

Installation Instructions and Parts List for PRB14 Riser Block Kit

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Part No.: M-PRB14 Revision B, 2/09

Contents of Shipping Container

- 1 Riser block
- 1 Blade guard
- 1 Hex Cap Screw, 5/8" x 8-1/2"
- 2 Flat Washers, 5/8"
- 1 Hex Nut, 5/8"
- 1 Guide post
- 1 Upper Wheel Blade Guard Assembly
- 1 Saw Blade, 105"
- 1 Installation Instructions

Tools Required for Assembly

- 10mm and 26mm wrenches
- 15/16" and 1-1/16" sockets with ratchet wrench
- #1 cross point screwdriver
- 6" adjustable wrench
- Hex wrench set
- Rubber mallet (or hammer & wood block)

Installation Instructions *(refer to exploded view on reverse side for assembly help)*

⚠WARNING Disconnect band saw from power source.

1. Loosen blade tension, open both blade wheel covers, remove the table pin and table insert, and remove the blade. See the band saw owner's manual for further details, if necessary.
2. Remove the rear blade guard next to the switch box.
3. Remove the cord clamp just below the switch box, and disconnect the air hose from the motor.
4. Remove the cord clamp holding the air hose to the lower frame.
5. Disconnect switch cord from the motor cord.

⚠WARNING Support the saw arm before proceeding with the next step. The saw arm is heavy; use an assistant to install. Failure to comply may cause bodily injury and/or damage to property.

6. Carefully loosen the bolt and nut assembly that holds the saw arm to the saw body and remove. Remove the saw arm.
7. Place the riser block on the saw body, making sure the pins in the body line up with the holes in the riser block. Use a rubber mallet (or hammer and block of wood) to tap down the riser block until it seats evenly upon the saw body. **NOTE:** The direction-indicating arrow on riser block goes to the rear of the machine.
8. Place the saw arm on top of the riser block, making sure the pins and holes line up. Fasten the arm to the riser block assembly by inserting the 5/8" x 8-1/2" bolt with 5/8" washer through the arm, riser block and saw body, and fasten with a 5/8" washer and 5/8" nut. Tighten the nut securely with a 15/16" wrench while holding the bolt stationary with a 1-1/16" wrench.
9. Fasten new blade guard (Item #2, Figure 1) to the saw arm and saw body.
10. Fasten the cord clamp to the top hole in the riser block.
11. Re-attach the air hose to the motor.
12. Loosen the two hex cap screws holding the metal blade guard assembly to the upper blade guide bracket (B, Figure 2). Remove the air hose bracket, and remove the blade guard.
13. Remove the upper blade guide bracket (B, Figure 2) from the guide post (D, Figure 2).
14. Loosen the guide post lock knob (A, Fig. 2). Loosen, but do not remove, the set screw (C, Figure 2) to release tension on the guide post.

NOTE: Behind the set screw is a spring and steel ball. Removal of the set screw may cause loss of the spring and steel ball. Place the new guide post on top of the one to be removed. Make sure v-grooves of both guide posts are lined up. Remove the original by pushing down on top of it with the replacement. Make sure the replacement follows the original smoothly.

IMPORTANT: Removal of the original guide post without the direct replacement of the new guide post will cause the spring and steel ball to fall out of the arm, making replacement more difficult.

15. Tighten set screw (C, Figure 2).

16. Attach the upper blade guide bracket (B, Figure 2) to bottom of new, longer guide post.
17. Fasten the new blade guard assembly (Items #7 thru 11, Figure 1) to the upper blade guide bracket.

NOTE: Always adjust the blade guard assembly to completely cover the blade whenever the guide post height is changed.
18. Attach the air hose bracket to the new blade guard assembly. If needed, take up slack in the lower portions of the air hose so that the nozzle will properly reach the blade guide area.
19. Install the new blade; tension and track the blade; adjust both blade guides; close both blade wheel covers; install table pin and table insert; and connect the bandsaw to the power source. See band saw owner's manual for full details regarding these adjustments.

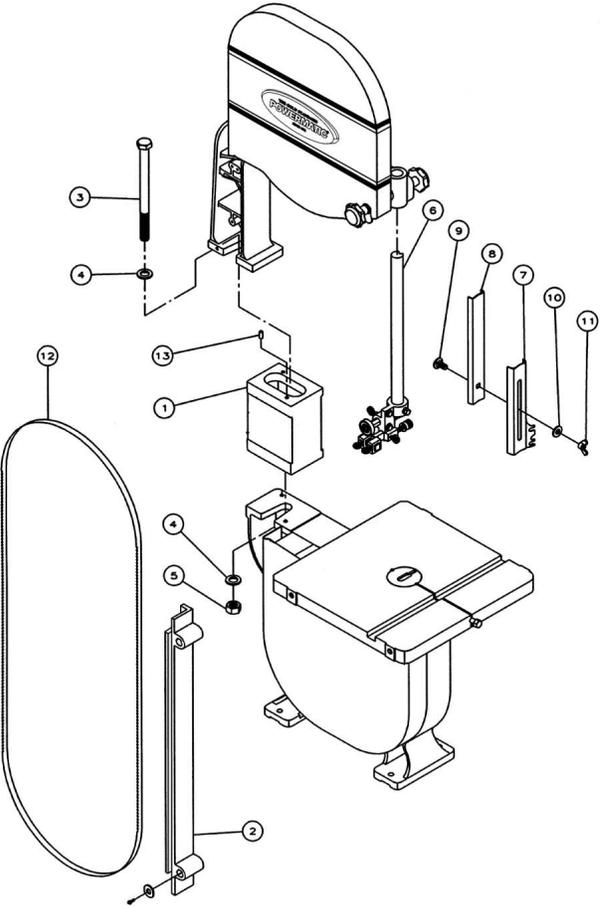


Figure 1

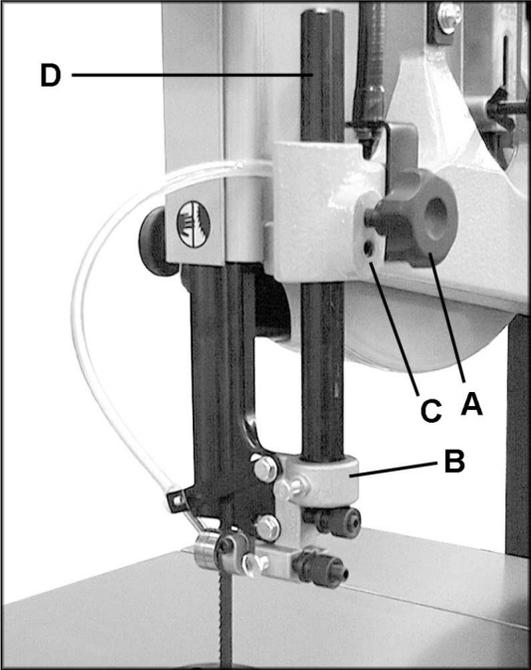


Figure 2

| Index No. | Part No. | Description | Size | Qty |
|-----------|------------|--|-----------------------------|-----|
| | 1791217 | 6" Riser Block Kit (Index no. 1 thru 13) | | |
| 1 | PRB14-101 | Riser Block | | 1 |
| 2 | PRB14-102 | Rear Blade Guard | | 1 |
| 3 | SH608100 | Hex Cap Bolt | 5/8" -11 x 8-1/2" | 1 |
| 4 | TS-0680081 | Flat Washer | 5/8" | 2 |
| 5 | TS-0561071 | Hex Nut | 5/8" | 1 |
| 6 | 199198 | Guide Post | | 1 |
| 7 | PRB14-107 | Upper Wheel Blade Guard (bottom) | | 1 |
| 8 | 199199 | Upper Wheel Blade Guard (top) | | 1 |
| 9 | SC089400 | Carriage Bolt | M8x16 | 1 |
| 10 | TS-1550061 | Washer | M8 | 1 |
| 11 | TS-154306 | Wing Nut | M8 | 1 |
| 12 | 199196 | Blade | 3/8" x 0.020" x 105" (6TPI) | 1 |
| 13 | 150031 | Pin | 5/8" | 2 |