

Jet JJ-6CSX

JET JJ-6CSX Woodworking Jointer

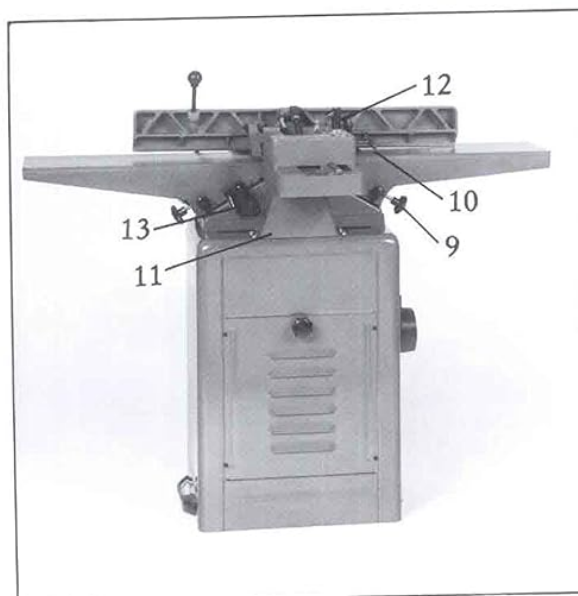
INSTRUCTION MANUAL

Introduction

This manual provides comprehensive instructions for the Jet JJ-6CSX Woodworking Jointer. It includes detailed sections on parts, assembly, operation, specifications, maintenance, blade replacement, and wiring diagrams to ensure safe and efficient use of your machine.

Levers and Controls

Levers and Controls



1. Hand Wheel for Outfeed Table
2. Outfeed Table
3. Fence
4. Fence Adjustment Handle
5. Cutter Guard
6. Infeed Table
7. Hand Wheel for Infeed Table

8. On/Off Switch
9. Table Lock Knob
10. Fence Tilt Lock Handle
11. Belt Guard
12. Fence Adjustment Lock Handle
13. Depth Limiter

Specifications:

JJ-6CSX

Stock Number	708457
Cutting Capacity	6-1/16"W x 1/2"D
Cutterhead Speed	4800 RPM
Number of Knives	3
Rabbeting Capacity	1/2"
Rabbet Ledge	3-1/8" x 8-3/4"
Table Surface	7"W x 46"L x 31-3/4"H
Fence	4"H x 29-1/8"L
Blade Size	6-1/16" x 5/8" x 1/8"T
Fence Tilts Right	45°
Positive Stops	45°, 90°
Motor	1 HP, 1Ph
	115/230V, Prewired 115V
Net Weight (approx.)	258 lbs.
Shipping Weight (approx.)	273 lbs.

The specifications in this manual are given as general information and are not binding. JET Equipment and Tools reserves the right to effect, at any time and without prior notice, changes or alterations to parts, fittings, and accessory equipment deemed necessary for any reason whatsoever.

Figure 1: Overview of the Jet JJ-6CSX Jointer's levers and controls, illustrating key components and their positions.

Refer to the diagram above for the location of each control and component:

1. **Hand Wheel for Outfeed Table:** Adjusts the height of the outfeed table.
2. **Outfeed Table:** Supports the workpiece after it passes the cutterhead.
3. **Fence:** Guides the workpiece during jointing operations.

4. **Fence Adjustment Handle:** Used to set the fence angle and position.
5. **Cutter Guard:** Protects the user from the rotating cutterhead.
6. **Infeed Table:** Supports the workpiece before it reaches the cutterhead.
7. **Hand Wheel for Infeed Table:** Adjusts the height of the infeed table to control the depth of cut.
8. **On/Off Switch:** Controls the power to the jointer.
9. **Table Lock Knob:** Secures the table in position after adjustment.
10. **Fence Tilt Lock Handle:** Locks the fence at the desired angle.
11. **Belt Guard:** Encloses the drive belt for safety.
12. **Fence Adjustment Lock Handle:** Secures the fence position.
13. **Depth Limiter:** Sets the maximum depth of cut.

Specifications - JJ-6CSX

Stock Number	708457
Cutting Capacity	6-1/16"W x 1/2"D
Cutterhead Speed	4800 RPM
Number of Knives	3
Rabbeting Capacity	1/2"
Overall Length	3-1/8" x 8-3/4"
Table Surface	7"W x 46"L x 31-3/4"H
Fence	4"H x 29-1/8"L
Blade Size	6-1/16" x 5/8" x 1/8"
Fence Tilt Right	45°
Positive Stops	45°, 90°
Motor	1 HP, 1PH, 115/230V, Prewired 115V
Net Weight (approx.)	258 lbs.
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Installing V-Belt

If the outfeed table is set too high, a curved finished surface results. (Fig. 12)

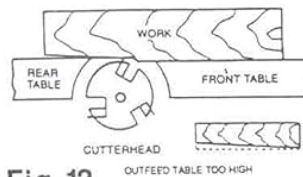


Fig. 12

OUTFEED TABLE TOO HIGH

If the outfeed table is set too low, gouging results at the end of the cut. (Fig. 13)

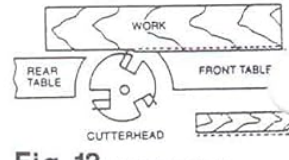


Fig. 13

OUTFEED TABLE TOO LOW

Figure 14 illustrates the outfeed table at the correct height.

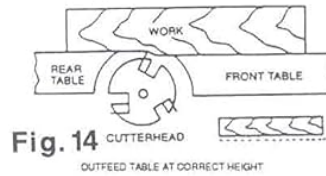


Fig. 14

OUTFEED TABLE AT CORRECT HEIGHT

Installing V-Belt

1. Place V-belt onto cutterhead pulley and through opening in stand.
2. Pull V-belt down and place onto motor pulley. (Fig. 15)
3. Check to make sure that motor pulley and cutterhead pulley are vertically aligned and the v-belt does not contact the sides of the opening in the base. If the pulleys are not aligned, remove belt and adjust the motor pulley in or out on the motor shaft and then re-attach the belt.
4. The V-belt is properly tensioned when finger pressure on the belt half way between the two pulleys causes 1/2" deflection. If the belt is too loose, loosen the four motor mount bolts, push down on the motor to tension the V-belt, and tighten the mounting bolts.
5. After two hours of operation, check belt tension again. Re-tension if necessary.

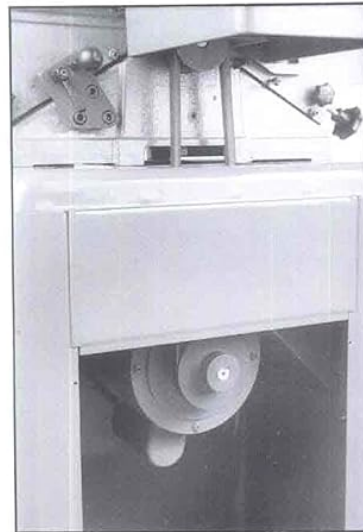


Fig. 15

Installing Belt Guard

1. Place the belt guard over the opening in the stand.
2. Line up the holes in the stand with the holes in the guard.
3. Attach the guard to the stand using four 1/4-20 x 1/2" pan head screws and four 1/4" flat washers (Fig. 16).

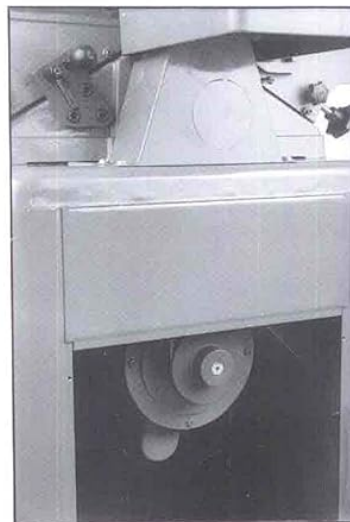


Fig. 16

Figure 2: Visual guide for V-belt installation and proper outfeed table adjustments. Figures 12, 13, 14 show outfeed table settings. Figures 15 and 16 show V-belt installation steps.

Follow these steps to install the V-belt:

1. Place the V-belt onto the cutterhead pulley and through the opening in the stand (Figure 15).
2. Pull the V-belt down and place it onto the motor pulley.

3. Ensure the V-belt and cutterhead pulley are vertically aligned. If they are not aligned, remove the belt and loosen the four motor mount bolts. Push down on the motor to tension the V-belt, and then re-attach the belt.
4. Verify the V-belt is properly tensioned. When pressed in the center, the belt should deflect approximately 1/2 inch. If adjustment is needed, loosen the four motor mount bolts, push down on the motor to tension the V-belt, and then tighten the mounting bolts.
5. After two hours of operation, check the belt tension again. Re-tension if necessary.

Installing Belt Guard

To install the belt guard, refer to Figure 16 in the previous image and follow these instructions:

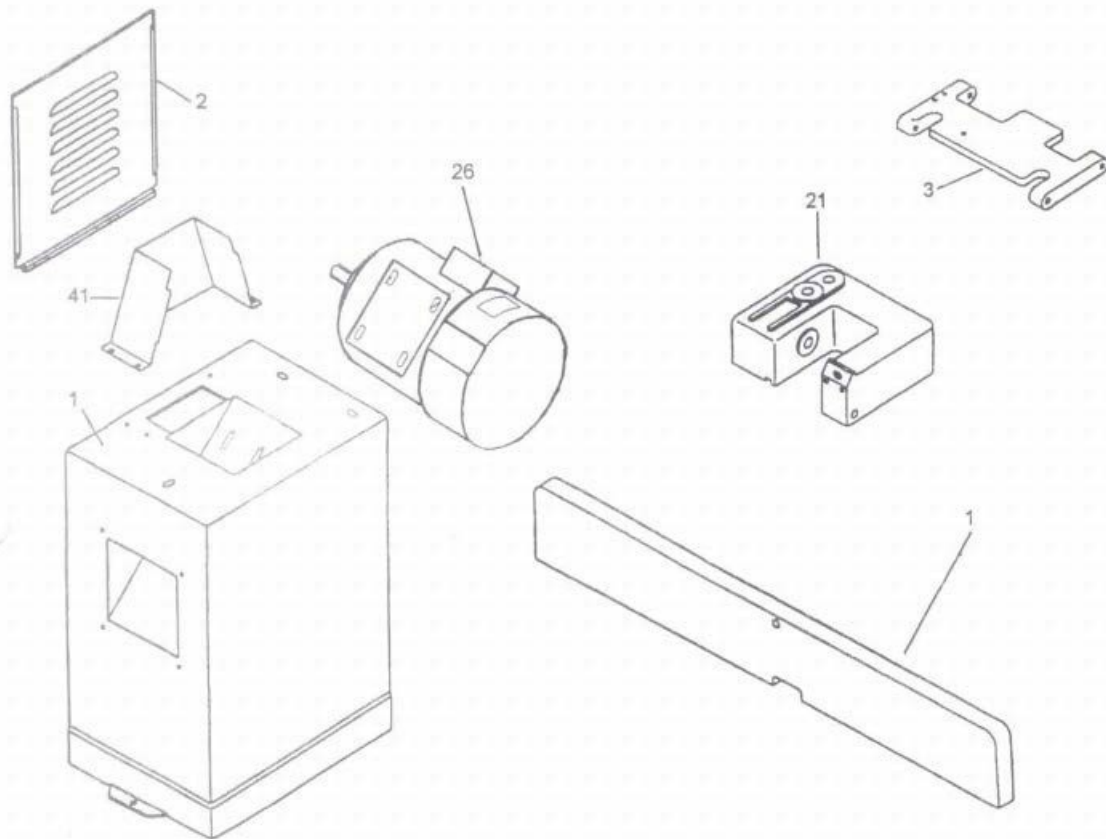
1. Place the belt guard over the opening in the stand.
2. Align the holes in the stand with the holes in the guard.
3. Attach the guard to the stand using four 1/4-20 x 1/2" pan head screws and four 1/4" flat washers (Figure 16).

Fence and Stand Assembly - Replacement Parts

JJ-6CSX Woodworking Jointer

Fence And Stand Assembly

White Replacement Parts



Please use these part numbers when ordering a white replacement part.

Index No.	Part No.	Description	Size	Qty.
	JEJ-FW	Fence Complete Assembly (Not Shown)		1
1	JEJ-F01W	Fence Body		1
1	JI-Y01W	Stand Body		1
2	JI-Y01AW	Cover		1
3	JEJ-F02W	Tilting Plate		1
21	JEJ-F11W	Casting		1
26	JI-X04W	Motor		1
41	JEY-S03W	Belt Guard		1

Figure 3: Exploded view of the JJ-6CSX Jointer's fence and stand assembly, detailing individual components for replacement.

Use the following part numbers when ordering replacement parts for the fence and stand assembly:

Index No.	Part No.	Description	Qty.
-	JEJ-FW	Fence Complete Assembly (Not Shown)	1
1	JEJ-F01W	Fence Body	1

-	JI-Y01W	Stand Body	1
2	JI-Y01AW	Cover	1
3	JEJ-F02W	Mount Plate	1
21	JEJ-F11W	Casting	1
26	JI-X04W	Motor	1
41	JEY-S03W	Belt Guard	1

General Information

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