



ORIGINAL OPERATION, PARTS & SAFETY MANUAL

RCBS-1431
BATTERY POWERED SEALER

IMPORTANT! DO NOT DESTROY

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

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

READ ALL INSTRUCTIONS BEFORE OPERATING THIS SIGNODE PRODUCT

NOTE: Fully charge battery before first use of tool.

NOTE: Remove the battery from the tool when not in use for extended periods of time.

WARNING

READ THESE INSTRUCTIONS CAREFULLY. FAILURE TO DO THIS CAN AFFECT A PRODUCT'S OPERATION AND COULD RESULT IN SERIOUS PERSONAL INJURY.

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.

Read the tool's operating instructions. If the load corners are sharp use edge protectors. Place the strap correctly around a properly positioned load.

- Positioning yourself in-line with the strap, during tensioning and sealing, can result in serious personal injury from flying strap or tool. When tensioning or sealing, position yourself to one side of the strap and keep all bystanders away.
- Using strap not recommended for this sealer can result in strap breakage during sealing. Use the correct Signode products for your application.

2. TOOL CARE

Take good care of the tool. Inspect and clean it daily, lubricate it weekly and adjust when necessary. Replace any worn or broken parts.

3. WORK AREA

Keep work areas uncluttered and well lighted.

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. STRAPPING

Several types of strap can be used with this tool. Use the correct Signode products for your application. If you need help contact your Signode Representative.

6. CUTTING TENSIONED STRAP

Use only cutters designed for cutting strap; never use claw hammers, crowbars, chisels, axes or similar tools. Such tools will cause the strap to fly apart with hazardous force. Before using any Signode product, read its Operation and Safety Manual.

WARNING

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7. GUARD AGAINST ELECTRIC SHOCK

- Prevent body contact with grounded surfaces, such as pipes, radiators, ranges, refrigerator enclosures.
- When tool and charger are used outdoors, use only extension cords intended for outdoors and so marked.
- Do not expose power tools directly to rain.

8. CONSIDER WORK AREA ENVIRONMENT

- Wear protective gloves and non-skid footwear when working outdoors.
- Never operate tool in presence of gases or flammable liquids.

9. NEVER ALLOW VISITORS TO CONTACT TOOL OR EXTENSION CORDS. ALL VISITORS SHOULD BE KEPT AWAY FROM WORK AREA.

10. DO NOT ABUSE TOOL

- Keep handle dry, clean and free from oil and grease.
 - Always keep cord from heat, oil and sharp edges.
 - Always store idle tool in dry, high or locked-up place.
 - Always remove battery from tool when not in use or before servicing.
- To avoid unintentional starting, never carry plugged-in tool with finger on switch.

11. MAINTAIN TOOL WITH CARE

Check Damaged Parts. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have damaged switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.

- When servicing double insulated tool, use identical replacement parts.
- Keep tool clean for better and safer performance.
- Inspect tool, battery and charger periodically and, if damaged, have repaired by authorized service facility.

12. USE FOR INTENDED PURPOSE

- This tool is designed for sealing Signode brand steel strapping.
-

WARNING



TRAINING

Read the operating instructions carefully. 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.



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.



CUT HAZARD

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



SOUND PROTECTION

When operating the tool, wear ear protection.



ENVIRONMENTAL PROTECTION

Charger and batteries should be sorted for environmental-friendly recycling. Do not open the battery. Do not throw the used battery into household waste, fire or water.



DISPOSAL

This tool is manufactured without any physical or chemical substances which could be dangerous to health. The legal prescriptions for disposal of all the parts must be observed. The electrical assemblies should be dismantled so that the mechanical, electro-mechanical and electronic components can be disposed of separately.



DO NOT USE WATER

Do not use water or steam to clean the tool.



POWER SOURCE

Before starting preventive or corrective maintenance, remove the battery from the tool. Always inspect the electrical plug and cable on charger before use. If damaged, they must be replaced by qualified personnel.

TABLE OF CONTENTS	PAGE
General Safety Instructions	II
Specifications	6
Major Components	7
Battery Charger	8
Battery Installation	9
Operating Instructions	10
Parts List & Exploded Views	12
Troubleshooting Guides	18
Tool Maintenance	26
Declaration of Conformity	29

GRIPPACK RCBS-1431 - PART NUMBER: 800250
GRIPPACK RCBS-1431 114 SINGLE NOTCH SEALER KIT - PART NUMBER: 800465

- Includes: Two 4.0Ah Batteries and One Charger



STRAP SPECIFICATIONS				
TYPE	WIDTH	THICKNESS	SEALS	RECOMMENDED TENSIONER
MAGNUS & APEX Plus	1.250" (32 mm)	.025" (0.63 mm) to .031" (0.80 mm)	114P	PB-114

TOOL SPECIFICATIONS		
DIMENSIONS	WEIGHT (W/ BATTERY)	SOUND PRESSURE
14.25" X 3.25" X 7.25" (362mm X 83mm X 184mm)	7.5 LBS (3.4 kg)	38 DB

MAJOR COMPONENTS - PB-114	
KEY	DESCRIPTION
1	BATTERY INDICATOR
2	MOTOR HOUSING
3	OPERATION HANDLE
4	GEAR HOUSING
5	BATTERY
6	BATTERY RELEASE
7	TRIGGER SWITCH
8	METAL SENSOR
9	JAWSTACK
10	LED TASK LIGHT
11	BATTERY CONNECTION
12	ADJUSTMENT SCREW (COAST TIME)
13	IDENTIFICATION

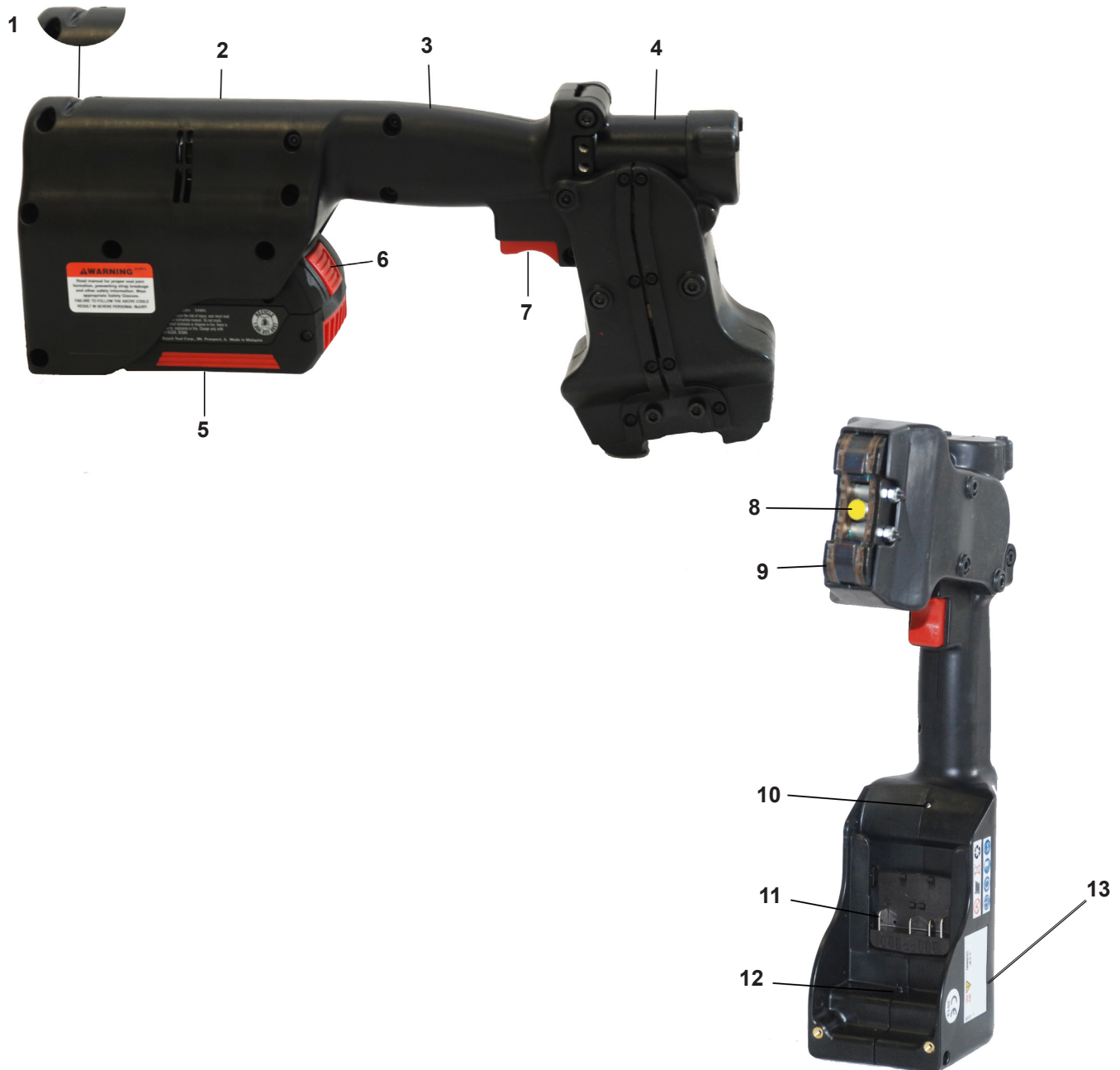
MAJOR COMPONENTS

Product Identification

A two letter code can be found on every tool. Contact your local Signode representative to assist in identifying the product month and year of the tool.

Date codes can also be used to properly identify service parts for this tool.

To locate the tool serial number, remove battery. A thirteen digit serial number can be found on the tool where the battery attaches.



BATTERY INFORMATION & CHARGING

Plug charger into your standard power outlet.

With no battery pack inserted, the charger's green indicator light will go ON. This indicates the charger is receiving power and the charger is ready for operation.

When you insert the battery pack into the charger. The charger's green indicator light will begin to "BLINK". This indicates that the battery is receiving a fast charge.

When the indicator light stops "BLINKING" (and becomes a steady green light) fast charging is complete. The battery pack is fully charged and can be removed from the charger.

The battery pack may be used even though the light may still be blinking. The light may require more time to stop blinking depending on temperature.

The purpose of the green light is to indicate that the battery pack is fast-charging. It does not indicate the exact point of charge. The light will stop blinking in less time if the battery pack was not completely charged.

When you begin the charging process of the battery pack, a steady red light could also mean the battery pack is too hot or too cold.

Fast charging is only possible when the temperature range of the battery pack is between 32°F (0C) and 113°F (45C). When needed, the internal fan of the charger will turn on to aid the charging process and speed.

As soon as the battery pack reaches the correct temperature range, the battery charger will automatically switch to fast charging.

If the red indicator light is "BLINKING", the battery pack cannot accept a charge.

- Check to make sure the battery pack is inserted to the charger properly.
- Clean the contacts of the charger or battery pack (e. g. by inserting and removing the battery several times) or replace the battery pack as required.

When the battery pack is fully charged, unplug the charger (unless you're charging another battery pack) and install the battery pack back into the tool.



TROUBLESHOOTING - INDICATOR LIGHTS	
	Charger is plugged in and receiving power.
	Battery is receiving a Quick Charge.
	Battery is too hot or cold to receive charge. Charging starts when the battery reaches the proper temperature.
	Battery cannot accept a charge. Replace battery.

INSTALLING A BATTERY

1. Hold the tool firmly with one hand.
2. Using your other hand, insert the battery into the tool with a sliding motion.
3. Firmly push the battery until fully seated. When fully seated the battery locks in place.

NOTE: The Green indicator light will flash for approximately while the tool energizes. When the light stops flashing the tool is ready for use.

4. To remove the battery press the Red release button on the battery and slide out.

NOTE: The power indicator light on the top of the tool will flash Green indicating the battery has enough charge. If the indicator light flashes Red .5 Second On and Off, charge the battery. Otherwise reference the battery troubleshooting section.



REPLACEMENT BATTERIES & CHARGERS

	BATTERY	CHARGER	
		110 Volt	220 Volt
Federal (Non-California)	P/N 800293	P/N 800543	P/N 800543

JOINT INFORMATION & INSPECTION

An improperly formed joint, or a joint with an incorrect number of notches, could result in strap separation. Before moving any package, be certain that the joint is formed 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. Failure to follow this procedure could result in serious injury or death. If you have questions regarding proper joint formation, contact your Signode Sales Representative.

Before making a double reverse notch seal joint, read the sealing tool's Operation, Parts and Safety Manual. A properly formed double reverse notch joint will appear as shown in the illustration. Always use the correct number of seals recommended by your Signode Sales Representative. If the double reverse notch joint does not appear as shown in the illustration, proceed as follows:

1. Review the tool's operating instructions to be certain that the tool is being operated properly before applying another strap.
2. Cut the strap off and apply a new strap and seal.



Tuck strap end back into the dispenser when not in use.

⚠ WARNING

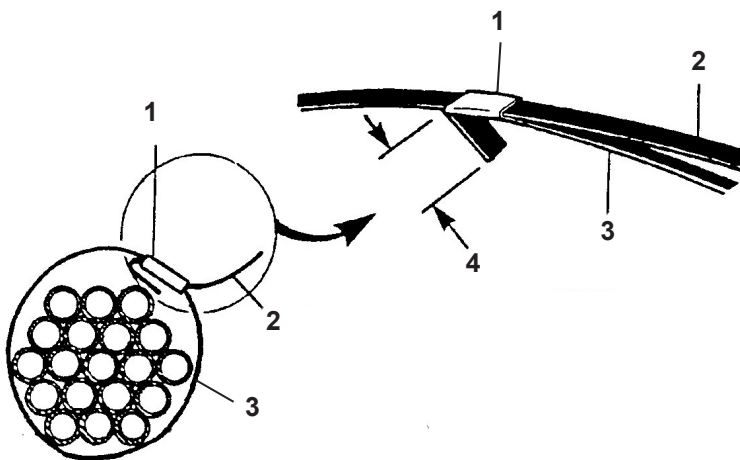
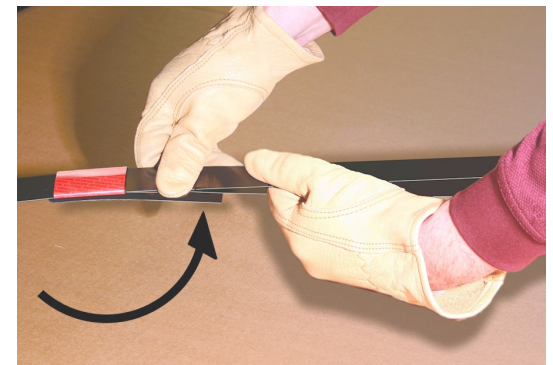
**Wear safety glasses and gloves. Stand to one side of the strap when sealing.
Make sure all bystanders are clear before proceeding.**

OPERATING INSTRUCTIONS

1. Thread the strap from the dispenser through a Signode 114P seal.

NOTE: Encircle the bundle and rethread the strap end through the seal.

2. Bend the strap end backwards as shown. Bend about 2 1/2" (63.5mm) of the lead end of the BOTTOM STRAP back beneath the seal to maintain the loop. Hold the BOTTOM STRAP and pull back on the TOP STRAP to draw loop loosely around the package. A gentle upward bend on the TOP STRAP will hold the loop in place while the tool is positioned.



STRAP AND SEAL LOADING	
KEY	DESCRIPTION
1	SEAL
2	TOP STRAP
3	BOTTOM STRAP
4	2 1/2" (63.5MM)

3. Tension the strap as required. Refer to the strap tensioner manual for the proper use of the tool.



4. Position the sealer jaws over one end of the seal. Press the switch located on the handle grip. Once completed, move the sealer jaws to the other end of the seal and notch the seal a second time.

5. Once the second notch has been made the seal joint can be inspected and the strap tensioner can be removed.

NOTE: Tool will wake-up when Trigger button is pressed.

NOTE: Tool will sleep after 5 minutes to conserve battery.

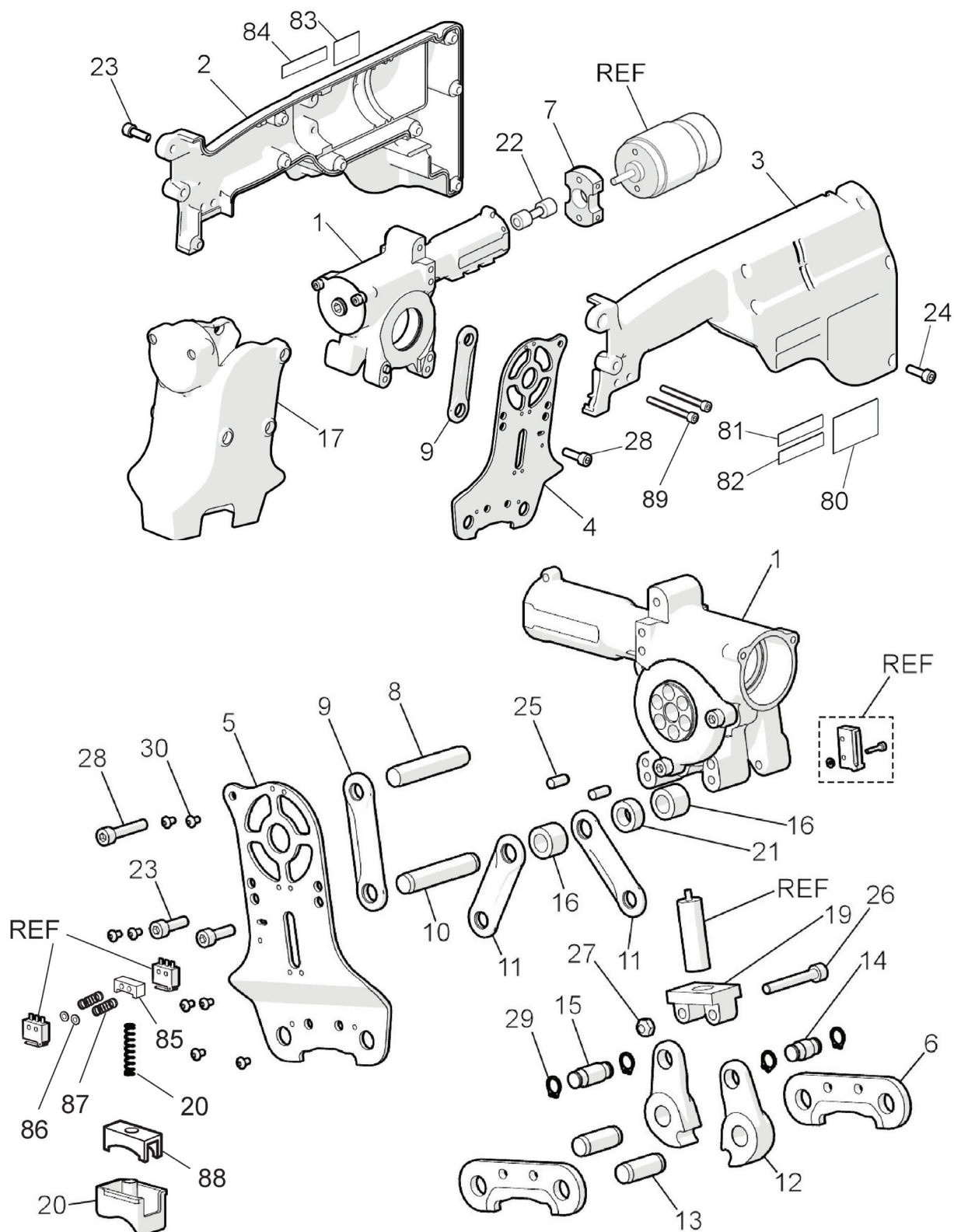


⚠ WARNING

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.

PARTS LIST- TOOL BODY & JAW STACK			
KEY	QUANTITY	PART NUMBER	DESCRIPTION
1	1	800559	GEAR HOUSING
2	1	35000000346	RIGHT HOUSING
3	1	35000000349	LEFT HOUSING
4	1	800238	LEFT SIDE PLATE
5	1	800239	RIGHT SIDE PLATE
*6	2	800266	NOTCHER
7	1	800263	MOTOR MOUNT
8	1	800241	ECCENTRIC PIN
9	2	800240	LINKAGE
10	1	800242	LINK PIN
11	4	800243	SEALER LINK
*12	2	800245	JAW
*13	2	800267	LOWER JAW PIN
*14	1	800244	UPPER JAW PIN
	1	800285	UPPER JAW PIN
16	2	800246	SPACER
*17	1	800265	RUBBER BOOT
18	1	800060	TRIGGER SPRING
19	1	800268	JAW SPACER
20	1	800018	TRIGGER
21	1	800286	SPACER
22	1	800522	CV SHAFT
23	8	170304	M5 X 16 SHCS
24	14	280851	M4 X 12 SHCS
25	4	422835	Ø5 X 12 DOWEL PIN
26	2	280809	M5 X 35 SHCS
27	2	280819	M5 HEX LOCKNUT
28	2	010031	M5 X 25 SHCS
29	4	434097	8MM EXT. RET. RING (TA# 5100-31)
30	8	800013	M3 X 5 SBHCS
80	1	800588	NAMEPLATE
81	1	800376	INFORMATION SIGN
82	1	800377	INFORMATION SIGN
83	1	423953	WARNING SIGN
84	1	436387	INFORMATION SIGN
85	1	35000000302	SWITCH SPACER
86	2	PJ-000958	CURVED M2 SPRING LOCK WASHER
87	2	PJ-001026	SPRING
88	1	PJ-001027	TRIGGER INSERT
89	2	35000002824	M2 SCREW
* Recommended Spare Parts			



⚠ 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.

PARTS LIST- GEAR HOUSING			
KEY	QUANTITY	PART NUMBER	DESCRIPTION
1	1	800559	GEAR HOUSING
2	1	800309	NEEDLE BEARING 0810-RS
3	4	252247	Ø5 X 20 DOWEL PIN
4	2	800984	1.5 WIDE X Ø30 I.D. QUAD RING
5	1	800528	2.0 WIDE X Ø46 I.D. METRIC O-RING
6	1	800529	1.5 WIDE X Ø24 I.D. METRIC O-RING
7	2	800530	1.5 WIDE X Ø19 I.D. METRIC O-RING
8	1	800310	BEARING 71906C
9	1	800526	WORM GEAR
10	1	426146	ROLLER BEARING
11	1	800527	WORM
12	1	800236	GEAR HOUSING COVER
13	1	800520	BALL BEARING 6806
14	2	170304	M5 X 16 SHCS
15	2	280851	M4 X 12 SHCS
16	1	800063	BEARING CAP
17	1	800062	O-RING SAE #26
18	1	800311	O RING 12MM X 1.5
19	1	800253	IDLER CARRIER ASSEMBLY
20	2	800295	12MM BALL BEARING
21	3	800325	M4 X 5 SBHCS
22	3	800935	RING GEAR
23	4	800258	IDLER
24	2	800251	IDLER CARRIER ASSEMBLY
25	1	800524	5/8 X 7/8 X.020 SHIM
26	1	800307	DRIVE PINION
27	2	429266	10MM BALL BEARING
28	1	800557	GEAR END PLATE
29	1	274937	19MM INT. RET. RING (TA# N5000-75)
30	1	800457	SPACER
31	1	800458	RETAINING RING
32	1	800784	SHIM
33	8	801022	IDLER

* Recommended Spare Parts

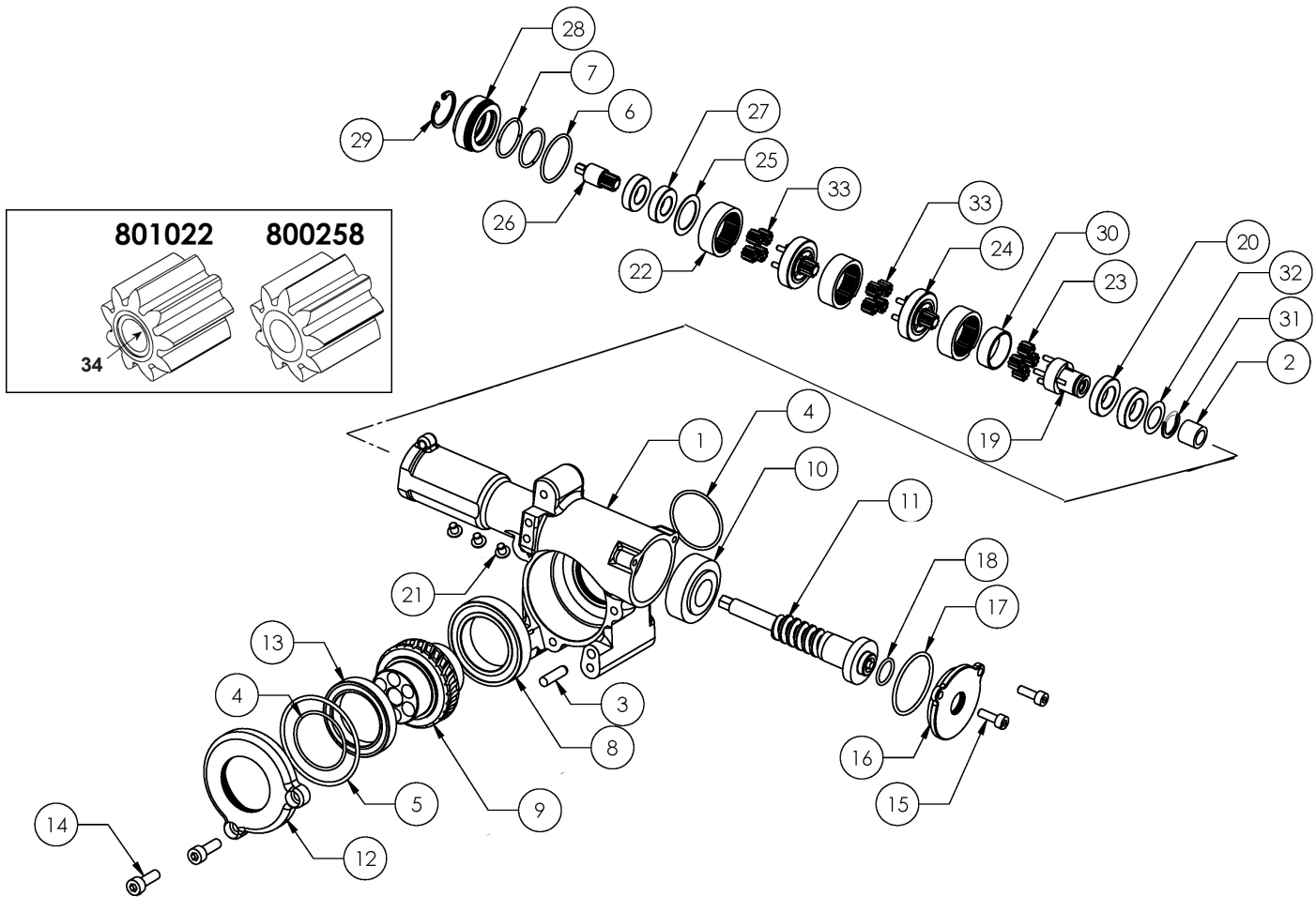
- When ordering parts please indicate tool model, part number and description.
- Common hardware parts can be obtained at any local hardware supply.

NOTE: See page 28 for Loctite requirements and torque specification unless otherwise noted.

⚠ 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.



GEAR HOUSING ASSEMBLY

KEY	NOTES
2	SEAL TOWARDS PLANETARIES
8	SIDE WITH THICKER OUTER RACE MUST FACE INTO GEAR HOUSING
9, 11	LUBRICATE WORM GEAR AND WORM WITH MOBILITH SHC 1500 GREASE +2 ML TUNGSTEN DISULFIDE PASTE (801375)
14	TORQUE: 60 IN-LBS (.68 NM), APPLY LOCTITE 243 TO THREADS, TWO PLACES
15	TORQUE TO 36 IN-LBS, APPLY LOCTITE 222 TO THREADS, TWO PLACES
21	APPLY LOCTITE 222
23	PLANETARY GEAR P/N 800258 (4PCS) MUST BE USED ON THIS STAGE.
26	APPLY LOCTITE 609 TO JOURNAL BEFORE PRESS, CLEAN EXCESS LOCTITE AFTER PRESS, DO NOT ALLOW LOCTITE IN BEARING
28	TORQUE: 60 IN-LBS (.68 NM)
30	CHAMFER IN
32	MULTIPLE SHIMS MAY BE REQUIRED
34	IDENTIFYING GROOVE
	ALL PARTS SHOULD BE CLEAN AND FREE OF DEBRIS BEFORE ASSEMBLY
	LIGHTLY COAT PLANETARY GEARS WITH SYNLUBE 680
	STORE P/N 801022 AND 800935 IN SYNLUBE 680
	ASSEMBLED GEARS SHOULD ROTATE FREELY

ELECTRICAL SERVICE SUB-ASSEMBLIES			
KEY	QUANTITY	PART NUMBER	DESCRIPTION
1	1	800099	PCB
2	1	35000002480	CONTACT PLATE AND PCU
3	2	800009	SNAP SWITCH
4	1	800061	SNAP SWITCH
5	1	800537	BI COLOR LED
6	1	800334	WHITE LED
7	1	800081	MOTOR
8	1	800292	PROX SENSOR
9	1	800756	CAPACITOR 560UF

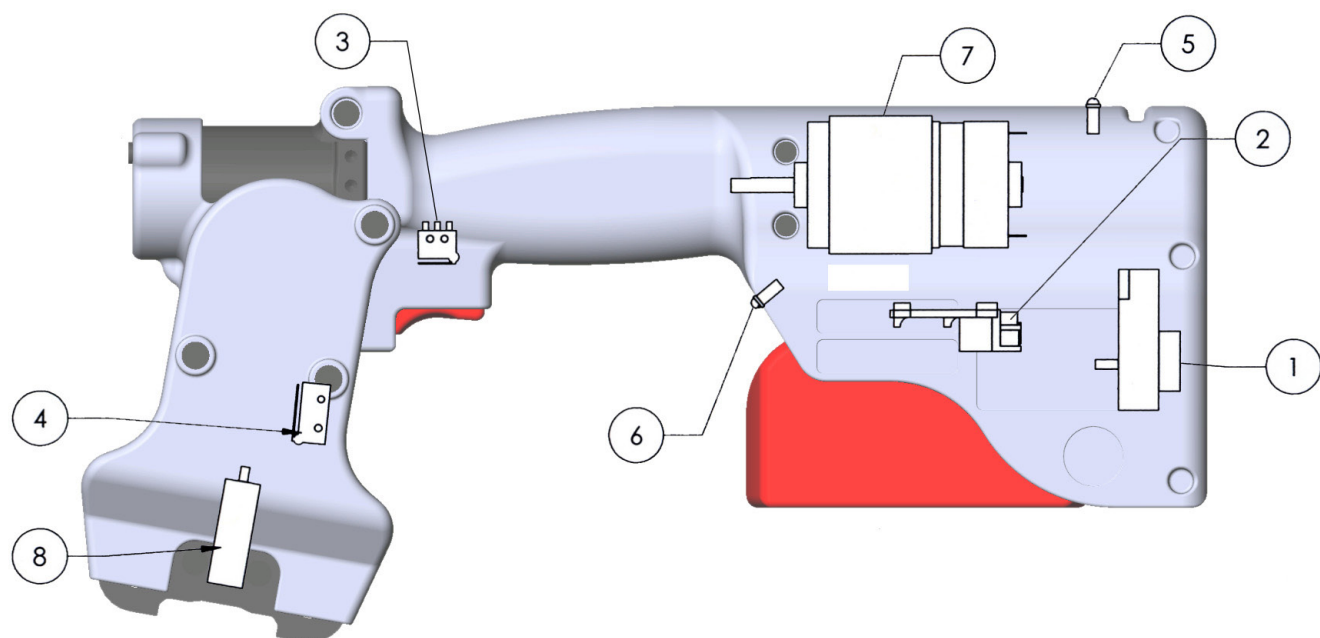
* Recommended Spare Parts

All of the service assemblies (keys 1 through 9) can be order together as Signode part no. 35000002968.

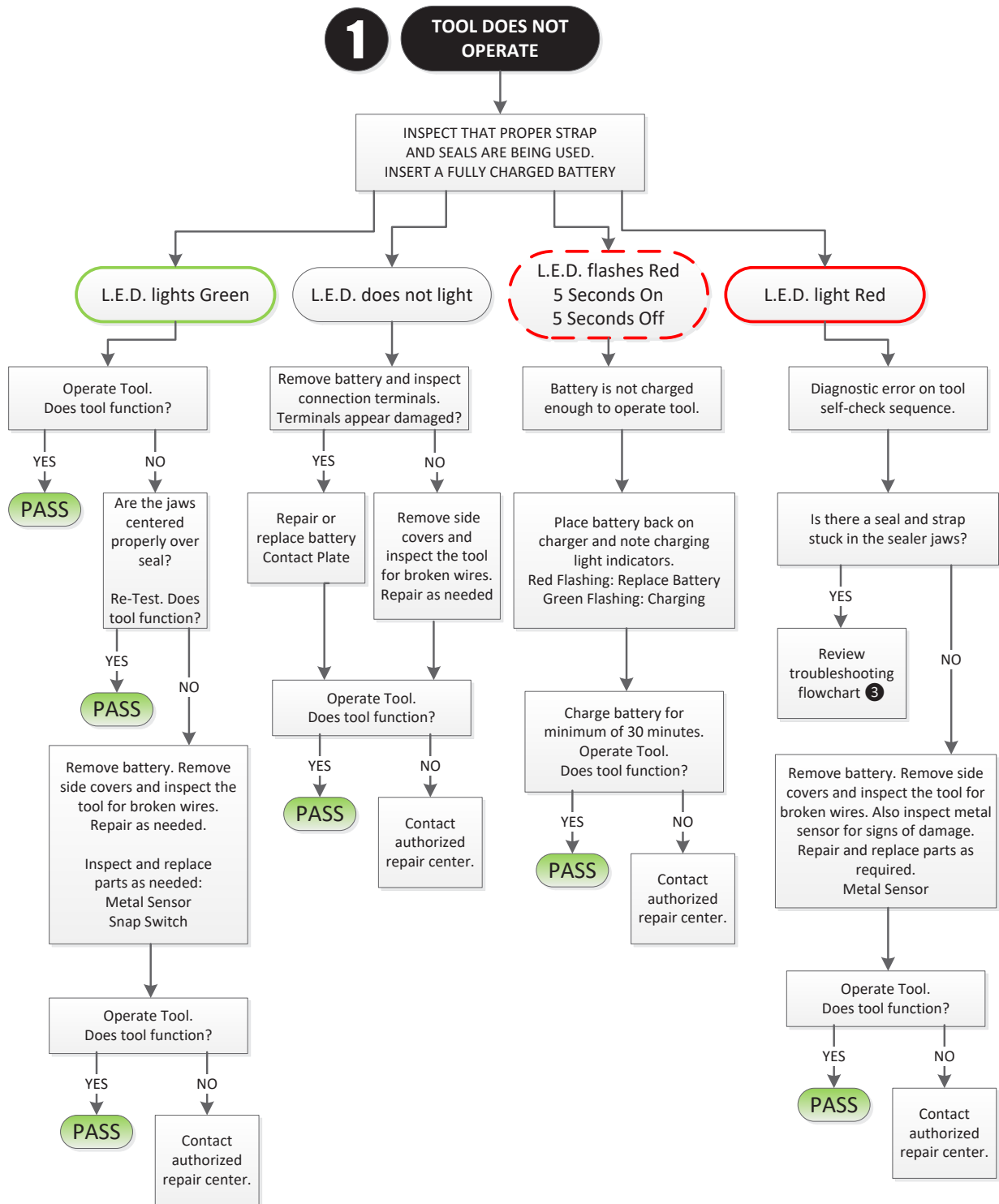
The following service items include wires and all connectors needed for replacement.

WARNING

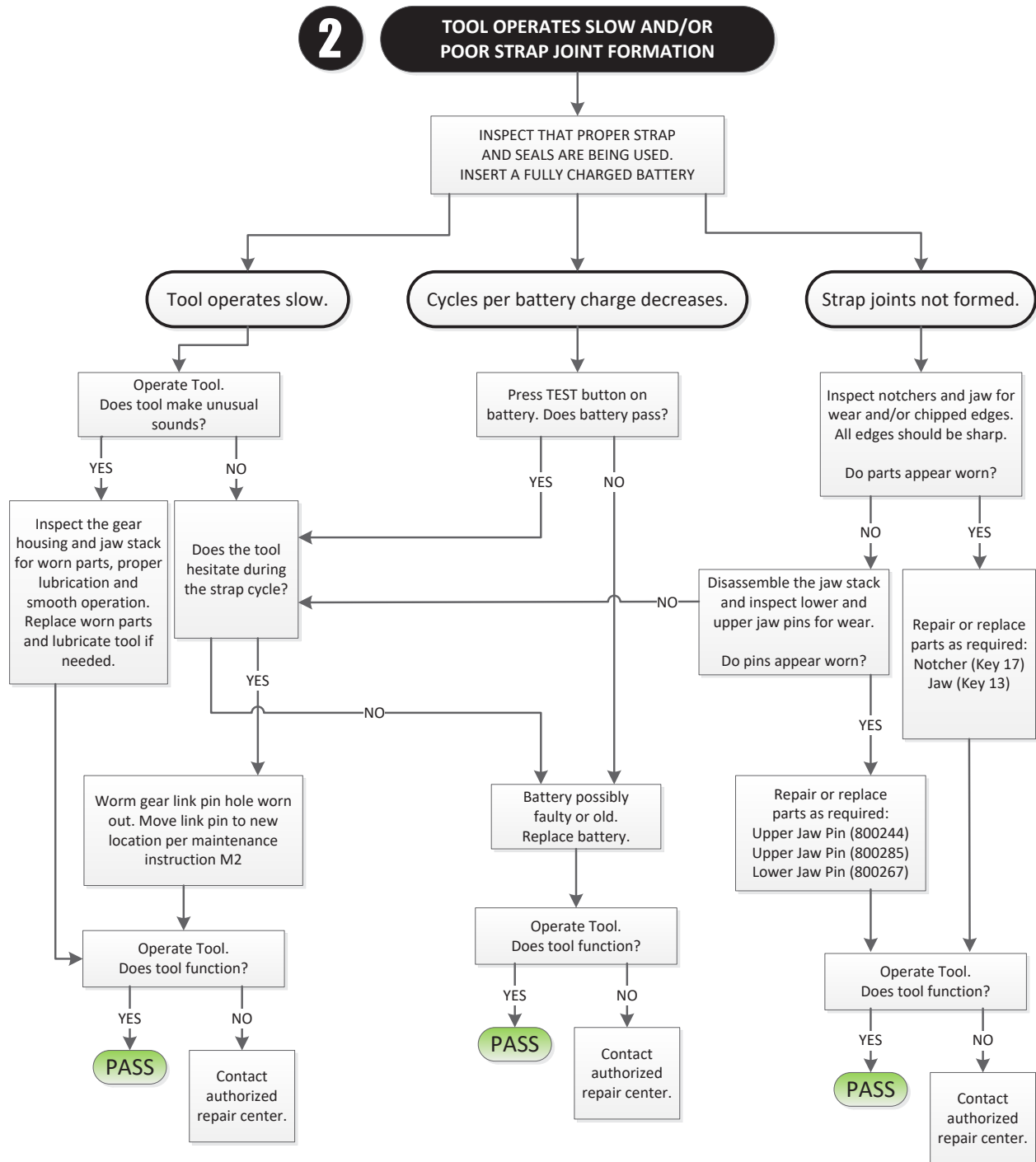
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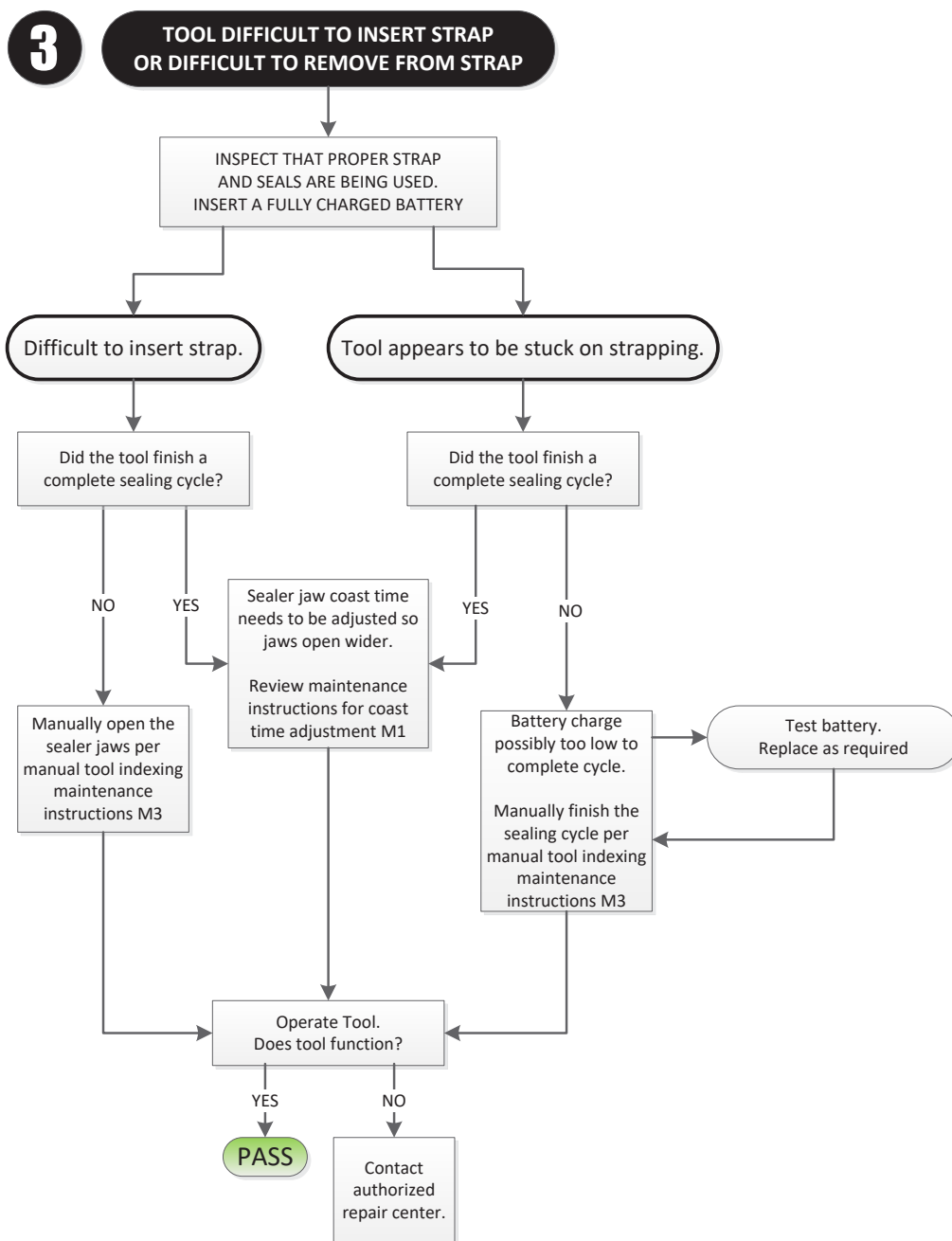
TROUBLESHOOTING GUIDES



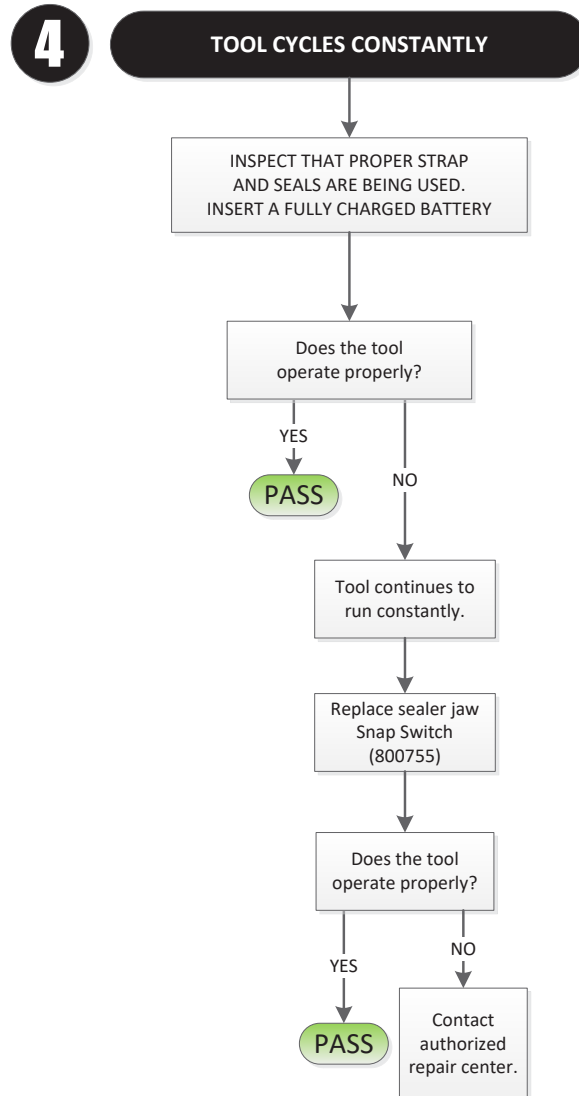
TROUBLESHOOTING GUIDES



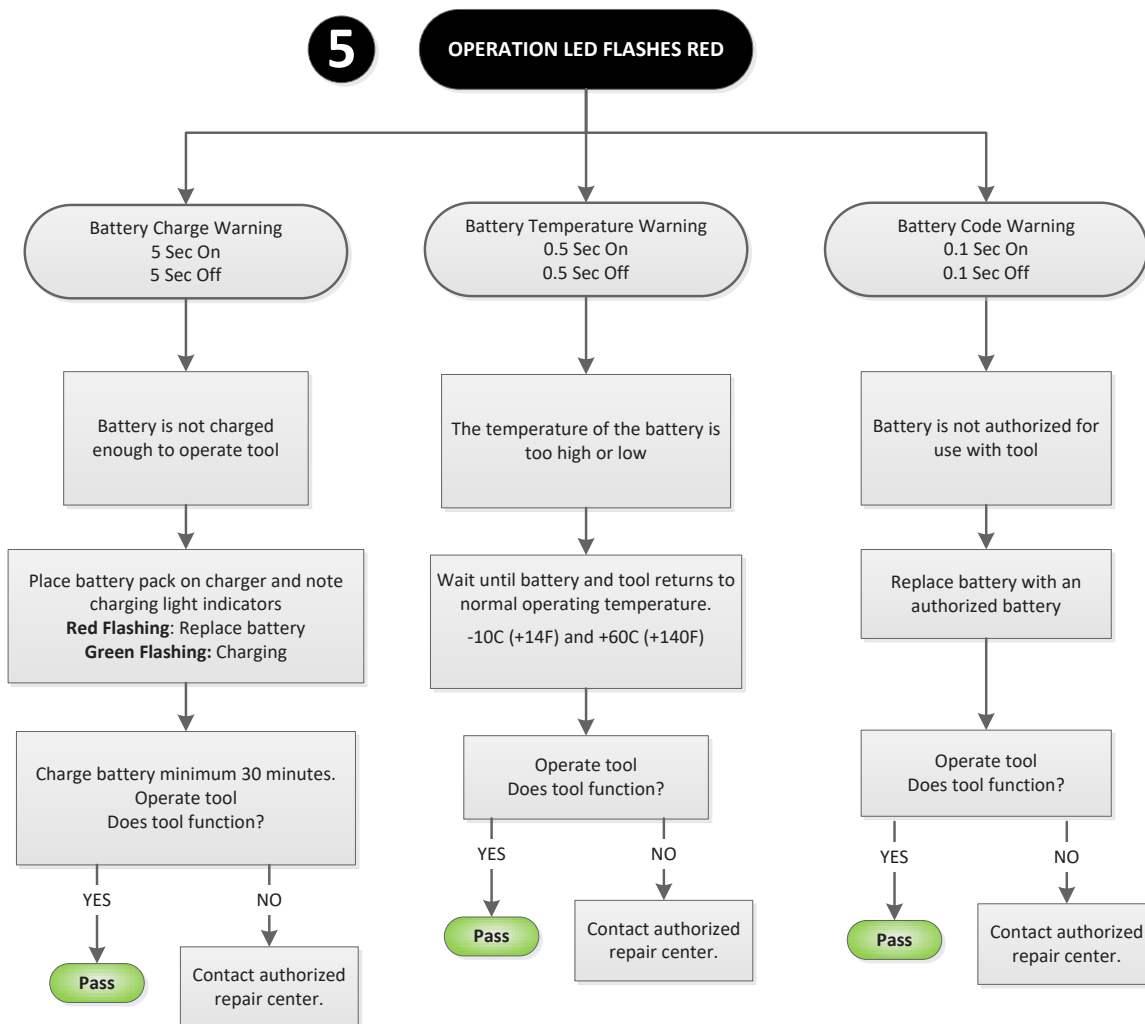
TROUBLESHOOTING GUIDES



TROUBLESHOOTING GUIDES



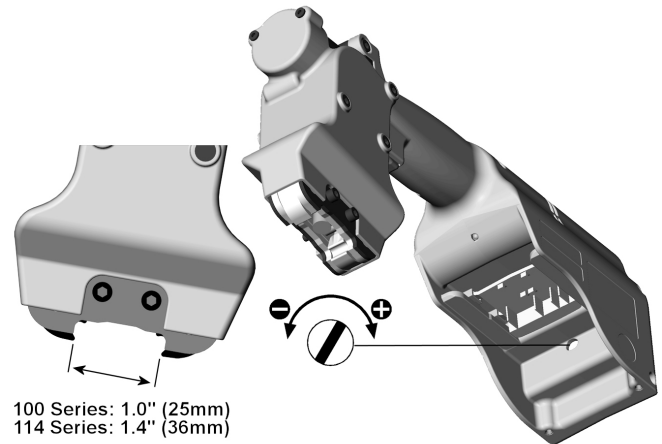
TROUBLESHOOTING GUIDES



MAINTENANCE PROCEDURES - COAST TIME ADJUSTMENT (M1)

1. Remove the battery from the tool.
2. Locate the coast-time adjustment screw located in the battery compartment.
3. Turn the adjustment screw clockwise to increase coast time (wider jaws). Turn the adjustment screw counter-clockwise to decrease coast time (narrow jaws). Make the coast time adjustments in small increments and test the tool in between each adjustment.

RCBS-1431: Optimum jaw opening is 1.4" (36mm).



MAINTENANCE PROCEDURES - MANUAL INDEXING (M3)

Use the procedure below to manually index the tool. This is a procedure used for cycling the tool for general maintenance and/or incomplete strapping cycles.

For bench maintenance:

1. Remove the battery from the tool.
2. Pull back the rubber boot to expose the front of the gear housing.
3. Using a 6mm allen wrench, rotate the gear assembly clockwise to open and close the sealer jaws

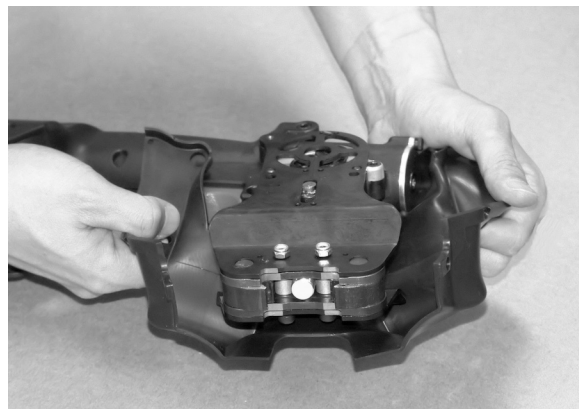
For incomplete strap cycles:

1. Remove the battery from the tool.
2. Pull back the rubber boot to expose the front of the gear housing.
3. Using a 6mm allen wrench, rotate the gear assembly clockwise to open the sealer jaws. Continue rotating the gear housing until the tool releases from the strap.
4. Cut off and discard strap.
5. Inspect tool for problem conditions and battery for proper charge.

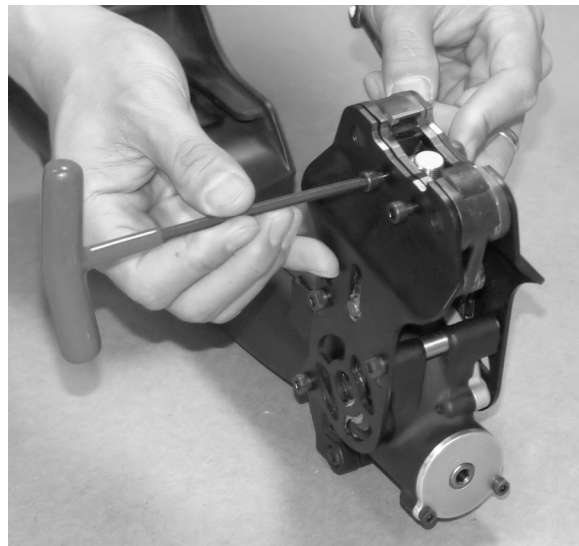


MAINTENANCE PROCEDURES - ECCENTRIC PIN SERVICE (M2)

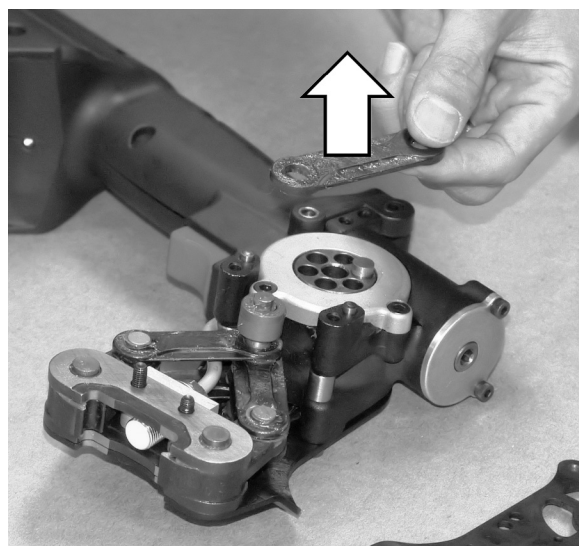
1. Remove the tool battery. Remove the mounting screws which secure the rubber boot to the tool. Remove boot.



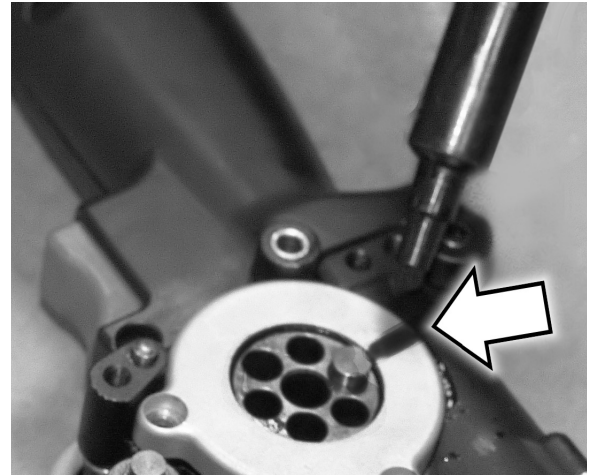
2. Continue to remove the right-hand side plate to access the eccentric pin.



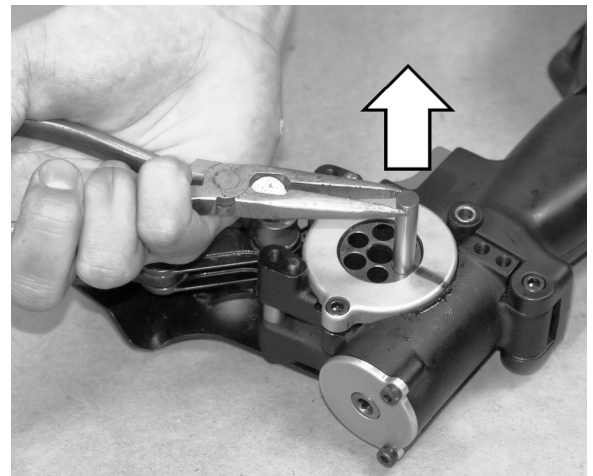
3. Lift off the link which connects the eccentric pin to the sealer jaws.



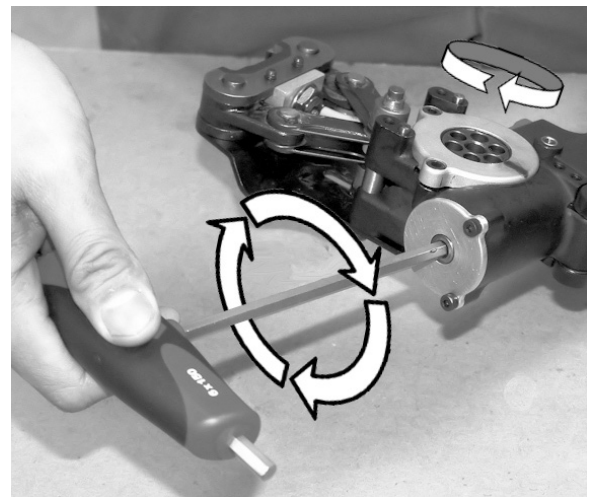
4. Mark the location of the eccentric pin on the face of the gear housing cover.



5. Lift the eccentric pin out from the tool.



6. Manually turn the gear housing drive assembly until the next eccentric hole lines up with the mark (approximately 120 degrees).
7. Lubricate and reinsert the eccentric pin into the new mounting hole (at marking). Reassemble the tool by reversing these instructions.



TOOL MAINTENANCE

General

The most common reason for poor tool performance and incorrectly formed straps joints is improper tool maintenance. The easiest way to determine if a tool is performing correctly is by inspecting the strap joint. Having a tool maintenance program is a simple task which consists of three parts. First, a quick daily inspection of the tool for any worn or broken parts. Secondly, keep each tool on a schedule of service intervals for cleaning and lubrication. Third, when problems do occur, use the troubleshooting guide to properly determine and fix problems before they lead to more serious tool conditions. Each of these three tasks have been outlined for this particular tool, read and understand all information for improving the life and performance of the tool.

Tool Inspection

Visually inspect the exterior of the tool on a daily basis. Decreased tool life can be prevented by early detection of broken parts. Replace all broken parts with new parts. Review any part removal, replacement & adjustment instructions found in this manual.

Service Intervals

Tool component wear is affected by the environment, strap/seal quantity and strap gauge which the tool is subjected to. Inspect all parts daily and replace them if they are worn or broken. Broken parts can increase sealing effort, leading to additional component wear and produce lower joint strength.

Inspect the components of the sealing mechanism when:

- A. Joint does not appear as shown in this manual or visually it is detected that the joint is not all formed or formed improperly.
- B. Sealing effort seems sluggish or tool is difficult to remove from strap.
- C. The number of cycles from one battery charge decreases.
- D. When scheduled.

WARNING

**If there is any question that joint formation is not as shown,
it is important that you contact your tool representative immediately.**

Tool Lubrication

Signode tools use a variety of greases and oils, all of which can be ordered through Signode. When ordering indicate tool model, part number and name.

Thread Sealants

Signode tools are assembled using a variety of thread sealants, all of which can be ordered through Signode service using the appropriate description and part number.

- Loctite #222 (Purple), Part No 422794.
-

MAINTENANCE PROCEDURES - CYCLE COUNTER

Use the following procedure to access the cycle count of the tool. This is the total number of times the tool has been operated and can aid in diagnosing problems or service schedules.

The tool counts from 0 to 999,999. The counter displays the number of tool cycles by flashing the Indicator Light LED with an approximate 2 second delay between digits (LED does not illuminate). The counter will always display 6 digits even if some digits are leading zeros.

1. Remove battery from tool.
2. Insert battery while holding the operation trigger button for approximately two seconds. LED will flash 1 time indicating the button is working correctly.
3. Wait a few moments.
4. Cycle counter codes begin to be displayed as follows. Example, a tool that has run 1253 complete cycles.

0	→	0	→	1	→	2	→	5	→	3
FIRST DIGIT		SECOND DIGIT		THIRD DIGIT		FOURTH DIGIT		FIFTH DIGIT		SIXTH DIGIT

Individual digits are displayed as follows:

Once the cycle counter terminates the Operation Button LED will flash rapidly for one second. Now the tool is ready to operate normally.

The cycle counter procedure can be terminated at any time by pressing the trigger button.

DIGIT	LED FLASH
0	On 1.5 Seconds
1	Once
2	Twice
3	Three times
4	Four times
5	Five times
6	Six times
7	Seven times
8	Eight times
9	Nine times

REFERENCE INFORMATION		
PART NUMBER	DESCRIPTION	TYPICAL AREA OF USE
LUBRICANTS		
177029	MOBIL SHC 1500	WORM GEAR SETS
432322	EP ACCROLUBE	CONTACT PARTS
801237	LUBRIPLATE SYN LUBE 220	PLANETARY GEARS
801375	TUNGSTEN DISULFIDE PASTE	WORM GEAR SETS
THREAD LOCKERS & ADHESIVES		
422794	LOCTITE #222 (PURPLE)	LOW STRENGTH, SCREWS 1/4" (6MM) OR SMALLER SIZES
422795	LOCTITE #242 (BLUE)	MEDIUM STRENGTH SCREWS 5/16" (8MM) OR LARGER SIZES
422796	LOCTITE #271 (RED)	HIGH STRENGTH, SEMI-PERMANENT SCREW APPLICATION
422797	LOCTITE #609 (GREEN)	PERMANENT, CURVED SURFACE PART CONTACT
274111	LOCTITE #380 (BLACK MAX)	PERMANENT, FLAT SURFACE CONTACT
CLEANING BRUSHES		
023963	SMALL BRUSH	FEEDWHEEL & GRIPPER TEETH
269589	LARGE BRUSH	FEEDWHEEL & GRIPPER TEETH
TORQUE SPECIFICATIONS (UNLESS OTHERWISE NOTED)		
SHCS M2: 6 in lbs (0.69 Nm)		
SHCS M3: 13 in lbs (1.47 Nm)		
SBHCS M3: 13 in lbs (1.47 Nm)		
SHSS M3: 13 in lbs (1.47 Nm)		
SHCS M4: 30 in lbs (4.07 Nm)		
SBHCS M4: 30 in lbs (4.07 Nm)		
SHCS M5: 60 in lbs (6.78 Nm)		
SHSS M5: 60 in lbs (6.78 Nm)		
SHCS M6: 120 in lbs (13.56 Nm)		

EU DECLARATION OF CONFORMITY

Manufacturer:

Signode Industrial Group LLC
1600 Central Avenue
Roselle, IL 60172 USA
Tel.: (+1) 800-323-2464

EU Contact Address:

F2 Labs, Engineering Department.
Suite 100, 12 Southbridge
Edinburgh, Scotland EH1 1DD

MODEL / TYPE / SERIAL NUMBER:

GripPack CB	/ 800770 / GGC2206901 - GGC2706901
GripPack PB-114	/ 800441 / GGT2206901 - GGT2706901
GripPack RCBS-1431	/ 800250 / GGS2206901 - GGS2706901
GripPack RCB-1031	/ 800671 / GG22206901 - GG22706901
GripPack RCB-1431	/ 800672 / GG32206901 - GG32706901
GripPack RCB-3431	/ 800670 / GG12206901 - GG12706901
GripPack SLB-34 HT	/ 801231 / GS42206901 - GS42706901
GripPack SLB-34 HS	/ 801232 / GS32206901 - GS32706901
GripPack SLB-58 HS	/ 801233 / GS22206901 - GS22706901
GripPack SLB-12 HS	/ 801234 / GS12206901 - GS12706901

REPORTS:

F2P24721C-01S, F2P24721C-01E, F2P24721C-01RS Rev1

DIRECTIVES:

Machinery Directive 2006/42/EC, EMC Directive 2014/30/EU,
RoHS Directive 2011/65/EU+(EU)2015/863

STANDARDS CONSIDERED, FULL OR IN PART:

- EN 60745-1:2009+A11:2010
- EN 60745-2-18:2009
- EN 61000-6-1:2007
- EN 61000-6-3:2007+A1:2011
- EN 63000:2018

Signode Industrial Group LLC declares under its sole responsibility that the GripPack models listed above are in conformity with the Machinery Directive 2006/42/EC, the EMC Directive 2014/30/EU, and the RoHS Directive 2011/65/EU+(EU)2015/863.

Authorized by:



Date: 3/15/2022

Name: Tim Dunlavy

Title: Manufacturing Manager

Location: Roselle, Illinois USA

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