

OPERATION, PARTS AND SAFETY MANUAL

SIGNODE®

AM

COMBINATION STRAPPING TOOL

IMPORTANT! DO NOT DESTROY

It is the customer's responsibility to have all operators and servicemen read and understand this manual.

Contact your local Signode representative for additional copies of this manual.

READ ALL INSTRUCTIONS BEFORE OPERATING THIS SIGNODE PRODUCT

WARNING

READ THESE INSTRUCTIONS CAREFULLY.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN SEVERE PERSONAL INJURY.

GENERAL SAFETY CONSIDERATIONS

1. STRAP BREAKAGE HAZARD.

Improper operation of the tool or sharp corners on the load can result in strap breakage during tensioning, which could result in the following:

- A sudden loss of balance causing you to fall.
- Both tool and strap flying violently towards your face.

Failure to place the strap properly around the load or an unstable or shifted load could result in a sudden loss of strap tension during tensioning. This could result in a sudden loss of balance causing you to fall.

- If the load corners are sharp use edge protectors.
- Positioning yourself in-line with the strap, during tensioning and sealing, can result in severe personal injury from flying strap or tool. When tensioning or sealing, position yourself to one side of the strap and keep all bystanders away.

2. TRAINING.

This tool must not be used by persons not properly trained in its use. Be certain that you receive proper training from your employer. If you have any questions contact your Signode Representative.

3. EYE INJURY HAZARD.

Failure to wear safety glasses with side shields can result in severe eye injury or blindness. Always wear safety glasses with side shields which conform to ANSI Standard Z87.1 or EN 166.



4. FALL HAZARD.

Maintaining improper footing and/or balance when operating the tool can cause you to fall. Do not use the tool when you are in an awkward position.

5. CUT HAZARD.

Handling strap or sharp parts could result in cut hands or fingers. Wear protective gloves.



6. TOOL CARE.

- Inspect and clean the tool daily. Replace any worn or broken parts.
- Lubricate all moving parts weekly.

7. WORK AREA.

Keep work areas uncluttered and well lighted.

⚠ WARNING

Use the correct Signode products for your application. If you need help contact your Signode Representative.

Signode tools and machines are designed and warranted to work together with Signode strapping and seals. Use of non-Signode strap, seals and/or manufactured or specified replacement parts may result in strap breakage or joint separation while applying strapping to a load or during normal shipping and handling. This could result in severe personal injury.

JOINT FORMATION

1. Before using this tool, read its Operation and Safety Instructions contained in this manual.

2. This tool is a double notch type sealer. Each joint must be inspected to make certain it has four (4) good notches. A properly formed joint will appear as shown in the illustration. If the joint does not appear as shown, then the operator must proceed as follows:



A. Make certain that the tool's operating instructions are being followed before applying another strap.

B. Cut the strap off and apply a new strap and seal.

C. An improperly formed seal which does not have four (4) good notches, could result in strap separation. Before moving any package be certain that the seal is formed as shown. Inspect the joint to make certain it appears as shown in the illustration. If not, remove the strap and check the tool for worn or broken parts. Repair the tool before applying another strap.

NOTE: NOTCHES MUST BE EQUALLY SPACED ALONG THE ENTIRE LENGTH OF THE SEAL. FAILURE TO EQUALLY SPACE THE NOTCHES COULD RESULT IN STRAP SEPARATION.

MOVING AND STACKING STRAPPED LOADS

Before moving or stacking any strapped load, follow all standard industry practices regarding safe material handling procedures.

CUTTING TENSIONED STRAP

FLYING STRAP HAZARD.

Using claw hammers, crowbars, chisels, axes or similar tools will cause tensioned strap to fly apart with hazardous force. Use only cutters designed for cutting strap. Read the instructions in the cutters manual for proper procedure in cutting strap. Before using any Signode product read its Operation and Safety Manual.

TABLE OF CONTENTS

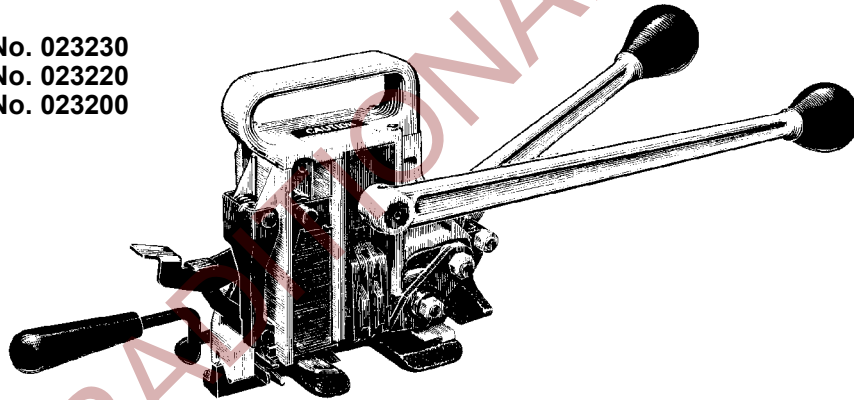
General Safety Information	2
Specifications	4
Operating Instructions	5
Sealing Operation	6
Joint Formation	7
Parts Replacement	8
Maintenance	9
Parts List	10
Troubleshooting	15
Tool Options	17

⚠ WARNING

Signode tools and machines are designed and warranted to work together with Signode strapping and seals. Use of non-Signode strap, seals and/or manufactured or specified replacement parts may result in strap breakage or joint separation while applying strapping to a load or during normal shipping and handling. This could result in severe personal injury.

When using 3/4 x .031 (19 x 0.79mm) strapping, tool conversion kit, part #306815, must be installed. Failure to install this kit could result in poor performance, component failure or an improperly formed seal which does not have four (4) good notches. See Page 17 for additional information and details.

AM-12, Part No. 023230
 AM-58, Part No. 023220
 AM-34, Part No. 023200



SPECIFICATIONS

MODEL	TYPE	STRAP		SEALS
		WIDTH	THICKNESS	
AM-12	APEX & MAGNUS	1/2" (12.7mm)	.015" - .023" (.38mm - .58mm)	12AMP
AM-58		5/8" (15.8mm)		58/34AMP
AM-34		3/4" (19.1mm)	.015" - .025" (.38mm - .64mm)	
AM-3431*		.015" - .031" (.38mm - .79mm)		

* Review Warning information above regarding .031" (.79mm) strapping.

OPERATING INSTRUCTIONS

⚠ WARNING

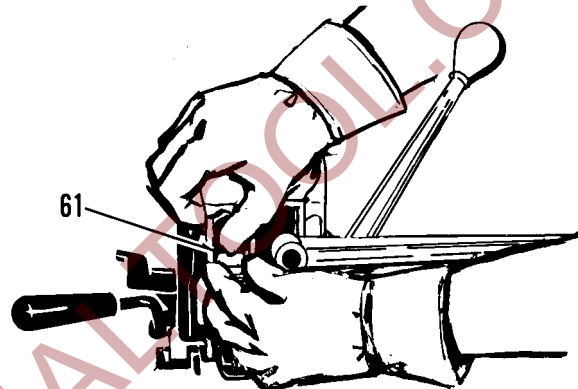
Wear safety glasses which conform to ANSI Standard Z87.1 or EN 166.

Stand to one side of the strap while tensioning.
Make sure all bystanders are clear before proceeding.

Failure to follow the above could result in severe personal injury.

LOADING SEALS

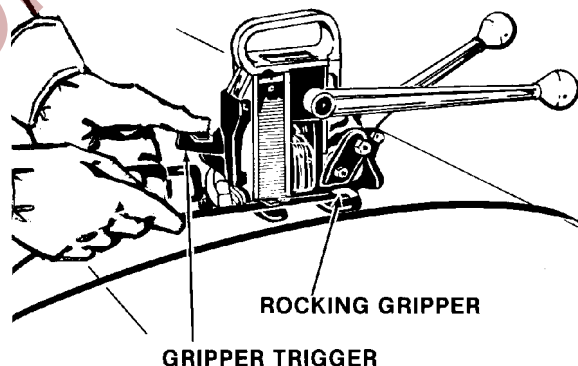
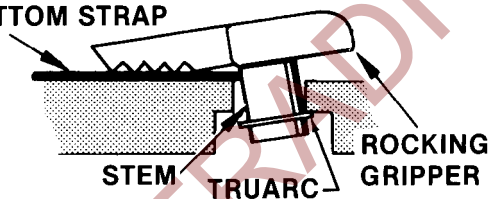
An extension on the seal pad (61) closes the top strap loading slot as a reminder to add seals. Raise the seal pad assembly and insert a stack of seals in the side of the seal magazine. Make sure the seal stack is pushed all the way in. You may load seals at any time without waiting for seals to run out, because you can break a stack and load as many or as few as you wish.



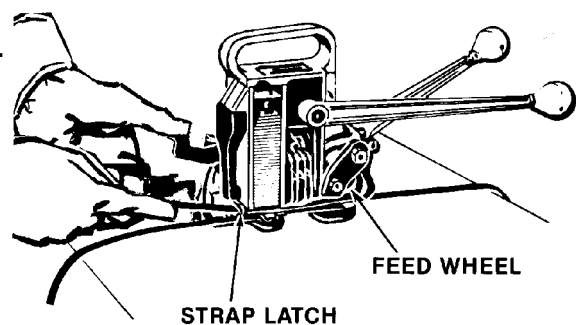
STRAPPING TIE

1. Encircle the package with the strap and insert the bottom strap-end under the rocking gripper. Push it forward until it contacts the gripper stem. Press the gripper trigger to actuate the holding gripper.

BOTTOM STRAP



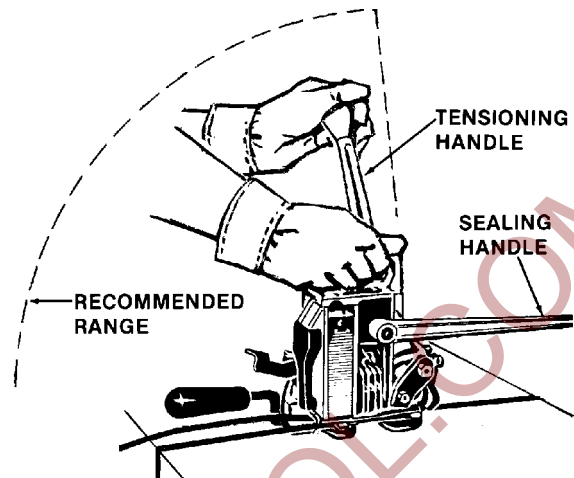
2. Insert the top strap under the feedwheel and insert it sideways into the slot of the strap latch. Pull the excess slack from the strap.



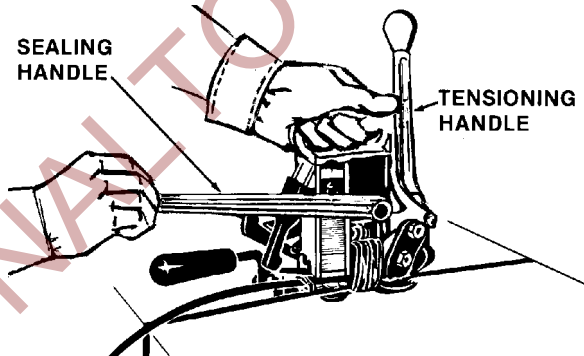
OPERATING INSTRUCTIONS, Continued

3. While standing to one side of the strapping line, pull the tensioning handle back then push it forward. Repeat this action until the desired tension has been drawn.

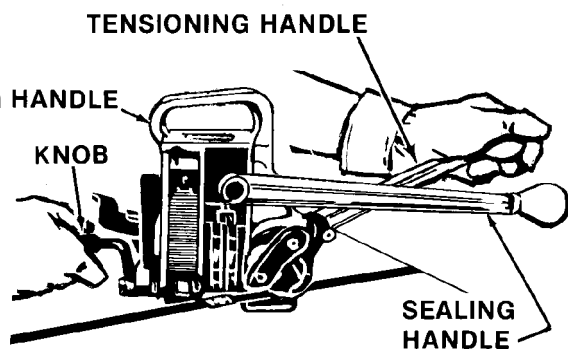
Do not push the handle too far forward, as a loss of tension could occur. Note the dotted line in the illustration to the right.



4. Complete the sealing and cut off action by pulling the sealing handle to its full rear position.



5. To remove the tool from the tensioned strap, return both the tensioning and sealing handles to their forward positions. Place your left hand on the tensioning handle and your right hand on the knob. Swing the rear of the tool to your left until it is free of the strap. Inspect the joint to make sure the tool has properly notched the seal.



JOINT FORMATION

WARNING

Before using this tool, read its Operation and Safety Instructions contained in this manual.

This tool is a double notch type sealer. Each joint must be inspected to make certain it has four (4) good notches. A properly formed joint will appear as shown in the illustration. If the joint does not appear as shown, then the operator must proceed as follows:



1. Make certain that the tool's operating instructions are being followed before applying another strap.
2. Cut the strap off and apply a new strap and seal.
3. An improperly formed seal which does not have four (4) good notches, could result in strap separation. Before moving any package be certain that the seal is formed as shown. Inspect the joint to make certain it appears as shown in the illustration. If not, remove the strap and check the tool for worn or broken parts. Repair the tool before applying another strap.

NEVER HANDLE OR SHIP ANY LOAD WITH IMPROPERLY FORMED JOINTS. Misformed joints may not secure the load and could cause serious injury. Follow the joint inspection procedures in each sealer's manual.

PARTS REPLACEMENT

MAGAZINE AND SEALER MECHANISM

To disassemble the tool, refer to Figures 8, 9, and 10, and proceed as follows:

1. Remove the seals from the magazine (65) and the sealer jaws.
2. Release the gripper lever (60) by pressing down on the gripper trigger (56).
3. Loosen the cutter adjustment set screw (9).
4. Remove the two magazine screws (6 and 8) on the left side of the sealer frame.
5. Remove the two socket head cap screws (37) from the bottom of the tensioner frame (39).
6. Pivot the rear of the tensioner frame away from the sealer frame and tilt the top of the magazine away from the sealer mechanism and lift the magazine assembly out.
7. Remove the sealer mechanism from the sealer frame.
3. Be sure the strap guide spring (36) is in its proper position in the tensioner frame. Swing the tensioner frame up against the sealer frame and insert and tighten the two socket head cap screws (37) through the tensioner frame.
4. Insert the magazine screws (6 and 8) through the sealer frame and into the magazine. Snug - do not tighten at this time.
5. Move the sealer handle to the vertical position to bring the sealer mechanism to the full down position. Adjust the cutter adjustment screw (9) and tighten both magazine screws (6 and 8).
6. Insert a stack of seals into the magazine. Operate the sealer mechanism through 3 or 4 cycles to check tightness of the cutter adjustment screw and see that the seals feed properly. If the sealer mechanism is excessively tight, back off the cutter adjustment set screw slightly. Next, apply a strap under tension to be sure that all elements of the tool operate properly.

The magazine and the sealer mechanisms are now accessible for examination and replacement of worn or broken parts. The sealer mechanism is serviced by removing the cutter blade (75). Clean all parts. Replace jaws and notchers (76, 77 and 78) as required. Note that the outer jaws can be reversed front to back to provide new cutting edges, thus doubling the life of the parts. After the necessary repairs have been made, grease the parts.

To reassemble:

1. Place the sealer handle in a horizontal position and insert the sealer mechanism. The hook on the sealer cam (89) must be placed over the cam roller (3) in the sealer frame.
2. With the sealer mechanism in place, push down lightly on the sealer handle to keep the sealer mechanism in place and insert the magazine assembly by placing the lower portion of the magazine between the sealer mechanism and the sealer frame. Tip the top forward to bring it into proper alignment.

EJECTOR AND EJECTOR LEVER ASSEMBLY

1. Remove the seals from the magazine (65).
2. Remove the Truarc (49) from the left side of the ejector pin (64).
3. Drive out the ejector pin from the tension handle side.
4. Remove the ejector lever spring (55).
5. Hold the gripper lever (60) down and pull out the ejector lever (50).

To disassemble the ejector:

1. Remove the Truarc (53) from the ejector pin (54).
2. Remove the pin (54), ejector (52), and spring (51). Replace the ejector lever and/or the ejector as necessary.
3. Reassemble with the new ejector by following the above steps in reverse order.

NOTE: If only the ejector needs to be replaced, it can be removed without removing the ejector lever by following the above three steps.

To reassemble the ejector lever:

1. Insert the ejector (52) into the cutter block (67) slot. Hold the gripper lever (60) down and slide the ejector lever (50) into position.
2. Start the ejector pin (64) through the right side of the ejector lever and the magazine.
3. Insert the ejector lever spring (55).
4. Insert a punch from the tension handle side to hold the spring in alignment.
5. Tap the ejector pin (64) in from the sealer handle side, removing the aligning punch at the same time.
6. Push on the lower part of the ejector lever (50) to align the holes on the left side of the magazine. Finish tapping in the ejector arm pin (64).
7. Replace the Truarc (49).
8. Insert seals in the magazine.

Operate the sealer mechanism through 3 or 4 cycles to determine that the seals feed properly.

Next, apply a strap under tension to be sure that all elements of the tool operate properly.

FEEDWHEEL (43)

To change a dirty or worn feedwheel, remove the left-hand threaded nut (47) from the feedwheel shaft (32) and the lock nut (45) from the support shaft (22). With the gear housing (31) in the up position, remove the right-hand washer (25), the side plate (44) and the feedwheel (43). Replace the feedwheel and reassemble the parts in reverse order.

NOTE: Inspect side bushing (46) for wear or damage while replacing the feedwheel. Replace the side bushing if necessary.

ROCKING GRIPPER (48)

Turn the tool on its side. The gear housing should be in the up position. With a pair of Truarc pliers, remove the Truarc (49) from the rocking gripper stem (48).

Push the rocking gripper up and out. Insert a new rocking gripper and reinstall the Truarc.

CUTTER ADJUSTMENT

If the cutter on the tool does not cut properly, loosen the shoulder bolt (6) and cap screw (8), and adjust set screw (9) to remove clearance between the cutter blade and the cutter block. Adjust with the jaws in the down position. Do not over tighten as the sealing mechanism can be bound by this adjustment. When adjustment has been made, retighten the shoulder bolt and cap screw.

MAINTENANCE

Clean and apply proper lubrication to all moving parts on a weekly basis. Clean the feedwheel daily with a wire brush (Signode Part No. 023963). Debris accumulated in the teeth of either the feedwheel or the clutch plug must be removed with a small wire brush. A need to clean the teeth will become apparent when either the feedwheel skids on the strap or the lower strap slips on the clutch plug during tensioning.

PARTS LIST

<u>KEY</u>	<u>QTY.</u>	<u>AM-12</u>	<u>AM-58</u>	<u>AM-34</u>	<u>DESCRIPTION</u>
1	3	004618	004618	004618	Socket head cap screw, #10-24 x 5/8
2	1	023232	023232	023232	Handle
3	1	023211	023211	023211	Cam roller
4	1	023210	023210	023210	Cam roller pin
5	1	004958	004958	004958	Roll pin, 1/8 x 7/8
6	1	023217	023217	023217	Shoulder scr., 3/8 D x 3/8 L 5/16-18 x 1/2
7	1	267631	267631	267631	Sealer frame
8	1	009016	009016	009016	Socket head cap screw, 5/16-18 x 1
9	1	023352	023352	023352	Set screw, 1/4-20 x 1/2
10	1	005197	005197	005197	Roll pin, 5/32 x 11/16
11	1	005185	005185	005185	Tensioner pawl
12	1	005186	005186	005186	Pawl spring
13	1	023219	023219	023219	Tensioner pinion
14	1	023234	023234	023234	Tensioner handle
15	2	010054	010054	010054	Knob
16	2	010057	010057	010057	Roll pin, 1/4 x 1 3/4
17	1	007707	007707	007707	Detent washer
18	1	005279	005279	005279	Detent bushing
19	1	005165	005165	005165	Detent spring
20	1	005164	005164	005164	Detent plunger
21	1	023222	023222	023222	Handle bushing
22	1	023216	023216	023216	Support shaft
23	1	005192	005192	005192	Retaining pawl pin
24	2	003911	003911	003911	Lock nut, 5/16-24
25	2	005208	005208	005208	Feedwheel washer
26	1	023214	023214	023214	Tensioner gear
27	1	001611	001611	001611	Cotter pin, 3/32 x 3/4
28	1	005141	005141	005141	Short retaining pawl
29	1	005139	005139	005139	Long retaining pawl
30	2	005191	005191	005191	Retaining pawl spring
31	1	023242	023242	023242	Gear housing
32	1	023213	023213	023213	Feedwheel shaft
33	3	005211	005211	005211	Lock nut, 5/16-18
34	1	008852	008852	008852	Knob
35	1	023248	023248	023248	Handle weldment
36	1	020643	020643	020643	Strap guide spring
37*	2	009041	009041	009041	Socket head cap screw, 1/4-20 x 3/4
38	2	008153	008153	008153	Flat head socket cap screw, 5/16-18 x 3/4
39	1	422777	422777	422777	Tensioner frame (See Note "D" on page 14.)
40	1	023218	023218	023218	Gear housing spring
41	1	023244	023244	023244	Detent stop
42	1	006566	006566	006566	Spring washer
43	1	006564	006564	006564	Feedwheel
44	1	023225	023224	023212	Side plate
45	2	003868	003868	003868	Lock nut, 3/8-24, thin
46	1	006567	006567	006567	Side plate bushing
47	1	005209	005209	005209	L. H. nut, 5/16-24
48	1	023762	023763	023764	Rocking gripper
48A	1	023295	023296	023297	Gripper, alternate
49	3	005054	005054	005054	Truarc, #5100-31
50	1	023215	023215	023215	Ejector lever
51	1	023348	023348	023348	Ejector spring
52	1	020619	020619	020619	Ejector

* Use Loctite #242, Signode Part No. 422795.

PARTS LIST Continued

<u>KEY</u>	<u>QTY.</u>	<u>AM-12</u>	<u>AM-58</u>	<u>AM-34</u>	<u>DESCRIPTION</u>
53	1	026866	026866	026866	Truarc
54	1	020621	020621	020621	Ejector pin
55	1	020664	020664	020664	Ejector lever spring
56	1	023756	023756	023756	Gripper trigger
57	1	023766	023766	023766	Truarc, #5133-25
58	1	023765	023765	023765	Trigger pivot
59	1	020635	020635	020635	Gripper spring
60	1	023758	023758	023758	Gripper lever
61	1	423342	423342	423342	Seal pad assembly
62	1	020640	020640	020640	Magazine spring
63*	2	004939	004939	004939	Drive screw, #2 x 3/16
64	1	020622	020622	020622	Ejector pin
65	1	020862	020689	020689	Magazine
66	1	007150	007150	007150	Dowel pin, 3/16 x 7/8
67	1	020853	020620	020620	Cutter block
68	1	020662	020662	020662	Strap guide pin
69	1	020601	020601	020601	Strap latch, fixed
70	1	020858	020604	020603	Strap latch, moveable
71	2	003914	003914	003914	Socket head cap screw
72	1	020628	020628	020628	Holding gripper
73	1	286374	286374	286374	Safety sign
74	1	023241	023241	023241	Roller pin
75	1	020618	020618	020618	Cutter blade
76	4	023226	055926	023201	Outer jaw
77	2	306537	020607	020606	Notcher
78	2	023227	055928	023202	Jaw
	2	-	-	306814	Jaw (AM-3431 Option)
79	2	023203	023203	023203	Flat toggle link
80	2	020605	020605	020605	Notcher pin
81	2	020627	020627	020627	Toggle pin
82	1	023204	023204	023204	Forked toggle link
83	2	020615	020615	020615	Jaw pin
84	2	004500	004500	004500	Steel ball, 1/4 dia.
85	1	005158	005158	005158	Rack lock spring
86	1	023206	023206	023206	Rack pin
87	1	023205	023205	023205	Rack
88	1	004727	004727	004727	Washer
89	1	023208	023208	023208	Cam
90	1	023209	023209	023209	Sealer pinion bearing
91	1	010019	010019	010019	Roll pin, 1/4 x 1
92	1	023207	023207	023207	Sealer pinion
93	1	023229	023228	023228	Jaw support
94	1	023221	023221	023221	Short pinion bearing
95	1	423331	423331	423331	Sealer handle
	1	-	-	015767	Sealer handle (AM-3431 Option)
96	1	433398	433398	433398	Safety sign
97	1	003132	003132	003132	Safety sign
98	1	253951	253952	253953	Nameplate
	1	-	-	286361	Nameplate (AM-3431 Option)
99	1	023245	023245	023245	Tensioner handle assembly
100	1	423331	423331	423331	Sealing handle assembly
101	1	263383	263384	266908	Rear guide pad
102	2	261854	261853	-	Wear plug
103	1	-	-	266907	Wear plug

* Use Loctite #242, Signode Part No. 422795.

⚠ WARNING

Inspect all parts daily and replace them if they are worn or broken. Failure to do this can affect a product's operation and could result in serious personal injury.

- When ordering parts, please show model, part number and description.
- Standard hardware parts may obtained at any local hardware supply.
- Recommended spare parts are underlined and should be stocked.

Apply a thin coating of Lubriplate 3000W grease (Signode Part No. 422793) to all moving parts of this assembly.

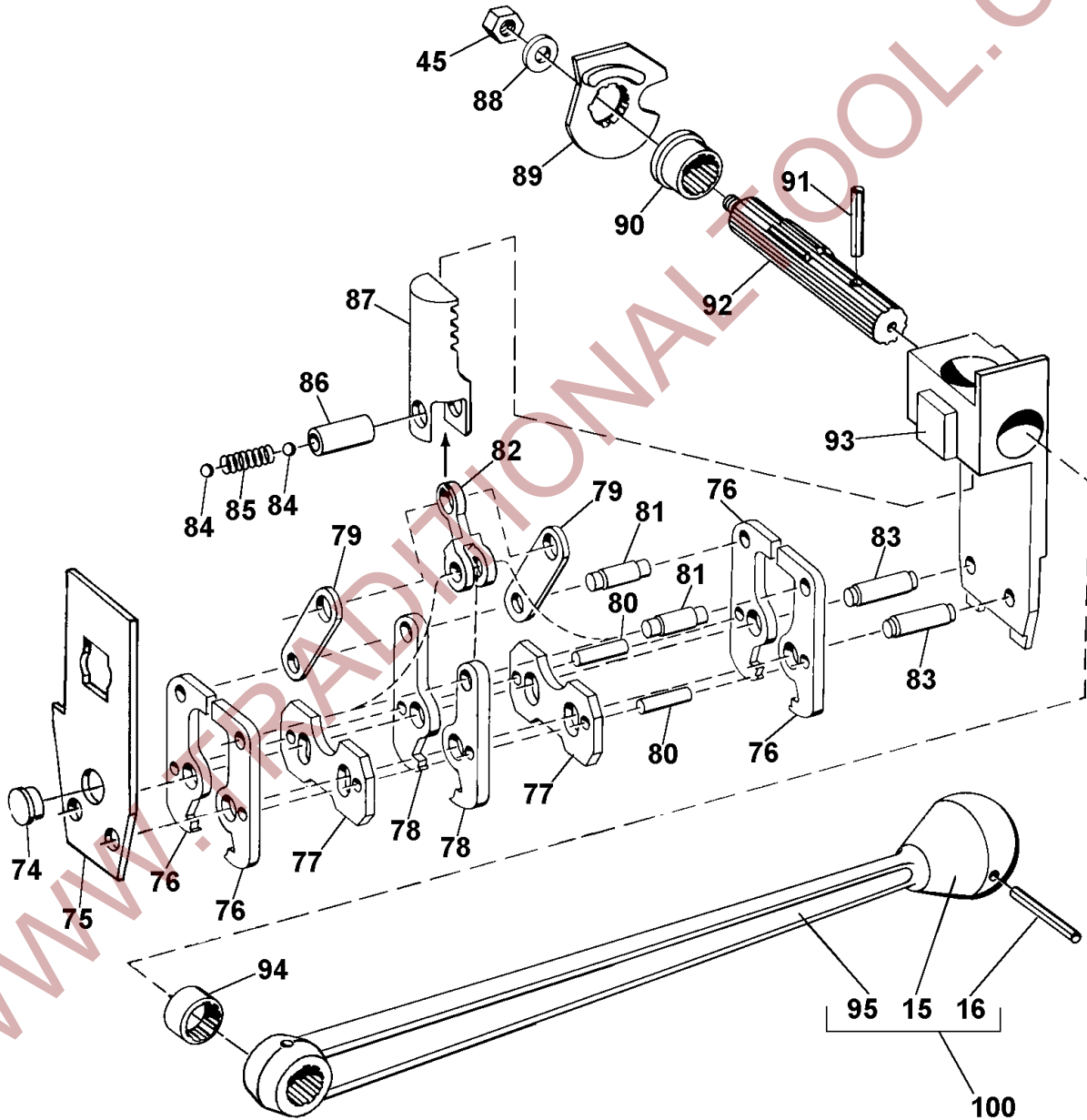


FIGURE 8. SEALING MECHANISM

⚠ WARNING

Inspect all parts daily and replace them if they are worn or broken. Failure to do this can affect a product's operation and could result in serious personal injury.

Apply a thin coating of Lubriplate 3000W grease (Signode Part No. 422793) to all moving parts of this assembly except for the Feedwheel, Key 43.

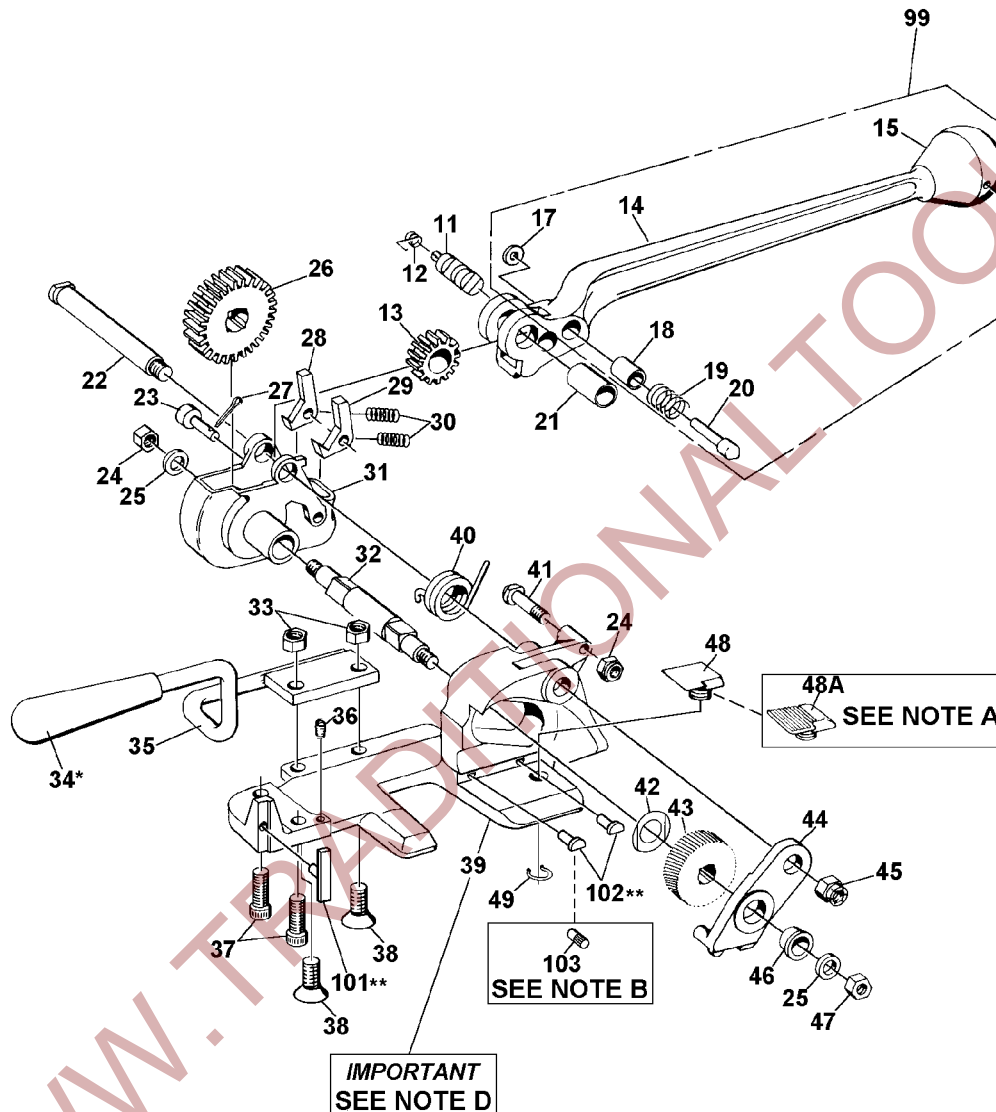


FIGURE 9. TENSIONING MECHANISM

* Apply one drop of Loctite #242 (Blue) Threadlocker (Signode P/N 422795) to cleaned parts. Allow 12 hours to set if possible. Do not apply to small screws or close to moving parts as liquid spreads easily.

** Apply one drop of Loctite #271 (Red) Threadlocker (Signode P/N 422796) to cleaned parts. Allow 12 hours to set if possible. Do not apply to small screws or close to moving parts as liquid spreads easily.

Apply a thin coating of Lubriplate 3000W grease (Signode Part No. 422793) to all moving parts of this assembly.

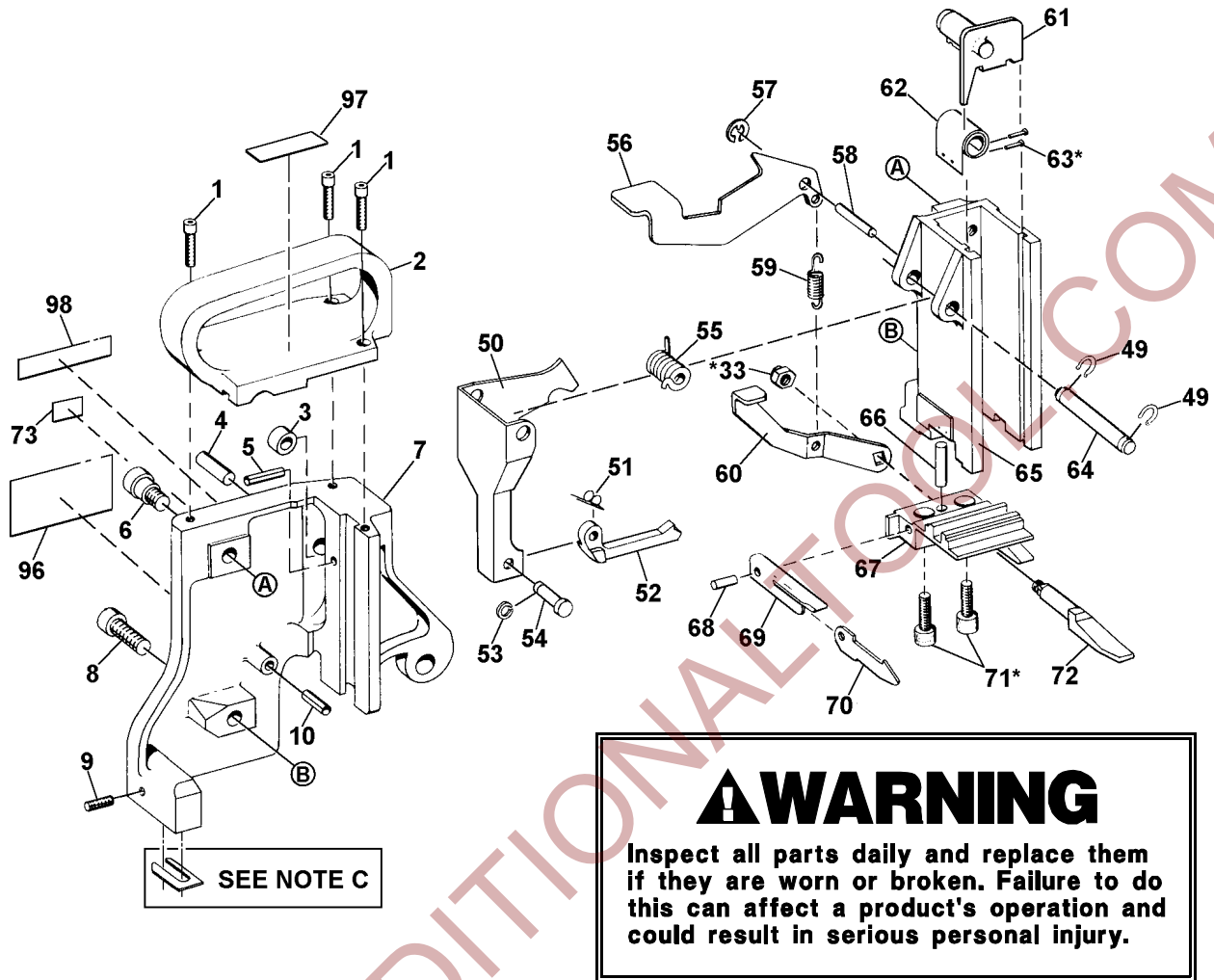


FIGURE 10. MAGAZINE ASSEMBLY

NOTES:

- A. For applications requiring a longer length of bottom strap, an alternate gripper (48A) is available by special order. When using alternate gripper, tool is threaded with both straps on top of the gripper.
- B. Key 103 replaces Keys 102 on AM-34 tools. Only one Key 103 is used and is installed into the rear mounting hole.
- C. Add shims as required to allow for strap to be easily inserted under the holding gripper. Remove shims as required if strapping pulls out from holding gripper during tensioning.

Shims are available in the following sizes: .015" (0.38mm), Signode P/N 024772
 .020" (0.50mm), Signode P/N 024773
 .025" (0.63mm), Signode P/N 024774

- D. If replacing the Tensioner Frame (Key 39, Part No. 422777), please remember to order the Rear Guide Pad (Key 101) and Wear Plug (Key 103) for the appropriate strap size.

TROUBLESHOOTING

The following items are the most common tool symptoms if problems should occur. For symptoms or remedies not shown, contact your Signode service representative for additional information and details. The following tool symptoms are shown in this manual:

- #1 SYMPTOM: Feedwheel slips on top strap during tensioning.
- #2 SYMPTOM: Bottom strap slips out of tool during tensioning.
- #3 SYMPTOM: Strap joints failing after tool removal.
- #4 SYMPTOM: Sealing mechanism crushes or deforms seals.
- #5 SYMPTOM: Tool will not cut off strap after sealing.
- #6 SYMPTOM: Seals do not fully eject and/or cutter blade cuts off seal ends.
- #7 SYMPTOM: Ejector does not pick up seals.

#1 SYMPTOM: Feedwheel slips on top strap during tensioning.	
CAUSE	REMEDY
1. Feedwheel teeth packed with dirt or grit.	1. Clean feedwheel teeth with wire brush.
2. Feedwheel teeth worn or chipped.	2. Replace the feedwheel.
3. Side plate bushing is worn.	3. Check I.D. of bushing to determine if hole is elongated. Replace if visually elongated.
4. Strap not properly aligned - side plate coming down on strap.	4. Align strap in tool properly.

#2 SYMPTOM: Bottom strap slips out of tool during tensioning.	
CAUSE	REMEDY
1. Rocking gripper teeth packed with dirt or grit.	1. Clean Rocking gripper teeth with wire brush.
2. Rocking gripper teeth worn or chipped.	2. Replace the rocking gripper.

#3 SYMPTOM: Strap joints failing after tool removal.	
CAUSE	REMEDY
1. Wrong size jaws in tool.	1. Check that jaws and tool size match strap size being used.
2. Low joint strength caused by worn sealer mechanism parts.	2. Examine sealer mechanism for worn jaws, notchers and pins. Replace as required.
3. Application related; i.e., strap not strong enough to contain load; load subjected to impact; load expands after being strapped.	3. Review application to determine that strap-seal-tool in use is adequate for application.

TROUBLESHOOTING, Continued

#4 SYMPTOM: Sealing mechanism crushes or deforms seals.	
CAUSE	REMEDY
1. Wrong size jaws in tool.	1. Check that jaws and tool size match strap size being used.
2. Strap misaligned.	2. Align strap properly when loading tool.

#5 SYMPTOM: Tool will not cut off strap after sealing.	
CAUSE	REMEDY
1. Cutter blade out of adjustment.	1. Adjust cutter. See Adjustments on page 9.
2. Cutter blade worn.	2. Replace cutter blade.
3. Cutting leg on cutter block worn or broken.	3. Replace cutter block.

#6 SYMPTOM: Seals do not fully eject and/or cutter blade cuts off seal ends.	
CAUSE	REMEDY
1. Broken ejector spring (51).	1. Replace ejector spring.
2. Severely worn tip on ejector (52).	2. Replace ejector.
3. Severely worn cutter blade (75).	3. Replace cutter blade.
4. Bent or cracked ejector lever (50).	4. Check by examining ejector lever for cracks. Replace if bent or cracked.
5. Screws (71) securing cutter block to magazine are loose.	5. Disassemble tool, remove screws. Add one drop of Loctite #242 to each screw and reassemble.

#7 SYMPTOM: Ejector does not pick up seals.	
CAUSE	REMEDY
1. Seals improperly seated in cutter block track.	1. Position seals properly.
2. Dirt in cutter block rear track.	2. Brush dirt out of cutter block rear track.
3. Broken or worn ejector tip.	3. Replace ejector.
4. Screws securing cutter block to magazine are loose.	4. Disassemble tool and tighten screws. Add one drop of Loctite #242 to each screw and reassemble.
5. Broken or bent ejector lever (50).	5. Replace ejector lever.

TOOL OPTIONS

The following options are available for the AM tools as noted.

SKID HOOK WITH ADAPTER

All AM tools can be equipped to hang off the side of a load to apply vertical straps. This option frees the operator to use the tool with both hands. The hook can be ordered in varying lengths to place the final strap joint as close as possible to the center of the load.

<u>DESCRIPTION</u>	<u>PART NO.</u>
Skid hook, 8"	005228
Skid hook, 11"	005195
Skid Hook, 15"	005230
Adapter	005595

AM-3431 CONVERSION, Kit No. 306815

The AM-34 tool can be converted to use 3/4" (19mm) Magnus strap up to .031" (.78mm) thick. AM-34 tools converted to AM-3431 continue to use 34AMP type seals.

! WARNING

When using 3/4 x .031 (19 x 0.79mm) strapping, tool conversion kit, part #306815, must be installed. Failure to install this kit could result in poor performance, component failure or an improperly formed seal which does not have four (4) good notches.

The conversion kit contains the following components which are to be substituted for existing components:

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
78	2	306814	Jaw
95	1	015767	Sealer handle
98	1	286369	AM-3431 Nameplate