

Resaw Attachment

Safety, Operation, Maintenance, & Parts Manual

RS

rev. K.00

Safety is our #1 concern!

April 1997

Form #262



**WARNING! Read and understand this
manual before using this machine.**

California
Proposition 65 Warning



WARNING: Breathing gas/diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always start and operate the engine in a well-ventilated area.
If in an enclosed area, vent the exhaust to the outside.
Do not modify or tamper with the exhaust system.
Do not idle the engine except as necessary.

For more information go to **www.P65warnings.ca.gov**.



WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

For more information go to **www.P65Warnings.ca.gov/wood**.

Active Patents assigned to Wood-Mizer, LLC

Wood-Mizer, LLC has received patents that protect our inventions which are a result of a dedication to research, innovation, development, and design. Learn more at: woodmizer.com/patents

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SECTION 1 SETUP & OPERATION

With the Wood-Mizer Resaw Attachment Option, you can resaw cants up to 9" (225 mm) thick and 18" (450 mm) wide. The Resaw Attachment mounts to the sawmill bed. The carriage head of the sawmill remains stationary (in a fixed position) while a powered conveyor belt on the attachment feeds cants through the saw blade. The following instructions will guide you in installation, operation, and maintenance of the Resaw Attachment.

See Figure 1-1. The Resaw Attachment includes the following:

- Feed assembly
- Two wiring harnesses
- Two carriage locking clamps

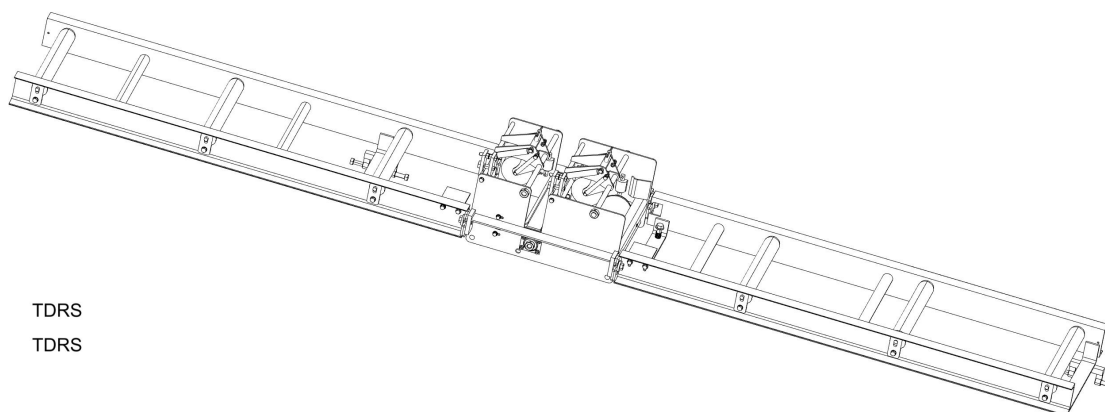


FIG. 1-1

1.1 Pre-Installation

1. Remove the carriage locking clamps from the shafts located across the top of the feed assembly. The clamps will be used later during installation of the Resaw Attachment to the sawmill bed.



WARNING! Before performing any service to the sawmill control box panel, turn the key to the OFF position, disconnect the negative battery lead, and remove all rings, watches, etc.... Failure to do so may cause serious injury and machine damage.

2. Raise the cutting head. Remove the battery/power feed cover. Disconnect the negative lead of the battery.

See Figure 1-2.

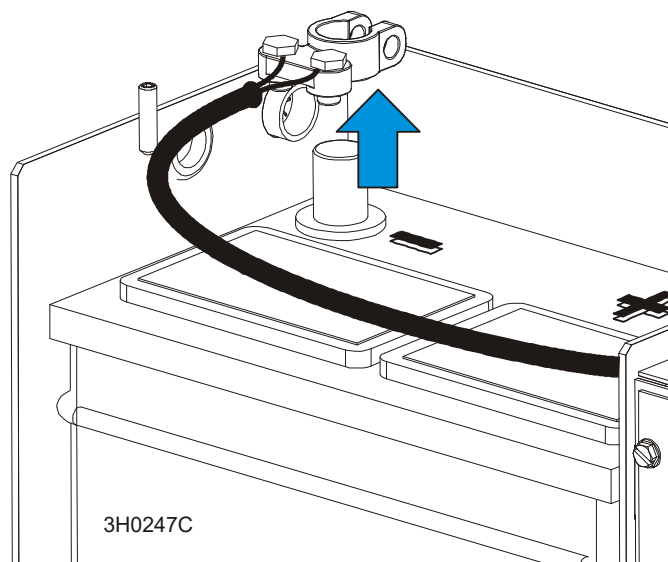




FIG. 1-2

3. Identify the harnesses required for your application.


All Sawmills (except LT28 Rev. A6.02+ and LT35)

								
10" plug harness w/ring terminals	LT15PF Prior to rev B	LT28 Rev. A1.00 - A6.01	LT28 Rev. A6.02+	LT35	'97+ Std. LT30/40	'97+ Super LT30/40/50	'92 - '96 Std. & Super LT30/40	Pre-'92 LT30/40
Connect to:	Feed motor	Feed motor			Feed motor	Feed cable	Feed motor	Feed motor


LT15 with LT15PF rev B and later only

								
10" plug harness w/o terminals	LT15PF After rev B	LT28 Rev. A1.00 - A6.01	LT28 Rev. A6.02+	LT35	'97+ Std. LT30/40	'97+ Super LT30/40/50	'92 - '96 Std. & Super LT30/40	Pre-'92 LT30/40
Connect to:	Feed cable							

LT15, LT28 Rev. A6.02+ and LT35 Only

								
10" plug harness w/o terminals	LT15PF Prior to rev B	LT28 Rev. A1.00 - A6.01	LT28 Rev. A6.02+	LT35	'97+ Std. LT30/40	'97+ Super LT30/40/50	'92 - '96 Std. & Super LT30/40	Pre-'92 LT30/40
Connect to:	Feed control		Feed cable	Feed cable				

All Sawmills (except LT15, LT28 Rev. A6.02+ and LT35)

								
24" plug harness w/ring terminals	LT15	LT28 Rev. A1.00 - A6.01	LT28 Rev. A6.02+	LT35	'97+ Std. LT30/40	'97+ Super LT30/40/50	'92 - '96 Std. & Super LT30/40	Pre-'92 LT30/40
Connect to:		Feed cable			Feed cable	Feed motor	Feed cable	Feed control

SM0356B

1.2 Electrical Installation for '97+ Super Mills

Resaw Revision K



IMPORTANT! This section contains wiring instructions for installing current revision resaws to 1997 and later model LT30 Super, LT40 Super, LT30HD Super, or LT40HD Super mills.

If you have a 1997 or later model LT30, LT40, LT30HD or LT40HD mill or if you have a 1992-1996 model mill, follow the wiring installation instructions found in [Section 1.3 Electrical Installation for '97+ Standard Mills & All '92-'96 Mills](#).

If you have a mill manufactured prior to 1992, following the wiring installation instructions found in [Section 1.4 Electrical Installation for Pre-'92 Mills](#).

4. Locate the two terminal posts on the power feed motor. Remove the existing wires from each terminal. (Set the top retaining nut, top washer, and rubber boot from each connection aside.) Unclamp the wires from the power feed belt guard and route them back through the side of the battery box.
5. Slide one of the existing rubber boots over each wire of the provided long harness.

Connect the black harness wire to the top motor terminal. Connect the red harness wire to the bottom motor terminal. Secure each connection in place with the existing washers and retaining nuts removed earlier. Cover each connection with the rubber boots installed to the wires earlier.

6. Route the long harness along the side of the power feed belt guard, using the existing clamps to secure in place. Connect the long harness to the provided short harness.
7. Route the short harness through the battery box as shown.

1 Setup & Operation

Electrical Installation for '97+ Super Mills

See Figure 1-4.

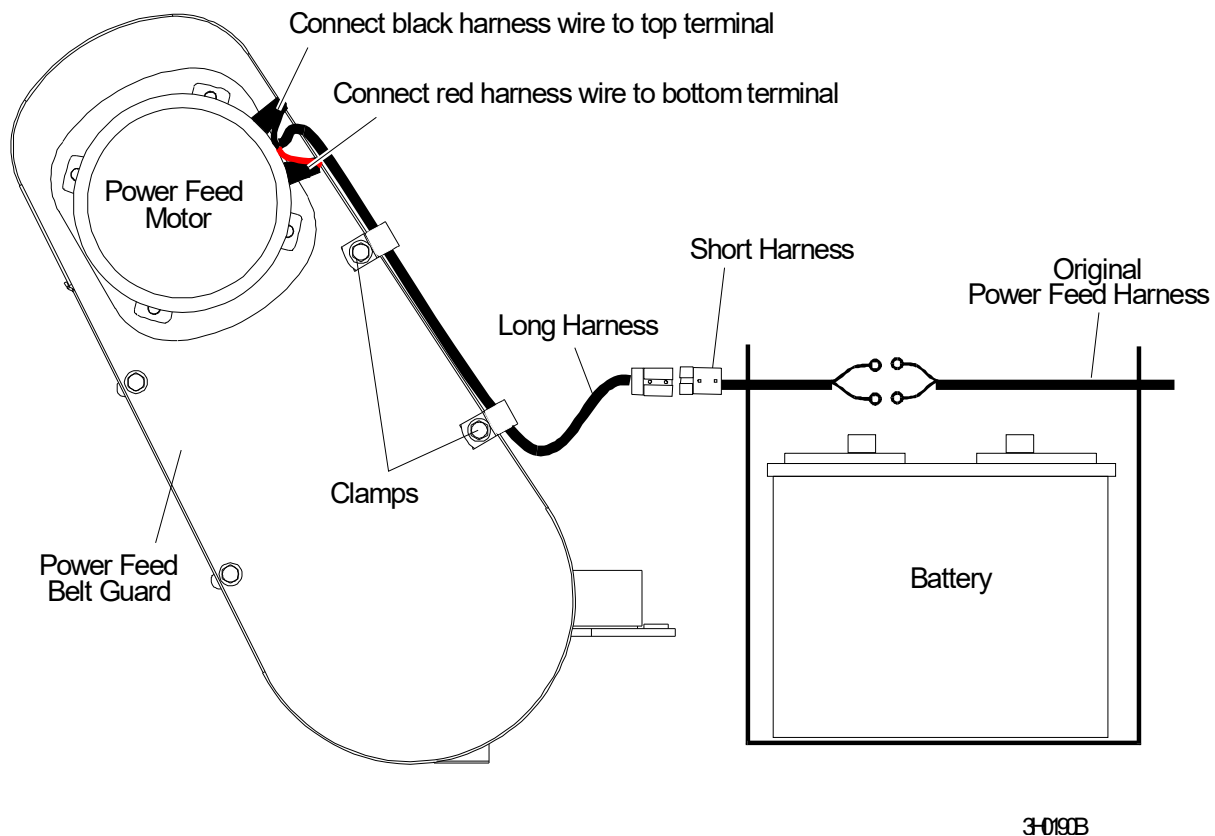


FIG. 1-4

8. Connect the wires that were originally connected to the power feed motor to the short harness with the neoprene tube.

See Figure 1-5. To connect, bundle the two harness wires together with the small tie wrap. Connect the red power feed wire to the red harness wire with a screw and a self-locking nut. Connect the black power feed wire to the black harness wire with a screw and a self-locking nut. Slip one end of the neoprene tube around each wire/harness connection. Secure the tubing around the connections with the large tie wrap.

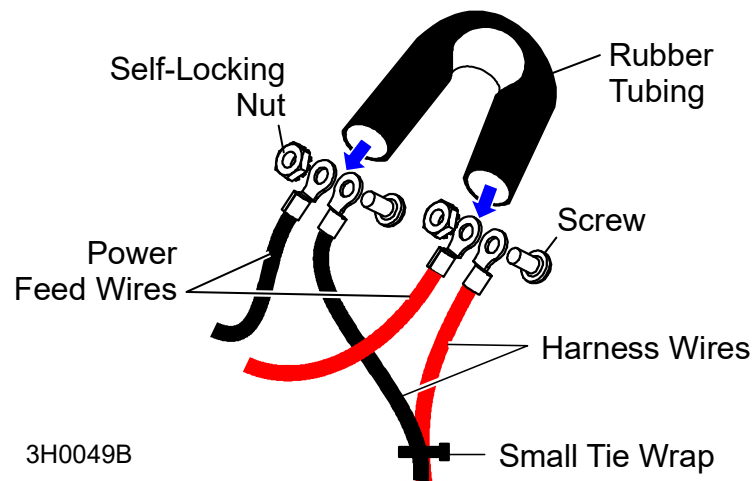


FIG. 1-5

9. Connect the long harness from the power feed motor and the short harness from the battery box. Replace the negative battery lead and check that the power feed operates normally with the control panel. **NOTE:** To operate the Resaw Attachment, disconnect the harnesses and connect the harness from the Resaw Attachment to the battery box harness. Use the CARRIAGE switch and FEED RATE dial on the control panel to operate the Resaw Attachment.
10. Replace the battery/power feed cover.

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.3 Electrical Installation for '97+ Standard Mills & All '92-'96 Mills

Resaw Revision K



IMPORTANT! This section contains wiring instructions for installing current revision resaws to 1997 and later model LT30, LT40, LT30HD, or LT40HD mills and 1992-1996 model mills.

If you have a 1997 or later model LT30 Super, LT40 Super, LT30HD Super or LT40HD Super mill, follow the wiring installation instructions found in [Section 1.2 Electrical Installation for '97+ Super Mills](#).

If you have a mill manufactured prior to 1992, following the wiring installation instructions found in [Section 1.4 Electrical Installation for Pre-'92 Mills](#).

1. Remove the pulley from the power feed motor shaft. Unbolt and remove the power feed motor from the motor mount. If you have a .5 HP motor originally supplied before July 1996, remove the two screws that hold the motor end cap to the motor and remove the cap. Newer motors do not have end caps covering the terminal posts.

See Figure 1-6.

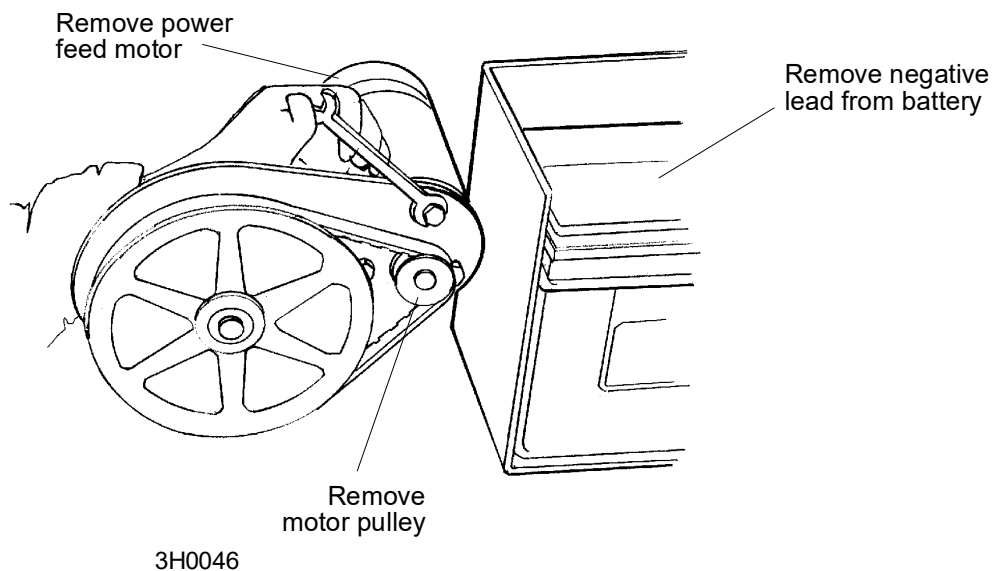


FIG. 1-6

2. Note how the red and black wires are connected to the motor terminals. Remove the retaining nut and wires from each terminal. If applicable, pull the wires out of the motor end cap grommet. Route the wires back through the side of the battery box.
3. If applicable, place the short harness cable through the motor end cap grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet. Connect the red harness wire to motor terminal where the old red wire was connected. Connect the black harness wire to the other motor terminal. Secure the wires so the ring terminals will not contact the motor housing or the motor end cap and replace the terminal nuts.

See Figure 1-7.

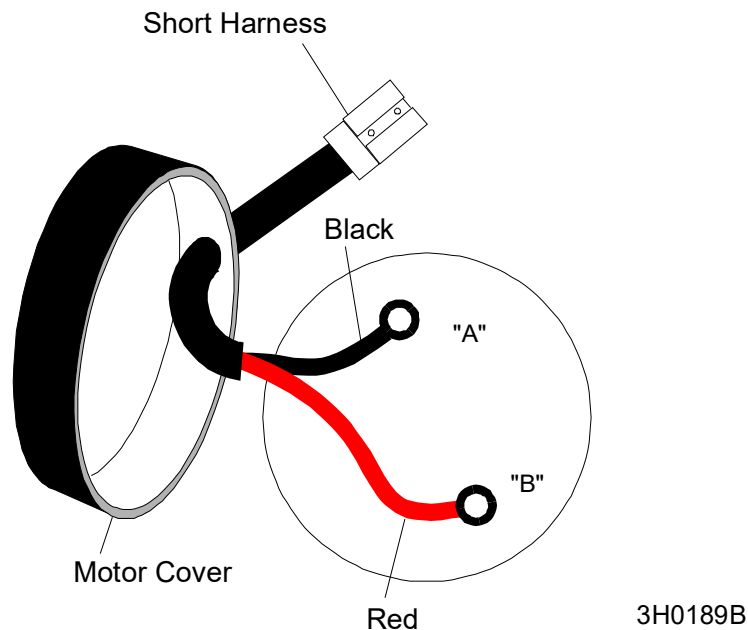


FIG. 1-7

4. If applicable, position the harness at the top left of the motor and replace the motor end cap and screws. Rebolt the power feed motor and replace the pulley and belt guard.

5. Route the long harness through the battery box as shown.

See Figure 1-8.

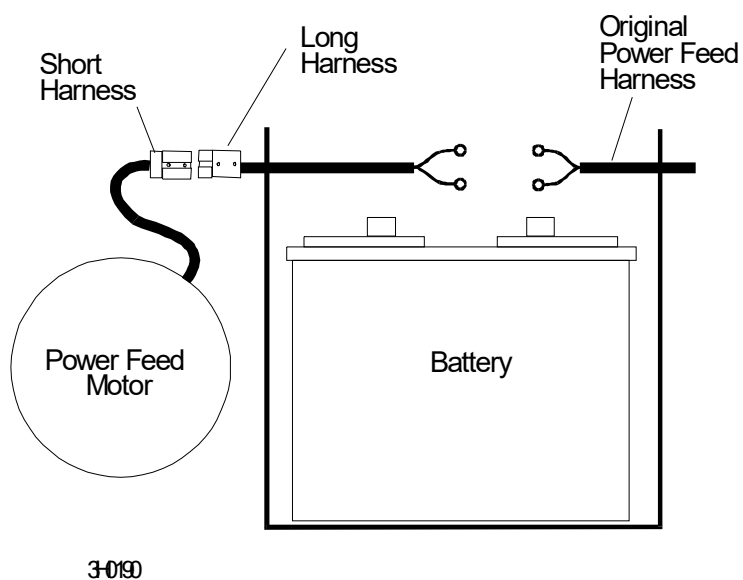


FIG. 1-8

6. Connect the wires that were originally connected to the power feed motor to the long harness with the neoprene tube.

See Figure 1-9. To connect, bundle the two harness wires together with the small tie wrap. Connect the blue power feed wire to the red harness wire with a screw and a self-locking nut. Connect the green power feed wire to the black harness wire with a screw and a self-locking nut. Slip one end of the neoprene tube around each wire/harness connection. Secure the tubing around the connections with the large tie wrap.

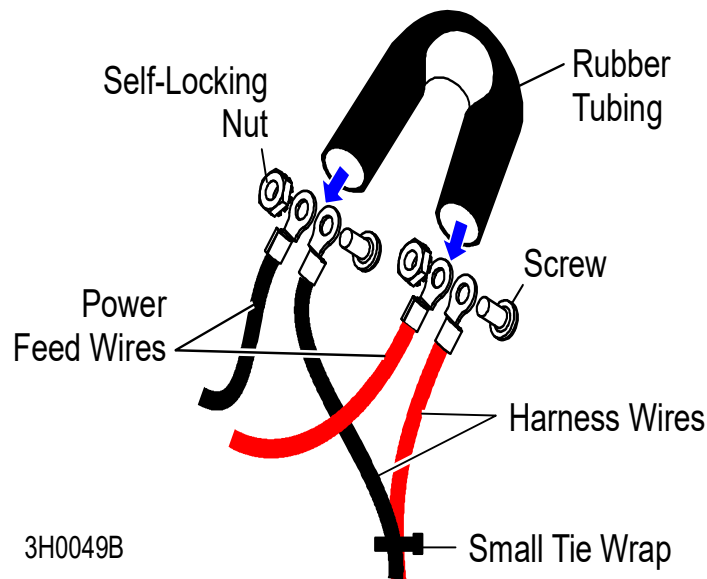


FIG. 1-9

7. Connect the short harness from the power feed motor and the long harness from the battery box. Replace the negative battery lead and check that the power feed operates normally with the control panel. **NOTE:** To operate the Resaw Attachment, disconnect the harnesses and connect the harness from the Resaw Attachment to the battery box harness. Use the CARRIAGE switch and FEED RATE dial on the control panel to operate the Resaw Attachment.
8. Replace the battery/power feed cover.

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.4 Electrical Installation for Pre-'92 Mills

Resaw Revision K



IMPORTANT! This section contains wiring instructions for installing current revision resaws to mills manufactured prior to 1992.

If you have a 1997 or later model LT30 Super, LT40 Super, LT30HD Super or LT40HD Super mill, follow the wiring installation instructions found in [Section 1.2 Electrical Installation for '97+ Super Mills](#).

If you have a 1997 or later model LT30, LT40, LT30HD or LT40HD mill or a 1992-1996 model mill, follow the wiring installation instructions found in [Section 1.3 Electrical Installation for '97+ Standard Mills & All '92-'96 Mills](#).

1. Remove the two screws holding the cover to the power feed motor. Locate the two terminal posts "A" and "B". Remove the retaining nuts from both terminals. Remove all wires from the motor terminals and pull them out through the motor cover grommet.
2. Install the short male harness to the power feed motor. **See Figure 1-7.** Route the harness cable through the motor cover grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet.
3. Connect the red harness wire to motor terminal "B". Connect the black harness wire to motor terminal "A". Replace the terminal nuts being sure the wires are secured in a position so that the ring terminals will not contact the motor cover. Replace the motor cover and screws so that the harness is positioned at the top left of the motor. **See Figure 1-8.**
4. Route the wires that were originally connected to the power feed motor up through the bottom of the control box. Remove the control box cover and connect the motor wires to the long harness with the neoprene tube as described below.
5. Install the long harness through the control box grommet. Use the small tie wrap to bundle the two harness wires together as shown. Connect the blue power feed wire to the red harness wire with a screw and a self-locking nut. Connect the green power feed wire to the black harness wire with a screw and a self-locking nut. Slip the supplied neoprene tube around both wire/harness connections as shown. **See Figure 1-9.** Keeping the tubing folded tight, use a large tie wrap to secure the bundled connection to the yellow, red and brown wire harness in the control box. Tuck the excess length of wires into the left front corner of the control box and replace the control box cover.

6. Connect the short harness from the power feed motor and the long harness from the control box. Use the remaining tie wraps to strap the harnesses together as shown. The power feed should operate normally with the drum switch and control box as before. To operate the Resaw Attachment, disconnect the harnesses and connect the harness from the Resaw Attachment to the control box harness. The drum switch and control box switch will now operate the Resaw Attachment.

See Figure 1-10.

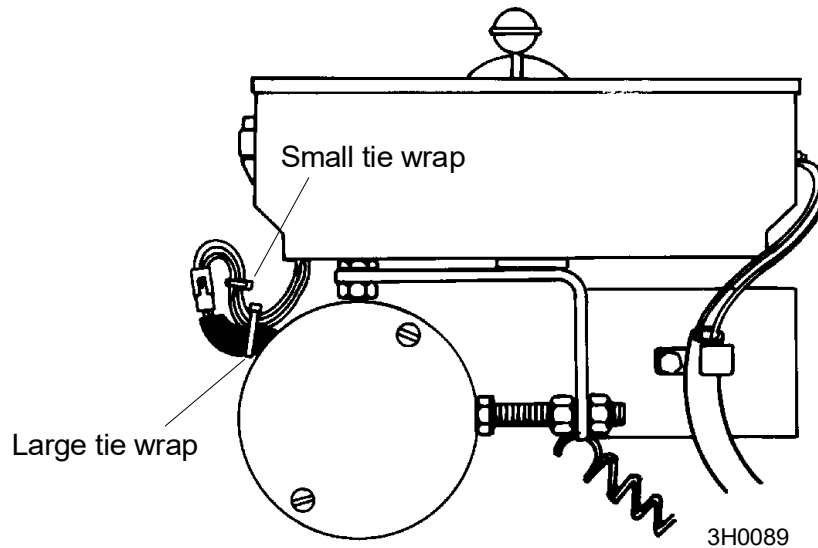


FIG. 1-10

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.5 Electrical Installation for '92+ Mills

Resaw Revision J



IMPORTANT! This section contains wiring instructions for installing revision J resaws to 1992 and later model mills only.

1. Raise the cutting head. Remove the battery/power feed cover and the power feed belt guard. Disconnect the negative lead of the battery. Remove the pulley from the power feed motor shaft. Unbolt and remove the power feed motor from the motor mount. If you have a .5 HP motor originally supplied before July 1996, remove the two screws that hold the motor end cap to the motor and remove the cap. Newer motors do not have end caps covering the terminal posts.

See Figure 1-11.

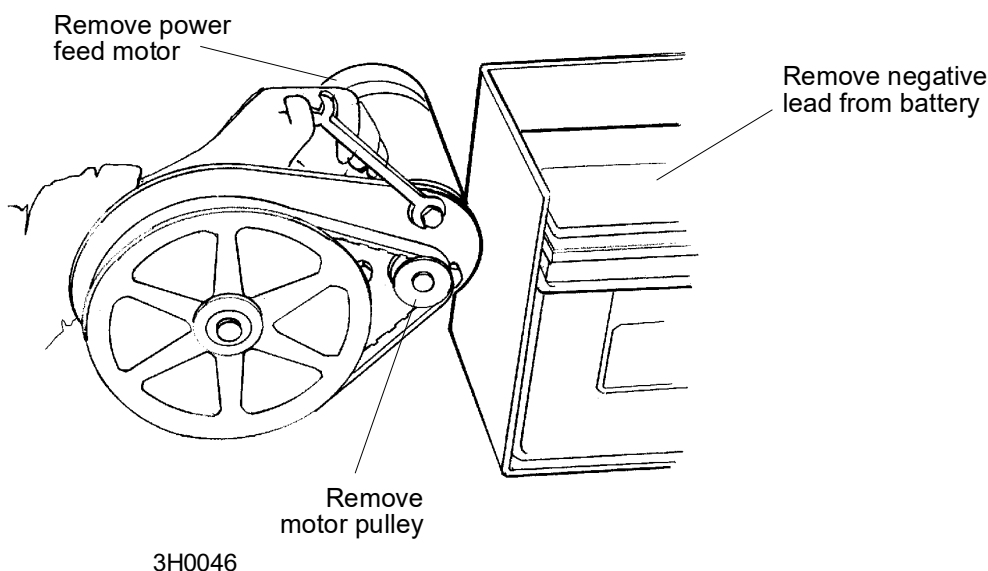


FIG. 1-11

2. Locate the two terminal posts "A" and "B". Remove the retaining nut and wires from each terminal. If applicable, pull the wires out of the motor end cap grommet. Route the wires back through the side of the battery box.

3. If applicable, place the short harness cable through the motor end cap grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet. Connect the black harness wire to motor terminal "B". Connect the white harness wire to motor terminal "A". Secure the wires so the ring terminals will not contact the motor housing or the motor end cap and replace the terminal nuts.

See Figure 1-12.

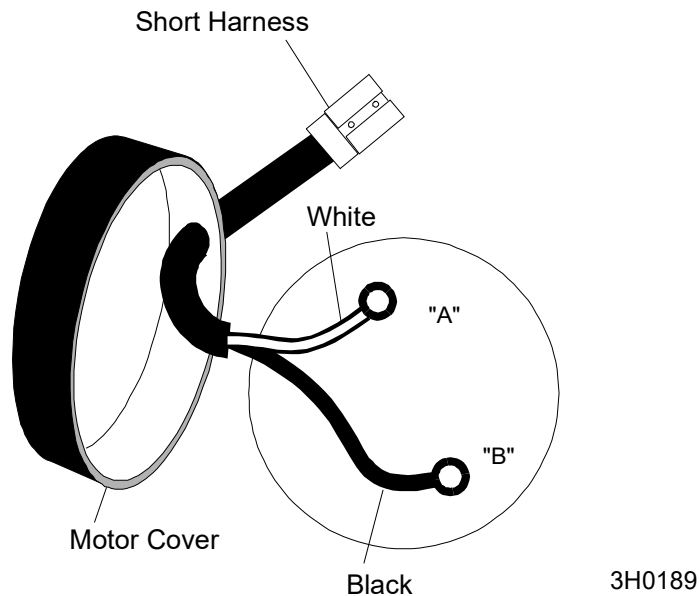


FIG. 1-12

4. If applicable, position the harness at the top left of the motor and replace the motor end cap and screws. Rebolt the power feed motor and replace the pulley and belt guard.

5. Route the long harness through the battery box as shown.

See Figure 1-13.

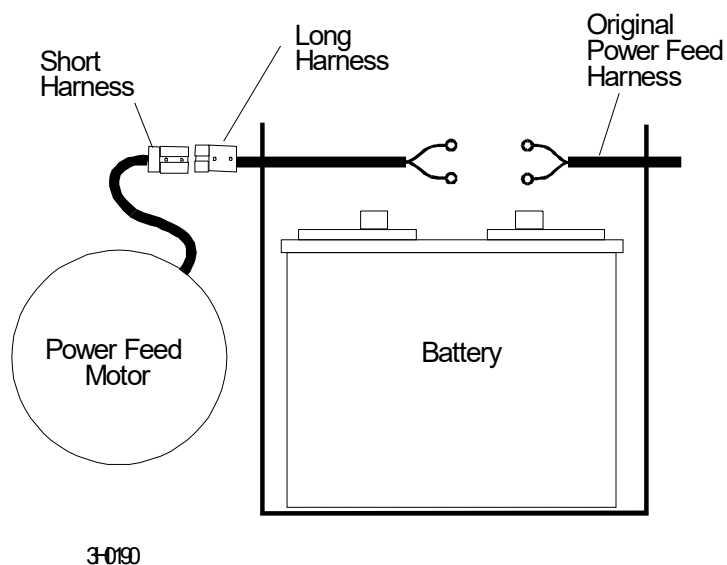


FIG. 1-13

6. Connect the wires that were originally connected to the power feed motor to the Long harness with the neoprene tube.

See Figure 1-14. To connect, bundle the two harness wires together with the small tie wrap. Connect the blue power feed wire to the blue harness wire with a screw and a self-locking nut. Connect the green power feed wire to the green harness wire with a screw and a self-locking nut. Slip one end of the neoprene tube around each wire/harness connection. Secure the tubing around the connections with the large tie wrap.

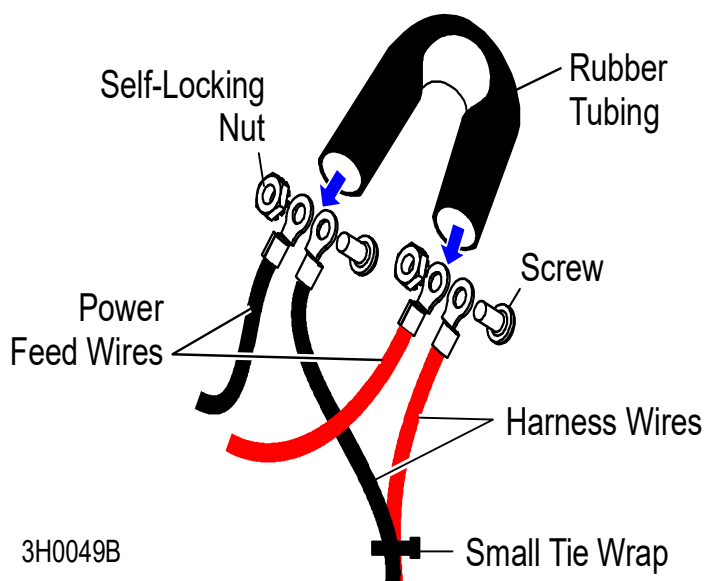


FIG. 1-14

7. Connect the short harness from the power feed motor and the long harness from the battery box. Replace the negative battery lead and check that the power feed operates normally with the control panel. **NOTE:** To operate the Resaw Attachment, disconnect the harnesses and connect the harness from the Resaw Attachment to the battery box harness. Use the CARRIAGE switch and FEED RATE dial on the control panel to operate the Resaw Attachment.
8. Replace the battery/power feed cover.

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.6 Electrical Installation for Pre-'92 Mills

Resaw Revision J



IMPORTANT! This section contains wiring instructions for installing revision J resaws to mills manufactured prior to 1992 only.

1. Remove the two screws holding the cover to the power feed motor. Locate the two terminal posts "A" and "B". Remove the retaining nuts from both terminals. Remove all wires from the motor terminals and pull them out through the motor cover grommet.
2. Install the short male harness to the power feed motor. **See Figure 1-12.** Route the harness cable through the motor cover grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet.
3. Connect the black harness wire to motor terminal "B". Connect the white harness wire to motor terminal "A". Replace the terminal nuts being sure the wires are secured in a position that the ring terminals will not contact the motor cover. Replace the motor cover and screws so that the harness is positioned at the top left of the motor.
4. Route the wires that were originally connected to the power feed motor up through the bottom of the control box. Remove the control box cover and connect the motor wires to the long harness with the neoprene tube as described below.
5. Install the long harness through the control box grommet. Use the small tie wrap to bundle the two harness wires together as shown. Connect the blue and green power feed wires to the respective blue and green harness wires with the screw and self-locking nut provided. Slip the supplied neoprene tube around both wire/harness connections as shown. **See Figure 1-14.** Keeping the tubing folded tight, use a large tie wrap to secure the bundled connection to the yellow, red and brown wire harness in the control box. Tuck the excess length of wires into the left front corner of the control box and replace the control box cover.

6. Connect the short harness from the power feed motor and the long harness from the control box. Use the remaining tie wraps to strap the harnesses together as shown. The power feed should operate normally with the drum switch and control box as before. To operate the Resaw Attachment, disconnect the harnesses and connect the harness from the Resaw Attachment to the control box harness. The drum switch and control box switch will now operate the Resaw Attachment.

See Figure 1-15.

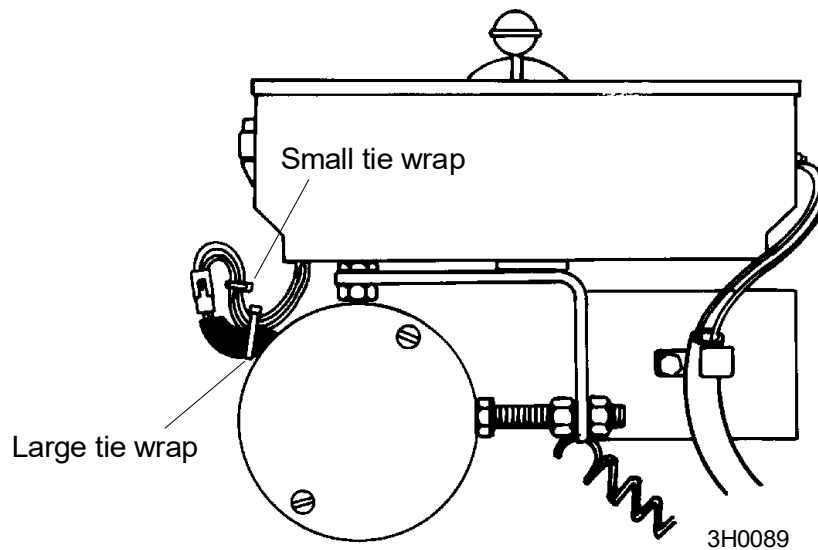


FIG. 1-15

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.7 Electrical Installation for '92+ Mills

Resaw Revision A-H

NOTE: Resaws built before Rev. J are equipped with male/female plug harnesses. If your resaw has been upgraded with generic plug harnesses, [See Page 14](#).



IMPORTANT! This section contains wiring instructions for installing revision A-H resaws to 1992 and later model mills only.

1. Raise the cutting head. Remove the battery/power feed cover and the power feed belt guard. Disconnect the negative lead of the battery. Remove the pulley from the power feed motor shaft. Unbolt and remove the power feed motor from the motor mount. If you have a .5 HP motor originally supplied before July 1996, remove the two screws that hold the motor end cap to the motor and remove the cap. Newer motors do not have end caps covering the terminal posts.

See Figure 1-16.

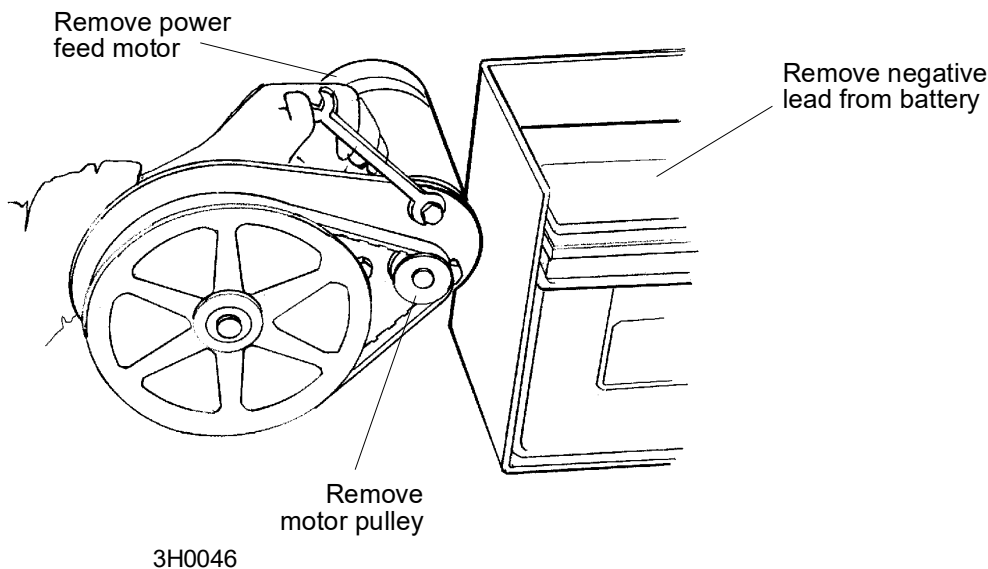


FIG. 1-16

2. Locate the two terminal posts "A" and "B". Remove the retaining nut and wires from each terminal. If applicable, pull the wires out of the motor end cap grommet. Route the wires back through the side of the battery box.

3. If applicable, place the short harness cable through the motor end cap grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet. Connect the black and green harness wires to motor terminal "B". Connect the red and white harness wires to motor terminal "A". Secure the wires so the ring terminals will not contact the motor housing or the motor end cap and replace the terminal nuts.

See Figure 1-17.

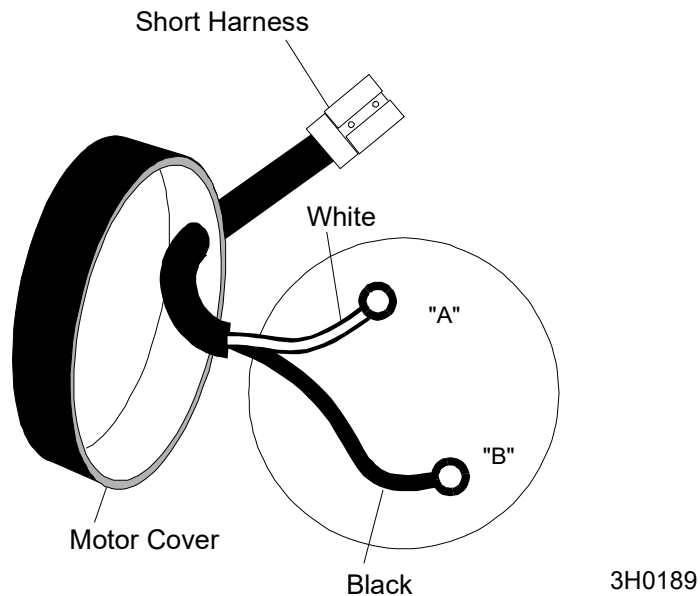


FIG. 1-17

4. If applicable, position the harness at the top left of the motor and replace the motor end cap and screws. Rebolt the power feed motor and replace the pulley and belt guard.

5. Route the female harness through the battery box as shown.

See Figure 1-18.

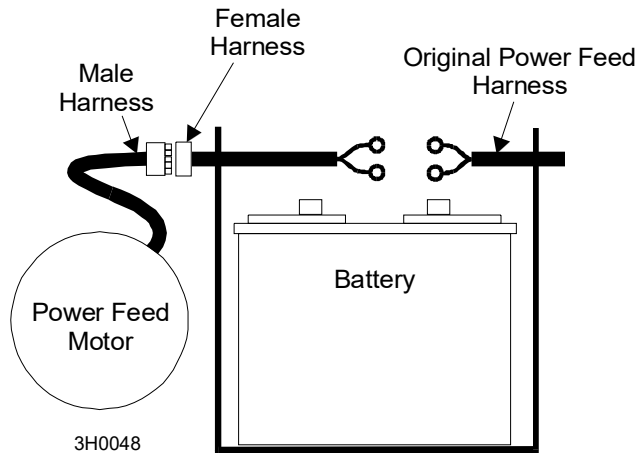


FIG. 1-18

6. Connect the wires that were originally connected to the power feed motor to the female harness with the neoprene tube.

See Figure 1-19. To connect, bundle the four harness wires together with the small tie wrap. Connect the blue power feed wire to the blue harness wires with a screw and a self-locking nut. Connect the green power feed wire to the green harness wires with a screw and a self-locking nut. Slip one end of the neoprene tube around each wire/harness connection. Secure the tubing around the connections with the large tie wrap.

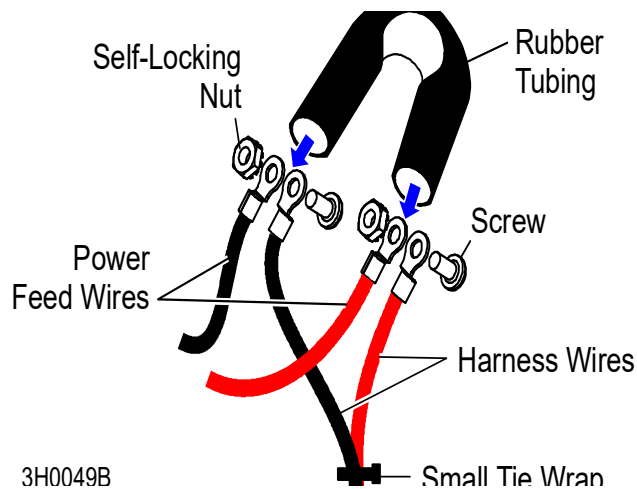


FIG. 1-19

7. Apply contact grease to all three harness plugs. (These include the male harness from the power feed motor, the male harness from the Resaw Attachment, and the female harness from the battery box.) Use a cotton swab to coat each plug with a light amount of grease. Use only contact grease supplied by Wood-Mizer



CAUTION! Do not over-grease. The grease is conductive. Over-greasing will cause the contacts to short.

8. Connect the male harness from the power feed motor and the female harness from the battery box. Replace the negative battery lead and check that the power feed operates normally with the control panel. **NOTE:** To operate the Resaw Attachment, disconnect the harnesses and connect the male harness from the Resaw Attachment to the female battery box harness. Use the CARRIAGE switch and FEED RATE dial on the control panel to operate the Resaw Attachment.
9. Replace the battery/power feed cover.

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.8 Electrical Installation for Pre-'92 Mills

Resaw Revision A-H

NOTE: Resaws built before Rev. J are equipped with male/female plug harnesses. If your resaw has been upgraded with generic plug harnesses, [See Page 18](#).



IMPORTANT! This section contains wiring instructions for installing revision A-H resaws to mills manufactured prior to 1992 only.

1. Remove the two screws holding the cover to the power feed motor. Locate the two terminal posts "A" and "B". Remove the retaining nuts from both terminals. Remove all wires from the motor terminals and pull them out through the motor cover grommet.
2. Install the short male harness to the power feed motor. **See Figure 1-17**. Route the harness cable through the motor cover grommet. **NOTE:** A lubricant may be necessary to fit the harness through the grommet.
3. Connect the black and green harness wires to motor terminal "B". Connect the red and white harness wires to motor terminal "A". Replace the terminal nuts being sure the wires are secured in a position that the ring terminals will not contact the motor cover. Replace the motor cover and screws so that the harness is positioned at the top left of the motor.
4. Apply the provided contact grease to all three harness plugs. Use a cotton swab to coat each contact with a light amount of grease. The grease is conductive so avoid using so much that it will cause the contacts to short. Keep the plugs greased to prevent moisture and sawdust from entering the plug and deteriorating the contacts.
5. Route the wires that were originally connected to the power feed motor up through the bottom of the control box. Remove the control box cover and connect the motor wires to the female harness with the neoprene tube as described below.
6. Install the female harness through the control box grommet. Use the small tie wrap to bundle the four harness wires together as shown. Connect the blue and green power feed wires to the respective blue and green harness wires with the screw and self-locking nut provided. Slip the supplied neoprene tube around both wire/harness connections as shown. **See Figure 1-19**. Keeping the tubing folded tight, use a large tie wrap to secure the bundled connection to the yellow, red and brown wire harness in the control box. Tuck the excess length of wires into the left front corner of the control box and replace the control box cover.

7. Connect the male harness from the power feed motor and the female harness from the control box. Use the remaining tie wraps to strap the harnesses together as shown. The power feed should operate normally with the drum switch and control box as before. To operate the Resaw Attachment, disconnect the harnesses and connect the male harness from the Resaw Attachment to the female control box harness. The drum switch and control box switch will now operate the Resaw Attachment.

See Figure 1-20.

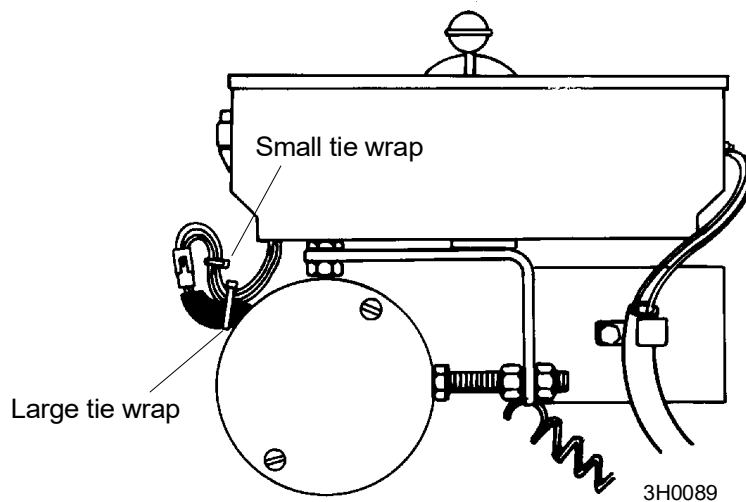


FIG. 1-20

[See Section 1.5](#) to install the Resaw Attachment to the sawmill.

1.5 Resaw Attachment Installation

See Figure 1-11. The two roller table assemblies each have mounting brackets on the bottom.

1. Place the front roller table assembly (the table with the mounting bracket at the end) on the sawmill so that the mounting bracket is above the front bed rail.
2. Place the rear roller table assembly on the sawmill so that the mounting bracket is above the rear bed rail. **NOTE:** If you are working alone, lay a board that is 12" (300 mm) wide and 10' (3 m) long across the bed rails to support the table assemblies while you install the Resaw.
3. Place the feed assembly between both roller table assemblies so that the Resaw motor is toward the main rail of the mill.

4. Slide the U-shaped brackets of each roller table assembly over the bolts at each end of the feed assembly. Make sure the outside edges of the U-shaped brackets are even with the outside edges of the feed assembly brackets and tighten all four bolts.
5. Remove the board (if used) from under the Resaw and locate the mounting brackets on the front and rear bed rails. Slide the Resaw assembly in as close to the inside blade guide as possible. Evenly tighten the mounting bolts around the rear bed rail.
6. Make sure the two support adjustment bolts on the front table assembly do not touch the bed rails. Adjust if necessary. **See Figure 1-11.**

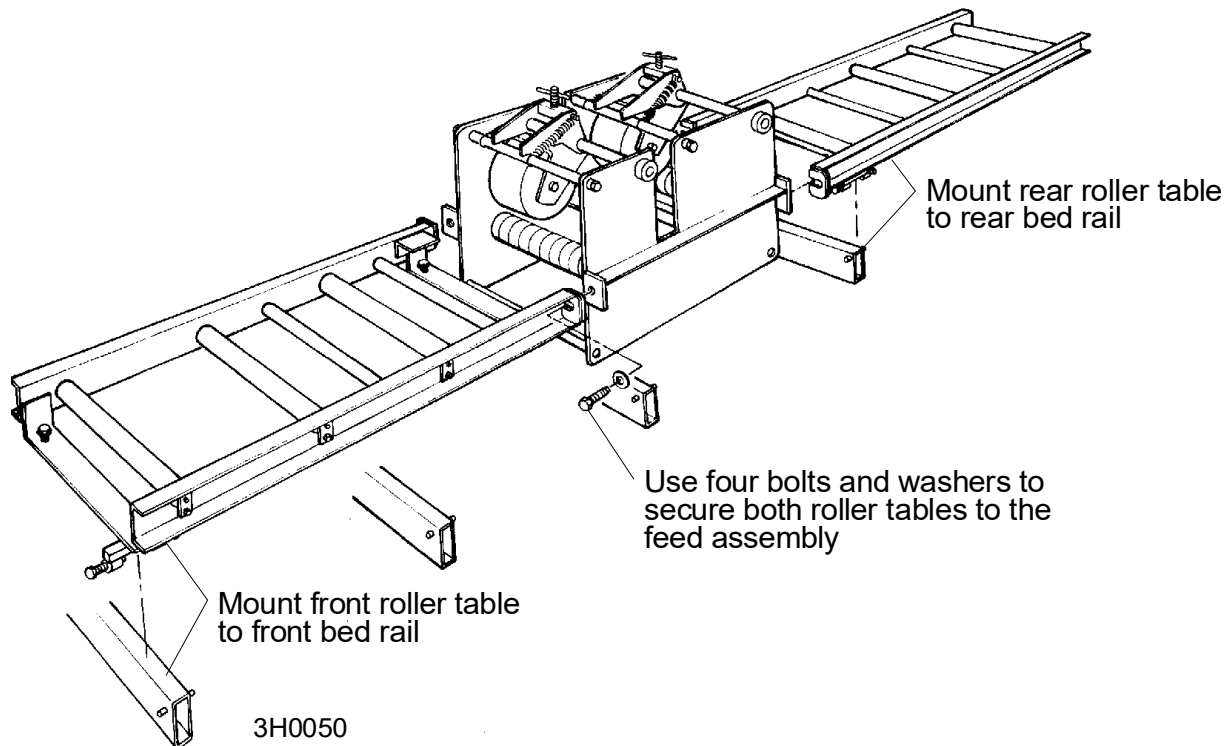


FIG. 1-11

1.6 Resaw Attachment Alignment

To align the Resaw Attachment, complete the following:

- Adjust the frame as necessary
 - Align the rubber feed rollers to the blade
 - Position the throat plate of the feed section below the rubber feed rollers
 - Align the table rollers and feed plates to the blade
1. Sight down the Resaw Attachment frame. If the middle of the frame is lower than the ends, the frame is bowing downward. If the middle of the frame is higher than the ends, the frame is bowing upward. Make the following adjustments to correct bowing.

To correct downward bowing, tighten the inside mounting bolt of the front roller table until the entire frame is level. Once the frame is level, tighten the outside mounting bolt of the front roller table. To correct upward bowing, tighten the outside mounting bolt of the front roller table until the entire frame is level. Once the frame is level, tighten the inside mounting bolt of the front roller table.

See Figure 1-12.

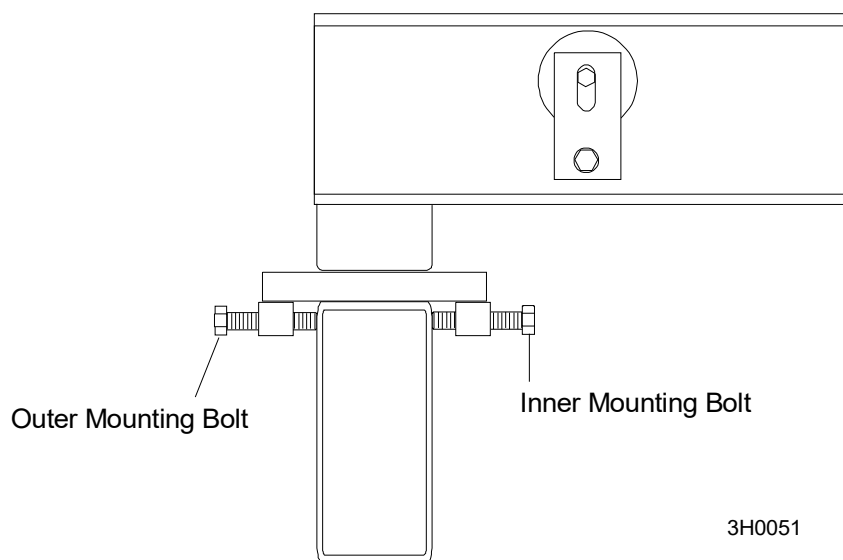


FIG. 1-12

2. Move the blade over one of the rubber feed rollers of the feed assembly section. Measure the distance between the bottom of the blade and the top of each end of the roller.

See Figure 1-13.

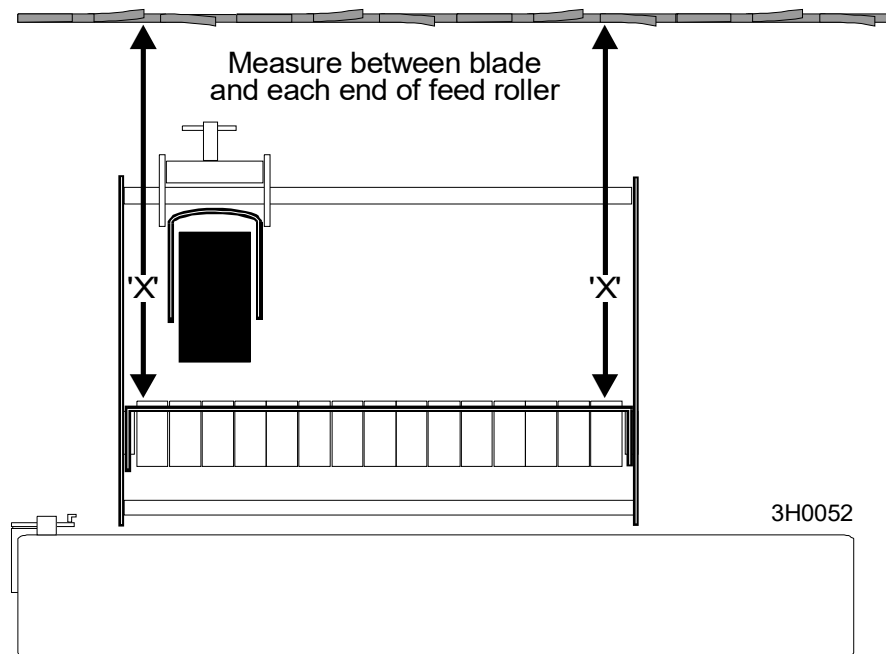


FIG. 1-13

3. The measurements should be the same. If they are not, fine tune the tilt adjustment bolts at the end of the roller tables.

See Figure 1-14.

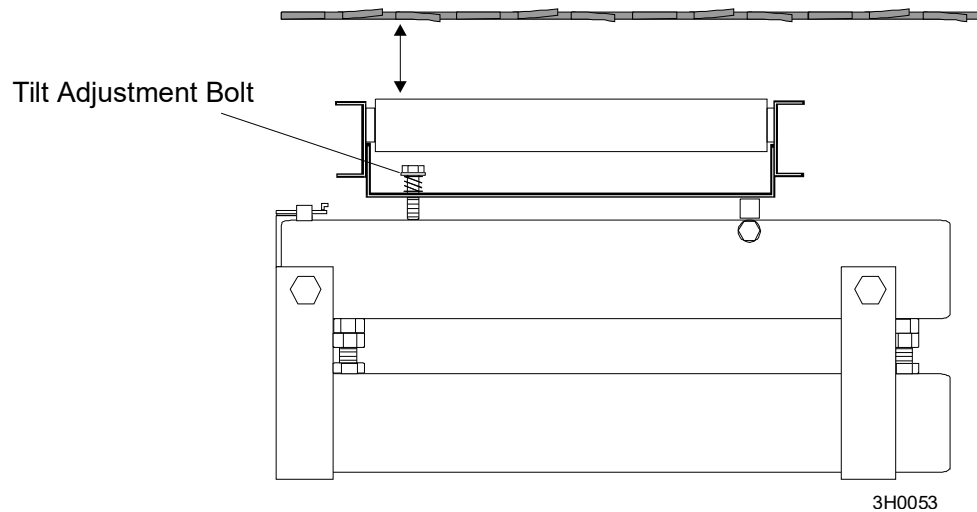


FIG. 1-14

4. Now the rubber feed rollers are aligned to the blade. Evenly adjust the support adjustment bolts on the front feed roller table until they touch the log deck.

5. Adjust the steel throat plate $1/32$ - $1/16$ " (0.8-1.6 mm) below the top of the rubber rollers. Loosen the plate mounting bolts, adjust the plate up or down, then retighten the bolts.

See Figure 1-15.

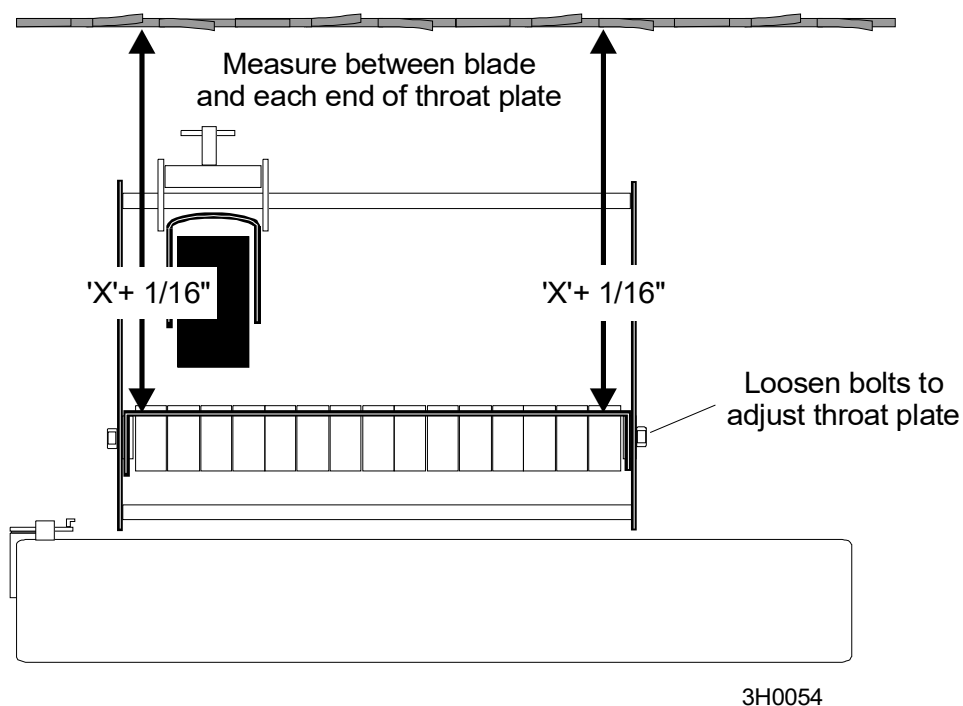


FIG. 1-15

6. Move the blade over one of the table rollers and measure the distance between the bottom of the blade and the top of each end of the roller. Use the eccentric washers to adjust the roller as necessary so it is $1/32$ - $1/16$ " below the top of the rubber feed rollers. Loosen the clamping bolt, turn the eccentric washer, then retighten the clamping bolt. Repeat for each table roller.

See Figure 1-16.

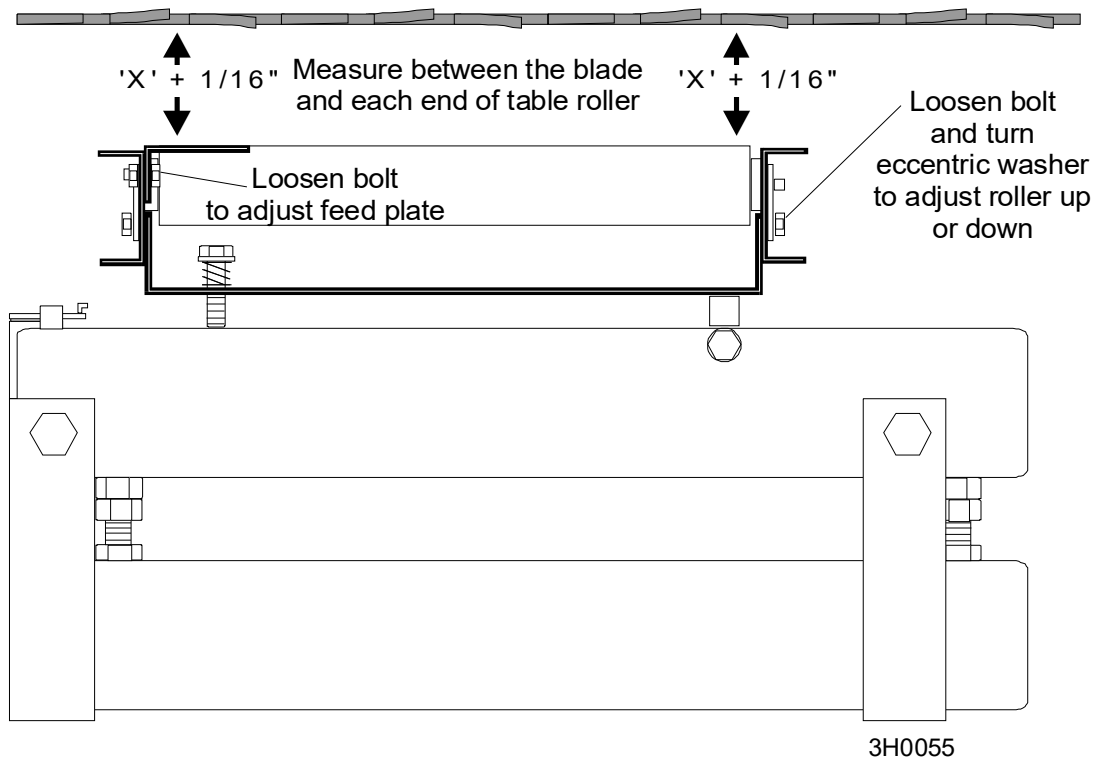


FIG. 1-16

7. Adjust the two feed plates so they are the same height as the table rollers. Loosen the two adjustment bolts, move the plates up and down as needed, then retighten the bolts.

1.7 Resaw Attachment Setup

1. Move the blade above the slot of the feed assembly section. Open the blade guide arm as far as possible and lower the blade to about 1" above the throat plate. Move the blade guide arm back in as far as possible.

See Figure 1-17.

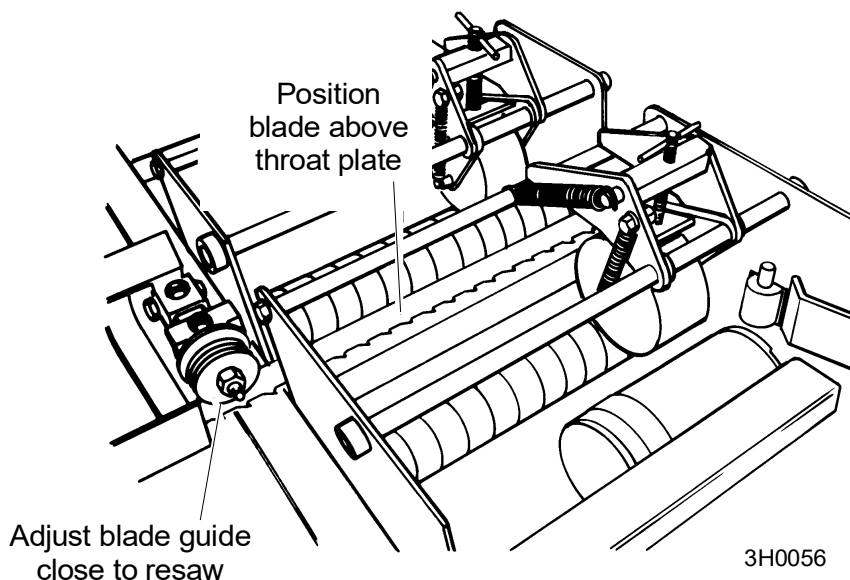


FIG. 1-17

2. Disconnect the male harness from the power feed motor and the female harness from the battery box. Reconnect the male harness from the Resaw Attachment to the female harness. Turn the Key switch to the ACC position. Throw the Carriage switch forward. Adjust the Feed Rate dial up above 0.

The rollers should now be turning so that if a board was fed from the rear of the saw, the rollers would push it into the teeth of the blade toward the front of the saw. If the Resaw Attachment does not operate properly, recheck the wiring installation.

3. Lock the cutting head into position with the clamps provided. Place one of the clamps on the top track rod at the back side of the mast. Place the other clamp on the bottom track rod at the front side of the mast.

See Figure 1-18.

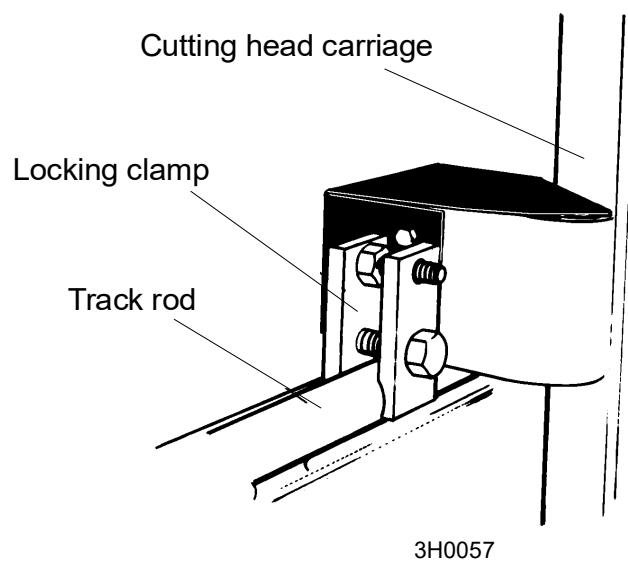


FIG. 1-18

4. Raise or lower the cutting head until the blade is positioned above the rollers at the thickness you want to cut.

5. Slide the hold-down rollers in or out as necessary so they are centered for the width of the cants you will be cutting. Adjust the rollers to firmly clamp the cants as they pass through the feed assembly section. Turn the threaded handle on top of the rollers clockwise to move the rollers down. Turn the handle counterclockwise to move the rollers up.

See Figure 1-19.

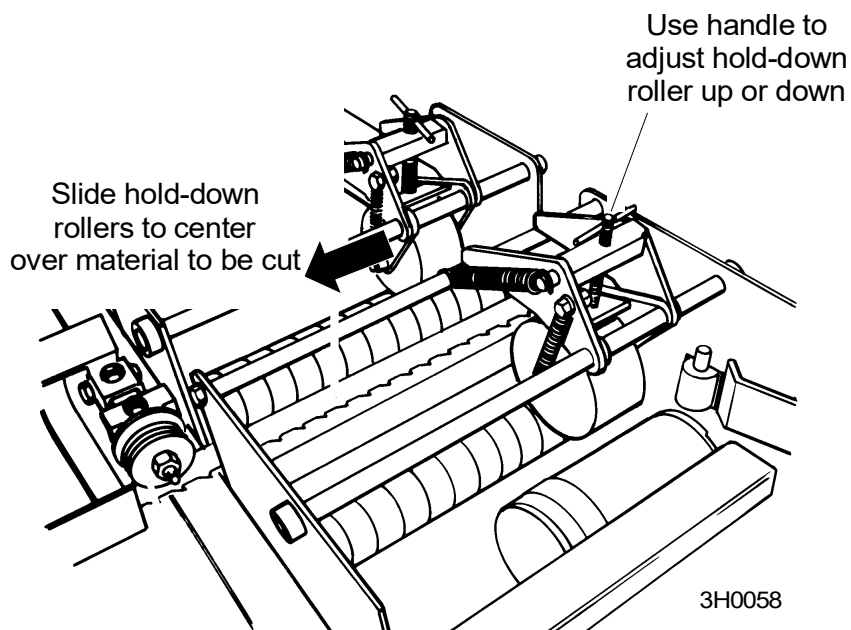


FIG. 1-19

1.11 Resaw Attachment Operation

Resawing Boards/Siding

1. To set the Resaw for tapered sawing (as for siding), remove the tilt adjustment locking bolts and lock nuts located on the side of the Resaw frame. Lift the side of the Resaw until the holes for the desired taper are aligned. Each hole is equal to 2° of taper. Replace the locking bolts and secure with the lock nuts.

See Figure 1-25.

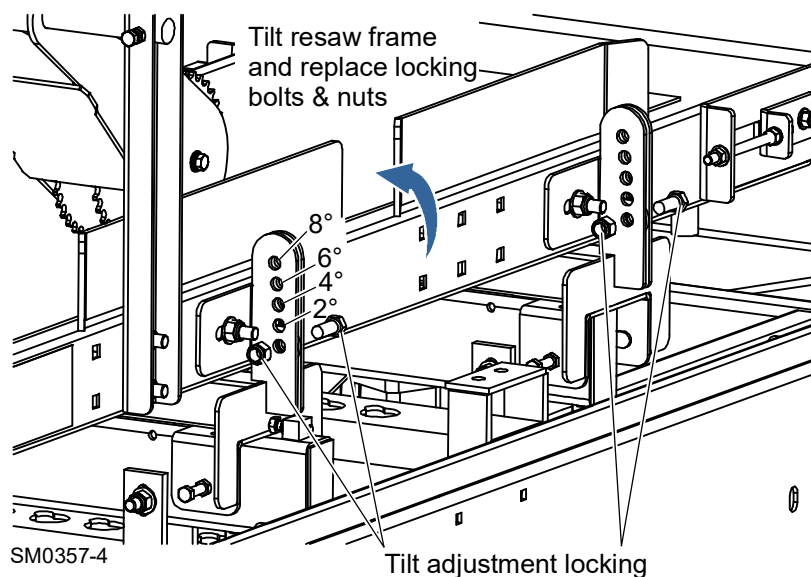


FIG. 1-25

2. Raise or lower the saw head until the blade is set for the thickness you want to saw. Measure from the bottom of the blade to the feed belt.
3. If necessary, loosen the set screw on the hold-down roller pivot and adjust the roller so it is positioned roughly centered on the material to be sawn.



DANGER! Always be sure the blade is disengaged and all persons are out of the path of the blade before starting the motor. Failure to do so will result in serious injury.

DANGER! Always keep hands away from moving bandsaw blade. Failure to do so will result in serious injury.

DANGER! Always be aware of and take proper protective measures against rotating shafts, pulleys, fans, etc. Always stay a safe distance from rotating members and make sure that loose clothing or long hair does not engage rotating members resulting in possible injury.



WARNING! Secure all loose clothing and jewelry before operating this machine. Failure to do so may result in serious injury or death.

WARNING! Always wear eye, ear, respiration, and foot protection when operating or servicing this machine.

4. Adjust the FEED RATE dial all the way down. Start the engine and engage the blade. Place the Carriage switch in the FORWARD position and adjust the FEED RATE dial until the belt moves at the desired speed.
5. Feed the first board into the Resaw. When the blade starts to cut the board, turn the Feed Rate dial all the way down to stop the feed, return the Carriage switch to NEUTRAL, disengage the blade and pull the board out. Check the thickness of the cut and make any needed adjustments.

NOTE: Feed rate is affected by the species and the width of the board being cut. The sharpness, set of the blade, and the available horsepower of your engine also will affect the feed rate. If the engine continually "bogs" down, or if the quality of the cuts you are making gets continually worse, adjust the feed rate or change the blade.

NOTE: Inspect each board or cant to see if it is cupped or bowed before feeding into the Resaw. Cupped boards should be fed with the cupped edges down. Boards that are bowed through their length should be fed so the ends bow upward.

6. Readjust the Feed Rate dial so the belt moves at the desired speed. Continue feeding boards, one at a time, until resawing is complete. When you are done resawing, disengage the blade. Return the Carriage switch to NEUTRAL and turn the FEED RATE dial all the way down. Stop the engine. Raise the blade out of the Resaw.
7. If you wish to return to normal sawing on the sawmill, disconnect the Resaw motor harness from battery harness. Connect the sawmill feed motor harness to the battery harness. Unclamp the cutting head and move it to the front of the mill. Loosen the mounting bolts at the front and rear bed rails. Remove the Resaw from the bed of the mill.

Resawing Shingles

1. Install the shingle belt and stop plate as described on [page 1-28](#).
2. Use the sawmill carriage feed switch and feed rate dial to start the resaw shingle belt. Stop the belt to position a set of cleats in front of the shingle stop plate. Remove the key from the sawmill control key switch.
3. Place a stack of shingle blocks (two shingles thick, at least 18" and no more than 20" long) on the belt with the front of the blocks sitting on the tapered cleat. The rear end of the blocks should sit flat on the belt.
4. Adjust the shingle stop plate to approximately 1/4" above the bottom shingle block. Tighten the shingle stop plate mounting bolts.

See Figure 1-26.

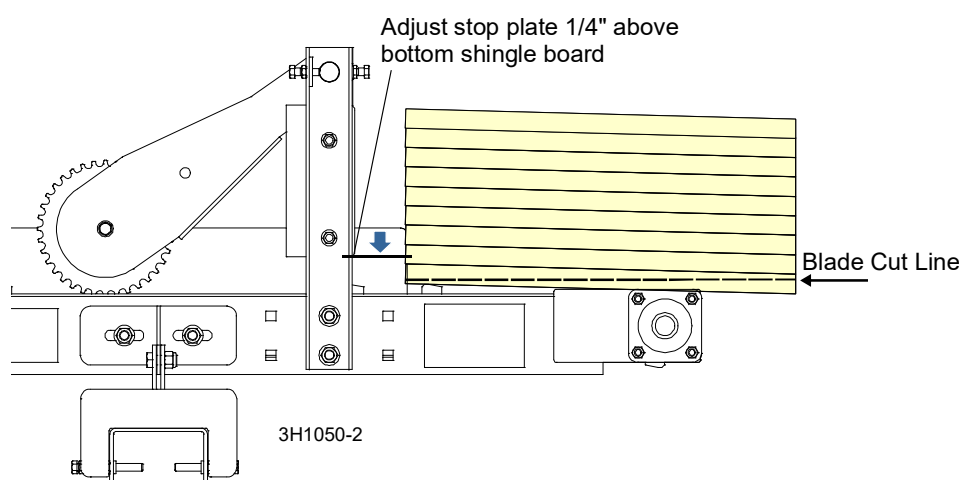


FIG. 1-26

5. Use the up/down switch to position the blade to cut the shingle blocks in half.



DANGER! Always be sure the blade is disengaged and all persons are out of the path of the blade before starting the motor. Failure to do so will result in serious injury.

DANGER! Always keep hands away from moving bandsaw blade. Failure to do so will result in serious injury.

DANGER! Always be aware of and take proper protective measures against rotating shafts, pulleys, fans, etc. Always stay a safe distance from rotating members and make sure that loose clothing or long hair does not engage rotating members resulting in possible injury.



WARNING! Secure all loose clothing and jewelry before operating this machine. Failure to do so may result in serious injury or death.

WARNING! Always wear eye, ear, respiration, and foot protection when operating or servicing this machine.

6. Adjust the FEED RATE dial all the way down. Start the engine and engage the blade. Place the Carriage switch in the FORWARD position and adjust the FEED RATE dial until the belt moves at the desired speed.
7. Feed the first board into the Resaw. As the belt rotates, the bottom shingle block should pass under the stop plate and into the blade. When the blade starts to cut the board, turn the Feed Rate dial all the way down to stop the feed, return the Carriage switch to NEUTRAL, disengage the blade and pull the board out. Check the thickness of the cut and make any needed adjustments.
8. Place the block on top of the shingle board stack. Engage the blade and start the feed belt. The resaw will feed each shingle block through the blade. Add more shingle blocks to the stack as the stack gets shorter.

1.12 Resaw Attachment Maintenance



WARNING! Before performing service near moving parts such as blades, pulleys, motors, belts and chains, first turn the key switch to the OFF (#0) position and remove the key. If the key is turned on and moving parts activated, serious injury may result.

Little maintenance is required to keep the Resaw working properly.

1. Replace the rubber rollers as necessary. Each roller includes several rubber rollers around a shaft. To replace, remove the shaft mounting bolts. Remove any damaged or worn rubber rollers and replace with new ones.

NOTE: If you resaw the same width boards all the time, only the rubber rollers from one end of the shaft will wear. When these wear, switch them with the unworn rubber rollers from the other end of the shaft.

2. **Resaws equipped with male/female plug harnesses only:** Keep wiring harness plugs greased to prevent sawdust from entering them. Use only contact grease supplied by Wood-Mizer (Part No. A20463).

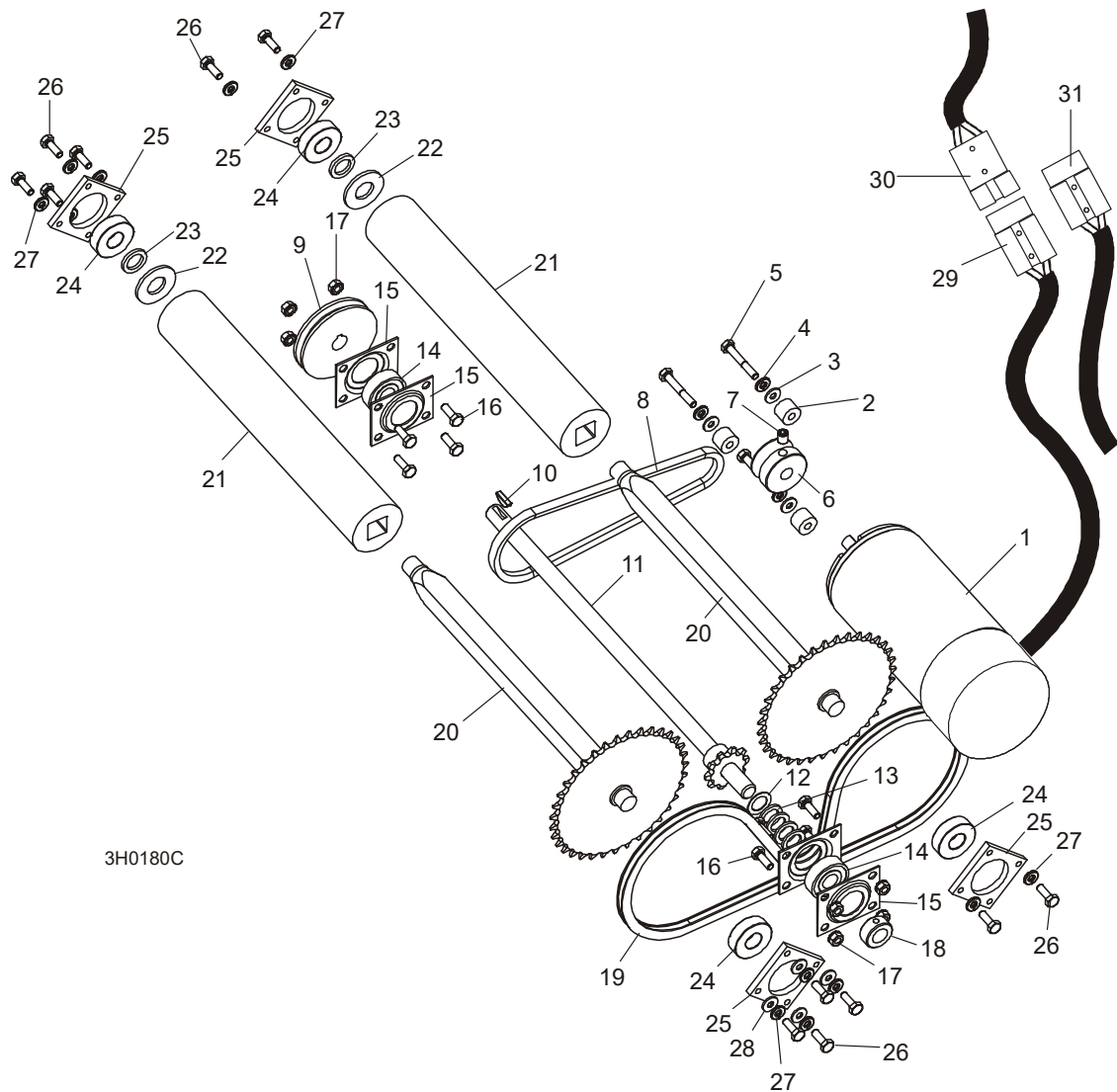


CAUTION! Do not over-grease. The grease is conductive. Over-greasing will cause the contacts to short.

3. Clean the feed chain and lubricate with Dexron III ATF.
4. Adjust the feed belt as necessary. To adjust, loosen the motor mount bolts and slide the motor until the belt is tensioned as desired.

SECTION 2 REPLACEMENT PARTS

2.1 Resaw Drive Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	MOTOR, POWER FEED	014359 ¹	1	
	Brush Kit, Power Feed Motor (2007)	006619 ¹	1	
	Brush Kit, Power Feed Motor	A09086 ¹	1	
	Brush Holder, Motor	034000 ¹	1	◆
	BOOT, TERMINAL	P03807	2	
2	SPACER, RESAW MOTOR	S08856	3	

3	WASHER, 1/4" SAE FLAT	F05011-11	3	
4	WASHER, 1/4" SPLIT LOCK	F05011-14	3	
5	BOLT, 1/4-20 X 1 3/4" HEX HEAD GRADE 2	F05005-4	3	
6	PULLEY, POWER FEED MOTOR	S09579 ²	1	
7	SCREW, 3/8-16 X 1/2" CUP POINT SOCKET	F05007-12	1	
8	BELT, 3L230 V	P08846	1	
9	PULLEY, OK30 5/8" BORE	P08845	1	
10	KEY, #606 WOODRUFF	P04101-1	1	
11	SHAFT WELDMENT, RESAW DRIVE WITH SPROCKET	W08808	1	
12	WASHER, POWER FEED	S09090	1	
13	WASHER, 5/8" I.D. X .100 THICK NYLON	F05011-19	4	
14	BEARING, 5/8" 6203-2NSL	P06030-1	2	
15	PLATE, BEARING RETAINER	S08842	4	
16	BOLT, 1/4-20 X 3/4" HEX HEAD FULL THREAD	F05005-1	8	
17	NUT, 1/4-20 HEX SELF-LOCKING	F05010-9	8	
18	COLLAR, 5/8" I.D.	P05035	1	
19	CHAIN, #41 X 39 1/2" RESAW	P08855	1	
	LINK, #41 MASTER	P04176	1	
	SHAFT ASSEMBLY, ROLLER	A08804	2	
	Shaft Assembly, Resaw Roller	A08901	1	
20	Shaft, Resaw Roller with Sprocket	W08805	1	◆
21	Roller, Resaw Rubber Turned	P12699	1	◆
22	Washer, .76In ID x 1.63In OD	S08863	1	
23	Washer, .68In ID x 1In OD	S08864	1	
24	Bearing, 17mm 6203-2NSL	P06030-2	2	
25	PLATE, BEARING RETAINER BLOCK	S08859	4	
26	BOLT, 1/4-20 X 3/4" HEX HEAD FULL THREAD	F05005-1	12	
27	WASHER, 1/4" SPLIT LOCK	F05011-14	12	
28	WASHER, 1/4" SAE FLAT	F05011-11	8	
	HARNESS KIT, RESAW COMPLETE	008905 ³	1	
29	Harness, Resaw Power Generic Plug	008902 ⁴	1	
	Harness Kit, Resaw Feed/Control Generic Plug	008906 ⁵	1	
30	Harness, Power Feed Motor Generic Plug	008903 ⁴	1	◆
31	Harness, Power Feed Control Generic Plug	008904 ⁴	1	◆

¹ Replaces .49HP motor assembly A07974. Motor 014359 changed by vendor 7/07. Use brush kit A09086 for original motor supplied prior to 7/07. Use brush kit 006619 for newer motor (identified by red & black motor terminal spacers). Brush Holder 034000 applies only to old motor and is no longer available (vendor discontinued 3/09).

² Replaces S09579-W originally supplied (part number change only).

³ Replaces Harness Kit A08881 originally supplied on Rev. A - H.

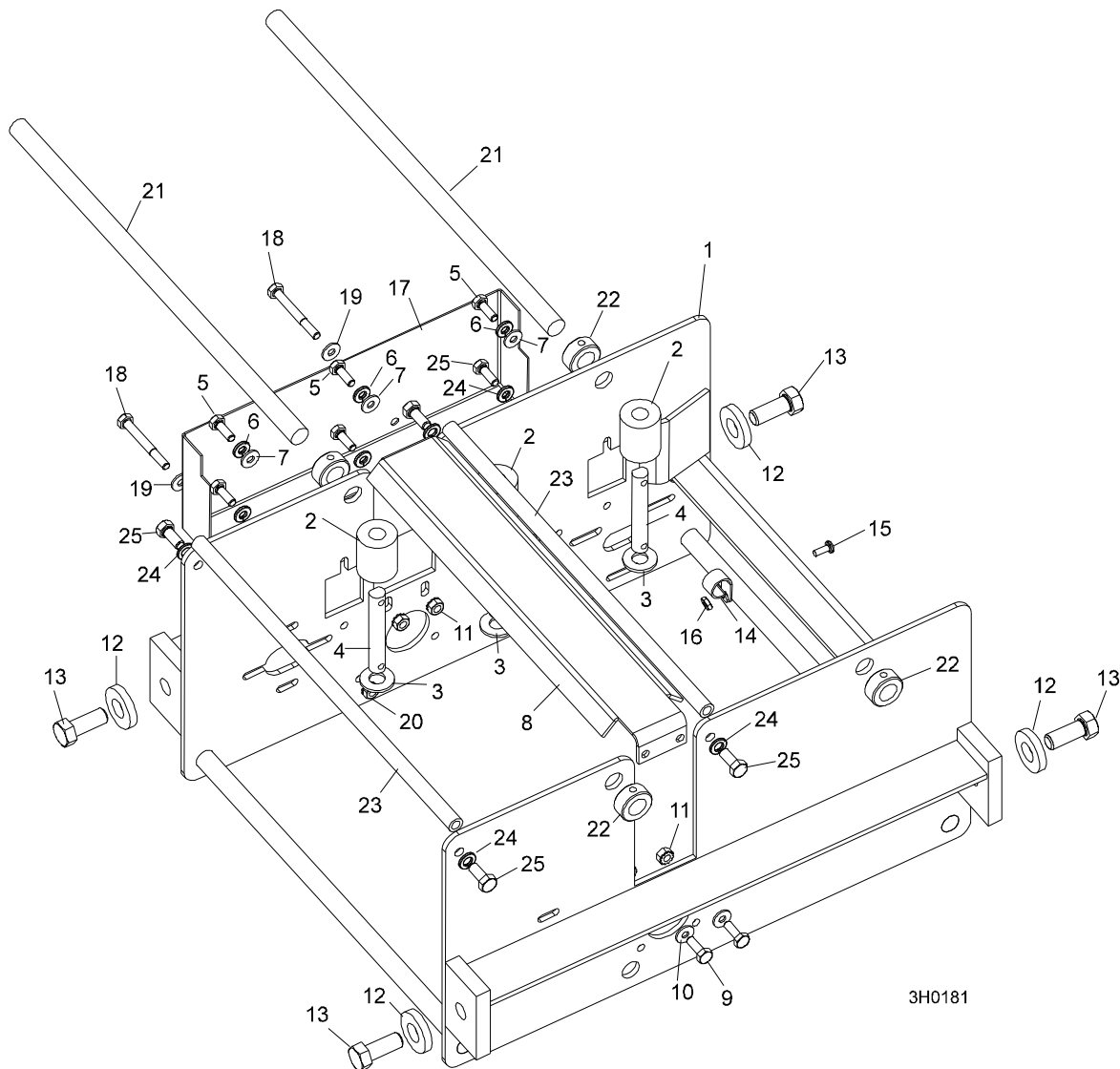
⁴ Individual harnesses available for Rev. J and later only. Use Harness Kit 008905 to retrofit entire harness system on units built prior to Rev. J (replaces A08870, A08871, A08878, and K08879).

⁵ Wire color codes revised on Resaw Rev. K+ (black to "-" and red to "+"). Individual harnesses available for Rev. J and later only. Use Harness Kit 008905 to retrofit entire harness system on units built prior to Rev. J (replaces A08870, A08871, A08878, and K08879).

2 Replacement Parts

Resaw Drive Frame Assembly

2.2 Resaw Drive Frame Assembly



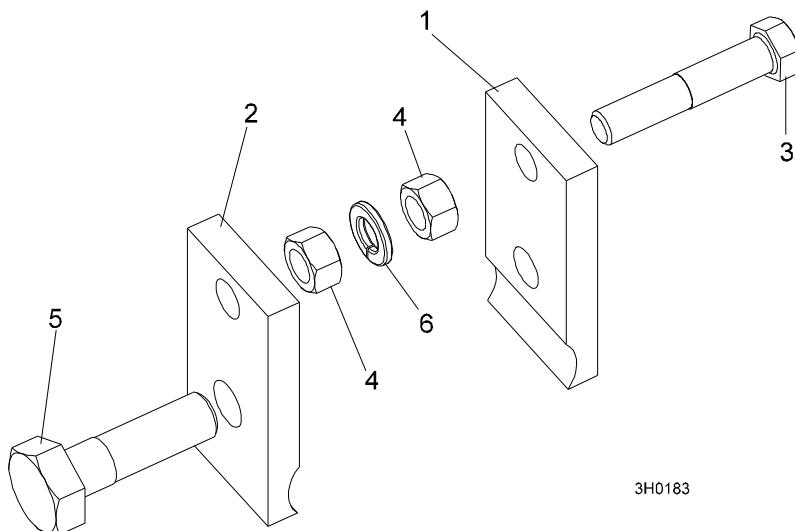
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	FRAME WELDMENT, RESAW DRIVE	W08802	1	◆
2	ROLLER, PLASTIC SIDE	S08849	3	
3	WASHER, 1/2" SAE FLAT	F05011-2	3	
4	SHAFT, PLASTIC SIDE ROLLER	S08817	3	
5	BOLT, 1/4-20 X 3/4" HEX HEAD FULL THREAD	F05005-1	6	
6	WASHER, 1/4" SPLIT LOCK	F05011-14	6	
7	WASHER, 1/4" SAE FLAT	F05011-11	6	
8	PLATE, RESAW BOTTOM FEED	S08837	1	
9	BOLT, 1/4-20 X 3/4" HEX HEAD FULL THREAD	F05005-1	4	

10	WASHER, 1/4" SAE FLAT	F05011-11	4	
11	NUT, 1/4-20 HEX SELF-LOCKING	F05010-9	4	
12	WASHER, .64" X 1.38" X .25	S08834	4	
13	BOLT, 5/8-11 X 1 1/4" HEX HEAD GRADE 5	F05009-13	4	
14	CLAMP, 9/16" CABLE	P08858	1	
15	BOLT, #10-24 X 1/2" SLOTTED HEAD	F05004-1	1	
16	NUT, #10-24 HEX SELF-LOCKING	F05010-14	1	
17	COVER, RESAW DRIVE BELT	S08861	1	
18	BOLT, 1/4-20 X 2 1/4" HEX HEAD GRADE 2	F05005-32	2	
19	WASHER, 1/4" SAE FLAT	F05011-11	2	
20	NUT, 1/4-20 HEX SELF-LOCKING	F05010-9	2	
21	ROD, .63" DIA. X 15.88" LONG CHROME	S08853	2	
22	COLLAR, 5/8" LOCKING	P05035	4	
23	ROD, 1/2" DIA. X 14.5" LONG	S08813	2	
24	WASHER, 5/16" SPLIT LOCK	F05011-13	4	
25	BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 2	F05006-5	4	

2 Replacement Parts

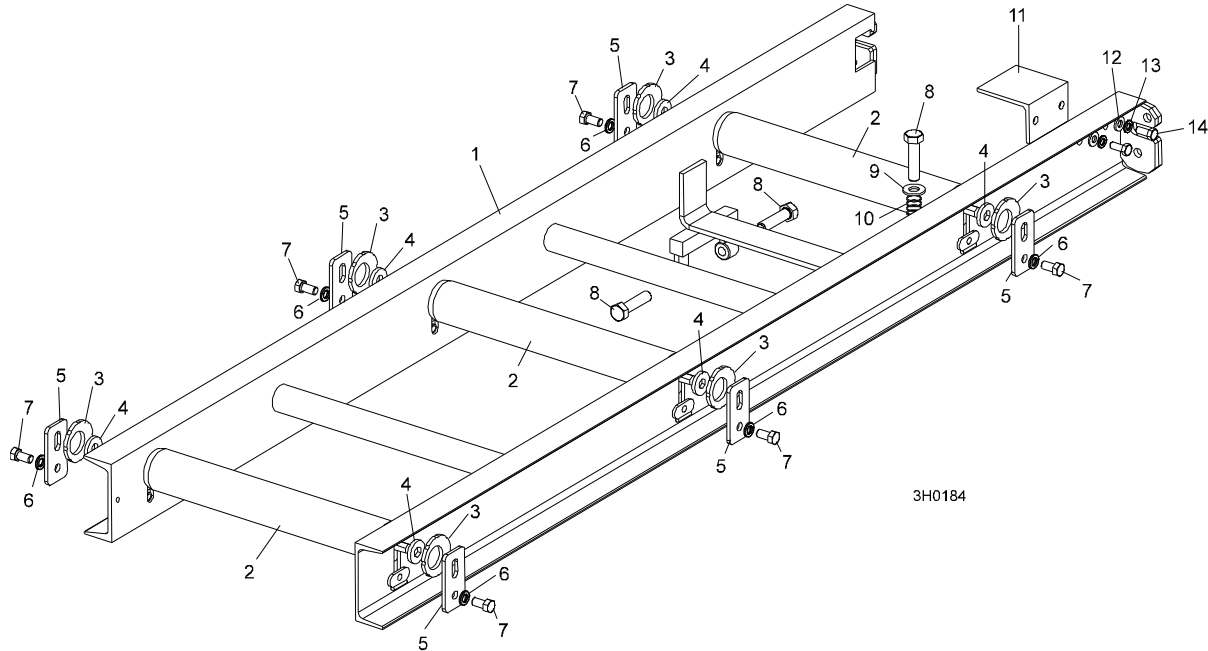
Resaw Clamp Assembly

2.5 Resaw Clamp Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	CLAMP ASSEMBLY, SAWMILL CARRIAGE LOCKING	A08865	2	
1	Plate, Carriage Locking Clamp Left	S08866	1	◆
2	Plate, Carriage Locking Clamp Right	S08867	1	◆
3	Bolt, 3/8-16 X 2" Hex Head Full Thread	F05007-16	1	
4	Nut, 3/8-16 Hex	F05010-1	2	
5	Bolt, 1/2-20x1-3/4 HHC FT Zinc	F05008-127	1	
6	Washer, 3/8" Split Lock	F05011-4	1	

2.5 Resaw Roller Table (Infeed)



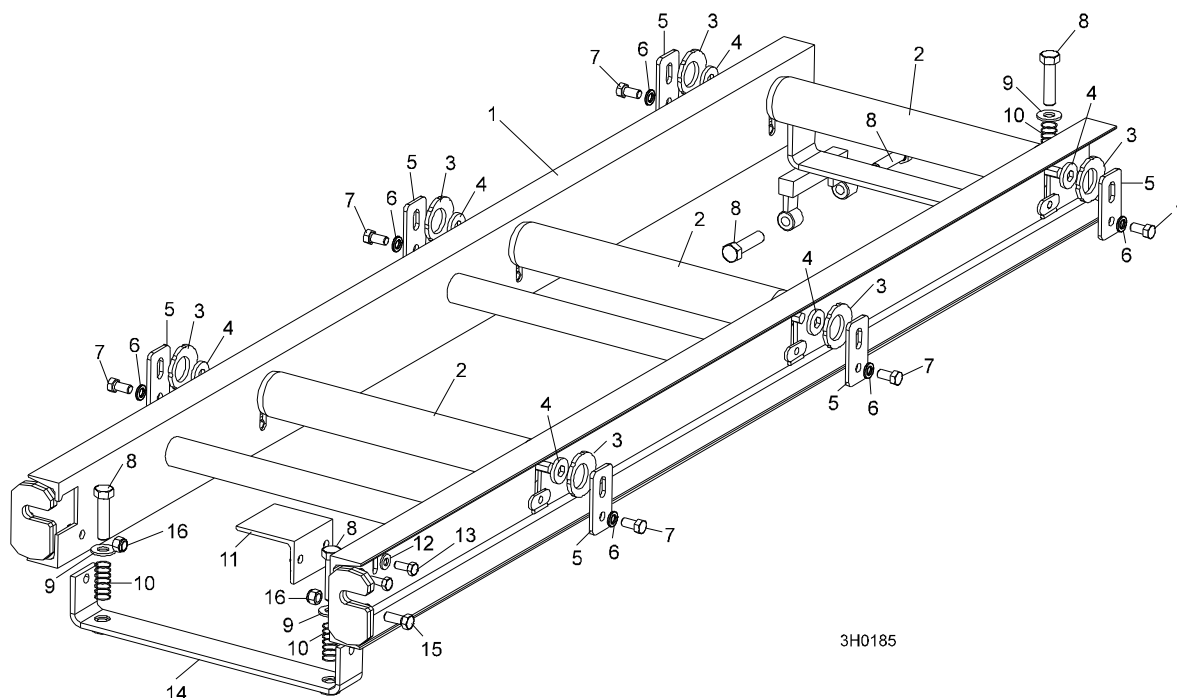
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	ROLLER TABLE ASSEMBLY, RESAW INFEED	A08886	1	
1	Roller Table Weldment, Resaw Infeed	W08887	1	◆
2	Roller Assembly, Resaw Feed Table 14 1/8"	P10342 ¹	3	
	Roller Assembly, Resaw Feed Table 13 5/8"	A08827 ²	3	
3	Washer, Feed Table Roller Eccentric	S08894	6	
4	Washer, Feed Table Roller Hex	S08895	6	
5	Plate, Feed Table Roller Clamp	S08896	6	
6	Washer, 3/8-16 Split Lock	F05011-4	6	
7	Bolt, 3/8-16 X 3/4" Hex Head Grade 2	F05007-27	6	
8	Bolt, 1/2-13 X 2" Hex Head Full Thread	F05008-8	3	
9	Washer, 1/2" SAE Flat	F05011-2	1	
10	Spring, Resaw Feed Table Adjustment	P04282	1	
11	Plate, Table Feed	S08874 ³	1	
12	Washer, 5/16" SAE Flat	F05011-17	2	
13	Washer, 5/16" Split Lock	F05011-13	2	
14	Bolt, 5/16-18 X 3/4" Hex Head Grade 5	F05006-5	2	

¹ Use for Resaws Rev. B+

² Use For Resaws Rev. A

³ Directly replaces W08875 (11/96).

2.6 Resaw Roller Table (Outfeed)



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	ROLLER TABLE ASSEMBLY, RESAW OUTFEED	A08882	1	
1	Roller Table Weldment, Resaw Outfeed	W08883	1	◆
2	Roller Assembly, Resaw Feed Table 14 1/8"	P10342 ¹	3	
	Roller Assembly, Resaw Feed Table 13 5/8"	A08827 ²	3	
3	Washer, Feed Table Roller Eccentric	S08894	6	
4	Washer, Feed Table Roller Hex	S08895	6	
5	Plate, Feed Table Roller Clamp	S08896	6	
6	Washer, 3/8-16 Split Lock	F05011-4	6	
7	Bolt, 3/8-16 X 3/4" Hex Head Grade 2	F05007-27	6	
8	Bolt, 1/2-13 X 2" Hex Head Full Thread	F05008-8	5	
9	Washer, 1/2" SAE Flat	F05011-2	3	
10	Spring, Resaw Feed Table Adjustment	P04282	3	
11	Plate, Table Feed	W08875	1	
12	Washer, 5/16" SAE Flat	F05011-17	2	
13	Bolt, 5/16-18 X 3/4" Hex Head Grade 5	F05006-5	2	
14	Bracket, Resaw Feed Table Center Support	W08900 ³	1	
15	Bolt, 3/8-16 X 1" Hex Head Grade 5	F05007-87 ³	2	
16	Nut, 3/8-16 Hex Nylon Lock	F05010-10 ³	2	

¹ Use for Resaws Rev. B+

² Use For Resaws Rev. A

³ Bracket welded to frame after 5/96. Bolt-on brace and hardware available for Resaw prior to Rev. J.

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