

Please carefully read and save these instructions before attempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

## Important Operating Instructions



# 18 GAUGE 1-1/4 INCH BRAD NAILER

Model: 7552

### CALIFORNIA PROPOSITION 65

**WARNING:** You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.

**WARNING:** This product or its power cord may contain chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

### Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We accept no liability for damage or

accidents which arise due to non-observance of these instructions and the safety information herein.

### SPECIFICATIONS

**Operation Pressure:**

60-100 PSI

**Magazine Capacity:** 100 Piece

**Fastener Length:** 3/8 - 1-1/4 in.

**Nail Size:** 18 Gauge

**Air Inlet:** 1/4" NPT

**Air Consumption:** 1.6 CFM

### CAUTION:

**FOR YOUR OWN SAFETY,  
READ INSTRUCTION MANUAL  
COMPLETELY AND  
CAREFULLY BEFORE  
OPERATING THIS BRAD  
NAILER.**

**Any failures made in following  
the safety regulations and  
instructions may result in an  
electric shock, fire, and/or  
serious injury.**

### SAFETY INSTRUCTIONS

- 1) Read and understand tool labels and the manual. Failure to follow warnings, dangers, and precautions could result in death or serious injury.
- 2) Keep work area clean. Cluttered areas invite injuries.
- 3) Don't allow children at the work area. Do not let them handle the tool.
- 4) Do not operate the tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to operate.
- 5) Use safety glasses. Safety glasses should conform to ANSI Z87.1 specifications. Before operating, wear safety glasses against flying debris from the front and side. Safety glasses should be worn when loading, operating, unloading, or servicing this tool.
- 6) Use ear protection. The working area may be exposed to high noise levels that can lead to hearing damaged.

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safekeeping.

7) Never use oxygen combustible gases, bottled gases or high pressure compressed gas as a power source for this tool. The tool may explode and cause serious injury.

8) Dress safely. Protective gloves and nonskid footwear or safety shoes are recommended when working with and operating this tool. Don't wear loose clothing or jewelry. They can get caught in moving parts. Also, wear a protective hair covering to prevent long hair from getting caught in the tool.

9) Do not fire to hard materials. Do not attempt to shoot toward hard or brittle material such as concrete, steel, or tile.

10) When operating tool, keep the proper footing and balance to avoid damage resulting from losing balance.

11) Check damaged parts before using the tool.

12) Replace parts and accessories. Only allow approved replacement parts.

13) Keep alert. Watch what you are doing. Use common sense. Do not operate any tool when you are tired.

14) Store the tool. When not in use, tool should be cleaned, fully assembled and then, stored in a dry location to reduce rust. For safety, keep out of reach of children.

15) Outdoor extension cord. When air compressor is used outdoors, use only rounded jackets extension cords intended for outdoor use.

16) Pay attention to the air hose and their connections. Don't trip over hoses. Make sure all connections are tight.

17) After loading the fasteners, never point the tool at yourself or any bystanders.

18) Use the correct air connector. The connector on the tool must not hold pressure when the air supply is disconnected. If the wrong fitting is used, the tool can be charged with air after being disconnected and still be able to drive a fastener.

19) When connecting the air, the tool can possibly fire the fasteners. Therefore, remove all the fasteners before connecting to the air.

20) Do not depress the safe bracket and the trigger when loading.

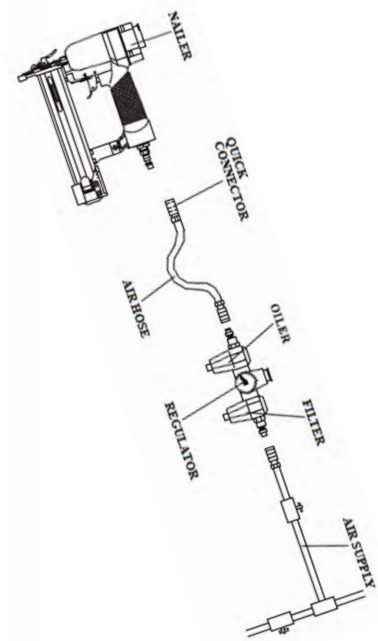
21) If the fasteners are jammed, disconnect the tool from the air and remove the jammed fasteners.

22) This tool is equipped with the safe bracket that can adjust the depth of the driver. When adjusting the depth of the driver, first disconnect the tool from the air and rotate nut by thumb to satisfactory position.

**WARNING** The warnings, cautions, and instructions explained in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

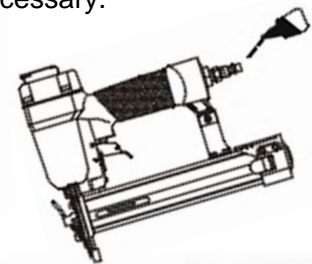
## SETTING

Your air tool is fully assembled when you receive it. Before using it, attach the air line and desired air system accessories. See figure below for the recommended accessories and connection order. Be sure the air hose is depressurized when installing or removing adapters to the air line.



## CONNECTING THE TOOL TO AN AIR SUPPLY

1) Determine if the tool needs oil and, if necessary, place two drops of oil in the air plug. If you are using an automatic in-line oiler, check and add oil if necessary.

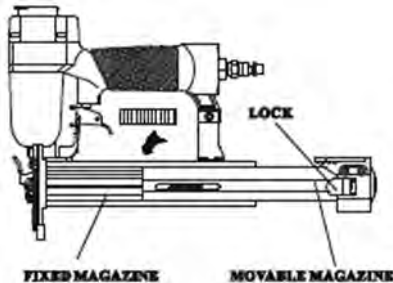


2) Turn the compressor on and set the regulator to the proper pressure for the size and type of fasteners being used.

3) Connect the tool to the air supply.

### LOADING THE FASTENERS

1) Depress the lock to release the movable magazine and pull the magazine out fully as shown below.



2) Place a full clip of the specified type and size fasteners on the fixed magazine, up to 100 fasteners may be loaded in the magazine.

3) Push the movable magazine assembly forward until it was locked.

### OPERATING THE TOOL

Test the driving depth in a sample piece of wood before using. If the fasteners are being driven too far or not far enough, adjust the regulator to provide less air pressure or more air pressure.

1) Connect the tool to the air supply. Make sure the air pressure is in correct range.

2) Load the fastener as above the direction given in the **LOAD THE FASTENERS** section.

3) Hold the body and press the drive guide to the work surface. Be sure the tool is straight and then gently depress the trigger to drive the fastener.

4) Lift the tool off the work surface.

5) The tool has two driving modes.

- Put the nose on the work surface, lightly push the tool towards the working surface until the safe bracket is depressed. Depress the trigger to drive the fastener.

- Depress the trigger, then repeatedly impact the safe bracket. The tool can repeatedly drive the fasteners. The tool will drive one fastener when the safe bracket is impacted one time.

### REGULAR MAINTENANCE

1) Frequent, but not excessive, lubrication is required for best performance. Oil added through the airline connection will lubricate internal parts. An automatic airline oiler is recommended but oil may be added manually before every operation or after about 1 hour of continuous use. Only a few drops of oil at a time are necessary. Too much oil will collect inside the tool and be blown out during the exhaust cycle. **ONLY USE PNEUMATIC TOOL OIL.** Do not use detergent oil or additives as these lubricants will cause accelerated wear to the seal in the tool.

2) Use a small amount of oil on all moving parts and pivots.

3) Dirt and water in the air supply are major causes of pneumatic tool wear. Use a filter/oiler for better performance and longer life. The filter must have adequate flow capacity for the specific application. Consult the manufacturer's instructions for proper maintenance of your filter.

4) Keep tools clean for better and safer performance. Use nonflammable cleaning solutions (**CAUTION:** Such solutions may damage O-Ring and other tool parts) only if necessary. **DO NOT SOAK.**

## Troubleshooting Guide

Symptom	Possible Cause(s)	Corrective Action
Air leaking at Trigger	O-Ring in trigger valve are damaged.	Check and replace O-Ring
	Trigger Valve head are damaged.	Check and replace trigger valve head.
	Trigger Valve stem, seal, or O-Ring are damaged.	Check and replace trigger valve stem, seal, or O-Ring
Air leaking between body and drive guide	Damaged piston O-Ring or bumper	Check and replace O-Ring or bumper
Air leaking between body and cylinder cap	Screw Loose	Tighten screws
	Damaged Seal	Check and replace seal
Blade driving fastener too deeply	Worn bumper	Replace bumper
	Air pressure is too high	Adjust air pressure
Runs slowly or has power loss	Insufficient oil	Lubricate as instructed
	insufficient air supply	Check air supply
	Broken spring in cylinder cap	Replace spring
	Exhaust port in cylinder cap is blocked	Replace damaged internal parts
Tool skips a fastener	Worn bumper or damaged spring (57)	Replace bumper or pusher spring
	Dirt in front plate	clean drive channel of front plate
	Inadequate airflow to tool	check hose and compressor fittings
	Worn or dry O-Ring on piston	Replace O-Ring or lubricate
	Damaged O-Ring on trigger valve	Replace O-Ring
	Cylinder cap seal leaking	Replace Seal
Fasteners are jammed	Joint guider is worn.	Replace joint guider
	Fasteners are wrong size or damaged	Use the recommended and undamaged fasteners
	Magazine or front plate screws are loose	Tighten screws
	Blade in piston assembly is damaged	Replace piston assembly
Tool will not drive down tight	Worn blade in piston assembly	Replace piston assembly
	Lack of power	Adjust to adequate air pressure
	Slow cycling and loss of power	Check cylinder cap spring for broken coils or reduced length. Check if exhaust port of cylinder cap is restricted

---

## **Limited Manufacturer Warranty**

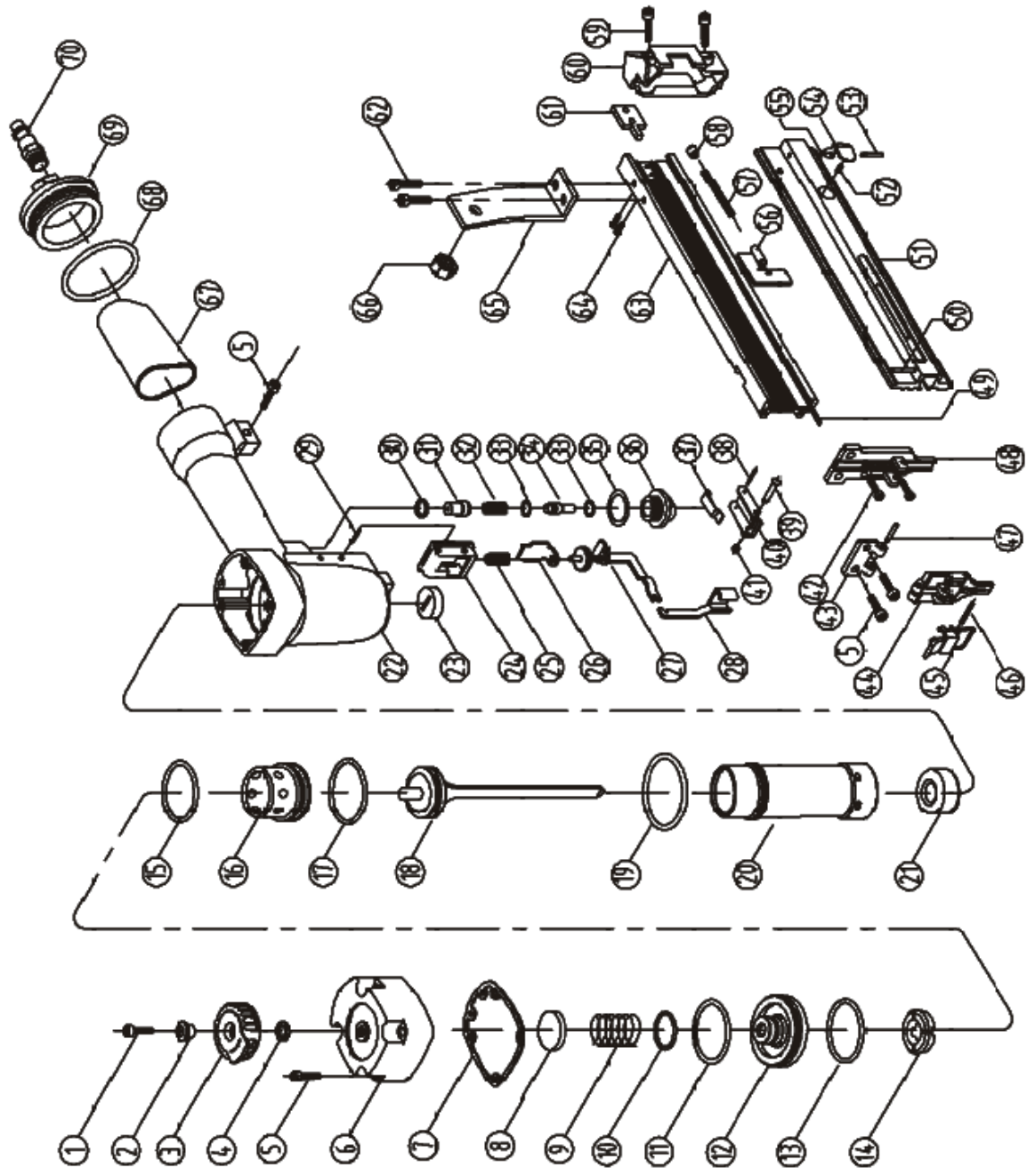
*North American Tool Industries (NATI) makes every effort to ensure that this product meets high quality and durability standards. NAT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, or accidents, repairs or alterations, or a lack of maintenance. NATI shall in no event be liable for death, injuries to persons or property, or for incidental, special, or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, NATI will either repair or replace the product at its discretion.*





# 18 GAUGE 1-1/4 INCH BRAD NAILER

## Parts List Model: 7552



**Call 1-800-348-5004 for assistance or replacement parts**

Please provide the following information:

- Model number
- Part description and number as shown in parts list
- Serial number (if any)

Address any correspondence to:

North American Tool Industries  
 84 Commercial Rd  
 Huntington, IN 46750

NO	Description
01	Screw
02	Bushing
03	Exhaust Cover
04	Seal
05	Screw
06	Cylinder Cap
07	Gasket
08	Seal
09	Spring
10	O Ring 15.75x2
11	O Ring 38.8x3
12	Valve
13	O Ring 33.5x3.5
14	Stopped Washer
15	O Ring 50.5x2.5
16	Collar
17	O Ring 28.3x3
18	Piston Assembly
19	O Ring 36.3x2.5
20	Cylinder
21	Bumper
22	Body
23	Joint Guide
24	Safe Guider

NO	Description
25	Spring
26	Safe Bracket A
27	Safe Bracket B
28	Safe Bracket C
29	Spring Pin
30	Seal
31	Trigger Valve Head
32	Spring
33	O Ring 5.5x1.5
34	Trigger Valve Stem
35	O Ring 15x1.9
36	Trigger Valve Guide
37	Trigger Spring
38	Spring Pin
39	Pin
40	Trigger
41	Washer
42	Screw
43	Plate
44	Front Plate
45	Latch Assembly
46	Spring Pin
47	Spring Pin

NO	Description
48	Drive Guide
49	Rail
50	Spring Pin
51	Movable Magazine
52	Spring
53	Pin
54	Lock
55	Locking Washer
56	Feeder Shoe
57	Spring
58	Spring Seat
59	Screw
60	Stopped Plate
61	Stopped Piece
62	Screw
63	Fixed Magazine
64	Screw
65	Support
66	Nut
67	Soft Grip Sleeve
68	Ring 40.2x2.3
69	End Cap
70	Air Plug