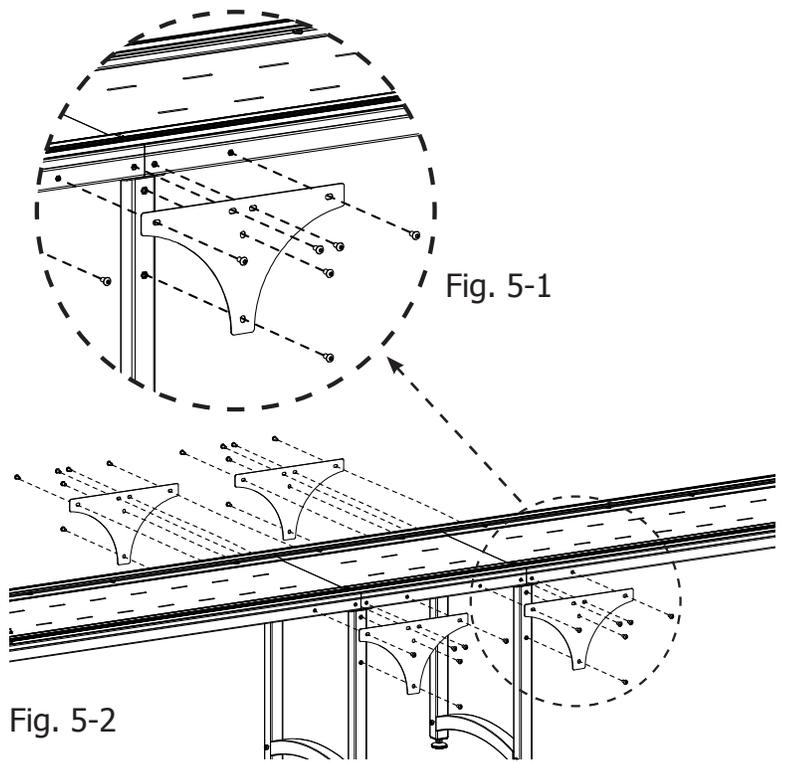
Parts from Table Structure Disassembly:

- 12- M8 x 16mm SBHCS
- 2- Middle Leg Brace

Tools Required:

- 4mm Allen Wrench

5-1: Tighten the Middle Leg Braces to the Table Assemblies and Middle Legs. The Middle Leg Braces should lay flush with the surface of the Table Assemblies and Middle Leg. (Fig. 5-1 and Fig. 5-2)



Step 6: Wire Connection

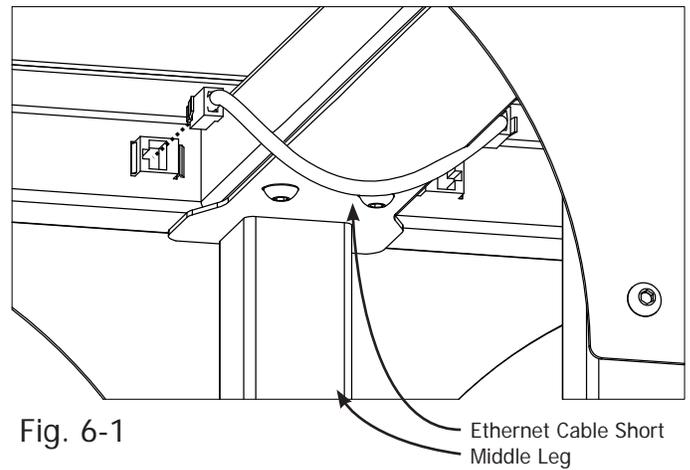
Parts Needed:

- 1- Ethernet Cable Short

Parts from Table Structure Disassembly:

- 1- Ethernet Cable Short

6-1: Plug the two Ethernet Cable Short into the Ethernet ports on the underside of the Table Assemblies between the Middle Legs. (Fig. 6-1)



Step 7: Rail Extensions

Parts Needed:

- 4- Rail 2ft
- 4- Rail Coupler
- 2- Idler Rail Clamp 2ft
- 2- Clamp Rail Coupler

Parts from Table Structure Disassembly:

- 4- 10 ft Rail Assembly
- 1- 10 ft Idler Rail Clamp Assembly

Tools Required:

- 3mm Allen Wrench

Note: Loosen M6 x 10mm Set Screws if the Rail Couplers do not easily slide into the rail ends. (Fig. 10-1)

7-1: Disassemble one end of the 10 ft Rail Assembly by loosening two M6 x 10mm Set Screws and sliding the 5 ft Rail Assembly off the coupler. (Fig. 7-1 and Fig. 7-2) Repeat this step for the remaining three 10 ft Rail Assemblies.

7-2: Insert a Rail Coupler on the free 5 ft rail end. (Fig. 7-3) Repeat this step for the remaining three 10 ft Rail Assemblies.

7-3: Align and insert a Rail 2 ft on to the coupler ends of a Rail Non-Ratcheting End and Rail Ratcheting End. (Fig. 7-4) Tighten the M6 x 10mm Set Screws on the 12 ft Rail Assembly. Repeat this step for the remaining three 12 ft Rail Assemblies. (Fig. 7-1)

7-4: Disassemble one end of the 10 ft Idler Rail Assembly by loosening four M6 x 10mm Set Screws and sliding the 5ft Idler Rail off the coupler. (Fig. 7-1 and Fig. 7-5)

7-5: Insert the Idler Rail Couplers on the free 5 ft idler rail end. (Fig. 7-6)

7-6: Align and insert a Idler Rail Clamp 2 ft on to the Idler Rail Coupler ends of a Idler Rail Clamp Locking Assembly and Idler Clamp Floating Assembly. (Fig. 7-7) Tighten the M6 x 10mm Set Screws on the 12 ft Idler Rail Assembly. (Fig. 7-1) Align the Clamp Rails so that the hinges are on the same side.

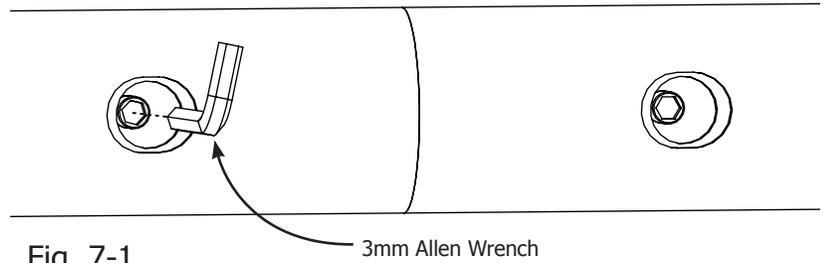


Fig. 7-1

10 ft Rail Assembly

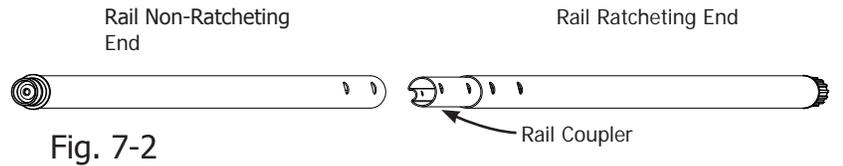


Fig. 7-2

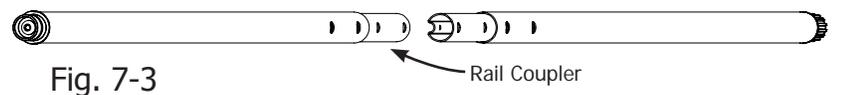


Fig. 7-3

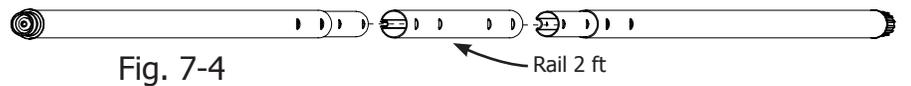


Fig. 7-4

10 ft Idler Rail Assembly

Idler Rail Clamp Locking Assembly

Idler Clamp Floating Assembly

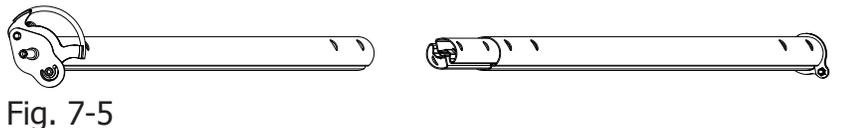


Fig. 7-5

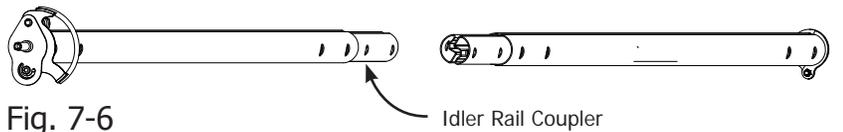


Fig. 7-6

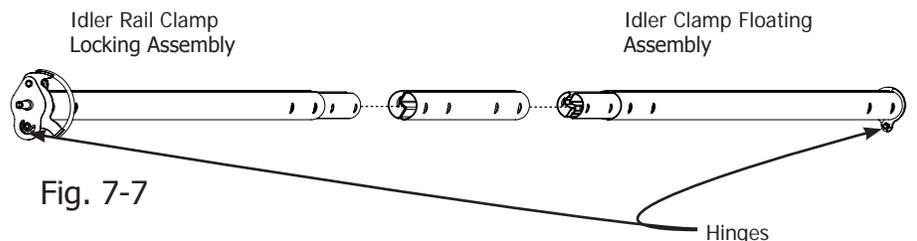


Fig. 7-7

Hinges

Step 8: Track Adjustment

Tools Required:

4mm Allen Wrench

8-1: Place and align the Bottom Carriage Assembly and sewing machine on the track assemblies. The Front Track Assembly should be loosely tightened from a previous step. (Fig. 8-1)

8-2: The Rear Track Support should be aligned flush with the Table Frame Side from a previous step. If not, align and tighten bolts. Do not over tighten bolts. (Fig. 8-1)

8-3: Press down on the Bottom Carriage Assembly and move the carriage from left to right, tightening the Front Track M6 Connector Bolts. Continue this step for the remainder of the Connector Bolts along the frame. Do not over tighten bolts. (Fig. 8-1)

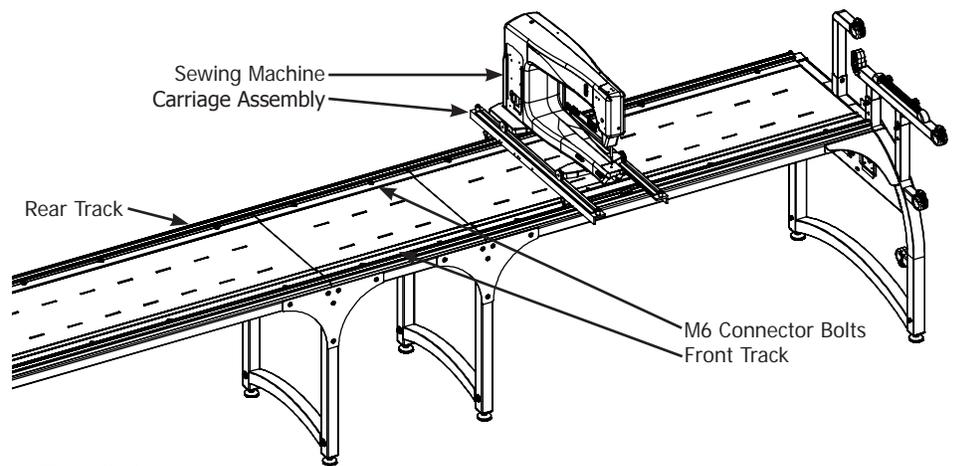


Fig. 8-1

Step 9: Attachment of Rails

Parts Needed:

- 4- 12 ft Rail Assembly
- 1- 12 ft Idler Rail Clamp Assembly
- 1- Handwheel Assembly
- 1- Handwheel Coupler
- 1- M10 x 125mm SBHCS
- 1- Rail Clamp Lock Pin Assembly
- 1- M6 x 15mm SBHCS

Tools Required:

- 4mm Allen Wrench
- 6mm Allen Wrench

9-1: Insert 12 ft Idler Rail Clamp Assembly and 12 ft Rail Assemblies through the throat of the machine and place into their rail holders.

9-2: Align and attach the Rail Clamp Lock Pin Assembly from the Idler Rail Clamp Locking Assembly by tightening the M6 x 15mm SBHCS with a 4mm Allen Wrench. (Fig. 9-1)

Note: Use the same Rail Assembly for the take up rail so the Handwheel Assembly can be installed.

9-3: Insert Handwheel Coupler, Handwheel Assembly, M10 Washer, and M10 x 125mm SBHCS with a 6mm Allen Wrench and tighten the end of the Rail Assembly. (Fig. 9-2)

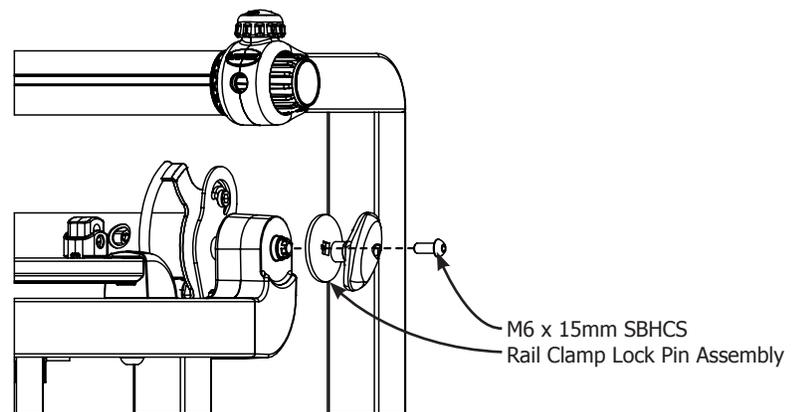


Fig. 9-1

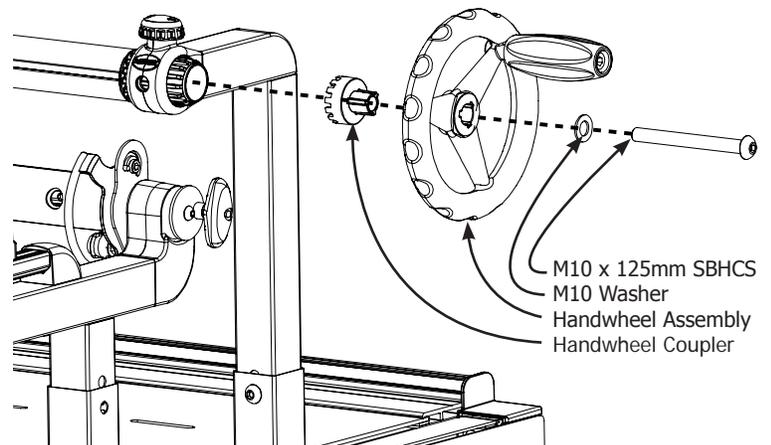


Fig. 9-2

Congratulations 2 ft frame extension is completed.