

**Shingle/Lap Sider
Safety, Operation, Maintenance, &
Parts Manual**

SLR

rev. G1.02

Safety is our #1 concern!

February 2022

Form #903

**For use with LT15* through LT70 models and for
LX* models.**

* LT15 and LX models requires an adapter kit:



**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 INTRODUCTION

The Shingle/Lap Siding Option (SLR) (see FIG. 1-1) creates tapered shingles or siding with your Wood-Mizer sawmill.

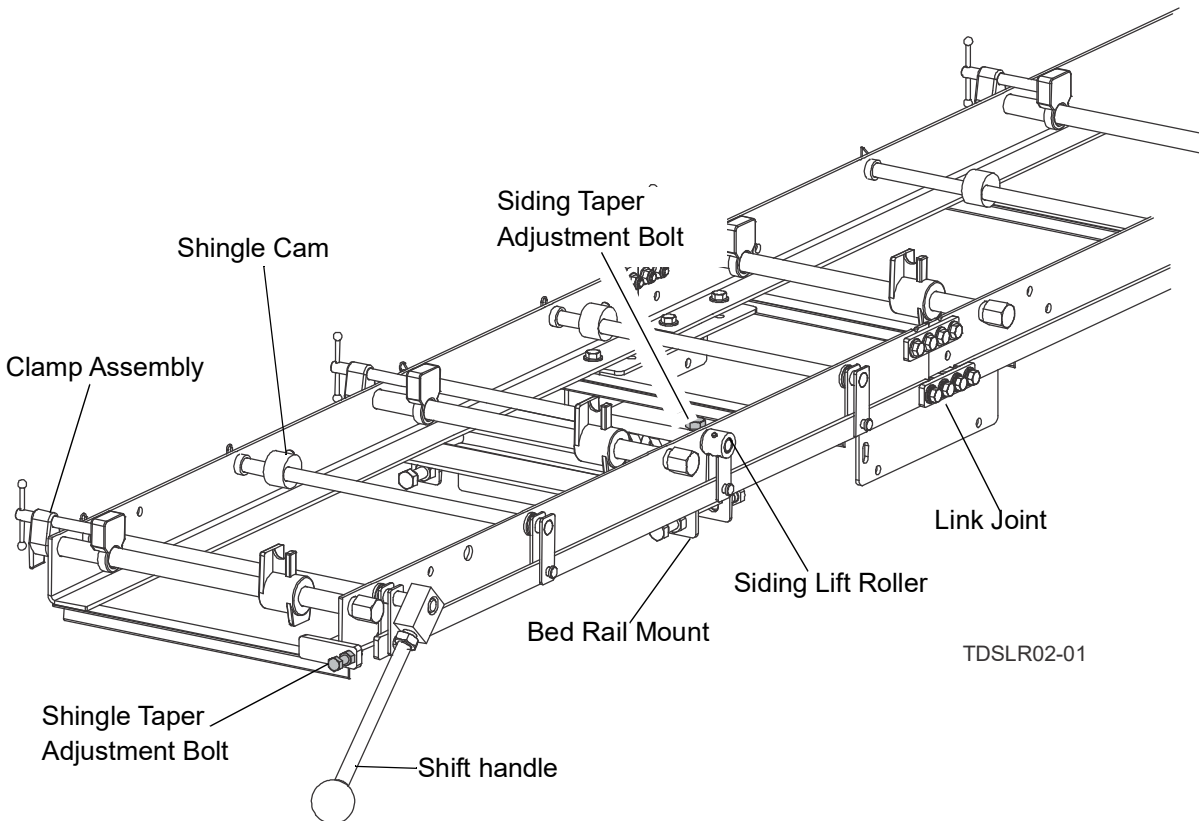


FIG. 1-1 MAJOR COMPONENTS

1.1 Safety Symbols

The following symbols and signal words call your attention to instructions concerning your personal safety. Be sure to observe and follow these instructions.



DANGER! indicates an imminently hazardous situation which, if not avoided, will result in serious injury or death.



WARNING! suggests a potentially hazardous situation which, if not avoided, could result in serious injury or death.



CAUTION! refers to potentially hazardous situations which, if not avoided, may result in minor or moderate injury or damage to equipment.

NOTICE indicates vital information.



WARNING! Clean sawdust from all areas where sawdust may gather **after every 8-hour shift**. Failure to do so may result in fire, causing death or serious injury.



SETUP SAFETY



WARNING! Do not use if the mill is set up on ground with more than a 10 degree incline. An incline could cause the mill to tip over.

Use a lifting device (fork lift, crane, etc.) for parts over 100 lbs.

Use two persons for lifting parts over 50lbs.¹

Keep all non-essential personnel out of the area while setting up the equipment.



1. For more information on lifting safety see *NOISH Lifting Equation* at <https://www.cdc.gov/niosh/docs/94-110/>

SECTION 2 INSTALLATION



WARNING! Turn the base unit's power to OFF, remove the key, and disconnect the battery ground terminal, if applicable.

On electric equipment, lock out power supply before performing any installation. See Electrical Lockout Procedures (OSHA regulation 1910.147, appendix A reprinted in the Operator's Manual).

Ensure your unit is on a level surface and secure from movement.

2.1 Assembly

1. Uncrate the SLR; discard the shipping braces (total 8) and fasteners. See FIG. 2-1.

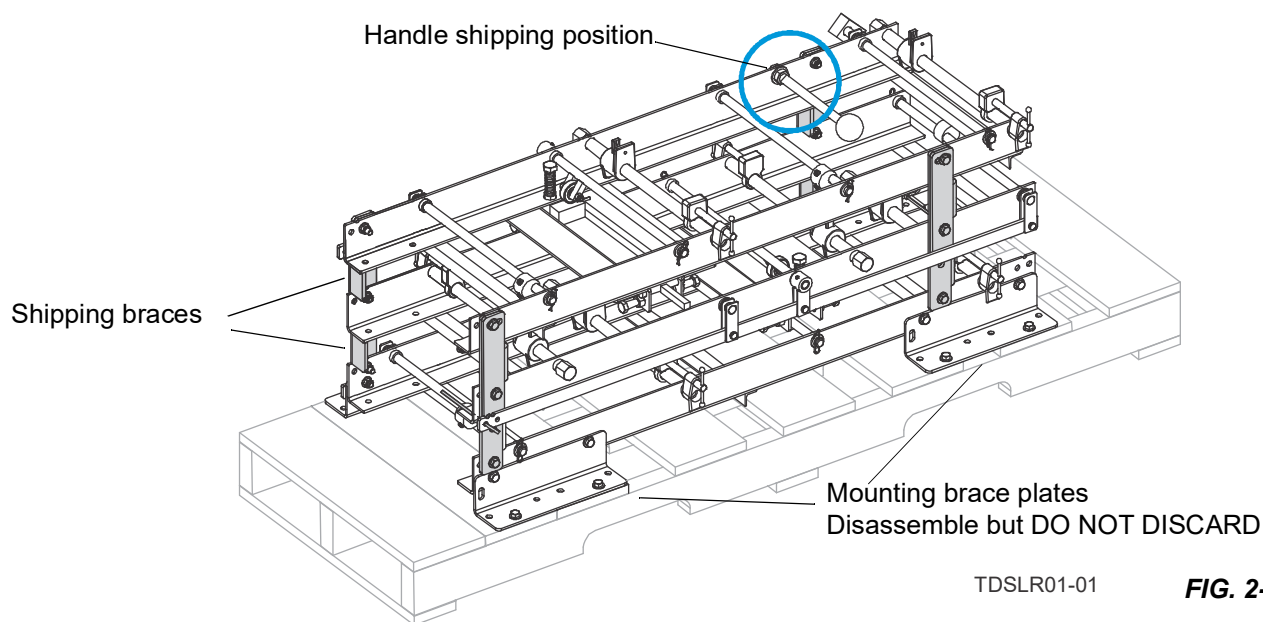


FIG. 2-1

	Part	Part number	Qty
Fastener bag contains:	SLR Fastener Kit	130832	1
	Bolt, 3/8-16x1 Gr5 HH	F05007-87	32
	Washer, 3/8 Flat SAE	F05011-3	40
	Nut, 3/8-16 Flanged Nylock	F05010-222	32
	Washer, 3/8 Split Lock	F05011-4	8
	Bolt, 3/8-16x3/4 Gr5	F05007-118	8
	Nut, 5/8-18 Hex jam	F05010-11	1
	Knob, 5/8-18 Ball	P04211	1
	Plate, SLR Link Arm Joint	128328	6

2. Lay out the frames as shown in FIG.2-2 to attach plates as shown in FIGs. 2-2 and 2-3

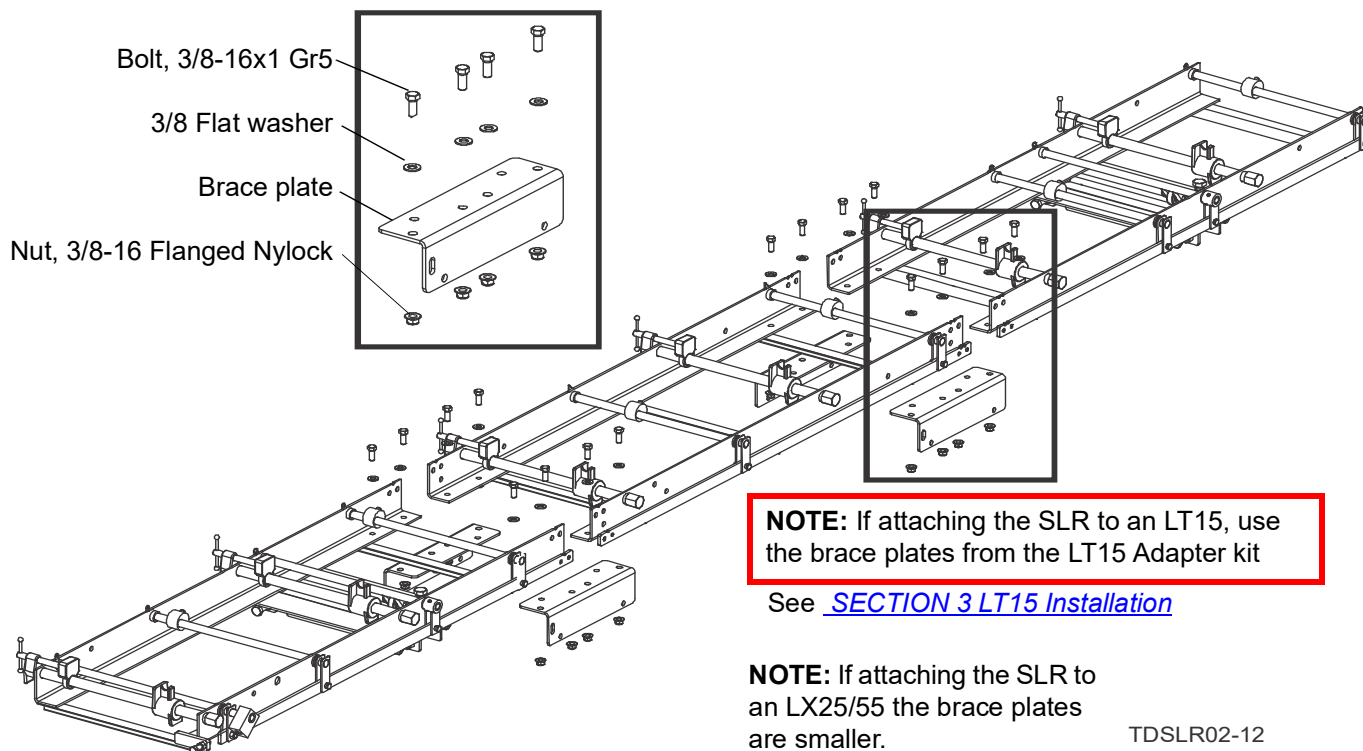


FIG. 2-2

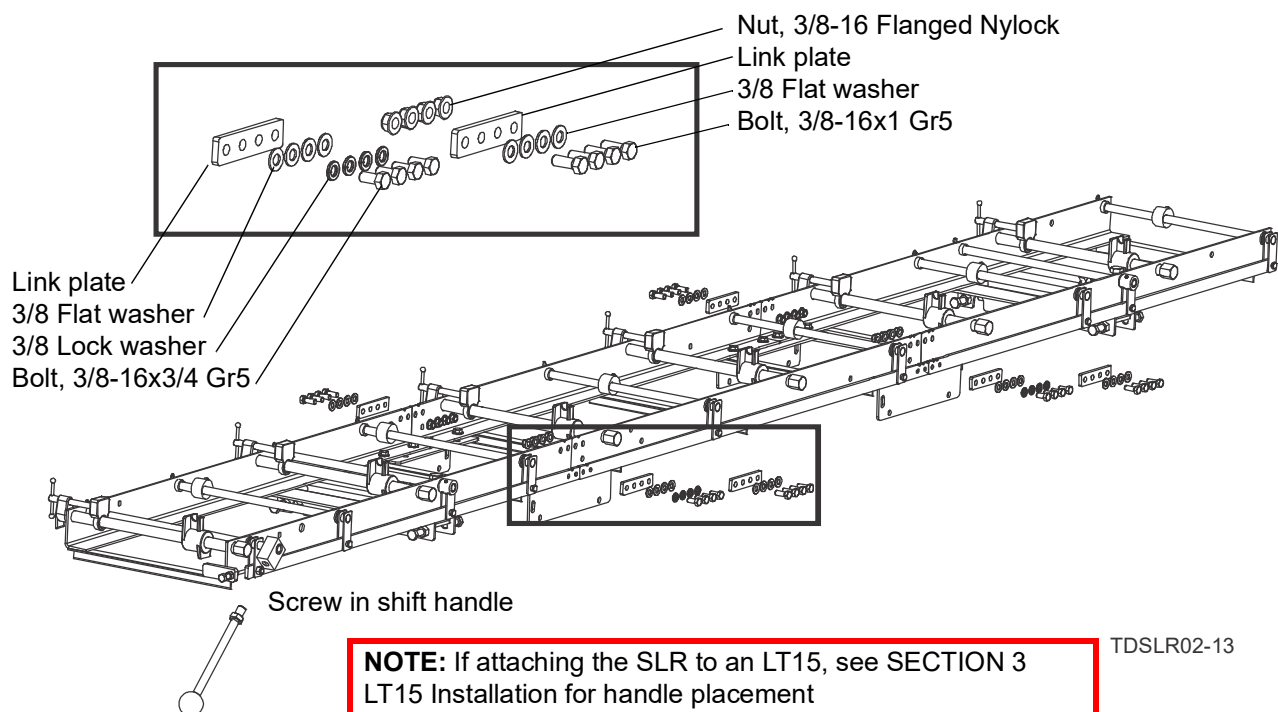


FIG. 2-3

2.2 Installation and Setup



WARNING! Use a lifting device (fork lift, crane, etc.) for parts over 100 lbs.

Use two persons for lifting parts over 50lbs.¹



1. Position the sawhead upward, out of the way.
2. Lower all log supports.
3. Move front pivoting bed rail parallel to the bed frame.
4. Position the SLR on the mill bed with the mounting brackets around the front and rear bed rails.
 - a. Position the shift handle at the front end of the mill.
 - b. Ensure the SLR frame is lying flat on the bed rails.

NOTICE: DO NOT tighten the clamp bolts on the bed rails. The SLR bed must be able to move during operation. The clamp bolts should only be tightened before towing the sawmill with the SLR attached.

5. Slide the SLR frame all the way over toward the inboard side of the sawmill bed until the SLR stops touch the bed rail stop blocks.

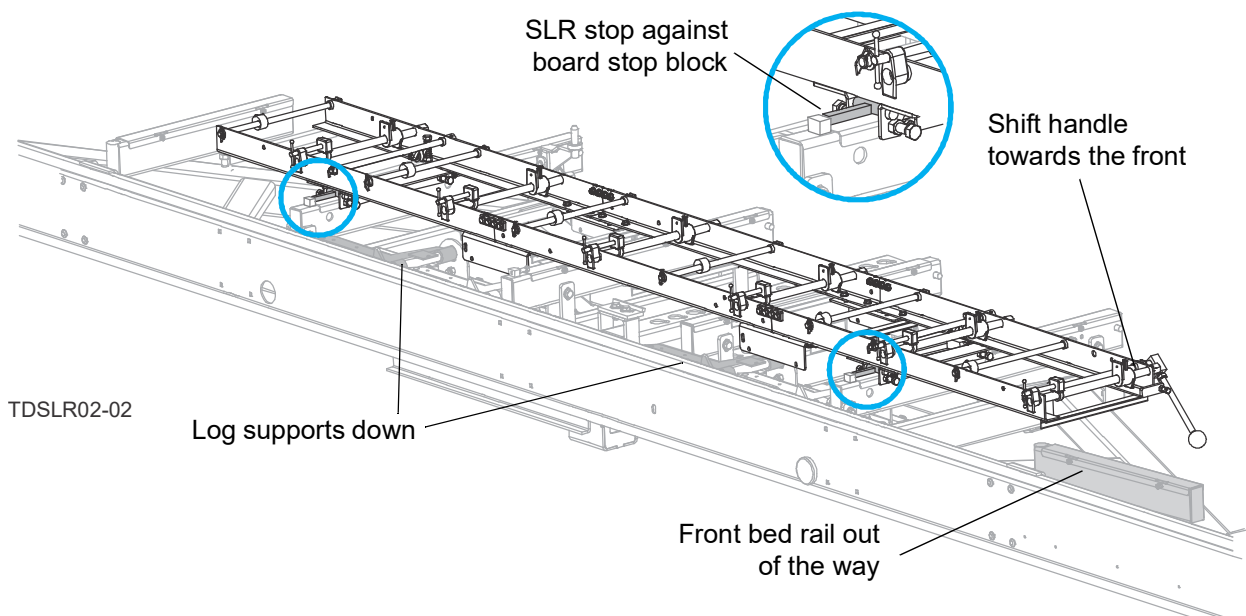


FIG. 2-4

1. For more information on lifting safety see *NOISH Lifting Equation* at <https://www.cdc.gov/niosh/docs/94-110/>

2.3 Installation and Setup (revision A.00 through F1.01)

1. Position the SLR on the mill bed with the mounting brackets around the front and rear bed rails. The shift lever should be at the front end of the mill. Make sure the SLR frame is lying flat on the bed rails. DO NOT tighten the clamp bolts on the bed rails. The clamp bolts should only be tightened before towing the sawmill with the SLR attached.
2. Slide the SLR frame all the way over toward the inboard side of the sawmill bed until the SLR stops touch the bed rail stop blocks.

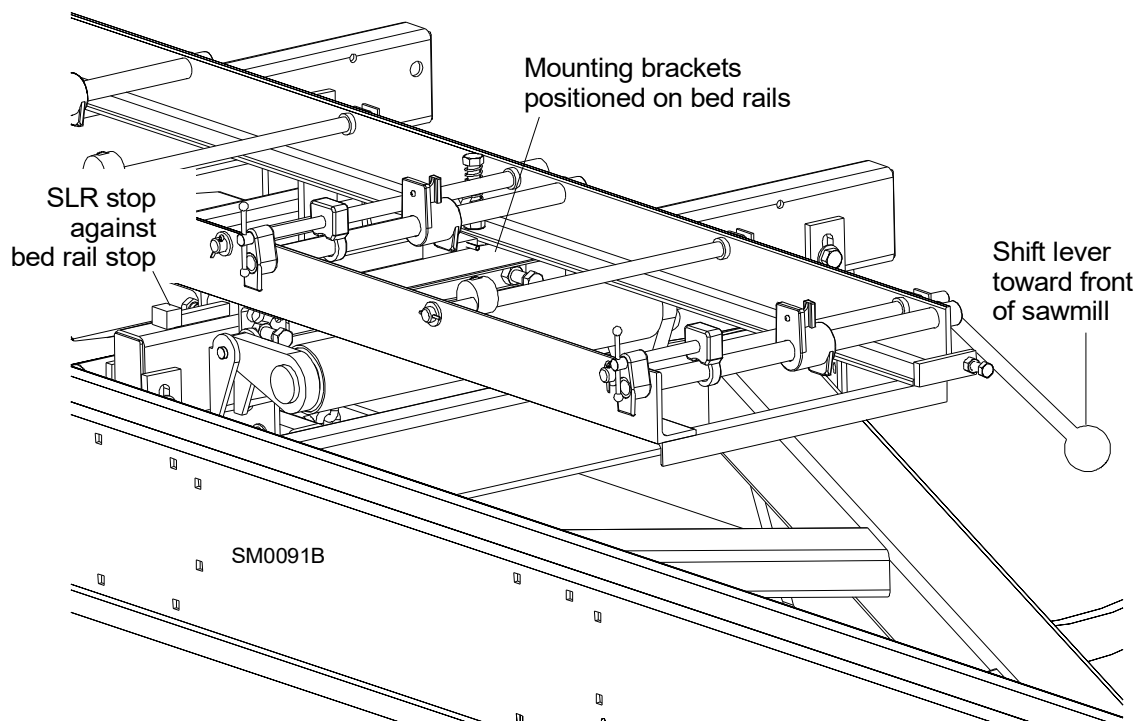


FIG. 2-5

SECTION 3 LT15 INSTALLATION



WARNING! Turn the base unit's power to OFF, remove the key, and disconnect the battery ground terminal, if applicable.

On electric equipment, lock out power supply before performing any installation. See Electrical Lockout Procedures (OSHA regulation 1910.147, appendix A reprinted in the Operator's Manual).

Ensure your unit is on a level surface and secure from movement.

3.1 LT15 Rev. E6.04+

(Bed Sections Rev. G.00+): Kit SLRKIT-LT15.1 is required to mount the SLR.

1. Place the rail adapter on the second and third bed rails of the first bed section as shown in FIG. 3-1.
2. Slide the adapter against the bed rail stop blocks.

NOTE: If the adapter contacts the log support first, raise the support to the height of the adapter and use the log support as the side starting point.

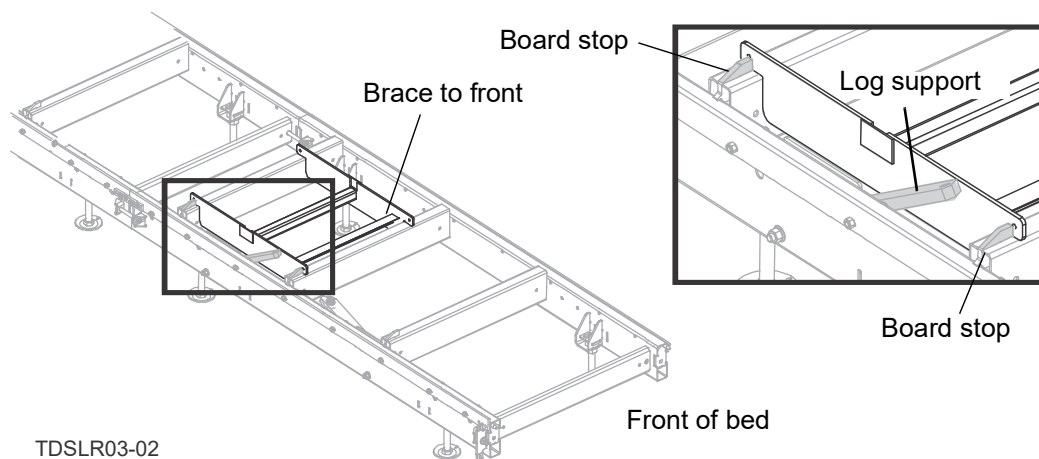
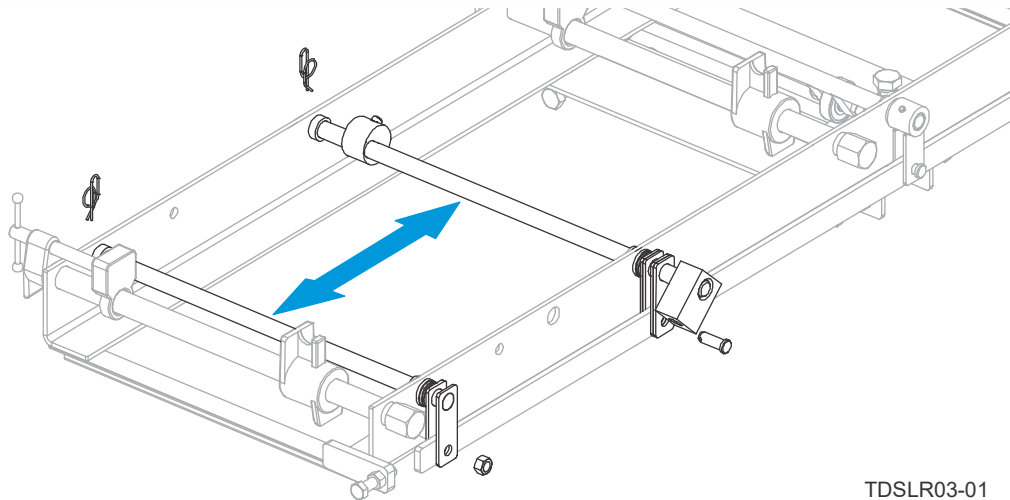


FIG. 3-1

3. Relocate the SLR shift handle to avoid interference with the front bed rail. See FIG. 3-2



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FIG. 3-2

- a. Unbolt and unpin the handle shaft from the frame.
 - b. Unbolt and unpin the cam shaft.
 - c. Remove the cam from the cam shaft.
 - d. Slide the handle shaft in former position of the cam shaft, sliding the cam on the shaft while inserting.
 - e. Bolt and pin the handle shaft to the frame.
 - f. Slide the cam shaft in former position of the handle shaft.
 - g. Bolt and pin the cam shaft to the frame.
4. Position the SLR on the bed with the shift handle toward the front of the sawmill.
 5. Push the SLR stops against the rail adapter.
 6. Screw in the handle to the handle shaft..
 7. Continue SLR set up. See [SECTION 5 Shingle Operation](#) or [SECTION 6 Lap Siding Operation](#).

3.2 LT15 Rev. E4.00 - E6.03

(Bed Sections Rev. E.00 - F.00): Kit SLRKIT-LT15 is required to mount the SLR.

1. Place the rail adaptor on the last bed rail of the second bed section as shown.
2. Adjust the stop bolt against the frame tube.
3. Install the stop block to the last bed rail of the first bed section and tighten the clamp bolt.
4. Position the SLR on the bed with the shift handle toward the front of the sawmill.
5. Push the SLR stops against the rail adaptor and stop block.

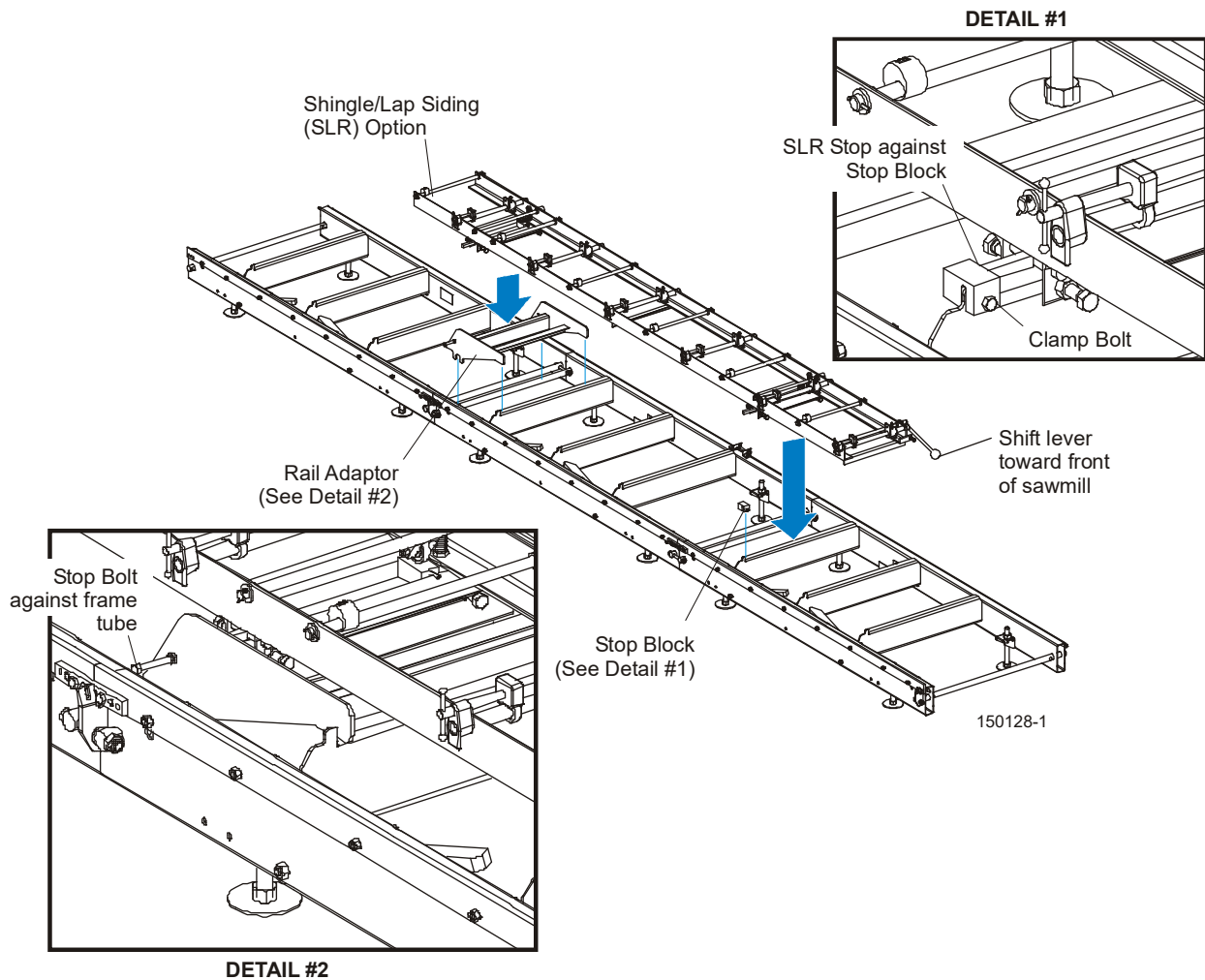


FIG. 3-3

3.3 LT15 Rev. A0.00 - E3.03

(Bed Sections Rev. A0.00 - D.06): Auxiliary bed rail (part number 016037) needed.

1. Mount the auxiliary bed rail near the end of the middle bed section as shown (See LT15 manual for details).
2. Position the SLR on the bed with the shift handle toward the front of the sawmill.
3. Push the SLR stops against the bed rail stop blocks.

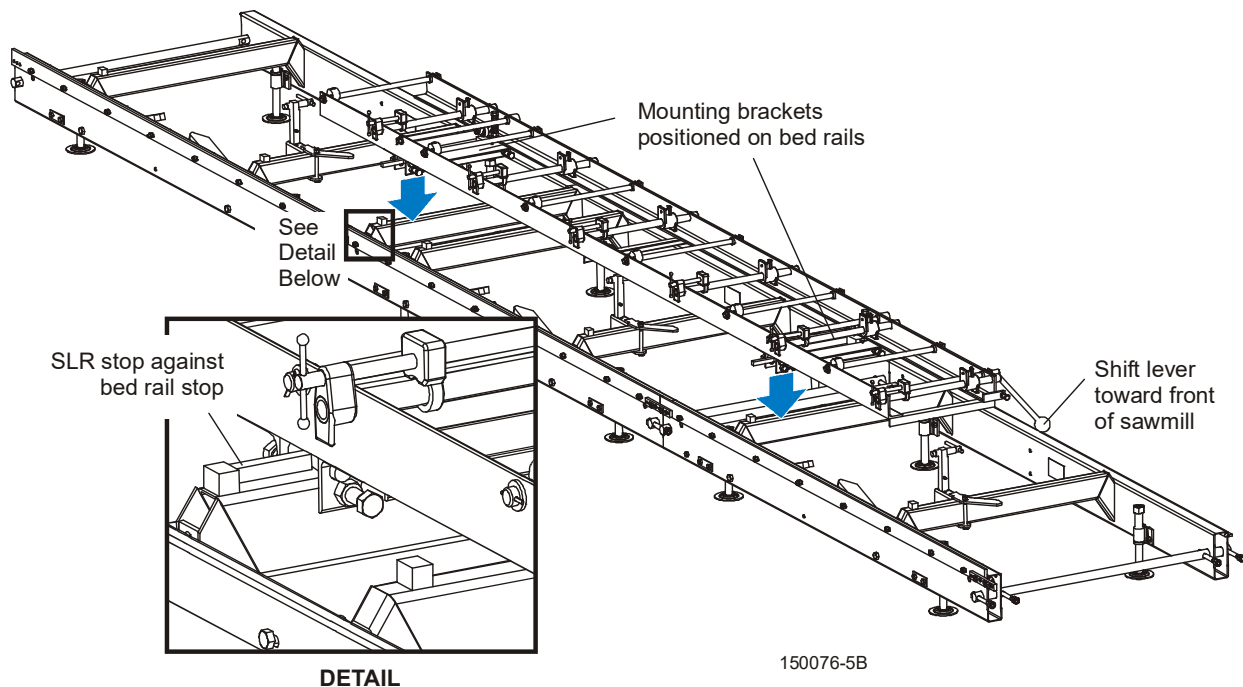


FIG. 3-4

SECTION 4 LX INSTALLATION

4.1 LX25/LX55

1. Mount the front section of the adapter kit ([See Section 7.5](#)). Remove the bolts, two on each side. Replace those (marked in red) from the plate that connects the first and the second bed section to longer one from kit, as shown in [FIG. 4-1](#).

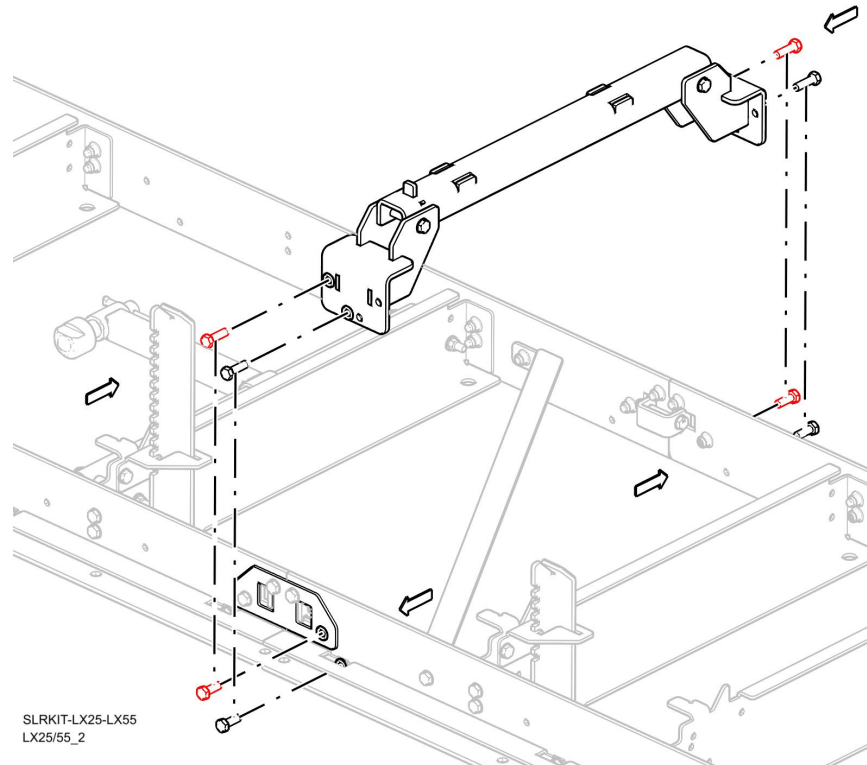
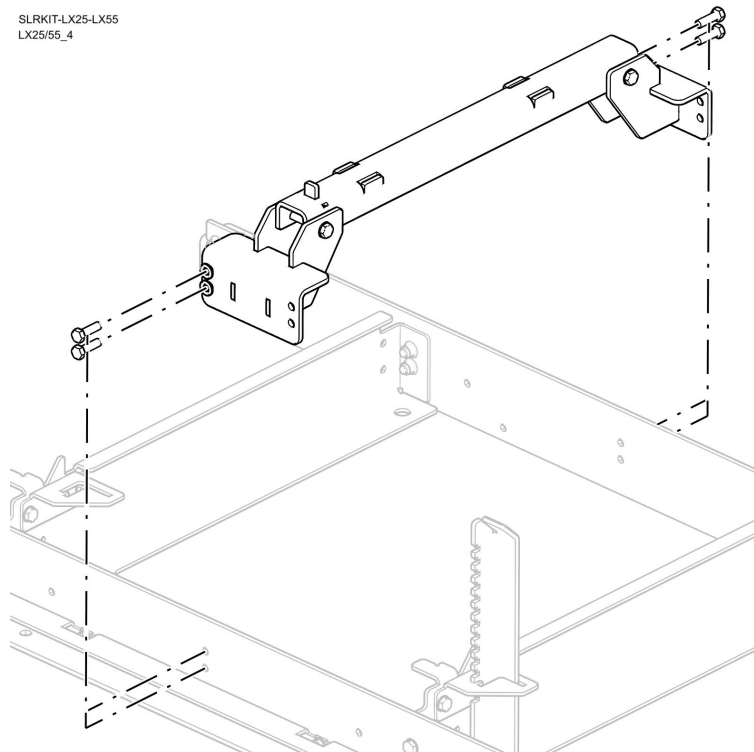
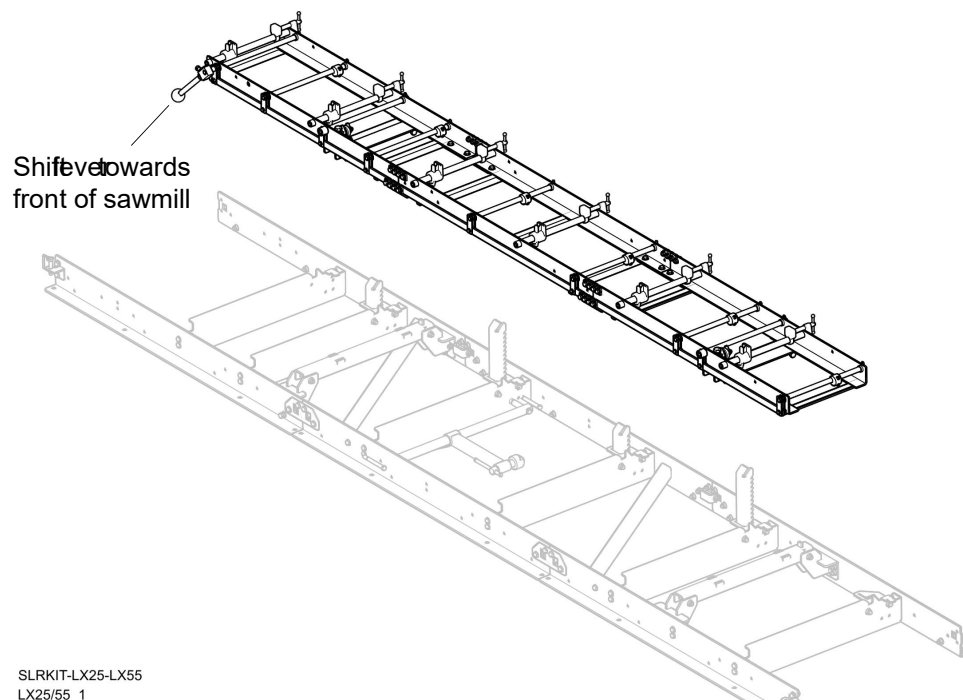


FIG. 4-1

2. Install the rear kit in the last bed section, as shown in [FIG. 4-2](#).

**FIG. 4-2**

3. Position the SLR on the bed with the shift handle toward the front of the sawmill.

**FIG. 4-3**

4. Secure SLR with the bolts in front, [FIG. 4-4](#)

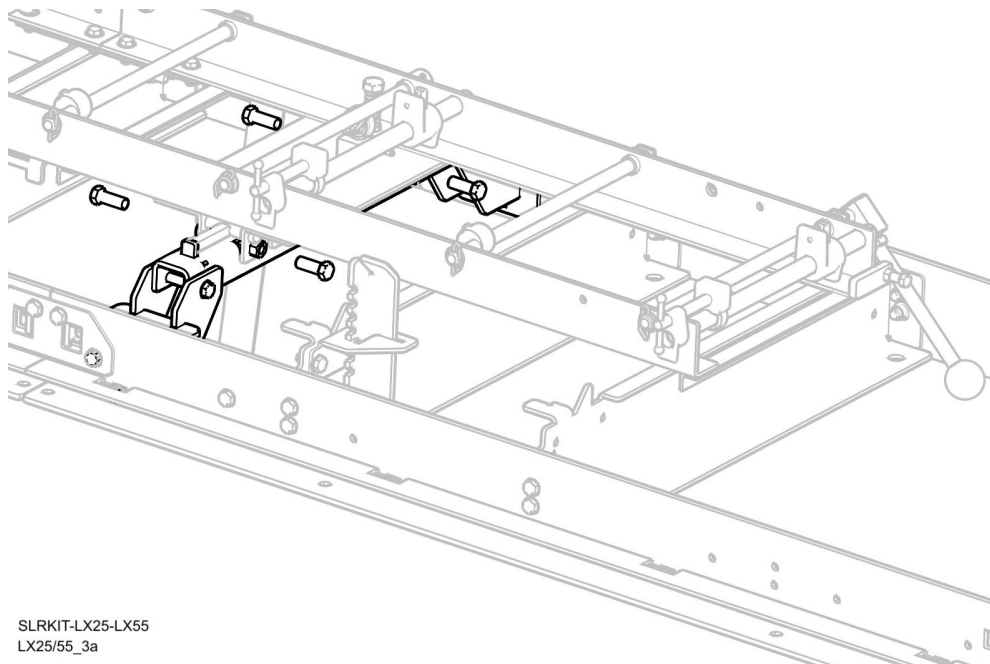


FIG. 4-4

5. Secure SLR in rear, [FIG. 4-5](#)

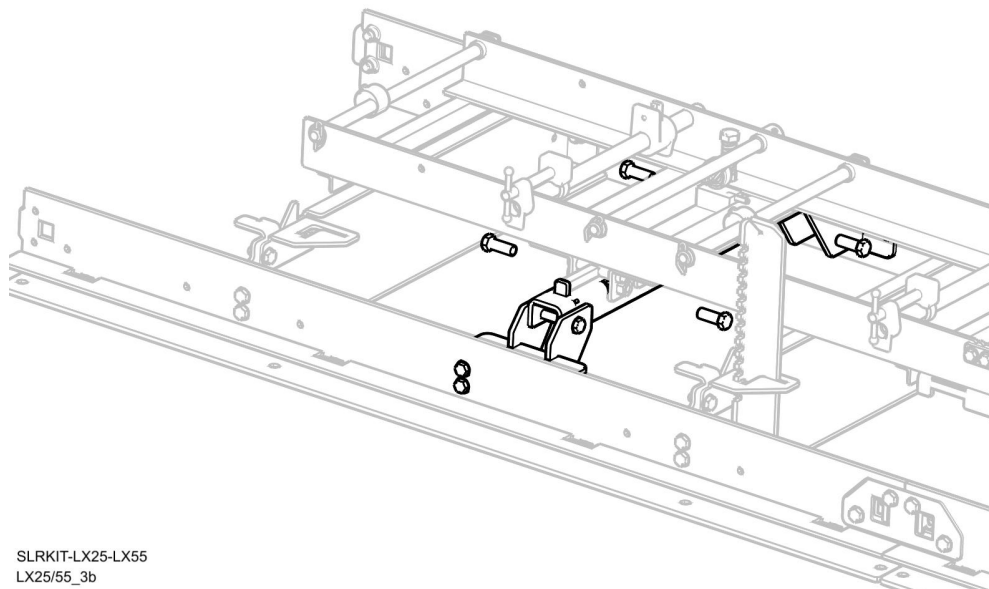


FIG. 4-5

4.2 LX150/LX250

1. Mount the adapter kit ([See Section 7.6](#)) (only one in rear) on the last bed section and secure it with the bolts, as shown below.

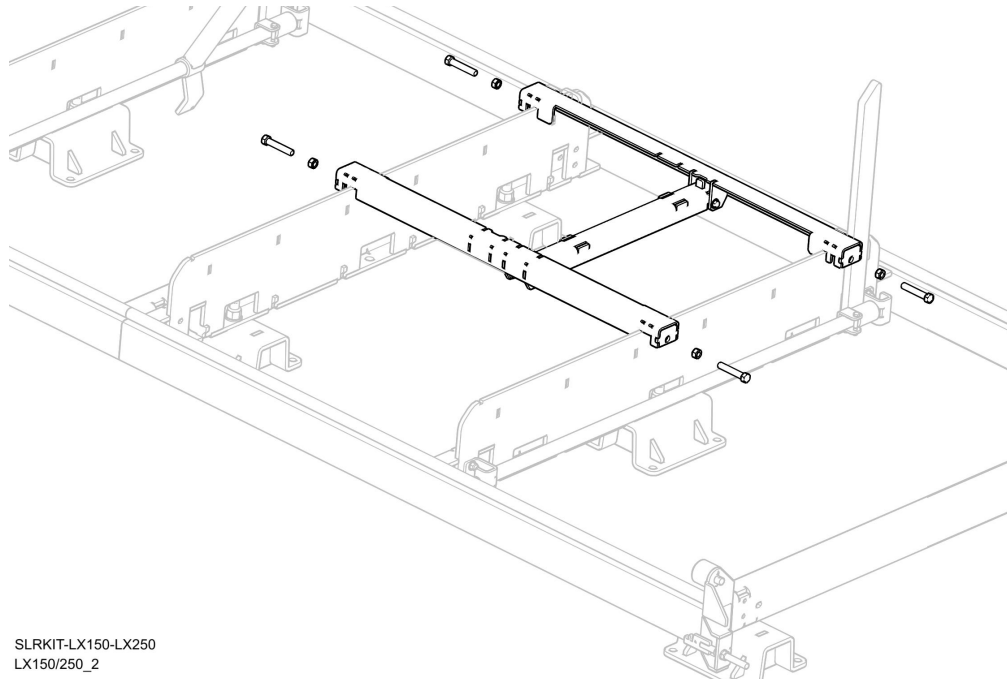


FIG. 4-6

2. Position the SLR on the bed with the shift handle toward the front of the sawmill.

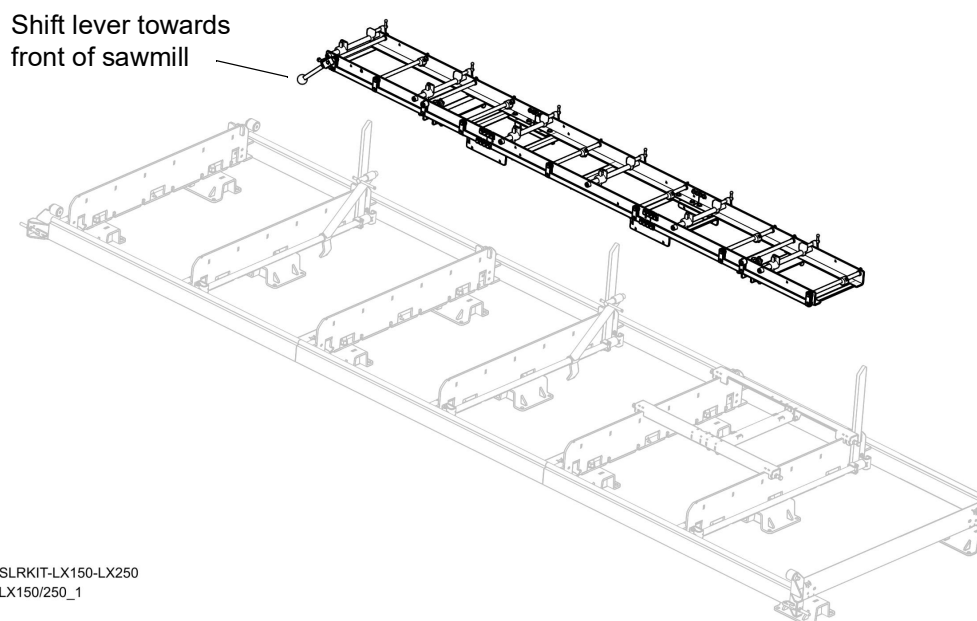


FIG. 4-7

3. Secure SLR with the bolts as shown [FIG. 3-12](#).

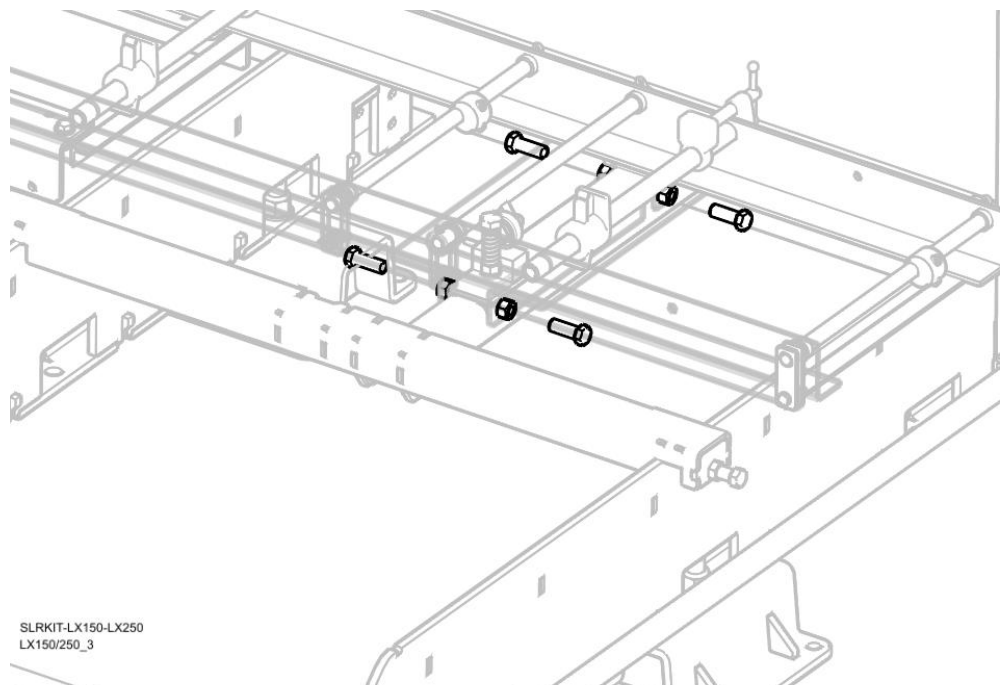


FIG. 4-8

SECTION 5 SHINGLE OPERATION

5.1 Shingle setup

Shingle Block Size			
Length	max	24"	610 mm
	min	14"	355 mm
Width	max	12"	305mm
	max	12"	305 mm

¹ Higher blocks may cause excessive vibration, loosening the blocks from the clamps.

1. Install the SLR to the sawmill bed. See [SECTION 2 Installation](#).
2. Position the **siding** taper adjustment bolts fully down (clockwise) until you can spin the siding lift rollers by hand. See FIG. 5-1.

NOTE: The lift rollers should not tilt the SLR frame when the shift handle is thrown.

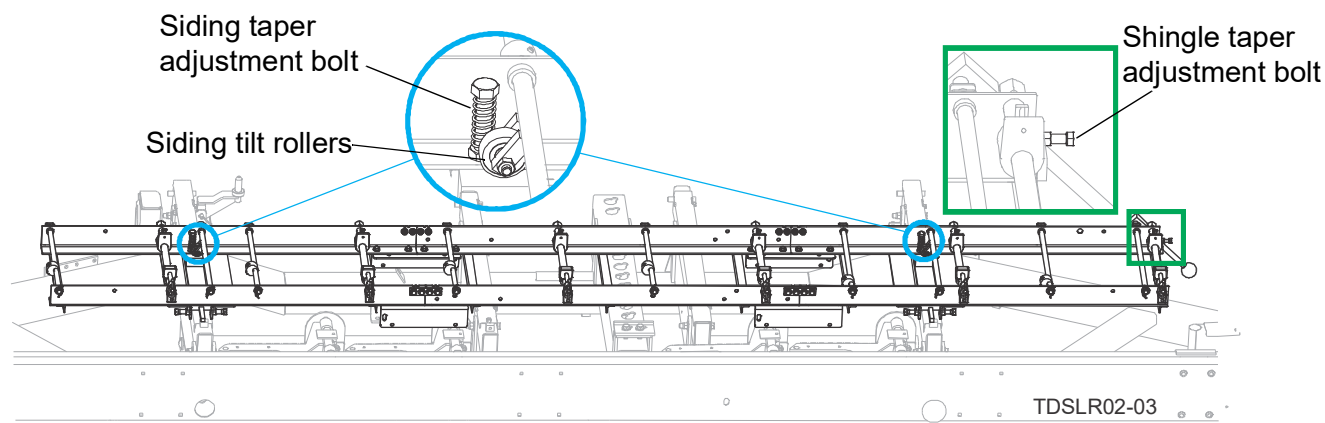


FIG. 5-1

NOTE: If not already done so, position the cams **approximately 1.5 inches away** from the frame to prevent necessary realignment between lap siding and shingle use.

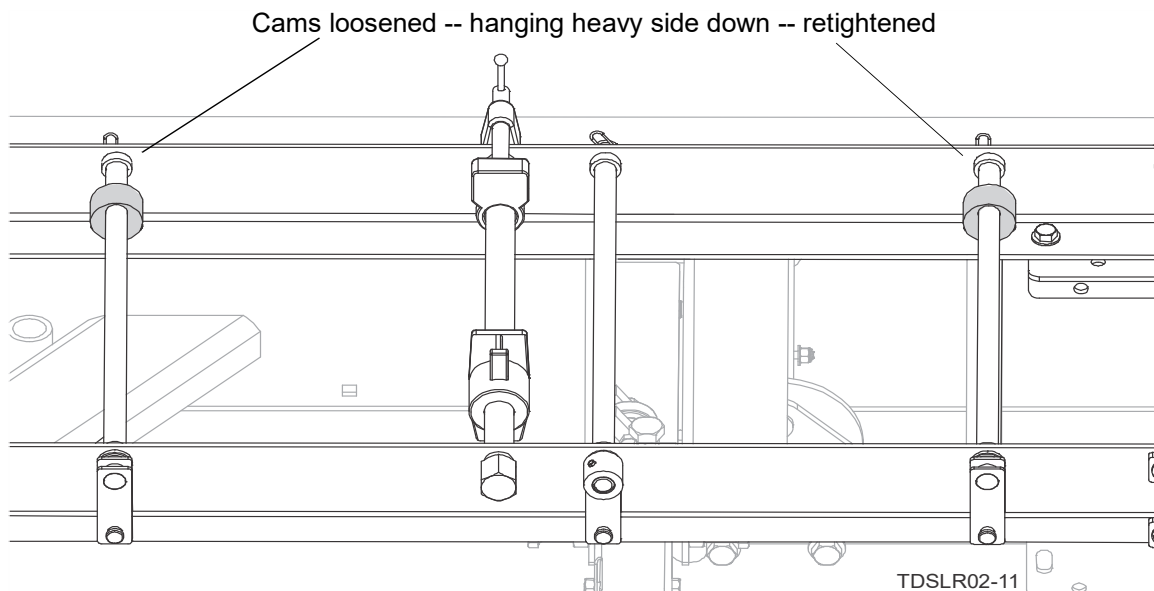


FIG. 5-2

3. Adjust the inner clamps as close to the SLR frame as possible to ensure the rear of the blocks are positioned over the cams. See FIG. 5-3.

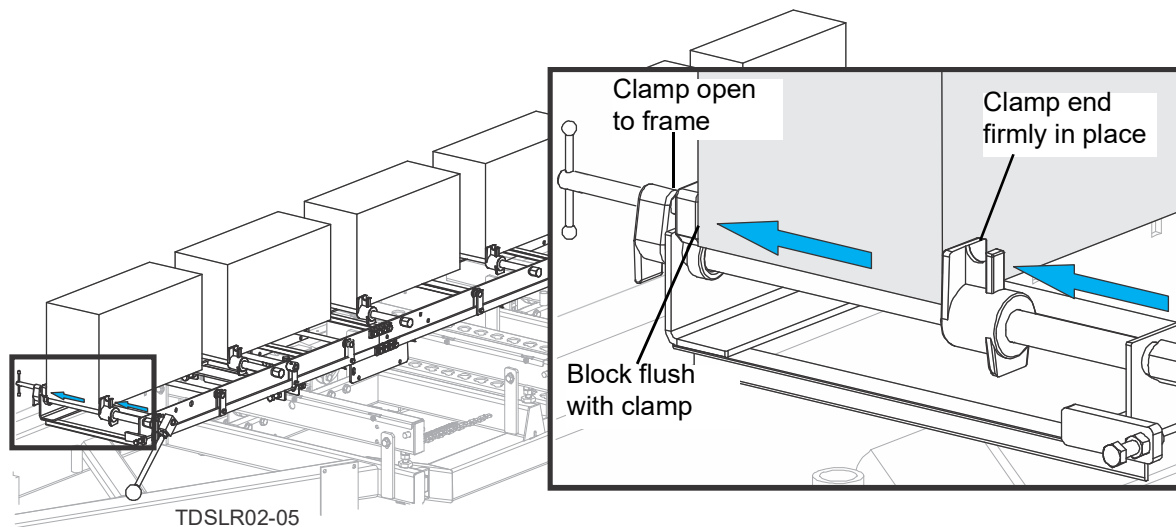


FIG. 5-3

4. Clamp up to six shingle blocks, one over each cam. See FIG. 5-3.
5. Turn the clamp handle clockwise to firmly clamp the block in position to prevent movement during operation.

6. Lower the shift handle.
7. Make a trim cut across all the blocks to even them out.
8. Calculate the desired shingle size:

Thick end - Thin end = Cut setting

Example:

For a shingle 1/8" at the thin end, and 5/8" at the thick end:

$$5/8" - 1/8" = 4/8" (1/2")$$

Set the block tilt for 1/2".

9. Raise the blade the calculated height.
10. Set the saw blade over a trimmed block.
11. Position the blade at the end of the first block.

NOTE: Double check the blade position. Measure from a **downward pointing sawtooth**.

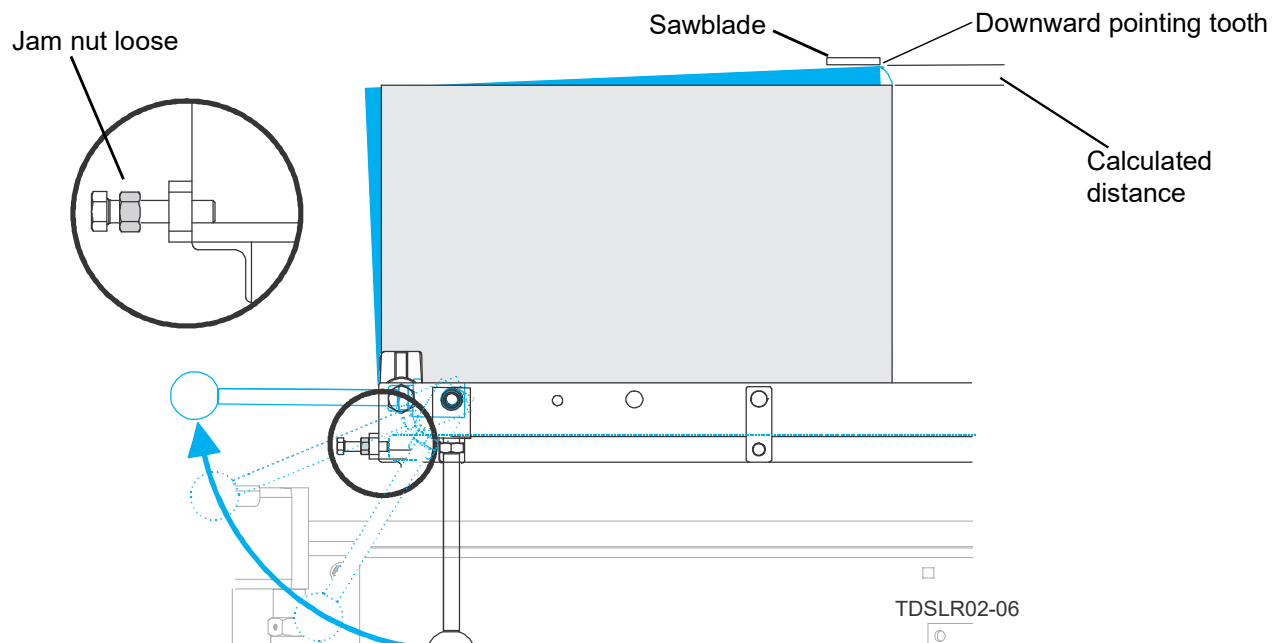


FIG. 5-4

12. Adjust the shingle taper adjustment bolt in until it contacts the shift handle linkage.
13. Set the jam nut on the shingle taper adjustment bolt.

5.2 Shingle cutting operation



WARNING! Follow all safety and operating procedures stated in the operation manual for your mill.

1. Lower the shift handle completely downward.
2. Make one trim cut to level all the blocks.
3. Lower the blade the thickness of the **thin end** of the shingle.
4. Raise the shift handle.
5. Make a cut and return the carriage.

Each shingle should match tapers to the setting you want. If they don't match, repeat step 2 above.

6. Push the shift handle down and lower the blade the thickness of the **thick end** of the shingle.
7. Make a cut and return the carriage.
8. Repeat steps 3 - 7 down to the heart of the cants.
9. Unclamp the cants, flip 180°, and reclamp.
10. Continue sawing down as low as the SLR clamps will allow.

SECTION 6 LAP SIDING OPERATION

6.1 Lap siding setup

To cut tapered siding, a single cant is clamped in the SLR. The siding taper adjustment bolts are adjusted up so the lifting rollers tilt the SLR frame. When the shift handle is thrown, the SLR frame tilts sideways.

NOTE: Maximum cant width is 12" (304.8 mm) and 12 ft long.

1. Install the SLR to the sawmill bed. See [SECTION 2 Installation](#).
2. Adjust the **shingle** taper adjustment bolt to 1/4". See FIG.5-1, [SECTION 5 Shingle Operation](#).

This will stop the shift handle when the lift rollers reach their maximum height.

3. Adjust the **siding** taper adjustment bolts all the way up so they do not lift the SLR frame from the bed rails.
4. Adjust the inner clamp halves inside the shingle cams to avoid interference with the cant.

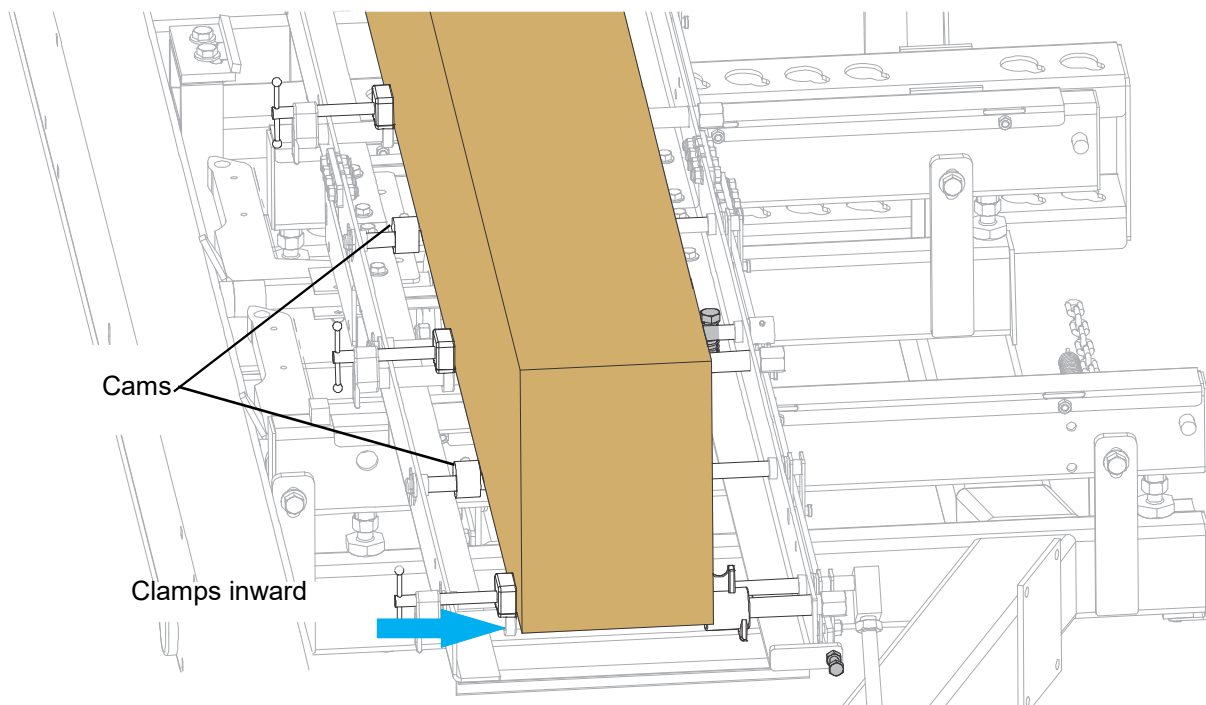


FIG. 6-1

NOTE: To saw cants wider than 10", the cams must be adjusted out of the way.
Be sure to mark each cam location so it can be returned to its original position

for sawing shingles.

Loosen the cam set screws and slide the cam along the shaft.

Reset the cams according to [SECTION 5 Shingle Operation](#).

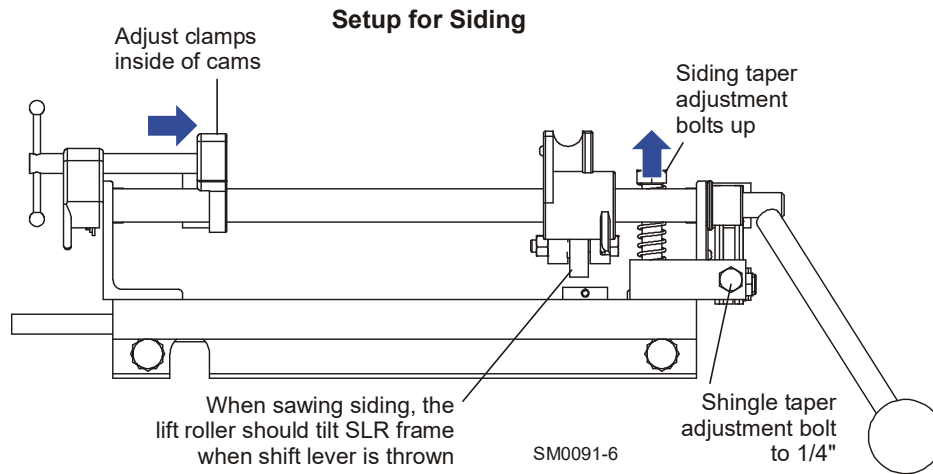


FIG. 6-2

5. Position the cant so it is centered in the SLR frame.
6. Tighten the front clamp to secure one end of the cant.
7. Slide the outer clamp half in until it contacts the block.
8. Turn the clamp handle clockwise to firmly clamp the block in position.
9. Be sure the block is securely clamped so the block will not come loose while being cut.

10. Repeat the procedure to clamp the rear of the cant.

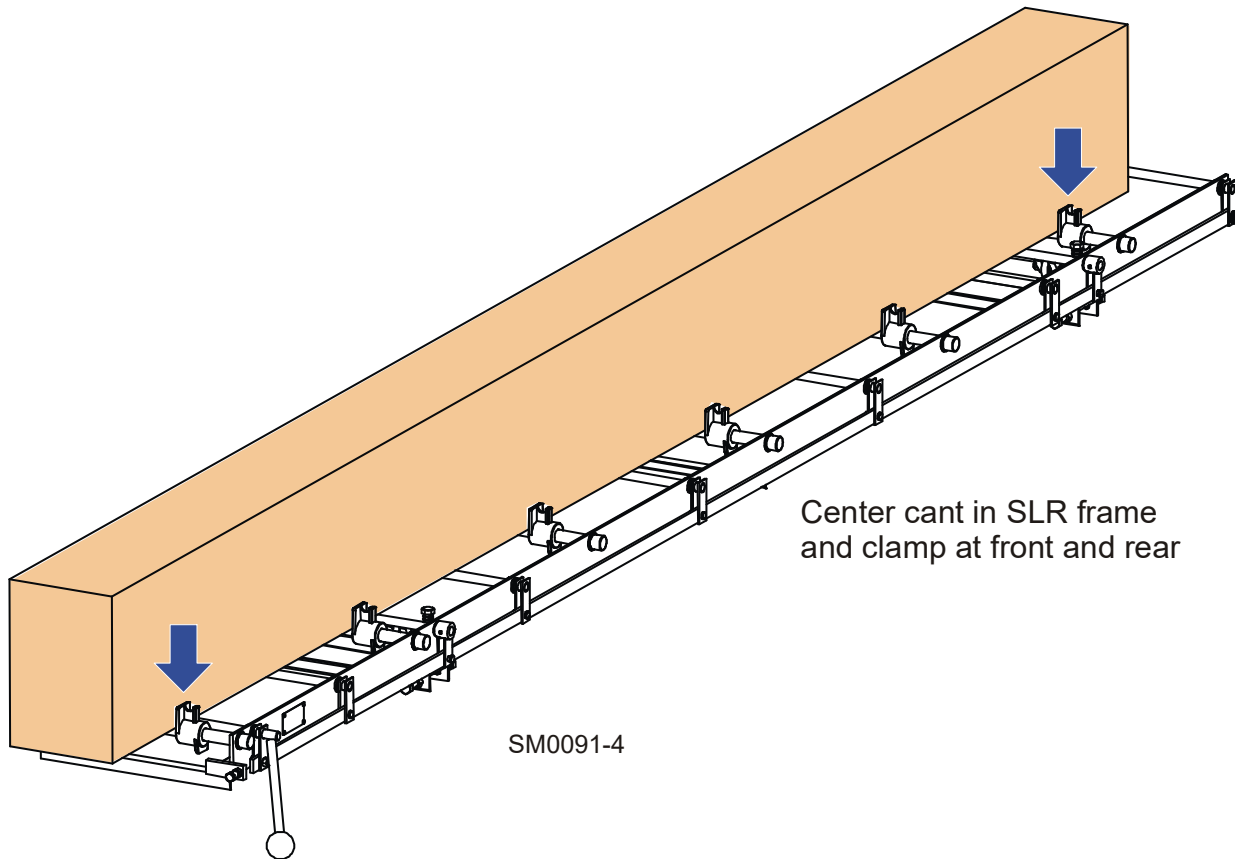


FIG. 6-3

11. Calculate the dimensions of the siding you want to cut.

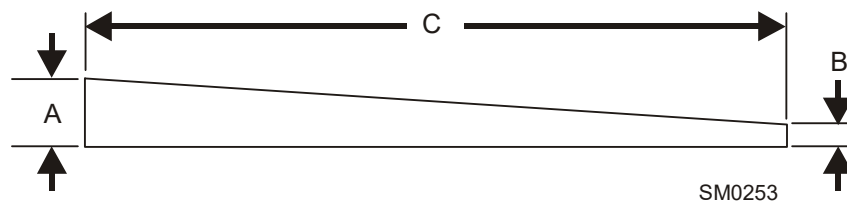


FIG. 6-4

The amount of taper is limited by how wide the cant is.

Width (C)	Max. Taper (A - B)
4"	3/16"
6"	5/16"
8"	7/16"

TABLE 6-0

10"	9/16"
12"	11/16"

TABLE 6-0

12. Before adjusting the SLR for the amount of siding taper, pull the shift handle up and make a trim cut to level the cant.
13. Move the blade so it is positioned even with the top of the cant.
14. Push the shift handle down and measure the amount of taper.
15. Adjust the front siding taper adjustment bolt down to adjust the amount of taper.

For example: If you want to cut siding that is 1/8" on one end and 5/16" on the other end, adjust the SLR for 3/16" taper ($5/16" - 1/8" = 3/16"$). Repeat this procedure at the rear of the cant with the rear siding taper adjustment bolt.

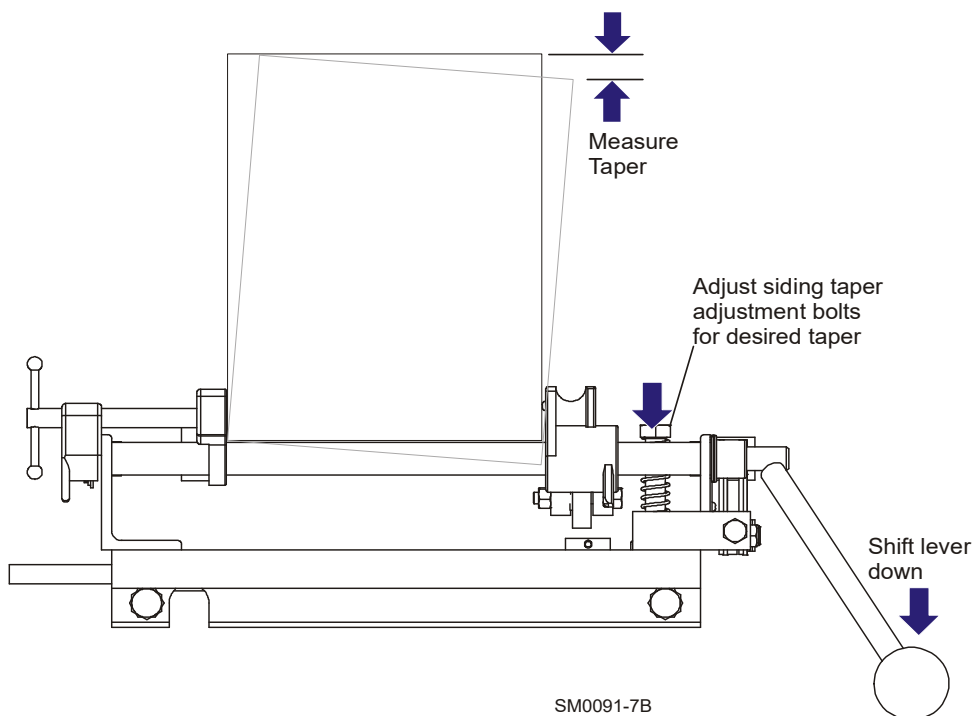


FIG. 6-5

16. Follow all safety and operating procedures explained in the sawmill operator's manual when using the SLR.
17. Lower the saw head the thickness of the thin end (B) of the siding.
(In our example above, the first drop would be 5/16".)
18. Make a cut and return the carriage.

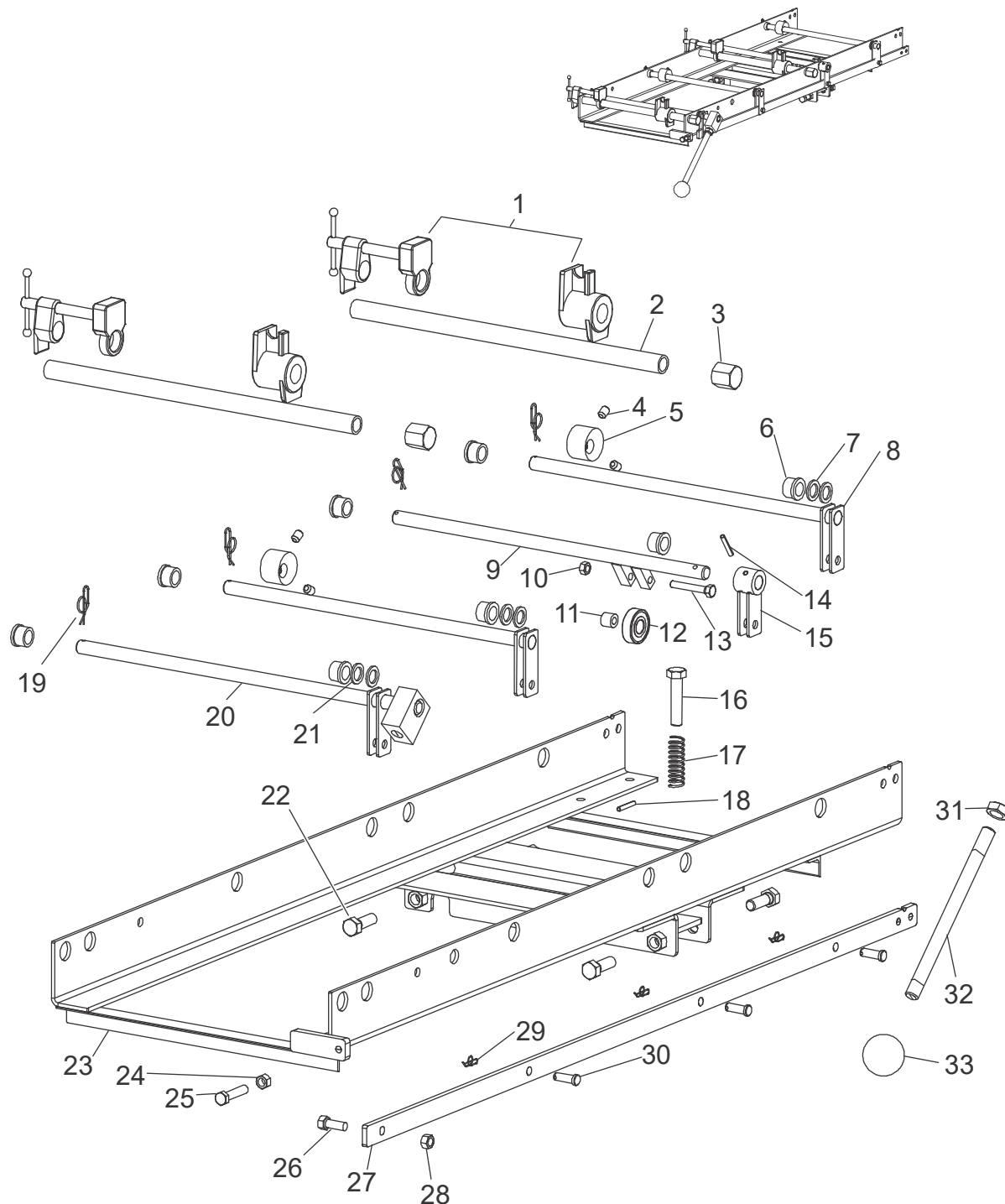
19. Check the taper of the board. If adjustment is necessary, repeat Step 13 above.
20. Pull the shift handle up and lower the saw head the thickness of the thick end plus the thickness of the thin end plus the thickness of the blade ($B + A + \text{Blade Thickness}$).

Allowing for a 3/16" blade thickness in the example above, the second drop would be 5/8" ($5/16" + 1/8" + 3/16"$).

21. Make a cut and return the carriage.
22. Repeat Steps 17 - 21 down to the heart of the cant.
23. Unclamp the cant, flip 180° and reclamp.
24. Continue sawing down as low as SLR clamps will allow.

SECTION 7 REPLACEMENT PARTS

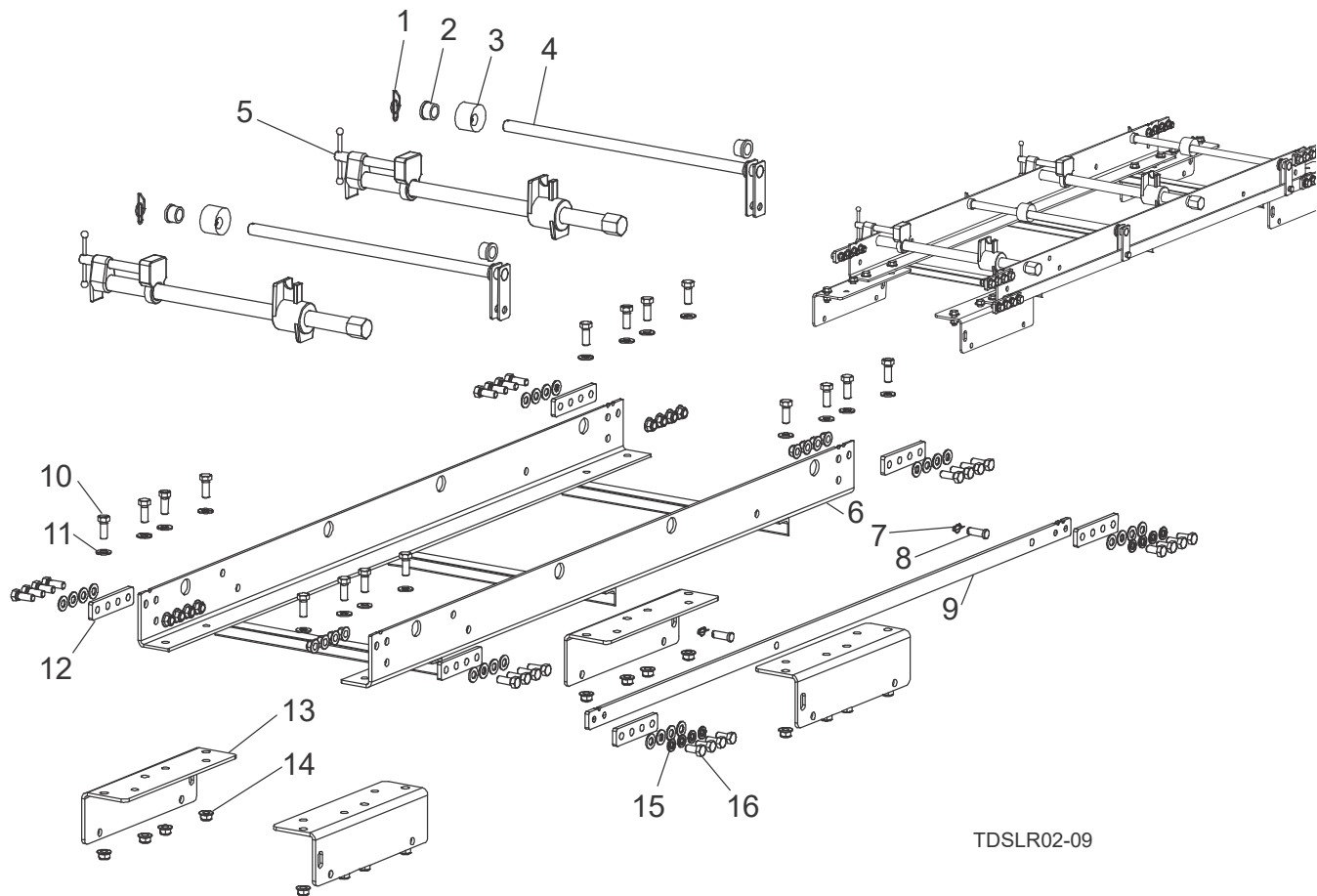
7.1 Frame 1



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	ASSY, SLR FRAME 1	128377		
	Assy, SLR Clamp	128378	2	
1	Clamp, Pony	P05144	1	

REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
2	Shaft, Lap Siding Pony Clamp	P05120	1	
3	Cap, 1/2 NPT Hex Pipe	P05146	1	
	Cam Assy	A07327	2	
4	Screw, 3/8-16x1/2 SH Cup Pt Set	F05007-12	2	
5	Cam, SLR	S05129	1	
6	Bushing, .635x7/8x1/2 Bronze	105908	8	
	Shaft, Cam Shakemaker	A07329	2	
7	Washer, 5/8x15/16x.094 Nylon	F05011-19	2	
8	Weldment, Cam Shaft	W05138	1	
	Assy, SLR Roller Bearing Arm	110275	1	
9	Weldment, SLR Roller Shaft	110273	1	
10	Nut, 5/16-18 Swaged Hex	F05010-6	1	
11	Sleeve, SLR Bearing	S05142	1	
12	Bearing, 5/8x1.5748x.4724	P06030-1	1	
13	Bolt, 5/16-18x2 FT HH	F05006-13	1	
14	Pin, 3/16x1 1/4 Roll	F05012-16	1	
15	Wldmt, Roller Sleeve Arm	W05136	1	
16	Bolt, 1/2-13x2-1/4 HH Zn Gr2	F05008-124	2	
17	Spring	P05155	1	
18	Pin, 3/16x1 1/4 Roll	F05012-16	1	
19	Pin, 5/8 In Clevis Retaining	F05012-135	4	
20	Weldment, Handle Shaft	130815	1	
21	Washer, 5/8x15/16x.094 Nylon	F05011-19	2	
22	Bolt, 1/2-13x1 1/2 HH Gr5	F05008-33	8	
23	Weldment, SLR Frame 1	128319	1	
24	Nut, 3/8-16 Hex	F05010-1	1	
25	Bolt, 3/8-16x1 3/4 FT Gr5	F05007-129	1	
26	Bolt, 3/8-16x1 HHC	F05007-7	1	
27	Plate, SLR Link Arm 1	128325	1	
28	Nut, 3/8-16 Swaged Lock	F05010-25	1	
29	Pin, 3/8 In Clevis Retaining	F05012-136	3	
30	Pin, 3/8x1 3/32 Clevis Zinc Plated	F05012-8	3	
	Assembly, Handle SLR	130816	1	
31	Nut, 5/8-18 Hex Jam	F05010-11	1	
32	Round, SLR Handle	130814	1	
33	Knob, 5/8-18 Ball	P04211	1	

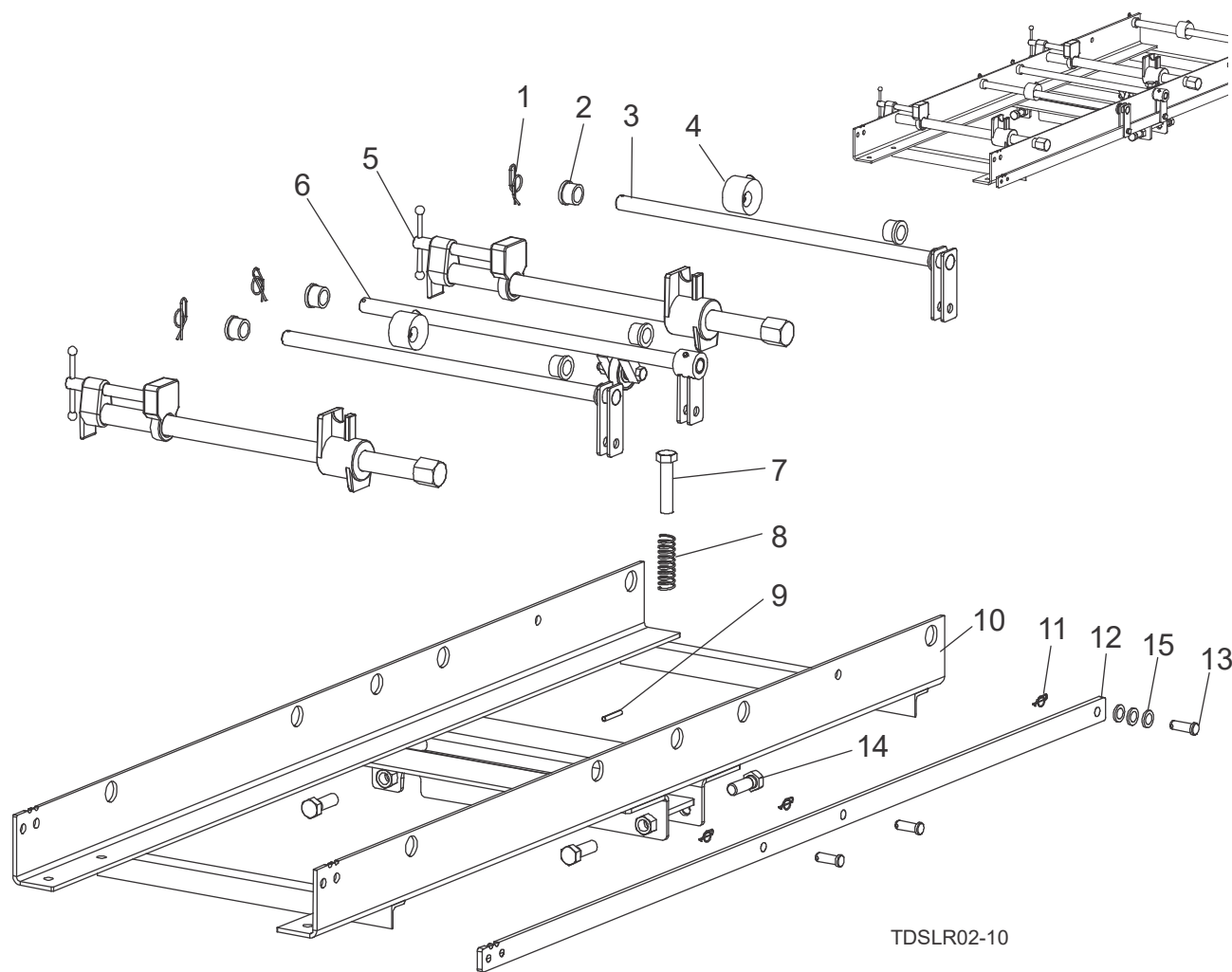
7.2 Frame 2



TDSLRO2-09

REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	ASSY, SLR FRAME 2	128379		
1	Pin, 5/8 in Clevis Retaining	F05012-135	2	
2	Bushing, .635x7/8x1/2 Bronze	105908	4	
3	Cam Assy (See Section 7.1)	A07327	2	
4	Shaft, Cam Shakemaker (See Section 7.1)	A07329	2	
5	Assy, SLR Clamp (See Section 7.1)	128378	2	
6	Weldment, SLR Frame 2	128320	1	
7	Pin, 3/8 in Clevis Retaining	F05012-136	2	
8	Pin, 3/8x1 3/32 Clevis Zinc Plated	F05012-8	2	
9	Plate, SLR Link Arm 2	128326	1	
10	Bolt, 3/8-16x1 HH Gr5	F05007-87	32	
11	Washer, 3/8 Flat SAE	F05011-3	40	
12	Plate SLR Link Arm Joint	128328	6	
13	Plate, SLR Brace	128311	4	
14	Nut, 3/8-16 Flanged Hex Nylock	F05010-222	32	
15	Washer, 3/8 Split Lock	F05011-4	8	
16	Bolt, 3/8-16x3/4 HH Gr5	F05007-118	8	

7.3 Frame 3

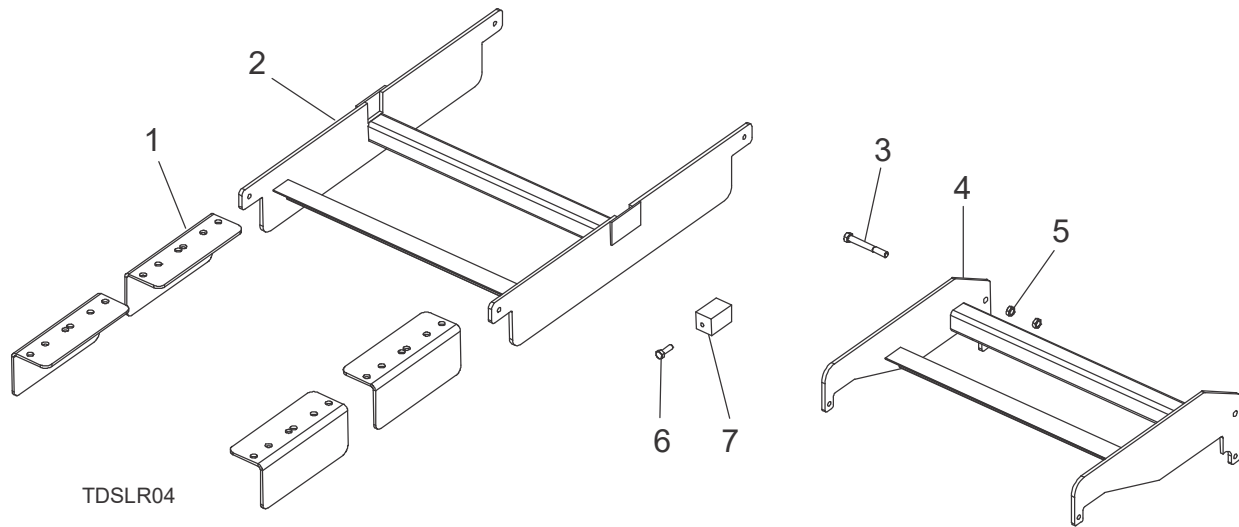


TDSLRO2-10

REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	ASSY, SLR FRAME 3	128380		
1	Pin, 5/8 in Clevis Retaining	F05012-135	3	
2	Bushing, .635x7/8x1/2 Bronze	105908	6	
3	Shaft, Cam Shakemaker (See Section 7.1)	A07329	2	
4	Cam Assy (See Section 7.1)	A07327	2	
5	Assy, SLR Clamp (See Section 7.1)	128378	2	
6	Assy, SLR Roller Bearing Arm (See Section 7.1)	110275	1	
7	Bolt, 1/2-13x2-1/4 HH Zn Gr2	F05008-124	1	
8	Spring	P05155	1	
9	Pin, 3/16x1 1/4 Roll	F05012-16	1	
10	Weldment, SLR Frame 3	128323	1	
11	Pin, 3/8 in Clevis Retaining	F05012-136	3	
12	Plate, SLR Link Arm 3	128327	1	
13	Pin, 3/8x1 3/32 Clevis Zinc Plated	F05012-8	3	
14	Bolt, 1/2-13x1 1/2 HH Gr5	F05008-33	4	
15	Washer, 3/8 Flat SAE	F05011-3 ¹	3	

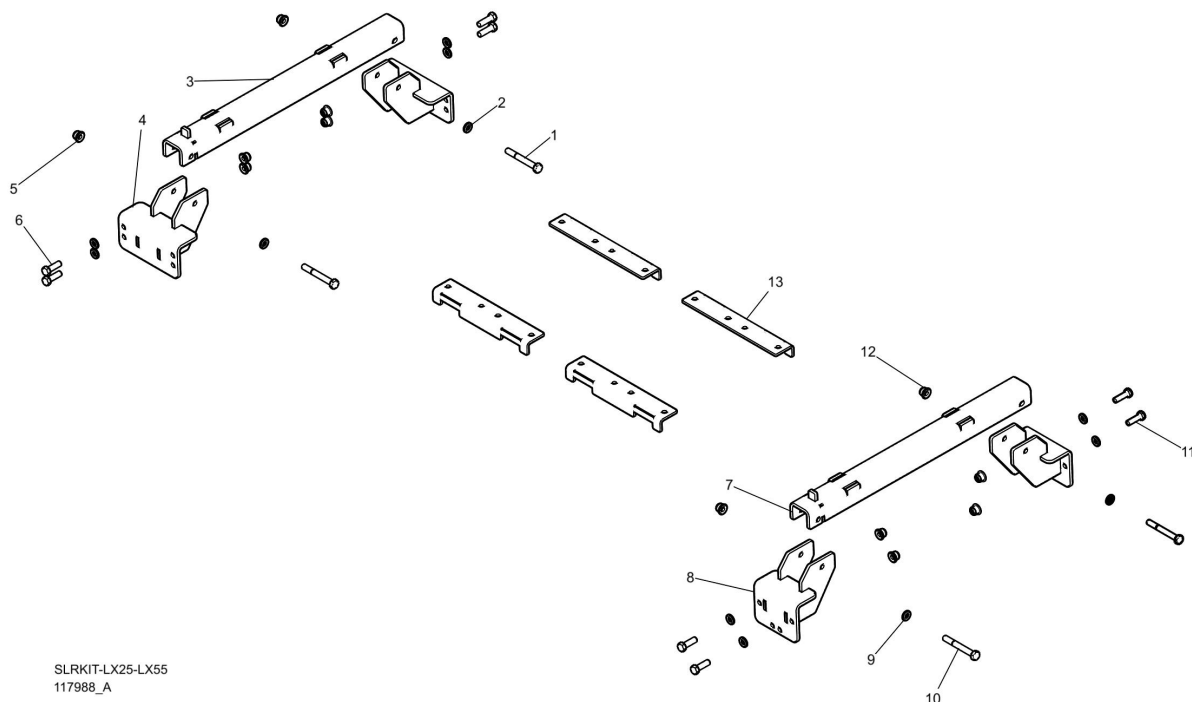
¹ F05011-3 added after 10/28/2021 per ECN 38204.

7.4 LT15 Adapters



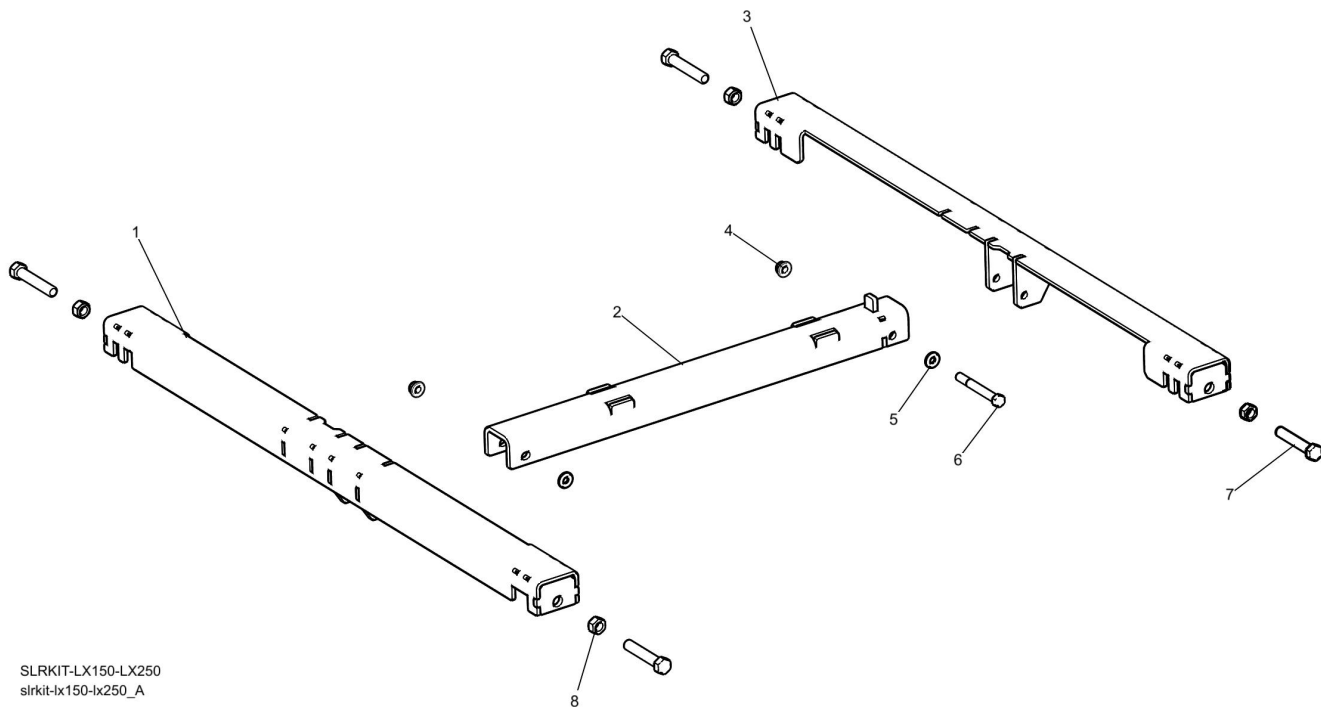
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	MOUNT ASSY, SLR/ LT15 BED REV. G.00	SLRKIT-LT15.1		
1	Plate, SLR LT15	130835	4	
2	Mount Wldmt, 5x2 LT15 SLR	006910	1	
	MOUNT ASSY, SLR/ LT15 BED REV E00 TO F00	SLRKIT-LT15		
3	Bolt, 3/8-16x3 HH Gr5	F05007-73	1	
4	Mount Weldment, LT15 SLR	047693	1	
5	Nut, 3/8-16 Jam	F05010-29	2	
6	Bolt, 5/16-18x1 Gr5 HH	F05006-27	1	
7	Block, SLR Stop	047694	1	

7.5 LX 25/55 Adapters



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.
	Assy, SLR-Mizer LX25/55 Install. Kit	SLRKIT-LX25-LX55	1
	Assy, Front Kit	117989	1
1	Bolt, M10-1.5x90 HH Class 8	f05022-22	2
2	Washer, M10 Flat	f05011-134	6
3	Wldmnt, Brace	117990	1
4	Wldmnt, Front Support	117994	2
5	Nut, M10-1.5 Flanged Nylon Lock	f05027-47	6
6	Bolt, M10-1.50 x 35MM HH Gr 8.8	f05022-18	4
	Assy, Rear Kit	117997	1
7	Wldmnt, Brace	117990	1
8	Wldmnt, Rear Support	117998	2
9	Washer, M10 Flat	f05011-134	6
10	Bolt, M10-1.5x90 HH Class 8	f05022-22	2
11	Bolt, M10-1.50 x 35MM HH Gr 8.8	f05022-18	4
12	Nut, M10-1.5 Flanged Nylon Lock	f05027-47	6
13	Bracket, SLR Brace	118120	4

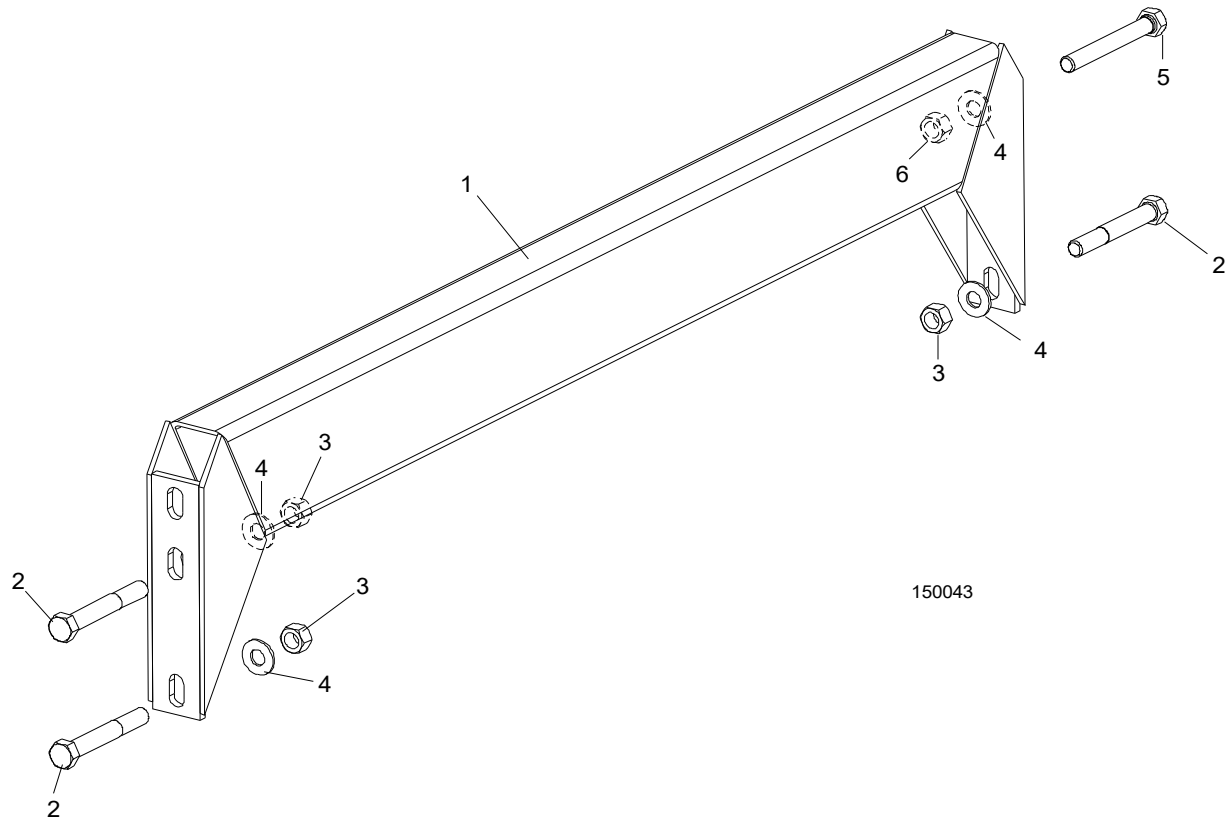
7.6 LX 150/250 Adapter



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.
	Assy, SLR LX150/250 Install. Kit	SLRKIT-LX150-LX250	1
1	Wldmnt, Left Support	118119	1
2	Wldmnt, Brace	117990	1
3	Wldmnt, Right Support	118115	1
4	Nut, 3/8-16 Flanged Hex Nylock	f05010-222	2
5	Washer, 3/8 SAE Flat	f05011-61	2
6	Bolt, 3/8-16X3 1/2 HH Gr5	f05004-123	2
7	Bolt, 1/2-13x3 HH FT G8	f05008-113	4
8	NUT, 1/2-13 FREE HEX, ZINC	f05010-35	4

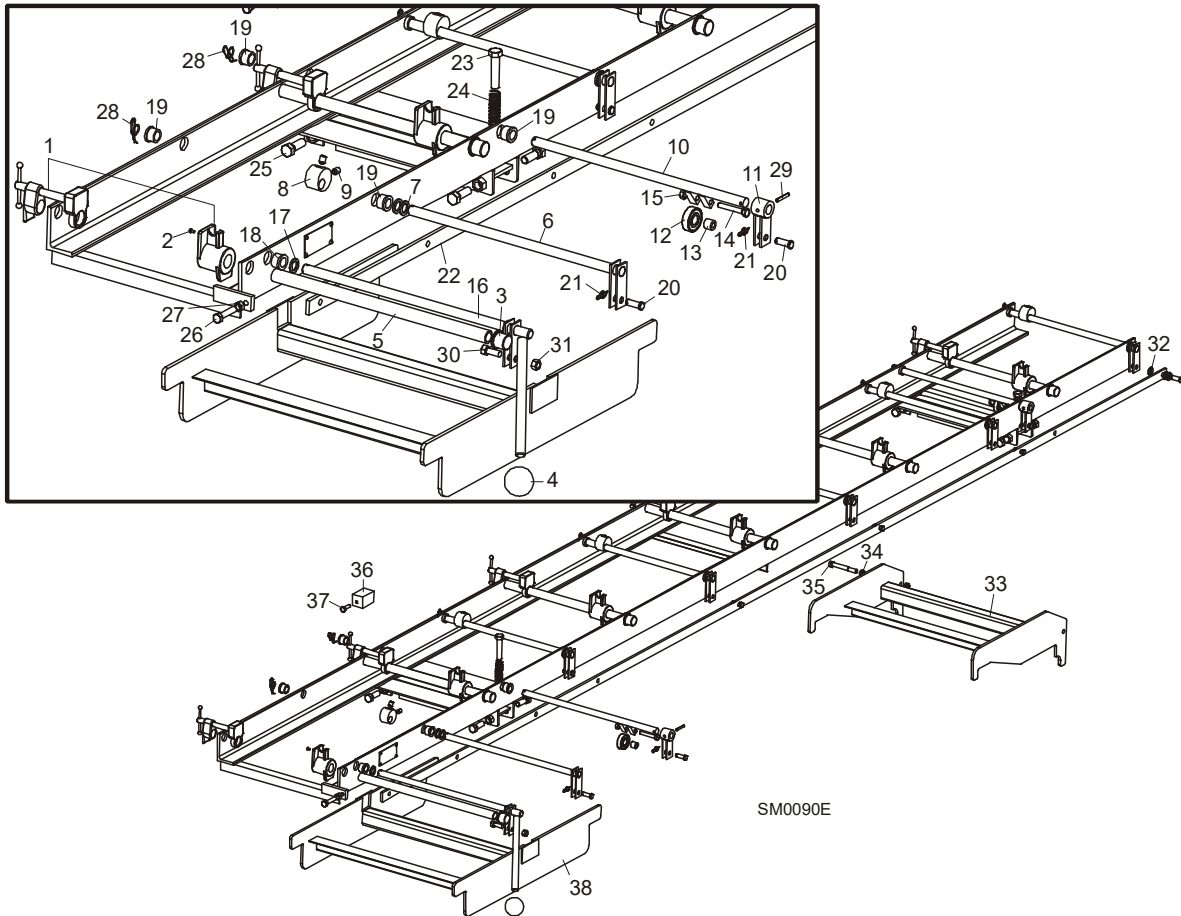
7.7 LT15 Auxiliary Bed Rail

Used for LT15 bed sections revisions A.00 through E.3.03.



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	RAIL KIT, LT15 SLR AUX BED RAILW/BLK	016037		
1	Rail Weldment, LT15 Aux Bed W/Block	016036	1	
2	Screw, 3/8-16x2 3/4 HHC	F05007-29	3	
3	Bolt, 3/8-16x3 FT HH	F05007-1	1	
4	Washer, 3/8 Flat SAE	F05011-3	4	
5	Nut, 3/8-16 Swaged Lock	F05010-25	4	
	Instr. Sheet, Aux Bed Rail W/Block	016037-829	1	

7.8 Shingle Lap Siding Resaw (revision A.00-F.01)



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	SHINGLE/LAP SIDING OPTION, COMPLETE	SLR	1	
	Clamp Assembly, SLR Pony	A05157	6	
1	Clamp, SLR Pony	P05144	1	◆
2	Screw, #6 X 1/4" Drive	F05015-6	1	
3	Cap, 1/2" Pipe End	P05146	6	
4	Knob, Plastic Round	P04211	1	
5	Shaft, Pony Clamp	P05120	6	
	Frame, Shingle/lap Siding Option	A07324	1	◆
	Cam Shaft Assembly	A07329	6	
6	Shaft, SLR Cam	W05138	1	◆
7	Washer, 5/8 I.d. X .100 Thick Nylon	F05011-19	1	
	Cam Roller Assembly	A07327	6	
8	Roller, SLR Cam	S05129	1	◆
9	Screw, 3/8-16 X 1/2" Socket Head Cup Point	F05007-12	2	
	Roller Bearing Shaft Assembly	A07326	2	
10	Shaft, SLR Roller Bearing	W05139	1	◆
11	Sleeve, Roller Shaft Pivot	W05136	1	
12	Bearing, 5/8" 6203-2NSL	P06030-1	1	

13	Bushing, SLR Roller Bearing	S05142	1	
14	Bolt, 5/16-18 X 2" Hex Head Full Thread	F05006-13	1	
15	Nut, 5/16-18 Hex Lock	F05010-6	1	
	Handle Assembly, SLR Replacement	016035	1	
	Handle Shaft Assembly	A07328	1	◆
16	Shaft, SLR Handle	W04977	1	◆
17	Washer, 5/8" X .100 Thick Nylon	F05011-19	2	
18	Bushing, .635x7/8x1/2 Bronz	105908	1	
19	Bushing, .635x7/8x1/2 Bronz	105908	17	
20	Pin, 3/8" X 1 3/32" Clevis	F05012-8	8	
21	Pin, 3/8" Clevis Retaining	F05012-136 ¹	8	
22	Link Arm, SLR	S05140	1	
23	Bolt, 1/2-13 X 2 1/4" Hex Head Full Thread	F05008-2	2	
24	Spring, SLR Adjustment	P05155	2	
25	Bolt, 1/2-13 X 1 1/2" Hex Head	F05008-3	8	
26	Bolt, 3/8-16 X 1 3/4" Hex Head Full Thread	F05007-19	1	
27	Nut, 3/8-16 Hex	F05010-1	1	
28	Pin, 1/8" X 1" Cotter	F05012-1	9	
29	Pin, 5/8" Clevis Retaining	F05012-135 ¹	2	
30	Bolt, 3/8-16 x 1" Hex Head	F05007-7	2	
31	Nut, 3/8-16 2-way Self-locking	F05010-25	2	
32	Washer, 3/8" Flat	F05011-3	3	
	INSTALL KIT, LT15 SLR (Required for LT15 Rev. E4.00 - E6.03, Bed Rev. E.00 - F.00)	SLRKIT-LT15	1	
33	Mount Weldment, LT15 SLR	047693 ²	1	
34	Nut, 3/8-16 Hex Jam	F05010-29	2	
35	Bolt, 3/8-16 x 3" Hex Head Grade 5	F05007-73	1	
36	Block, SLR Stop	047694	1	
37	Bolt, 5/16-18 x 1" Hex Head Grade 5	F05006-27	1	
38	INSTALL KIT, LT15 SLR (Required for LT15 Rev. E6.04+, Bed Rev. G.00+)	SLRKIT-LT15.1	1	

¹ 3/8" Clevis Retaining Pin (F05012-136) replaces 3/32 x 3/4" Cotter Pin (F05012-9) and 5/8" Clevis Retaining Pin (F05012-135) replaces 3/16" X 1 1/4" Roll Pin (F05012-16) (11/10). (3/32 x 3/4" Cotter Pin (F05012-9) previously replaced F05012-44 1/16" x 1" Cotter Pin.)

² Mount Weldment 047693 modified 10/07 to allow SLR to mount to new Rev. F.00 bed assemblies (LT15 Rev. E6.03). Mount will still work on old-style bed assemblies.