## OPERATOR'S MANUAL AND PARTS LIST MODEL GRC58A PLASTIC CAP STAPLER





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BUILDING PRODUCTS, INC.

www.grip-rite.com

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### IMPORTANT SAFETY INFORMATION

You must read this entire manual and familiarize yourself with all safety, operating, and service instructions before loading, handling, or using your tool. When used correctly, pneumatic fastening tools provide a lightweight, powerful, and safe means of fastening. Used improperly, these tools can cause serious injury to you and those around you.

## SPECIFICATIONS

### **SPECIFICATIONS**

MODEL	GRC58A Plastic Cap Stapler
STAPLE GAUGE	21 GA. (.080") (2 mm) Flat Wire Staples
STAPLE SIZE	1/2" (12.8 mm) Crown x 5/8" (15.8 mm) Long
STAPLE CAPACITY	110 Staples
PLASTIC CAP DIA.	1-1/32" (26.2 mm) Diameter Plastic Caps
CAP CAPACITY	Corded - 110 Caps (1 Strip) Laser - 110 Caps (2 Strips)
PLASTIC CAP FEED	Automatic/Pneumatic Cylinder
MAX AIR PRESSURE	120 (8.3 bar) psi
MIN AIR PRESSURE	100 (6.9 bar) psi
TOOL WEIGHT	4 lbs. (1.8 kg)
TOOL LENGTH	12 1/4" (31.1 cm) Magazine Closed 18 1/8" (46 cm) Magazine Open
TOOL HEIGHT	8.5" (21.6 cm)
TRIGGER TYPE	STD. DUALACTION
AIR INLET	1/4 NPT
AIR CONNECTION	QUICK CONNECT
LUBRICATION	10W Air Tool Oil (Provided)

### IMPORTANT FASTENER INFORMATION

Only GripRite<sup>™</sup> GRCP5822 & GRCP5822L 5/8" Cap Pack Staples and adhesive/string or laser weld plastic caps fit this tool. Use of any other type of staple or cap will cause tool to malfunction.

### SAFETY LABELS

This pneumatic fastening tool includes a warning label to help remind you of important safety information when operating the tool. The safety label must be legible at all times, and must be replaced if it becomes worn or damaged.



### SAFETY SYMBOLS

The safety symbols on the safety label provide a visual reminder of basic safety rules, and the personal injury hazard that may arise if all safety and operating instructions are not followed. Make sure you understand the meaning of each of these symbols, and protect yourself and others by obeying all safety and operating instructions.

SYMBOL	DESCRIPTION		
	<b>READ THE MANUAL</b> - The manual contains important safety and operating instructions that must be followed. All tool users must read the manual before using the tool.		
	WEAR SAFETY GLASSES - Tool operator and bystanders must wear safety glasses with side shield that meet ANSI Z87.1 requirements.		
	<b>RISK OF PERSONAL INJURY</b> - Failure to follow all safety and operating instructions, or misuse of the tool, can result in serious injury to tool operator and bystanders.		

### SAFETY INSTRUCTIONS



#### WEAR SAFETY GLASSES

Always wear safety glasses with side shields that meet ANSI Z87.1 requirements when operating the tool. Make sure all others in work area wear safety glasses.



#### WEAR HEARING PROTECTION

Wear hearing protection to protect your hearing from noise. Prolonged exposure to loud noise can result in hearing loss.

#### NEVER OPERATE THE TOOL WITH OXYGEN OR OTHER BOTTLED GASES

Oxygen and other reactive or high-pressure bottled gases can cause the tool to explode. Use clean, dry regulated compressed air from a properly operating air compressor.



## DO NOT EXCEED MAXIMUM RECOMMENDED OPERATING AIR PRESSURE OF 120 PSI /8.3 Bar.

Exceeding the maximum recommended air pressure can cause the tool housing to burst, or cause premature failure of components.



## NEVER CONNECT THE TOOL TO AN AIR SUPPLY THAT HAS THE POTENTIAL TO EXCEED 180 PSI/12.4 Bar.

Using a regulated air supply with a line or tank pressure greater than 180 psi can cause the tool to burst if the air line regulator fails suddenly.



## USE AN AIR HOSE RATED FOR 180 PSI/12.4 Bar OR GREATER

Always use air hose rated to handle 180 psi or the maximum potential pressure of the air supply.

## ONLY USE A RELIEVING-TYPE AIR COUPLING IN THE TOOL AIR INLET OPENING.

Use of a non-relieving air coupling on the tool can trap air inside the tool housing, and allow the tool to drive a fastener even after the air hose has been disconnected.

### SAFETY INSTRUCTIONS

#### DO NOT ATTEMPT TO OPERATE THE TOOL IF THE TOOL'S OPERATING CONTROLS HAVE BEEN MODIFIED OR ARE NOT WORKING PROPERLY.

Attempting to use a tool with modified or malfunctioning trigger or workpiece contact can result in a fastener being driven unintentionally.

#### USE CORRECT FASTENERS AND PLASTIC CAPS FOR TOOL

Only use the correct cap and fastener for the tool. Using caps or fasteners with incorrect specifications can jam the tool or cause serious injuries.

#### USE THE CORRECT FASTENERS FOR THE APPLICATION.

Using the wrong fasteners can cause the workpiece to split and allow the fastener to fly free.



## KEEP TOOL POINTED IN A SAFE DIRECTION WHEN LOADING FASTENERS.

Never point the tool at yourself or anyone else when loading fasteners.

## DO NOT LOAD TOOL WITH TRIGGER OR WORKPIECE CONTACT DEPRESSED.

Depressing the trigger or workpiece contact during loading can result in an unintentional fastener drive if both devices are accidentally actuated at the same time.

## KEEP FINGER OFF TRIGGER UNTIL TOOL IS IN POSITION TO DRIVE A FASTENER.

An unexpected bump or sudden contact with your body or that of a bystander can result in serious injuries.

#### AVOID DRIVING FASTENERS INTO KNOTS, ON TOP OF OTHER FASTENERS, AT WORKPIECE EDGES, OR INTO BRITTLE MATERIALS.

Driving fasteners into extremely hard materials, or driving into workpiece edges, can cause fasteners to deflect away from the workpiece. Flying fasteners can cause serious injuries.

### SAFETY INSTRUCTIONS

## KEEP HANDS AND BODY PARTS AWAY FROM AREA BEING FASTENED.

Fasteners can deflect and turn as they are being driven into the workpiece, and penetrate fingers, hands, and other body parts that may be in the fastening area.



## DO NOT OVERREACH OR WORK WHILE ON UNSTABLE FOOTING

If you lose your balance while fastening, you could drive a fastener into yourself or a bystander.

## DO NOT USE TOOL IF TOOL MALFUNCTIONS OR BEGINS LEAKING AIR.

Operating a malfunctioning tool can result in an unexpected fastener discharge and injury to yourself or others.

#### DISCONNECT THE TOOL FROM THE AIR SUPPLY TO RE-LOAD, CLEAR JAMS, OR PERFORM MAINTENANCE.

Never attempt to reload a tool, clear a jam, or perform maintenance without first disconnecting the air supply.

## NEVER LEAVE A LOADED, PRESSURIZED TOOL UNATTENDED

A loaded, pressurized tool could be picked up or handled by someone who is unfamiliar with the tool or that has not read the tool manual.

#### KEEP TOOLS OUT OF THE REACH OF CHILDREN

Place the tool back in the tool box after use, and store the tool out of reach.

#### DO NOT MODIFY TOOL

Modifications can cause a tool to be unsafe and can cause the tool to operate improperly.

## DESCRIPTION

## TOOL PARTS



### PART DESCRIPTIONS

- 1. Cylinder Cap Covers main valve and piston assembly.
- 2. Handle Cushioned handgrip provides comfortable operation.
- Air Coupling Quick-disconnect male coupling allows quick connection to air hose. Dust cap keeps dirt out when tool is not in use.
- 4. Magazine Release Opens fastener magazine for quick reloading fasteners.
- 5. Cap Tower Door Pivots open to permit fast reloading of plastic caps into high capacity cap tower.
- 6. Follower Handle Pull back to release tension on plastic caps and open cap tower door.
- 7. Workpiece Contact Spring-loaded contact mechanism prevents tool from driving a fastener unless tool is pressed down and held against a work surface.
- 8. Dual Action Trigger Actuates tool when workpiece contact is depressed against work surface. Permits contact-trip (bump fire) or trigger-fire operation.
- **9.** Tool Housing Contains tool components and provides air storage for consistent fastener drive.
- **10.** Cap Cylinder Air-powered cylinder drives cap feed hook. Automatically feeds plastic caps for rapid cap application.
- **11.** Cap Feed Hook Feeds caps into fastening position.
- **12. Fastener Magazine** Hold fasteners securely and provides positive feeding of fasteners into driving position.
- **13**. **Belt Hook -** Durable tool hook slides on belt. Holds tool securely and keeps it in reach for greater productivity.

**Metric Hex Wrenches** - Included with tool to allow tightening of metric screws. Keep tools in tool case for periodic tightening of screws.

**Air Tool Oil** - Lightweight oil formulated for use in air tools provides proper lubrication to o-rings and internal parts.

Safety Goggles - Provide required eye protection

### LOADING FASTENERS

### LOADING INSTRUCTIONS

## \land DANGER

A fastener can be driven unintentionally if the trigger and safety bracket are activated at the same time. Always disconnect tool from air supply before loading fasteners or plastic caps, or performing any service on tool. Keep finger off trigger until ready to drive a fastener.

- 1. Disconnect tool from air supply using quick-connect coupling.
- 2. Depress magazine latch, and slide magazine cover open.
- Place one strip of GripRite<sup>™</sup> GRCP5822 staples into magazine.
- 4. Before closing magazine, check cap driver hook position for correct alignment with recess on cap cylinder bolt, and reposition hook if necessary. See alignment label on side of cap tower.
- 5. Slide magazine cover closed. Magazine must click into latched position.
- 6. Load plastic caps as shown on next page.







### LOADING PLASTIC CAPS

### LOADING INSTRUCTIONS

- 1. Disconnect tool from air supply using quick-connect coupling.
- 2. Open loading tower door by pulling follower handle all the way back, then out and away from magazine.

#### 3. Laser weld caps:

Load two complete strips of GripRite™ plastic caps into tower. "UP" side of caps face out. Top of cap stack must fit below rim inside tower.

Skip to step 5.





 4a. Corded/adhesive caps: Hang tool on belt using belt hook. Load one complete strip of GripRite™ plastic caps into tower. Top of cap stack must fit below rim inside tower.



4b. Hold cap stack down, and pull plastic cord completely free of stack using other hand. Discard cord. Lift tool off belt.



### LOADING INSTRUCTIONS (Cont'd)

- 5. Pull follower handle back and in to close tower door. Door must click into locked position.
- 6. Slide follower handle forward, and release.
- 7. Connect tool to air supply using quick connect coupling.
- 8. Drive one fastener to advance plastic cap into fastening position.
- 9. Tool is now ready for fastening caps as desired.



### OPERATION

#### **TRIGGER FIRE METHOD**

- 1. Hold the tool securely using the handgrip. Keep finger off trigger until tool is in position and you are ready to drive a fastener.
- 2. Position the nose of the tool on the workpiece, placing the nose at the desired fastener driving position.
- 3. Press the tool down firmly against the work surface, fully depressing the workpiece contact (SAFETY).
- 4. Squeeze the trigger once and release to drive a fastener. (NOTE: First fastener driven after reloading plastic caps does not include a cap. Cap feeds into fastening position after first fastener is driven.)
- 5. Lift the tool off the work surface to reset the workpiece contact.
- 6. Check fastener for flush drive against plastic cap, and adjust air pressure setting on compressor to obtain desired fastener drive.
- Increase air pressure to drive deeper or to drive into harder materials. Reduce air pressure to reduce drive or to drive into softer materials. For longest tool and part life, always use the lowest air pressure necessary to drive fasteners to desired depth.
- 8. Position the tool for driving the next fastener, and repeat the above procedure. Always keep hands and other body parts away from areas being fastened.

#### CONTACT TRIP (BUMP FIRE) DRIVING METHOD

- 1. Position the nose of the tool over the work surface, near the area where the first fastener/cap is to be driven.
- 2. Squeeze and hold the trigger in the depressed position.
- 3. Bump the workpiece contact (safety) against the work surface at each point where a fastener/cap is to be driven.
- 4. Using a bouncing motion, continue moving the tool into position for each fastener drive/cap attachment.
- 5. When fastening is completed, release the trigger.

### MAINTENANCE

Your tool will last longer and perform better if periodic maintenance is performed. Please use the information below to keep your tool operating in top condition.

#### Lubrication

Disconnect tool from the air supply and remove all fasteners. Apply three drops of air tool oil (provided) in the air inlet before each use, and after every 1000 fasteners driven. If the tool will be used outside in the winter, use a winter grade air tool oil to help keep frost from forming inside the tool. Do not use other types of lubricants on this tool, as other lubricants may contain chemicals harmful to o-rings and other tool components.

#### Cleaning

Disconnect tool from the air supply and remove all fasteners. Brush tool off using a parts cleaning brush or clean rag. Open magazine and brush out dirt and debris. Check area around trigger and workpiece contact, and clean as necessary.

#### Workpiece Contact & Trigger

Check workpiece contact for proper operation before each use. Workpiece contact must move freely and return to extended position when lifted from workpiece. Trigger must operate freely.

#### **Daily Inspection**

- Check for broken, damaged, or excessively worn parts, and repair or replace as needed.
- Check for air leaks at trigger, cap, and nose. Disconnect tool from air supply immediately if leaks are present, and see dealer for service.
- · Make sure all screws are tightened securely.

### PARTS SCHEMATIC



ITEM	P/N C	DESCRIPTION	ITEM	P/N I	DESCRIPTION
1	GRBN312	DEFLECTOR	54	GRBN204	MAGAZINE A
2	GRBN308	BOLT ASSY	55	GRBN205	PROT. HOOD COVER
3	GRBN313	CAP	56	GRBN206	SPRING
4	GRBN296	SEAL	57	GRBN207	LATCH
5	GRBN314	COMPRESSION SPRING	58	GRBN208	LATCH PIN
6	GRBN297	O - RING	59	GRBN209	E - RING
7	GRBN306	O - RING	60	GRBN210	PULL SPRING
8	GRBN315	HD.VALVE PISTON	61	GRBN211	RELIEF PLATE
9	GRBN316	O - RING	62	GRBN333	SAFETY COVER
10	GRBN317	CYLINDER CAP SEAL	63	GRBN222	ANCHOR BLOCK
11	GRBN318	COLLAR	64	GRBN218	HALF RND HD.HEX.BOLT
12	GRBN161	O - RING	65	GRBN334	HALF RND HD.HEX.BOLT
13	GRBN319	DRIVER UNIT	66	GRBN294	FIXED SUPPORT
14	GRBN320	O - RING	67	GRBN335	FRONT PLATE A
15	GRBN321	CYLINDER	68	GRBN336	SPRING
16	GRBN160	CYLINDER RING	69	GRBN337	PUSHING
17	GRBN295	BUMPER	70	GRBN227	FLIPPER ARM
18	GRBN164	DRIVER BLADE GUIDE	71	GRBN52	HEX.SOC.HD.BOLT
19	GRBN322	O - RING	72	GRBN338	HEX.SOC.HD.BOLT
20	GRBN323	TRIGGER VALVE HEAD	73	GRBN229	BELTHOOK
21	GRBN174	SPRING	74	GRBN230	HEX.SOC.HD.BOLT
22	GRBN324	PLUNGER	75	GRBN232	SPRING
23	GRBN307	O - RING	76	GRBN9	HEX.SOC.HE.SCREW
24	GRBN325	O - RING	77 78	GRBN10	TOWER DOOR PLUG
25	GRBN326	O - RING	78 79	GRBN12	
26	GRBN327	PLUNGER CAP	80	GRBN11 GRBN302	FOLLOWER HEX.SOC.HD.BOLT
27	GRBN181	TRIGGER PIVOT PIN	81	GRBN14	ROLL PIN
28	GRBN305	HEX.SOC.HD.SCREW	82	GRBN14 GRBN13	NEGDRUM
29	GRBN328	ROLL PIN	83	GRBN16	SPRING
30	GRBN329	ROLL PIN	84	GRBN287	HD. BOLT
31	GRBN231		85	GRBN311	COUNTER SUNK SCREW
32	GRBN182	URETHANE RETAINER	86	GRBN236	BALL SPRING ASSY
33	GRBN298	SAFETY	87	GRBN339	FRONT PLATE B
34	GRBN299		88	GRBN228	HEX.SOC.HD.BOLT
35 36	GRBN186 GRBN180	ROLL PIN SAFETY GUIDE	89	GRBN340	SEAL
30 37	GRBN330	SAFETY SPRING	90	GRBN341	SPRING SEAL
38	GRBN293	GUN BODY UNIT	91	GRBN342	COMPRESSION SPRING
39	GRBN300	O - RING	92	GRBN343	PISTON
40	GRBN301	ENDCAP	93	GRBN344	BUMPER
41	GRBN331	AIR PLUG CAP	94	GRBN345	PISTON SHAFT
42	GRBN28	AIR PLUG	95	GRBN346	COLLAR
43	GRBN309	BOLT ASSY	96	GRBN347	SEAL
44	GRBN194	HEX.SOC.HD.BOLT	97	GRBN348	PUSHER CONTACT
45	GRBN195	DRIVER GUIDE COVER	98	GRBN47	LOCK NUT
46	GRBN310	GASKET	99	GRBN349	DEFLECTOR
47	GRBN197	MAGAZINE B	100	GRBN350	C - RING
48	GRBN332	SAFETY	101	GRBN351	O - RING
49	GRBN199	BRACKET	102	GRBN352	EXHAUST VALVE B
50	GRBN285	HEX.SOC.HD.BOLT	103	GRBN353	O - RING
51	GRBN201	FLAT WASHER	104	GRBN354	EXHAUST VALVE C
52	GRBN202	HEX.SOC.HD.BOLT	105	GRBN355	EXHAUST VALVE A
53	GRBN203	PUSHER	106	GRBN356	BRACKET

### TOOL TROUBLESHOOTING

Your pneumatic fastening tool has been designed for long life and troublefree operation. However, if operating problems arise, please use the troubleshooting information below to determine how to remedy the problem.

## \land DANGER

Always disconnect tool from air supply before performing any service on tool. Correcting a problem while the tool is pressurized may result in injury from fastener discharge or tool operation.

FASTENER DRIVING PROBLEMS			
PROBLEM	CORRECTIVE ACTION		
Fasteners do not drive completely.	Increase air pressure. Add 2 - 3 drops of air tool oil to inlet. Do not exceed 120 psi/8.3 bar		
Fasteners do not drive completely after air pressure is increased.	Driver blade worn or broken. See dealer for replacement.		
Fasteners do not drive completely when driving in quick succes- sion.	Inadequate air flow. Use larger diameter hose. Use compressor with larger storage tank. Keep hose lines short. Check air hose for kinks or other restrictions.		
Fasteners drive too deeply.	Reduce air pressure. (Do not reduce air pressure below 100 psi/6.9 bar.)		
Tool operates, but no fastener is driven.	Check fasteners for smooth feeding in magazine. Check magazine for obstructions or debris, and clean as required.		
Tool leaks air.	Check for source of leak, and tighten fittings and screws as required. Discontinue using tool if air leaks at trigger area or from cap exhaust. Contact your dealer.		

FASTENER DRIVING PROBLEMS			
Fastener jammed in tool nose, preventing tool from operating.	Depress magazine release, and open maga- zine. Remove jammed fastener, and check magazine for obstructions, debris, and loose fasteners. Discard loose fasteners. Clean fastener track as required, and reload fasten- ers.		
PLASTIC CAP PROBLEMS			
PROBLEM	CORRECTIVE ACTION		
Caps are not applied	Check cap tower and reload if necessary		
Cap tower full, but caps do not feed into fastening position.	Check cap driver hook for proper positioning as shown on alignment label. Reposition if necessary.		
Cap tower full, and driver link is aligned, but caps do not feed.	Open cap tower door and push cap stack down firmly. Close door and drive a fastener to eject cap.		
Caps do not feed - cap appears jammed in magazine.	Remove jammed cap through opening in front plate.		
Caps feed, but are not retained in fastening position.	Flipper arm worn or broken. See dealer for repair.		
Caps not tight against work surface.	Increase air pressure. Make sure tool is held against work surface when driving fastener.		
Caps cut or deformed by fastener.	Decrease air pressure.		
Fastener position on cap off-center	Avoid dragging tool against work when applying caps. Keep tool stationary when fastener is being driven.		



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#### LIMITED WARRANTY APPLICABLE TO PNEUMATIC TOOLS AND COMPRESSORS

GRIP-RITE<sup>\*</sup> brand pneumatic tools bearing Serial Numbers 19070001 and above; or Serial Numbers 19400001 and above, are warranted to be free from defects in workmanship and materials for seven years from the date of purchase.

Rubber o-rings, bumpers, seals, driver blades, dipsticks, and air filters are excluded from this warranty. Pneumatic tools bearing Serial Numbers not reference above, including all legacy branded tools or "silver body" tools, are covered by a three-year warranty.

All compressors, regardless of body color, are warranted to be free from defects in materials and workmanship for one year from the date of original purchase.

If your compressor or GRIP-RITE<sup>™</sup> pneumatic tool demonstrates a defect in workmanship or materials during the warranty period, it may be returned to PRIMESOURCE<sup>®</sup> for repair, and if it is not repairable, PRIMESOURCE<sup>®</sup> will replace it.

These warranties will not apply if:

- The original receipt (or copy), showing the original purchase date, is not provided with the tool or compressor sent in for warranty repair
- The tool or compressor has been misused, abused or improperly maintained
- · Alterations have been made to the original tool or compressor
- Repairs have been attempted or made to the original tool or compressor by any entity other than a proprietary PRIMESOURCE® service/warranty center or authorized service/warranty center
- Non-GRIP-RITE TOOLS<sup>™</sup> / GRIP-RITE COMPRESSORS<sup>™</sup> parts have been used
- The tool has suffered any physical damage due to the use of non-PRIMESOURCE® approved fasteners. The only approved fasteners include the following brands TIMCO, GRIP-RITE
- Repairs are required due to normal wear and tear on the product. Normal wear and tear are not warrantable conditions
- The tool or compressor has been inadequately packaged leading to damage in transit to the service/warranty center

THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. PRIMESOURCE® EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE (EXCEPT AS MAY OTHERWISE BE PROVIDED BY LAW).

# PRIMESOURCE® DISCLAIMS LIABILITY FOR INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RELATED TO THE SALE OR USE OF ITS PRODUCTS BOTH DURING AND AFTER THE WARRANTY TERM.

These warranties give you specific legal rights, and you may also have other rights, which vary, from state to state.

(continued on next page)

#### PNEUMATIC TOOL/COMPRESSOR SERVICE INFORMATION

Should any mechanical problems develop during the life of your equipment, the following options are available for service and parts:

- Call (800) 676-7777 to be routed to the nearest GRIP-RITE™ distribution center and directed to the nearest authorized service/warranty center
- Log on to our website at www.grip-rite.com to find a list of our authorized service centers
- Contact the PRIMESOURCE® National Service Center directly at Phone: (800) 207-9259 or Fax: (800) 207-9614

#### STEPS TO TAKE WHEN SHIPPING TOOLS

- Adequately package the product to avoid damage in transit (in the case of pneumatic tools, the original blow mold plastic carrying case is considered adequate packaging)
- Provide the original or copy of the receipt showing the original purchase date
- Insure your shipment with the shipping company. PRIMESOURCE® will not be responsible for any tool or compressor that is lost or damaged by the shipper.

## USE GENUINE GRIP-RITE® FASTENERS FOR BEST PERFORMANCE





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