

Grizzly **Industrial, Inc.**®

34° CLIPPED HEAD FRAMING NAILER

MODEL H6146

INSTRUCTION MANUAL



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REVISED DECEMBER, 2017 (HE)

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#BL6906 PRINTED IN CHINA

SECTION 1: SAFETY

WARNING

For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

DANGER

Indicates an imminent hazardous situation which, if not avoided, **WILL** result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE

This symbol is used to alert the user to useful information about proper operation of the equipment.

WARNING

Safety Instructions for Pneumatic Tools

KEEP ALL SAFETY DEVICES IN PLACE and in working order.

REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before operation.

KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.

DO NOT USE IN DANGEROUS ENVIRONMENT. Do not use pneumatic tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.

KEEP CHILDREN AND VISITORS AWAY. All children and visitors should be kept at a safe distance from work area.

MAKE WORKSHOP CHILD PROOF by locking the shop and shutting off air valves.

DO NOT FORCE TOOL. It will do the job better and safer at the rate for which it was designed.

USE THE RIGHT TOOL. Do not force tool or attachment to do a job for which it was not designed.

DO NOT USE UNDER INFLUENCE OF DRUGS OR ALCOHOL.

WARNING

Safety Instructions for Pneumatic Tools

USE PROPER AIR HOSE for the tool. Make sure your air hose is in good condition and is long enough to reach your work area without stretching.

WEAR PROPER APPAREL. Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear a protective hair covering to contain long hair.

ALWAYS USE SAFETY GLASSES. Also use a face or dust mask if operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.

WEAR APPROVED HEARING PROTECTION. Air escaping from pneumatic tools can exceed safe exposure limits and may cause hearing damage with prolonged exposure.

AWKWARD POSITIONS. Keep proper footing and balance at all times when operating tool. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

REDUCE THE RISK OF UNINTENTIONAL FIRING. Do not carry tool with hand on trigger and always disconnect from air when not in use.

CHECK FOR DAMAGED PARTS. Regularly inspect tool for any condition that may affect safe operation. Immediately repair or replace damaged or mis-adjusted parts before operating tool.

DISCONNECT TOOLS before servicing, changing accessories, or moving to another location.

USE RECOMMENDED ACCESSORIES. Consult this owner's manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

NEVER LEAVE UNATTENDED TOOL CONNECTED TO AIR. Disconnect the air hose and do not leave tool until it is relieved of any built up pressure.

NEVER ALLOW UNTRAINED USERS TO USE THIS TOOL WHILE UNSUPERVISED.

IF YOU ARE UNSURE OF THE INTENDED OPERATION, STOP USING TOOL. Seek formal training or research books or magazines that specialize in pneumatic tools.

BE AWARE OF HOSE LOCATION WHEN USING PNEUMATIC TOOLS. Hoses can easily become a tripping hazard when laid across the floor or spread out in a disorganized fashion.

SECURE WORK. When required, use clamps or vises to secure workpiece. A secured workpiece protects hands and frees both of them to operate the tool.

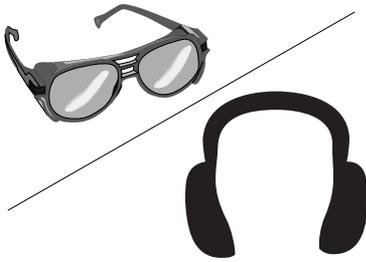
MAINTAIN TOOLS WITH CARE. Keep tools lubricated and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

WARNING

Additional Safety Instructions for Nailers/ Staplers

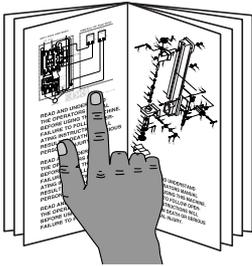
- 1. HAND INJURIES:** Do not place your hands near the nail/staple point of entry. A nail/staple can deflect and tear through the surface of the workpiece, puncturing your hand or fingers.
- 2. COMBUSTIBLE GASES:** Never connect the nailer/stapler to pressurized oxygen or other combustible gases as an air source. Only use filtered, lubricated, and regulated compressed air.
- 3. SAFE HANDLING:** Never point the nailer/stapler at others! Do not keep the trigger pulled when loading fasteners, carrying, or holding tool. Carry the tool only by the handle, never by any other part. Do not carry the tool by the air hose. Disconnect the nailer/stapler from the air hose when going up and down ladders.
- 4. MODIFICATIONS:** DO NOT modify this tool or bypass the safety nose mechanism.
- 5. COMPRESSED AIR RATING:** Do not connect the nailer/stapler to compressed air that exceeds 120 PSI.
- 6. HOSE USAGE:** Make sure your air hose is designed for the tool in use, is in good condition, and is long enough to reach your work without stretching. However, an overly long air hose in the work area may be a tripping hazard.
- 7. OPERATING QUESTIONS:** If you are not sure about the intended operation, stop using the nailer/stapler. Seek formal training.
- 8. CLEANING:** Never use gasoline or other flammable liquids to clean the nailer; vapors in the nailer/stapler will ignite by a spark and cause it to explode.
- 9. MAINTENANCE:** Always disconnect air from the nailer/stapler when servicing or installing nails. During maintenance, a nailer/stapler connected to air may fire accidentally, causing serious personal injury.
- 4. CHECK VALVE:** Do not use a check valve or any other fitting that allows air to remain in the tool after it is disconnected from the air source.

!WARNING



Operating this nailer can propel objects into the air, causing immediate eye damage. To protect yourself, always wear American National Standards Institute (ANSI) approved safety glasses or goggles when operating this equipment. In addition, this nailer discharges at up to 85-90 decibels. To protect your hearing, always wear ANSI approved ear protection when operating this nailer.

!WARNING



Read the manual before operation. Become familiar with this nailer, its safety instructions, and its operation before beginning any work. Serious personal injury may result if safety or operational information is not understood or followed.

!WARNING

Never point this nailer at yourself or another person! Always pay attention to the direction this nailer is pointed. Use this tool with respect and caution to lessen the possibility of operator or bystander injury. Ignoring this warning may result in serious personal injury.

!CAUTION

No list of safety guidelines can be complete. Every shop environment is different. Always consider safety first, as it applies to your individual working conditions. Use this and other tools with caution and respect. Failure to do so could result in serious personal injury, damage to equipment or poor work results.

!CAUTION

Nailer/stapler accidents routinely happen while moving the gun to another location, such as up ladders, to another room, or even another job site. Always disconnect the gun immediately after use and never transport the gun while connected to the air—even if the air compressor is disconnected from its power source!

INTRODUCTION

Foreword

We are proud to offer this manual with your new H6146 34° Clipped Head Framing Nailer! We've made every effort to be exact with the instructions, specifications, drawings, and photographs of the nailer we used when writing this manual. However, sometimes we still make an occasional mistake.

Also, owing to our policy of continuous improvement, your nailer may not exactly match the manual. If you find this to be the case, and the difference between the manual and nailer leaves you in doubt, check our website for the latest manual update or call technical support for help.

For your convenience, we post all available manuals and manual updates for free on our website at www.grizzly.com. Any updates to your model of machine will be reflected in these documents as soon as they are complete.

Machine Data

Nail Size $\frac{7}{64}$ "- $\frac{1}{8}$ " Shank Diameter
Nail Strip Angle..... 34°
Nail Length 2"-3½"(Clipped Headed)
Magazine Capacity 100 Nails
Air Inlet $\frac{1}{4}$ " NPT
Weight 8½ lbs.
Operating Pressure 70-120 PSI

Contact Info

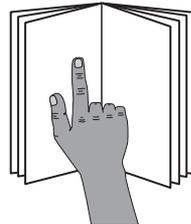
We stand behind our machines. If you have any service questions, parts requests or general questions about the machine, please call or write us at the location listed below.

Grizzly Technical Support
1815 W. Battlefield
Springfield, MO 65807
Phone: (570) 546-9663
E-Mail: techsupport@grizzly.com

We want your feedback on this manual. If you can take the time, please email or write to us at the address below and tell us how we did:

Grizzly Industrial, Inc.
C/O Technical Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069
Email: manuals@grizzly.com

WARNING



This nailer presents serious injury hazards to untrained users. Read through this entire manual to become familiar with the controls and operations before starting the machine!

SET UP

Unpacking

Your machine was carefully packaged for safe transportation. Remove the packaging materials from around your machine and inspect it. If you discover the machine is damaged, *please immediately call Customer Service at (570) 546-9663 for advice.*

Save the containers and all packing materials for possible inspection by the carrier or its agent. Otherwise, filing a freight claim can be difficult.

When you are completely satisfied with the condition of your shipment, inventory the contents.

If any non-proprietary parts are missing (e.g., a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

Inventory

After you open the nailer box, you should find the following.

Model H6146 Inventory (Figure 1)

- A. 34° Clipped Head Framing Nailer 1
- B. Safety Goggles 1
- C. Oil..... 1
- D. Hex Wrench 3mm 1
- E. Hex Wrench 4mm 1
- F. Hex Wrench 5mm 1
- G. Hex Wrench 6mm 1

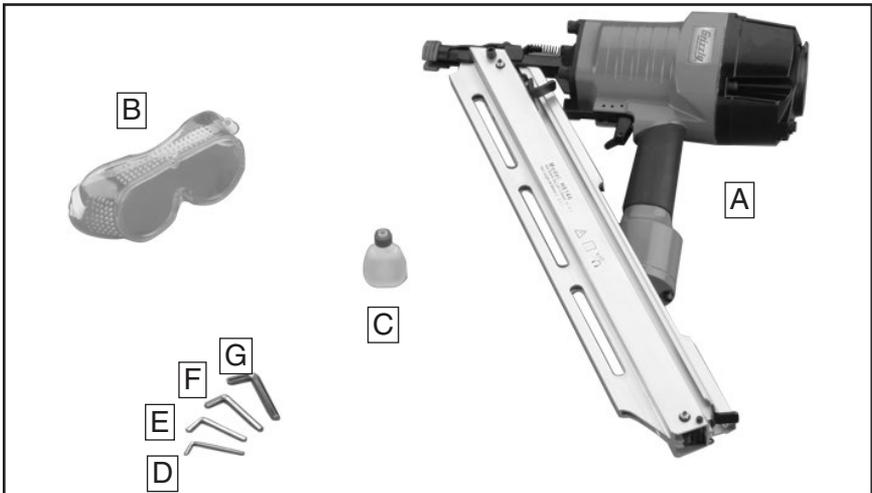


Figure 1. Model H6146 inventory.

Compressed Air System

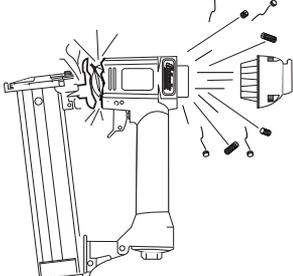
The Model H6146 is designed to be operated at 70-120 PSI using clean, dry, regulated, compressed air. **DO NOT exceed the maximum operating pressure for your model.**

Before using your new nailer, regulate the air pressure on your air compressor to the minimum PSI for your model.

An in-line filter/lubricator/regulator unit, depicted in **Figure 2**, can be installed and should be located as close to the nailer as possible.

This filter/lubricator/regulator unit will protect your tool from damaging water build-up, allow you to adjust and maintain constant air pressure to your tool, and save you the inconvenience of having to manually lubricate your tool every time you use it.

! WARNING



Exceeding the maximum permissible operating pressure may cause the nailer to explode, blowing metal fragments in all directions. To protect yourself from serious personal injury, DO NOT allow your air compressor to exceed the recommended pressure when connected to this nailer!

Check the current Grizzly catalog for availability of this unit. If you plan on installing a filter/lubricator/regulator unit in your compressed air system, always follow the connection instructions that come with the unit.

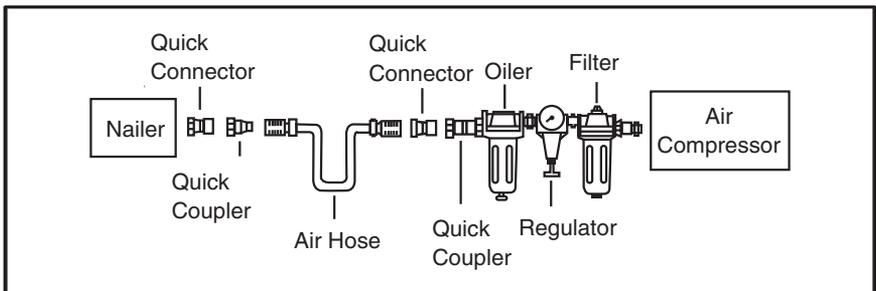


Figure 2. Filter/Lubricator/Regulator Unit.

Safety Yoke

A safety yoke mechanism on the nose of the nailer acts as a secondary safety device. When the trigger is pressed, the nailer will not fire until the safety yoke mechanism is depressed.

Before you use your nailer for the first time, check the safety yoke mechanism to ensure proper function. To do this:

1. **DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. Make sure the magazine is empty and contains no nails.
3. Make sure the trigger and the safety yoke mechanism move up and down without sticking.
4. Connect the nailer to the air supply.

WARNING

The safety yoke is a mechanical device that can fail. Never rely on the safety yoke mechanism as an excuse to point the nailer at yourself or any bystanders. Serious injury may occur.

5. **Without pressing the trigger**, depress the safety yoke mechanism against a scrap piece of wood that is clean and free of any knots, nails, or other foreign objects.

- If the nailer does not fire, then the safety yoke mechanism is working correctly.
- If the nailer **does fire** when you do this, immediately disconnect the nailer from the air supply and call Grizzly Technical Support at (570) 546-9663 for help.
- If the nailer fires when the trigger is pulled, without the safety yoke mechanism being depressed, then the nailer is not working properly.
- If either of these two conditions develop after you have used your nailer for a period of time, check the lubrication of these mechanisms.

OPERATIONS

Loading

When replacing nails in your Model H6146, follow these guidelines:

Diameter: $\frac{7}{64}$ "- $\frac{1}{8}$ "

Length: 2"-3 $\frac{1}{2}$ "

Capacity: 100

Strip Angle: 34°

To load your nailer:

1. **DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. Grip the nailer firmly, pull the magazine pusher back, and engage the catch lever as shown in **Figure 3**.

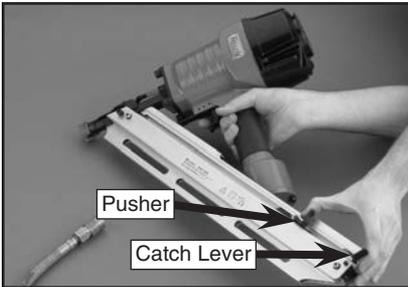


Figure 3. Sliding pusher toward the catch lever.

3. Insert a strip of nails, pointed-end down, into the magazine as shown in **Figure 4**.



Figure 4. Loading nails into magazine.

4. Slide the nails all the way down to the nose of the nailer.
5. Release the catch lever. The pusher slides forward until it rests against the nail stick.

Operating

If you have not read the safety instructions in this manual, do not operate the nailer.

Before you operate your nailer, place five to six drops of the included oil into the quick connect fitting where the nailer connects to the air supply.

To operate your nailer:

1. Connect the air supply to the quick connect fitting.
2. To test for proper nail penetration, hold the nailer perpendicular to the surface of a piece of clean scrap wood that is thick enough for the length of nails you have loaded.

3. Pull the trigger and depress the safety yoke mechanism on your workpiece.
4. Before pressing the trigger, make sure your free hand and other body parts are positioned out of the way of a potential path of a nail in case of deflection.

Deflection is caused when grain irregularities, knots or foreign objects inside the wood cause the nail to change its path, resulting in the nail puncturing the surface of the workpiece, as shown in **Figure 5**.

Besides damaging your workpiece, deflection can cause injury if your free hand is securing the workpiece in the location that the nail deflects.

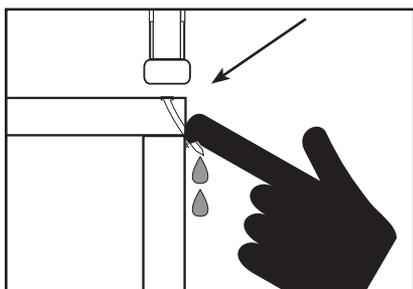


Figure 5. Example of nail deflection.

5. Pull the trigger. If the nail drove into the wood far enough, continue with your intended operations. If the nail either went too far or not far enough, then go to the *Adjusting Depth* section on this page.

Adjusting Depth

The nose of the gun houses a depth adjustment mechanism for setting the nail depth.

To adjust the depth:

1. **DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. If the nail is driven too far into the workpiece, loosen the cap screw on the safety nose with a 4mm wrench, as shown in **Figure 6**.

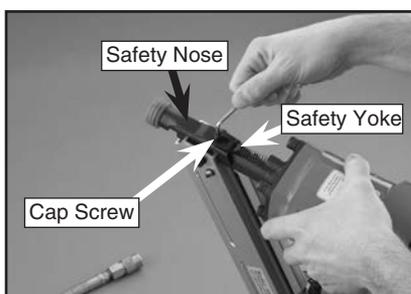


Figure 6. Loosening cap screw for depth adjustment.

3. Slide the safety nose (**Figure 6**) toward the nailer body to drive nails deeper, and away from the body to drive nails less deep.
4. Tighten the safety nose cap screw each time after making adjustments.
5. Connect to the air.
6. Pull the trigger and depress the safety yoke mechanism on your workpiece to test the depth adjustment.

Clearing Jammed Nails

A jammed nail must be cleared before using the nailer again. The two places where a nail can get jammed are the magazine and the discharge area.

To clear a jammed nail from the magazine:

1. **DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. Pull back and lock the magazine pusher.
3. Remove the nail stick.
4. Locate and remove the jammed nail with needle nose pliers. Release the catch lever and let the pusher slide to front of the magazine.

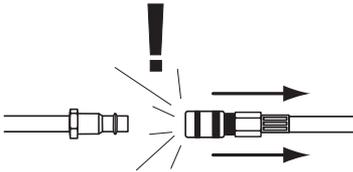
To clear a jammed nail from the discharge area:

1. **DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. Pull back and lock the magazine pusher in place.
3. Remove all nails from the magazine.
4. Locate the nail in the nailer nose, dislodge the nail with a tool that will fit in the slot on the underside of the nose.
5. Throw the damaged nail away and insert a new nail stick that only contains clean, undamaged nails. **DO NOT** use dirty or damaged nails!
6. Release the catch lever and let the pusher slide to the front of the magazine.

Replacing Pistons/O-Rings

If you use your nailer day in and day out, repair pistons are cheap insurance against wasted down time and lost profits, in the event that a piston or piston shaft becomes worn out.

WARNING



Always disconnect air from nailer whenever servicing! During maintenance, a nailer connected to air may fire accidentally, causing serious personal injury!

To replace a piston:

- 1. DISCONNECT NAILER FROM THE AIR SUPPLY!**
2. Remove all nails from the magazine cartridge.
3. Remove the four cap screws on the top of the nailer, near the exhaust port.
4. Remove the top cap.
5. The top of the piston should now be visible inside the cylinder, which is housed in the head of the nailer.
6. Open the magazine.
7. Watch the discharge area and push the top of the piston with your finger. You will see the piston shaft slide down the discharge area.
8. With a long flathead screwdriver or similarly shaped tool, push the piston shaft back inside the nailer until you can grip the piston head and remove it from the cylinder. (Be careful not to scratch the discharge area when pushing the piston shaft with the screwdriver.)
9. Place a new O-ring on the new piston and apply a thin film of the nailer lubricating oil on the O-ring.
10. Insert the new piston in the cylinder. Make sure that the grooves on the piston shaft line up with those on the guide at the bottom of the cylinder. The new piston should easily slide into the cylinder. **DO NOT force the piston into the cylinder!** If the piston is not easily inserted, double-check the alignment of the piston shaft with the grooves on the guide.
11. After the piston is inserted correctly, close the magazine. Replace the top cap assembly and tighten the 4 cap screws.
12. For more assistance, or to install a complete O-ring set, refer to the appropriate breakdown diagram in the back of this manual.

CLEANING & LUBRICATION

Cleaning

Use a good solvent to clean the nose assembly of the nailer. Always be sure that the nailer is dry before using it again.

Do not allow dust, chips, sand, etc. into the air connectors or into the body of the nailer; this may result in leaks and damage to the nailer and the air couplings.



Never use gasoline or other flammable liquids to clean this tool. Vapors in the tool may ignite, causing the tool to explode. Ignoring this warning may lead to serious personal injury or even death!

Lubricating

Special oil has been included with your new Grizzly nailer to help maintain its useful life. Place two to six drops of oil in the nailer air inlet (as shown in **Figure 7**) before every use, or after 2 hours of continuous use.

Wipe off any excess oil near the nailer exhaust to avoid dust build-up. When the oil that was included with the nailer has been completely used, replace with Grizzly Model T28039 Air Line Oil.

Another option to manual oiling would be to install a lubricator in your air compressor line. If your air compressor line already has a lubricator, then regular lubrication of your nailer will not be necessary. Just make sure there is always oil in the lubricator.

As mentioned before, the best option is to install a filter/lubricator/regulator unit in your air line.

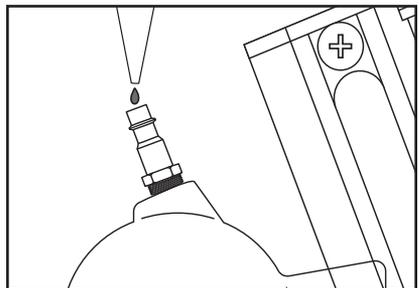


Figure 7. Lubricating nailer via air inlet.

H6146 PARTS LIST

PART #	DESCRIPTION	REF PART #	DESCRIPTION		
1	PH6146001	SPCL CAP SCR M8-1.25 X 30	47	PSB03M	CAP SCREW M5-.8 X 8
2	PH6146002	AIR DEFLECTOR	48	PW02M	FLAT WASHER 5MM
3	PH6146003	RUBBER WASHER	49	PH6146049	ADJUSTING NUT
4	PH6146004	SPRING	50	PH6146050	SAFETY YOKE
5	PH6146005	SPRING WIRE	51	PH6146051	SAFETY NOSE
6	PSB06M	CAP SCREW M6-1 X 25	52	PH6146052	COPPER COLLAR
7	PLW03M	LOCK WASHER 6MM	53	PH6146053	SAFETY NOSE CASE
8	PH6146008	CYLINDER CORE	54	PH6146054	O-RING 61.5 X 1.8
9	PSS07M	SET SCREW M5-.8 X 5	55	PH6146055	DRIVER GUIDE
10	PH6146010	CYLINDER COVER	56	PLW04M	LOCK WASHER 8MM
11	PH6146011	HEAD VALVE PISTON	57	PSB13M	CAP SCREW M8-1.25 X 30
12	PH6146012	SPRING SEAT	58	PSB14M	PHLP HD SCR M6-1 X 12
13	PH6146013	COMPRESSION SPRING	59	PH6146059	MAGAZINE
14	PH6146014	O-RING 56.7 X 3	60	PW03M	FLAT WASHER 6MM
15	PH6146015	COLLAR	61	PLN03M	LOCK NUT M6-1
16	PH6146016	O-RING 42.3 X 5	62	PH6146062	DRIVE NAIL BAR
17	PH6146017	PISTON	63	PSB18M	CAP SCREW M4-.7 X 8
18	PH6146018	O-RING 57.5 X 3	64	PLN01M	LOCK NUT M4-.7
19	PH6146019	O-RING 88 X 3	65	PSB46M	CAP SCREW M4-.7 X 40
20	PH6146020	FIXED RING	66	PH6146066	SAFETY PIPE
21	PH6146021	SEALING RING	67	PH6146067	SAFETY PIPE CASE
22	PH6146022	CYLINDER	68	PH6146068	PIN CASE
23	PH6146023	BUMPER	69	PRP23M	ROLL PIN 4 X 44
24	PH6146024	GASKET	70	PH6146070	PUSHER
25	PH6146025	BODY	71	PH6146071	PIN 3 X 20
26	PH6146026	RUBBER WASHER	72	PH6146072	PIN 5 X 20
27	PH6146027	TRIGGER VALVE SEAT	73	PSB93M	CAP SCREW M3-.5 X 14
28	PH6146028	O-RING 15 X 2.65	74	PN07M	HEX NUT M3-.5
29	PH6146029	O-RING 17 X 1.5	75	PH6146075	PIN 4 X 30
30	PH6146030	TRIGGER VALVE GUIDE	76	PH6146076	TORSION SPRING
31	PH6146031	O-RING 6.2 X 1.8	77	PH6146077	SPRING CORE
32	PH6146032	O-RING 6.4 X 2	78	PH6146078	PIN 5 X 12
33	PH6146033	O-RING 9 X 1.8	79	PH6146079	RELEASE LATCH
34	PH6146034	SWITCH SPRING	80	PH6146080	TORSION SPRING
35	PH6146035	SWITCH PIPE	81	PSB38M	CAP SCREW M5-.8 X 25
36	PH6146036	O-RING 2.5 X 1.5	82	PW02M	FLAT WASHER 5MM
37	PH6146037	O-RING 20.3 X 2.3	83	PH6146083	FIXED SEAT
38	PH6146038	SWITCH SEAT	84	PLN02M	LOCK NUT M5-.8
39	PH6146039	TRIGGER PIN	85	PH6146085	RUBBER HANDLE CASE
40	PH6146040	TRIGGER	86	PH6146086	GASKET
42	PH6146042	SAFETY SPACER	87	PH6146087	END CAP
43	PRP02M	ROLL PIN 3 X 16	88	PLW01M	LOCK WASHER 5MM
44	PH6146044	SAFETY GUIDE	89	PSB15M	CAP SCREW M5-.8 X 20
45	PH6146045	PIN 3 X 25	90	PH6146090	1/4" NPT MALE CONNECT
46	PH6146046	COMPRESSION SPRING	91	PH6146091	AIR PLUG COVER
			92	PW02M	FLAT WASHER 5MM

TROUBLESHOOTING

PROBLEM	CAUSE	ACTION
Air leaking at trigger valve area.	1. O-rings in trigger valve housing are damaged.	1. O-rings must be replaced & operation of safety yoke must be checked.
Air leaking between housing and hose.	1. Loose screws in housing. 2. Damaged O-ring. 3. Loose air fitting.	1. Tighten screws. 2. Replace O-ring. 3. Tighten air fitting & use teflon tape.
Air leaking between housing and cap assembly.	1. Damaged seal.	1. Replace damaged seals.
Tool skips nails while discharging.	1. Air leaks. 2. Dirt in nose. 3. Dirt or damage prevents nails from moving freely in magazine. 4. Inadequate air flow to tool. 5. Worn O-ring on piston or lack of lubrication. 6. Damaged O-rings on trigger valve. 7. Worn bumper. 8. Cap seal leaking.	1. Tighten screws and fittings. 2. Clean nose. 3. Clean magazine and inspect/repair damage. 4. Check fitting, hose, compressor & air pressure. 5. Replace piston O-ring. Lubricate. 6. Replace trigger valve O-rings. 7. Replace bumper. 8. Replace cap seal.
Tool runs slowly or has a loss of power.	1. Nailer is not sufficiently lubricated. 2. Broken spring in cap assembly. 3. Exhaust port in cap is blocked.	1. Lubricate nailer. 2. Replace spring. 3. Clean or replace damaged internal parts.
Fasteners frequently jam the nailer.	1. Nails are the wrong size. 2. Nails are bent or dirty. 3. Magazine or nose screws are loose. 4. Driver or driver guide are worn or damaged. 5. Nails are wrong angle.	1. Use correct nails. 2. Use undamaged, clean nails. 3. Tighten magazine. 4. Replace worn or damaged parts. 5. Use correct angle nails.
Nailer does not fire.	1. Nail is jammed in magazine or discharge area. 2. Piston shaft is damaged. 3. Air pressure too low.	1. Clear nailer magazine or discharge area. 2. Replace piston shaft. 3. Check/increase air pressure.

WARRANTY AND RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

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