

# Model D3348 Extension Block Kit Instruction Sheet



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## INTRODUCTION

This Extension Block Kit increases the maximum cutting height of the Model W1706 14" bandsaw from 6" to 12".

## INVENTORY

Description	Qty
A. Extension Block .....	1
B. Saw Blade 105" .....	1
C. Extended Saw Blade Guard .....	1
D. Extended Guide Post .....	1
E. Hardware	
–Hex Bolt $\frac{5}{8}$ "-11 x 8- $\frac{1}{2}$ " .....	1
–Hex Nut $\frac{5}{8}$ "-11.....	1
– $\frac{5}{8}$ " Flat Washer .....	2
–Cord Clamp ACC-3 (not shown).....	1
–Phillips Hd 10-24 x $\frac{1}{2}$ " (not shown) .....	1
F. Extended Blade Guard Assembly.....	1

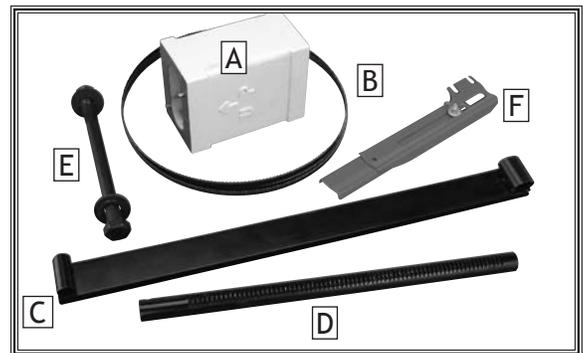


Figure 1. Extension Block Kit.

## Items Needed

Description	Qty
Adjustable Wrenches .....	2
Phillips Screwdriver #2.....	1
Hex Wrench 5mm and 3mm .....	1 Each
Another Person for Assistance .....	1

## Cleanup

The unpainted surfaces of the extension block are coated with a heavy-duty rust preventative that prevents corrosion during shipment and storage.

Complete removal of the rust preventative is necessary for the extension block and upper arm to fit properly and be accurately positioned.

## NOTICE

Avoid chlorine-based solvents, such as acetone or brake parts cleaner, that may damage painted surfaces.

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**Before cleaning, gather the following:**

- Disposable Rags
- Cleaner/degreaser (WD•40 works well)
- Safety glasses & disposable gloves
- Plastic paint scraper (optional)

**Basic steps for removing rust preventative:**

1. Put on safety glasses.
2. Apply a liberal amount of cleaner/degreaser on the rust preventative, then let it soak for 5-10 minutes.
3. Wipe off the surfaces. If your cleaner/degreaser is effective, the rust preventative will wipe off easily. If you have a plastic paint scraper, scrape off as much as you can first, then wipe off the rest with the rag.
4. Repeat Steps 2-3 as necessary until clean, then coat all unpainted surfaces with a quality metal protectant to prevent rust.

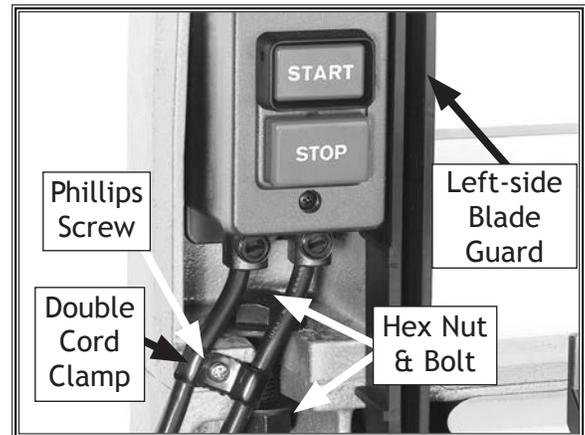
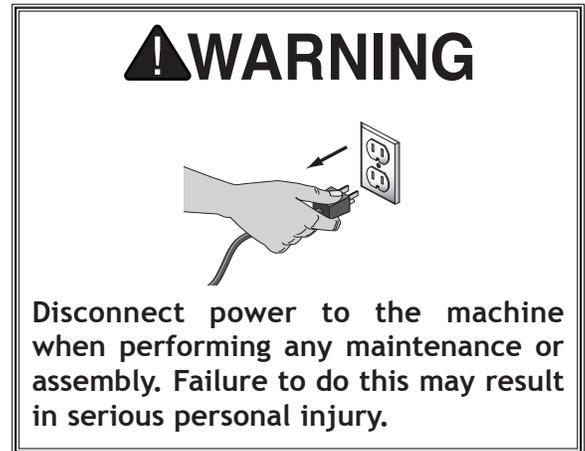
**Installation**

1. DISCONNECT BANDSAW FROM POWER!
2. Remove the blade per the directions in the Model W1706 Owner's Manual.
3. Remove the left-side blade guard (**Figure 2**). It is held in place with one screw at the top and one at the bottom.
4. Taking care not to disconnect any wiring, remove the power switch and the double cord clamp (see **Figure 2**). Let the switch hang to the side for now.

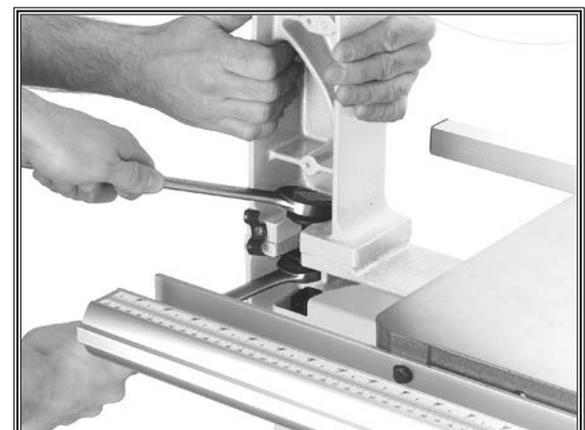
*Note: The switch is fastened in place with one screw above the box and one below it. Avoid removing the two screws on the face of the switch box, as this will open the switch box cover, exposing the wiring inside.*

5. Have an assistant support the upper arm assembly, then loosen the hex nut and bolt, as shown in **Figure 3**, and slide the bolt out.

**IMPORTANT:** Make sure all mating surfaces of the riser block are clean before proceeding.



**Figure 2.** Power switch and left side blade guard.



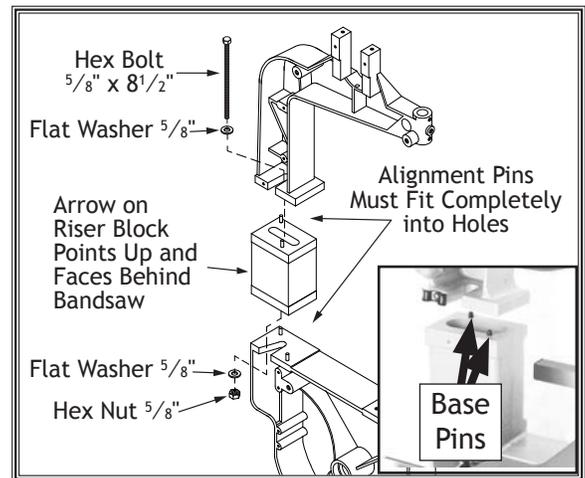
**Figure 3.** Loosening hex nut and bolt.

- Remove the upper arm and set it aside.

**Note:** The upper arm is pinned to the base. If removal is difficult, carefully rock the upper arm loose.

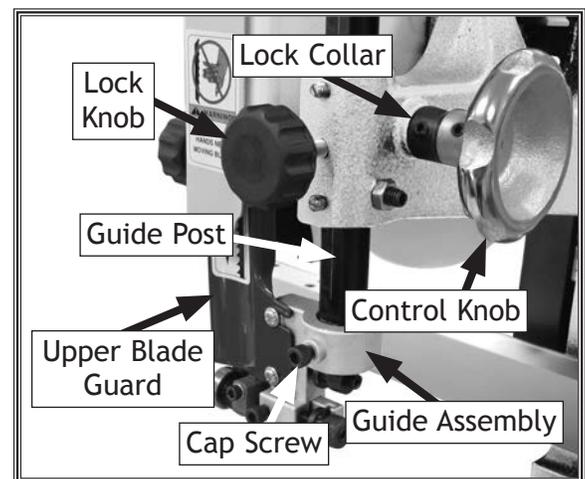
- Place the extension block onto the base pins.
- Have an assistant place the upper arm onto the extension block pins (see **Figure 4**), and hold the upper arm in place.

**Note:** Make sure the arrow on the riser block points up and faces behind the machine. Also, make sure the alignment pins fit completely into the holes during installation.



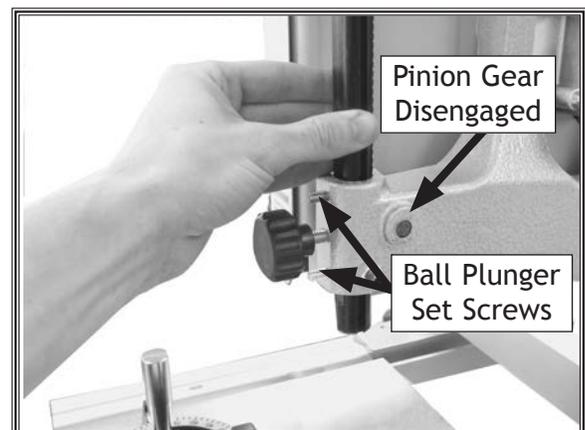
**Figure 4.** Installing riser block.

- Place a  $\frac{5}{8}$ " washer over the  $\frac{5}{8}$ "-11 x  $8\frac{1}{2}$ " hex bolt included with the extension kit, and slide the bolt down through the extension block.
- Attach the  $\frac{5}{8}$ " washer and  $\frac{5}{8}$ "-11 hex nut to the hex bolt, and tighten until secure.
- Install the extended left-side blade guard using the screws removed in **Step 3**.
- Raise the upper guide assembly all the way up, then tighten the lock knob (see **Figure 5**).
- Loosen the cap screw shown in **Figure 5**, disconnect the guide assembly from the guide post, then remove the guide assembly and the upper blade guard.



**Figure 5.** Upper blade guard and components.

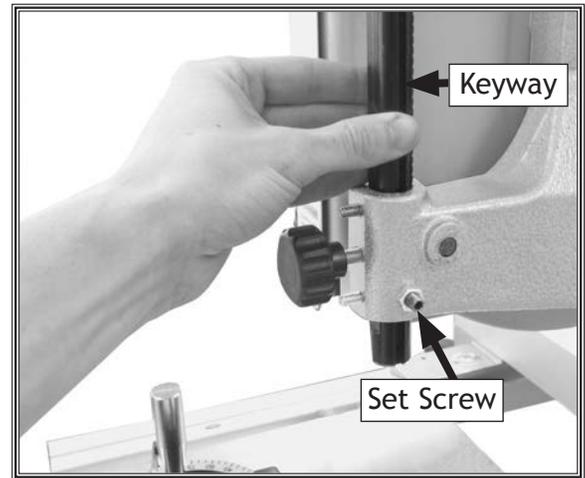
- Remove the guide post control knob and lock collar from the pinion gear shaft (**Figure 5**).
- Push the pinion gear shaft inward to disengage the gear from the rack (see **Figure 6**).
- Unthread the two ball plunger set screws (see **Figure 6**) away from the guide post. (It is not necessary to remove them.)
- Hold the guide post with one hand, then loosen the lock knob with the other hand and slide the guide post up and out of its housing.



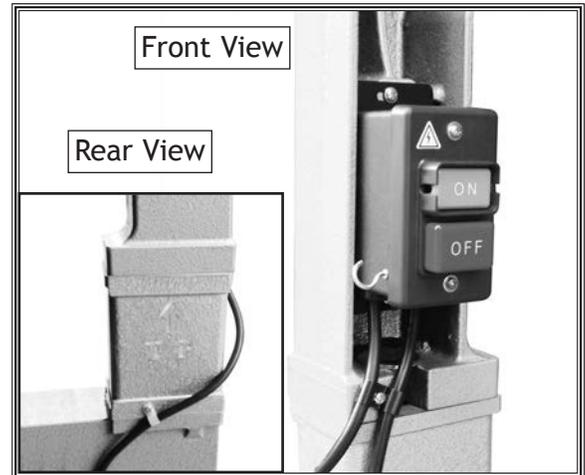
**Figure 6.** Pinion gear shaft pushed in.

18. Insert the extended guide post into the housing, as shown in **Figure 7**, making sure the keyway is aligned with the set screw.
19. Slide the pinion gear away from the saw, and ensure the gear teeth engage the guide post rack.
20. Thread the ball plunger set screws back into place—but avoid over-tightening them. At the proper setting, the guide post should move up and down by hand, but remain stationary when the lock knob is released.
21. Replace the lock collar and guide post control knob.
22. Attach the guide assembly and the extended blade guard to the guide post.
23. Attach the cord clamp using (1) 10-24 x 1/2" Phillips head screw (see **Figure 8**), and replace the power switch assembly and double cord clamp removed in **Step 4**.
24. Install the 105" bandsaw blade. Without starting the saw, tension the blade approximately where it should be for a regular cutting operation.
  - If you have difficulty setting the tension on the 105" blade, the tensioning mechanism on the bandsaw may need to be re-adjusted to accommodate the new blade length. Follow the **Blade Tensioner** instructions in the W1706 Owner's Manual.
25. Align the bandsaw wheels so they are coplaner. Refer to **Wheel Alignment** procedure in the W1706 Owner's Manual.

Congratulations! The riser block installation procedure is now complete.

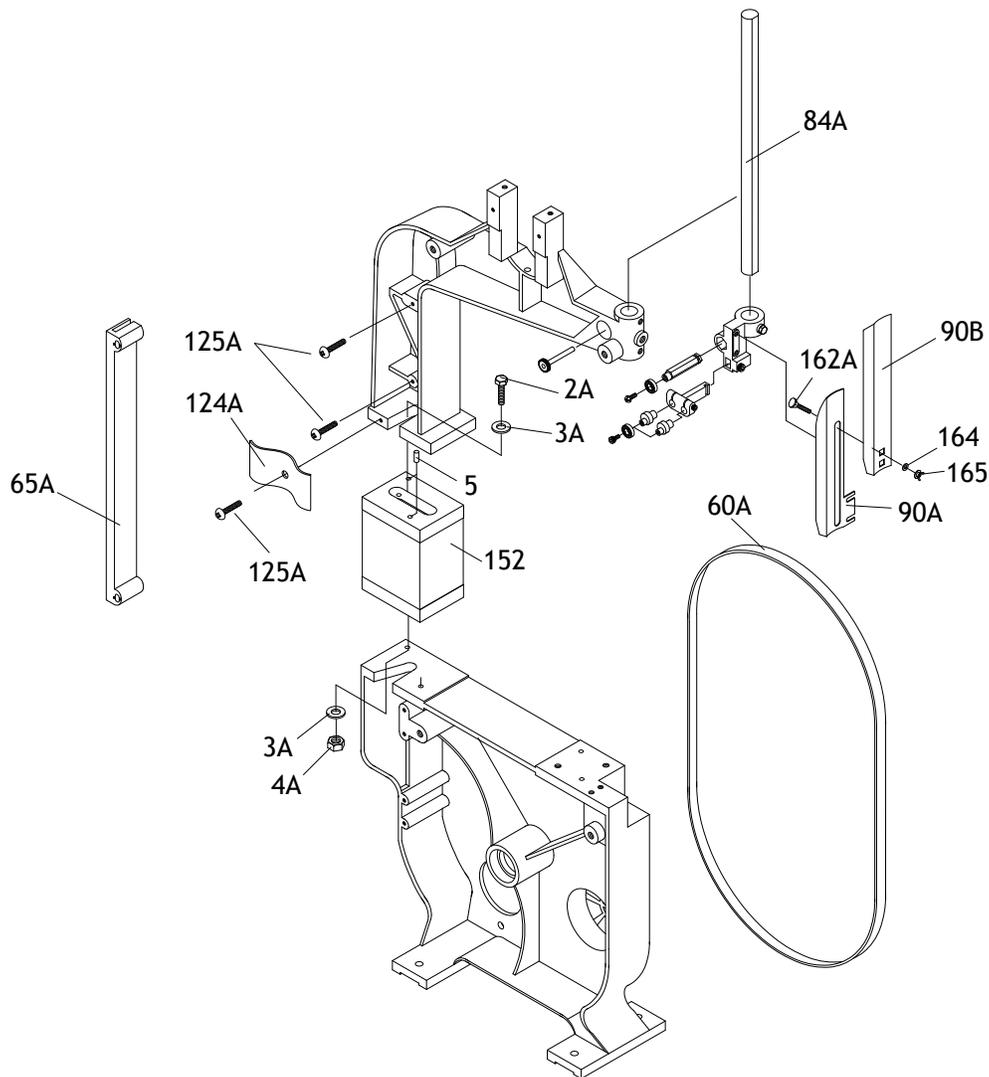


**Figure 7.** Installing extended guide post.



**Figure 8.** Extension block installed.

### D3348 Parts Diagram



REF	PART #	DESCRIPTION
2A	XD3348002A	HEX BOLT 5/8-11 X 8-1/2
3A	XPW14	FLAT WASHER 5/8
4A	XPN04	HEX NUT 5/8-11
5	XD3348005	PIN 6 X 15
60A	XD3348060A	SAW BLADE 6 TPI X 105 X 3/8
65A	XD3348065A	SAW BLADE GUARD
84A	XD3348084A	GUIDE POST (LONG)
90A	XD3348090A	BLADE GUARD (LONG)

REF	PART #	DESCRIPTION
90B	XD3348090B	BLADE GUARD
152	XD3348152	EXTENSION BLOCK
162A	XPCB02	CARRIAGE BOLT 5/16-18 X 1/2
164	XPW07	FLAT WASHER 5/16
165	XPWN03	WING NUT 5/16-18
124A	XD3348124A	CORD CLAMP
125A	XPS01	PHLP HD SCR 10-24 X 1/2