OPERATOR'S MANUAL AND PARTS LIST

MODEL GRTRN45 ROOFING NAILER





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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

AIR INLET

MODEL GRTRN45 COIL ROOFING NAILER

FASTENER RANGE 7/8" to 1-3/4" (22 mm - 45 mm)

FASTENER TYPE 15° COIL ROOFING NAILS

MAGAZINE CAPACITY 1 COIL - 120 NAILS

MAX AIR PRESSURE 120 (8.3 bar) psi

MIN AIR PRESSURE 70 (4.8 bar) psi

TOOL WEIGHT 5.04 lbs. (2.29 kg)

TOOL LENGTH 10.5" (26.7 cm)

10.9" (27.7 cm) **TOOL HEIGHT**

TOOL WIDTH 3.2" (8.1 cm)

TRIGGER TYPE STD. DUAL ACTION

1/4" NPT AIR CONNECTION MALE QUICK CONNECT COUPLER

LUBRICATION 10W Air Tool Oil (Provided)

For best results, use Grip-Rite™ collated fasteners.

	FASTENER SELECTION CHART			
SIZE	BOX QTY.	ELECTROGALVANIZED SMOOTH SHANK SKU	STAINLESS STEEL RING SHANK SKU	
7/8"	7.2M	GRCR2DCGAL	N/A	
1"	7.2M	GRCR2DGAL	N/A	
1-1/4"	7.2M	GRCR3DGAL	GRCR3DRSS	
1-1/2"	7.2M	GRCR4DGAL	GRCR3DRSS	
1-3/4"	7.2M	GRCR5DGAL	N/A	

SAFETY

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

These safety symbols 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		
	READ THE MANUAL - 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.		
	RISK OF PERSONAL INJURY - 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

Only use the correct fastener for the tool. Using 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.

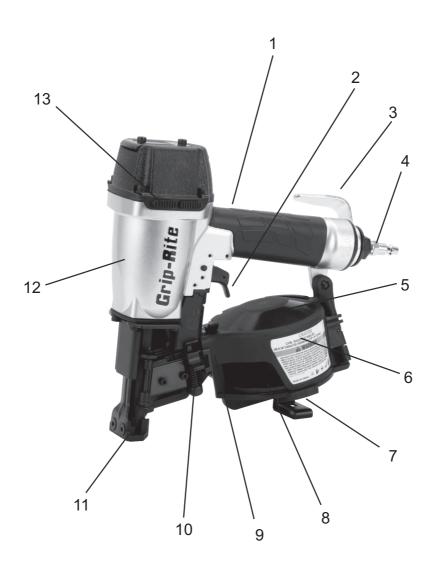


DO NOT MODIFY TOOL

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

DESCRIPTION

TOOL PARTS



PART DESCRIPTIONS

- Cushioned Grip Cushioned handgrip reduces fatigue and provides comfortable operation.
- 2. Dual Action Trigger Actuates tool when workpiece contact is depressed against work surface. Permits contact-trip (bump fire) or trigger-fire operation.
- 3. Rotating Belt Hook Metal tool hook slides on belt. Holds tool securely and keeps it in reach for greater productivity.
- 4. Air Coupling Quick-disconnect male coupling allows quick connection to air hose.
- Coil Nail Magazine Hold fasteners securely and protects coils from damage. Adjust quickly to handle different length fasteners.
- Safety Warning Label Provides important safety reminders thay must be followed whenever handling, operating, or servicing the tool
- 7. Shingle Guide Adjustable shingle guide provides consistent shingle exposure for fast, accurate work.
- 8. Adjustable Fastener Tray Adjustable tray supports different fastener lengths for positive, trouble-free feeding.
- 9. Door Latch Spring-loaded latch keeps door securely closed. Opens quickly for fast, easy reloading of nail coils.
- Dual Feed Pawl System Dual feed pawl system provides consistent nail feed.
- Replaceable Contact Spring-loaded contact mechanism prevents tool from driving a fastener unless tool is pressed down and held against a work surface. Carbide steel inserts resist wear and extend part life.
- 12. Tool Housing Aluminum tool housing reduces tool size and increases durability.
- 13. Anti-skid grips Prevent tool from sliding off roof when not in use.

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

OPERATION

LOADING FASTENERS

LOADING INSTRUCTIONS

⚠ 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, making adjustments, or performing any service on tool. Keep finger off trigger until ready to drive a fastener.

- Depress door latch and open door. Swing magazine cover open.
- 2. Check nail holder position, and adjust as needed for nail length being driven.
- To adjust, pull up on center post, and twist holder to desired setting using nail length indicators inside magazine.
- Place coil of nails over center post. Uncoil enough nails to reach feed pawl, and pull out toward tool nose.
- Place first nail in nail drive channel, and position second nail between teeth of feed pawl. Nail heads must be aligned in nail head groove.
- 6. Close magazine cover, and latch door securely.
- Roofing nailer is now loaded and ready to be connected to an air supply for operation.



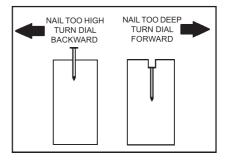




ADJUSTING NAIL DRIVE

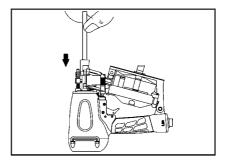
- 1. Disconnect tool from air supply using quick-connect coupling.
- 2. Turn adjustment dial backward to increase nail drive, or forward to decrease nail drive, as shown by nail symbols on tool.
- 3. Connect tool to air supply, and drive nails to check for correct depth of drive.
- 4. Make depth of drive adjustments as needed to maintain consistent nail driving.
- 5. NEVER drive nail heads through roofing shingles, tar paper, or other materials being fastened.

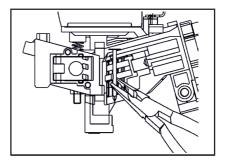




CLEARING NAIL JAMS

- 1. Disconnect tool from air supply using quick-connect coupling.
- 2. Open door, remove nails from drive channel and feed pawl.
- Insert rod into nose bore, and push nail back through drive channel and out of guide body.
 If necessary, tap rod lightly with a hammer to free jammed nail.
- 4. Remove nail from drive channel using pliers.





OPERATION

TOOL 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.
- 5. Lift the tool off the work surface to reset the workpiece contact.
- 6. Check fastener for flush drive, and turn nail depth adjustment dial 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.

TOOL OPERATION

SHINGLE GUIDE ADJUSTMENT

- 1. Loosen the screw holding the guide, and reposition the guide to provided the desired shingle exposure. Tighten screws securely.
- 2. Place the front edge of the shingle guide against the bottom edge of the lower course of shingles, and use the front of the safety bracket to position the edge for the next course of shingles.

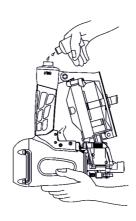


MAINTENANCE

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 3 - 5 drops of air tool oil (provided) in the air inlet two - three times a day. 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. Drain compressor tanks and hoses daily.



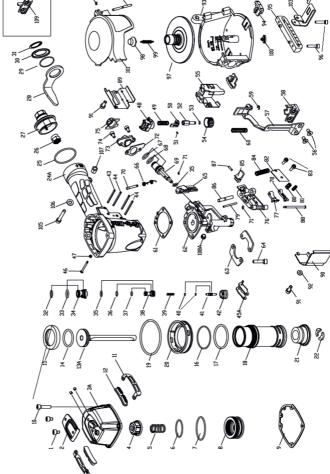
Cleaning

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



Attention: Any repairs or replacements must be done by a qualified person or an authorized service center.







PARTS LIST

ITEM	I P/N	DESCRIPTION	ITEM	1 P/N [DESCRIPTION
1 0	GRTN3300	Hex.Soc.Hd.Bolt	59	GRTN2670	E-ring
2 (GRTN8410	Deflector, Exhaust	60	GRTN8660	Spring, Safety
3A C	GRTN8420	Cap Assembly	61	GRTN8580	Gasket
4	GRTN8450	Piston Stopper	62	GRTN8590	Nose
a C	3RTN8460	Spring	63	GRTN8640	Guide Bulb
6	GRTN8960	O-Ring	64	GRTN8870	Hex.Soc.Hd.Bolt
7	GRTN8910	O-Ring	65	GRTN8630	Feed Pawl
8 6	3RTN8430	Piston,Head Valve	66	GRTN9040	Spring
9 (3RTN8440	Gasket, Cap	67	GRTN8980	O-Ring
10 0	SRTN8880	Hex.Soc.Hd.Bolt	68	GRTN8920	O-Ring
11 0	3RTN8470	Guide Cover	69	GRTN8600	Feed Piston
12 0	3RTN8490	Anti.Skid Grip	70	GRTN8620	Roll Pin
13A G	3RTN8520	Driver Assembly	71	GRTN2470	O-Ring
14	3RTN8940	O-Ring	72	GRTN9150	Gasket
15 0	3RTN8480	Seal	73	GRTN8610	Feed Piston Cover
16	3RTN8970	O-Ring	74	GRTN5890	Hex.Soc.Hd.Bolt
17 (3RTN2330	O-Ring	75	GRTN9140	Feed Piston Cover
18 6	3RTN8500	Cylinder	76	GRTN9090	Nail Guide
19 (3RTN8990	O-Ring	77	GRTN9050	Nail Stopper
20 0	3RTN8510	Cylinder Spacer	78	GRTN8820	Nail Stopper
21 (3RTN8530	Bumper	79	GRTN9020	Spring Pin
22 (3RTN8370	Driver Guide	80	GRTN8830	Spring
24A C	3RTN8540	Body Assembly	81	GRTN9110	Spring
25 0	3RTN4430	O-Ring	82	GRTN9100	Nail Guide Cover
26	3RTN8380	Muffler	83	GRTN1870	Hex.Soc.Hd.Bolt
27	3RTN8550	End Cap	84	GRTN9060	Spring
	SRTN8560	Belt hook	85	GRTN9080	Nail Guide Latch
29	3RTN8930	O-Ring	86	GRTN9070	Lock Shaft
	3RTN4120	Cover,Belt hook	87	GRTN2500	Spring Pin
	GRTN4440	C-ring	88	GRTN8390	Shaft Pin Nail Guide
	3RTN2220	O-Ring	89	GRTN8840	Debris Shield
	3RTN2240	O-Ring	90	GRTN9120	Safety Cover
	GRTN800	Valve	91	GRTN8860	Hex.Soc.Hd.Bolt
	GRTN2170	O-Ring	92	GRTN6050	Flat Washer
	3RTN6250	O-Ring	93	GRTN8750	Magazine
	3RTN2100	O-Ring	94	GRTN9130	Bushing
	SRTN805	Valve Plunger	95	GRTN8760	Gauge Bracket
	GRTN830	Spring	96	GRTN8850	Hex.Soc.Hd.Bolt
	SRTN2230	O-Ring	97	GRTN8780	Nail Holder
	SRTN810	Plunger	98	GRTN8720	Tension Post Bushing(Upper)
	SRTN820	Plunger Cap	99	GRTN8400	Spring
	GRTN2540	Spring Pin	100	GRTN5210	Tension Post Bushing
	SRTN9010	Spring Pin	101	GRTN8740	Magazine Cover
	GRTN8570	Trigger Assembly	102	GRTN8730	Shaft Pin Cover
	GRTN790	Pin Trigger Grommet	103	GRTN8770	Adjusting Plate
	GRTN2210		104	GRTN4020	Hex.Soc.Hd.Bolt Hex.Soc.Hd.Bolt
	GRTN8790	Guide, Contact Trip	105	GRTN8880	
	GRTN8710	Adjusting Spring	106	GRTN9030	Flat Washer
	GRTN8650	Contact Trip, Upper Assembly	107	GRTN3340	Locknut Magnet Bushing Assembly
	SRTN9000	Spring Pin Adjusting Post		GRTN1460 GRTN8800	Magnet Bushing Assembly Safety Foot (Vinyl)
	GRTN8670	O-Ring	109	GKINOOUU	Calety I OUT (VIII)
	GRTN8950	Safety Guide		CBDAKSOOO	Driver Assembly Kit
	GRTN8700	Guide, Contact Trip		GRBK3000	-
	GRTN8810	Hex.Soc.Hd.Bolt			Tool Case
	GRTN8900 GRTN8680	Lower Safety Lever Assembly		CASERN45 MANRN45	Operators Manual
	3RTN8690	Safety Nose Assembly (Roofing)		GRTRK100	Trigger Valve Assembly
00 (הפססאווזיכ	Calcity 14036 ASSETTIBLY (140011119)		OKTIVE 100	ingger valve Assembly

TROUBLESHOOTING

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.

♠ 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.	AT TOOL: Turn adjustment dial to increase nail drive depth. Add 2 - 3 drops of air tool oil to inlet.	
	AT COMPRESSOR: Increase air pressure. 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 succession.	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.	AT TOOL: Turn adjustment dial to decrease nail drive depth.	
	AT COMPRESSOR: Reduce air pressure. (Do not reduce below 70 psi/4.8 bar.)	

TROUBLESHOOTING

FASTENER DRIVING PROBLEMS			
Tool operates, but no fastener is driven.	Check coil for broken collation wires. Cut off broken section and discard. Check tray setting for correct nail size. Reload nails.		
Tool won't operate - nail jammed in tool nose, preventing tool from operating.	Depress magazine release, and open magazine. Remove jammed fastener. Check magazine for obstructions, debris, and loose fasteners. Discard loose fasteners. Check tray setting for correct nail size. Reload nails.		
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.		

TOOL CHECKS

Keep your nailer in top working condition by checking it daily. See your Grip-Rite® dealer for service if part or operating problems are found. Never use a malfunctioning tool - it could result in serious injury.

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.

USE GENUINE GRIP-RITE® FASTENERS FOR BEST PERFORMANCE





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PNEUMATIC TOOL/COMPRESSOR WARRANTY

Pneumatic nailers, staplers & compressors marketed under the **GRIP-RITE®** brand are warranted to be free from defects in workmanship & materials (except rubber o-rings, bumpers, seals, driver blades, dipsticks, & air filters) for a period of three (3) years for tools and one (1) year for compressors from the date of original purchase.

30 DAY SATISFACTION GUARANTEE

If you are the original purchaser and not 100% satisfied with the performance of your **GRIP-RITE®** pneumatic tool or compressor, you have the option to return the product to the original place of purchase, with a dated sales receipt, within 30 days from the date of purchase for a full refund.

This warranty and 30 day satisfaction guarantee will not apply when:

- The original receipt (or copy of the original receipt), showing the original purchase date, is not
 provided with tools/compressors sent in for warranty repair or replacement
- · The tool/compressor has been misused, abused or improperly maintained
- · Alterations have been made to the original tool/compressor
- Repairs have been attempted/made to the original tool/compressor by any entity other than a
 proprietary PRIMESOURCE® service/warranty center or authorized service/warranty center
- Non- GRIP-RITE TOOLS[™] / GRIP-RITE COMPRESSORS[™] parts have been used
- The tool has suffered any physical damage due to the use of non-PRIMESOURCE® approved fasteners*
- · Repairs are required due to normal wear & tear
- The tool/compressor has been inadequately packaged leading to damage in-transit to the service/warranty center
- *Approved fasteners include the following brands *GRIP-RITE®,FAS'NERS UNLIMITED™*

IN NO EVENT SHALL **PRIMESOURCE.** BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGE FROM THE SALE OR USE OF THESE PRODUCTS. THIS DISCLAIMER A PPLIES BOTH DURING & AFTER THE TERM OF WARRANTY

THIS IS OUR WARRANTY & IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILTY AND FITNESS FOR A PARTICULAR PURPOSE (EXCEPT AS MAY BE OTHERWISE PROVIDED BY LAW).

This limited warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

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 where you will be routed to the nearest GRIP-RITE® distribution center and directed to
 the nearest authorized service/warranty center
- Logging on to our website at www.grip-rite.com where you will find a list of our authorized service centers
- Contact the PRIMESOURCE® Factory Warranty 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/copy of the receipt showing the original purchase date
- Insure your shipment with the shipping company. PRIMESOURCE® will not be responsible for any
 tool/compressor that is lost or damaged by the shipper in transit to the PRIMESOURCE® service/warranty
 center

MANUAL DEL OPERADOR

Y LISTA DE PIEZAS CLAVADORA PARA TEJADOS MODELO GRTRN45



