



18 GAUGE BRAD NAIL GUN

OWNER'S MANUAL

CALIFORNIA AIR TOOLS

NGTQ18G

NAIL - 18 GAUGE

OPERATING PSI - 60-100 PSI

AIR REQUIREMENT - 2.00 @ 90 PSI



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Thank you for purchasing a California Air Tools Product.

Please contact us if you have any questions.

Record this information for your records

Model No. _____

Date of Purchase: _____

Store/Dealer: _____

How to find a local service center

Even quality built equipment might need service or repair parts.
Contact the California Air Tools Customer Service Department:

Phone: 1-866-409-4581

Online: WWW.CALIFORNIAAIRTOOLS.COM

Please provide the information below:

Model number

Part number or numbers shown in the parts list section of the owner's manual.

A brief description of the trouble.

⚠ WARNING

This manual contains important instructions for operating this product. For your safety, and the safety of others, be sure to read this manual thoroughly before operating the product.

Failure to properly follow all the instructions and precautions can cause you and others to be seriously hurt or killed.

IMPORTANT SAFETY INSTRUCTIONS

Safety Messages & Signal Words:

⚠ DANGER

Indicates an immediate hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

NOTICE

Indicates a situation which, if not avoided, may result in damage to product components or other property.

⚠ WARNING



FLYING OBJECTS

Flying objects can cause injury to the eyes, head and other parts of the body.

Air-powered equipment and power tools are capable of propelling items (metal chips, fasteners and particulates) at high speed into the air and could result in injury.

Always wear approved head and eye protection.

Never point the nail gun at any part of your body, or at another person or animal.

When operating an air compressor make sure all other people and animals maintain a safe distance.

Do not exceed the maximum air pressure of 115 PSI for the nail gun.

Never repair the nail gun when pressurized.

Regulate the PSI (air pressure) at the air compressor.

Never load nails into the nail gun when pressurized.

⚠ CAUTION

Do not use the nail gun for a purpose which it is not designed.

Keep air tools safe from children

Never use air tools when distracted or tired.

Never leave air tools unattended.

Never use air tools if defective.

Never use nail gun without nails.

Never repair air tools when pressurized.

Never load nails into the nail gun when pressurized.

Only use nails specified by in manual.

Never point nail gun directly at yourself or at any other person.

⚠ WARNING



HOT SURFACE



FIRE

Air compressor surfaces become hot during operation.

DO NOT touch hot surfaces, because they can cause severe burns.

Do not touch the air compressor's cylinder head. During operation, the cooling fins of the cylinder head and delivery pipe become hot.

Allow the air compressor to cool before touching it.

DO NOT place a storage cover on the unit during operation. Only place a cover on the air compressor after it has thoroughly cooled down.

⚠ WARNING



EXPLOSION

Exercise caution when using pressurized air.

To prevent injury and for your general safety, only use high-pressure hoses, fittings and couplings designed for use with air compressors.

Inspect all hoses, fittings and couplings for leaks and wear. When leaks and wear are detected, stop use and replace those items immediately. Do not repair.

Never leave pressurized air in the air tank when performing maintenance.

Never leave the air compressor unattended with the power supply in use and the air hose connected.

⚠ WARNING



EXPLOSION

Improper care could lead to the air tank bursting or exploding.

Drain air tank daily or after each use to prevent moisture buildup in the air tank.

Rust can weaken the air tank and cause leaks or bursting. If rust is detected, replace tank immediately. Do not try to repair the air tank by welding, drilling or modifying it in any other way. These modifications can weaken the air tank and cause a hazardous condition.

If air tank develops a leak, replace the air tank immediately. Never repair, weld or make modifications to the air tank or its attachments.

Never make adjustments to the factory-set pressures.

Never exceed manufacturer's maximum-allowable pressure rating attachments.

Because of extreme heat, do not use plastic pipe or lead tin solder joints for a discharge line.

⚠ WARNING



EXPLOSION



FIRE

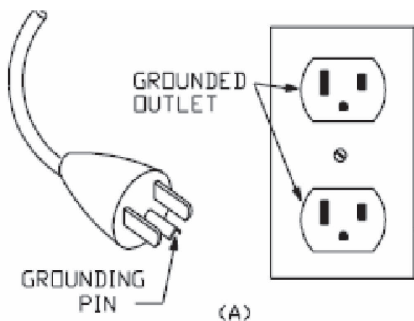
Use caution to minimize risk of fire or explosion.

It is normal for the air compressor motor and pressure switch to produce sparks while operating. If sparks come in contact with vapors from gasoline or solvents, they may ignite and cause a fire or explosion.

Abrasive tools such as grinders, drills and other tools are capable of making sparks that can ignite flammable materials.

Always operate the air compressor a safe distance away from flammable items. Use in well-ventilated areas.

Never exceed the maximum rated pressure.



Check with a qualified electrician or serviceman when the grounding instructions are not completely understood, or when in doubt as to whether the product is properly grounded.

Do not modify the plug provided. If it does not fit the outlet, have the proper outlet installed by a qualified electrician.

⚠ CAUTION

Use caution when using extension cords.

Use an extension cord which is no more than 25' (7.6 m) long and at least 14 gauge.

Using an excessively long or thin-wired extension cord will cause severe damage to the motor.

Use only a 3-wire extension cord that has a 3-blade grounding plug.

As undersized cord results in a drop in the line voltage and loss of power and overheating.

When in doubt, use a heavier gauge. The smaller the gauge the more current the cord can carry.

Inspect for Damage

Before using the tool, make sure to inspect all parts for damage.
Do not use the nail gun if any damage is found.
Contact California Air Tools Customer Service
866-409-4581 or customerservice@californiaairtools.com

Save Packaging

IMPORTANT:
Save all outside packaging in case you ever need to return the product for service or repair.

Introduction

When using the nail gun, a few safety precautions must be observed to avoid injuries and damage.

Please read the complete operating manual with 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, hand over these operating instructions as well.

We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

This equipment is designed for driving finishing nails into wood and similar materials. Never use any other nails

Never use on hard surfaces such as stone, metal, etc.

The equipment may only be used for the tasks it is designed to handle.


Any other use is deemed to be a case of misuse.


The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications.

Our warranty will be voided if the equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

Maximum Operating PSI (pressure) - 115 PSI
Recommended pressure range - 60 to 90 PSI
Air Consumption (approx) - 2.0 CFM@90PSI
Nail length - 10 - 50 mm
Nail Type: - 18 Gauge
Air Connection - 1/4" Industrial Male

 **WARNING**



FLYING OBJECTS

Flying objects can cause injury to the eyes, head and other parts of the body.

Air-powered equipment and power tools are capable of propelling items (metal chips, fasteners and particulates) at high speed into the air and could result in injury.

Always wear approved head and eye protection.

Never point the nail gun at any part of your body, or at another person or animal.


When operating an air compressor, make sure all other people and animals maintain a safe distance.

Do not exceed the maximum air pressure of 115 PSI for the nail gun.

Never repair the nail gun when pressurized.

Regulate the PSI (air pressure) at the air compressor.

Never load nails into the nail gun when pressurized.

 **CAUTION**

Do not use the nail gun for a purpose which it is not designed.

Keep air tools safe from children

Never use air tools when distracted or tired.

Never leave air tools unattended.

Never use air tools if defective.

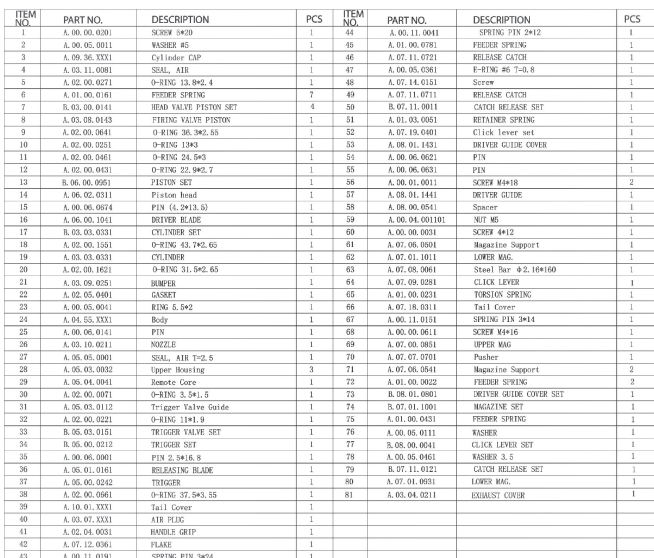
Never use nail gun without nails.

Never repair air tools when pressurized.

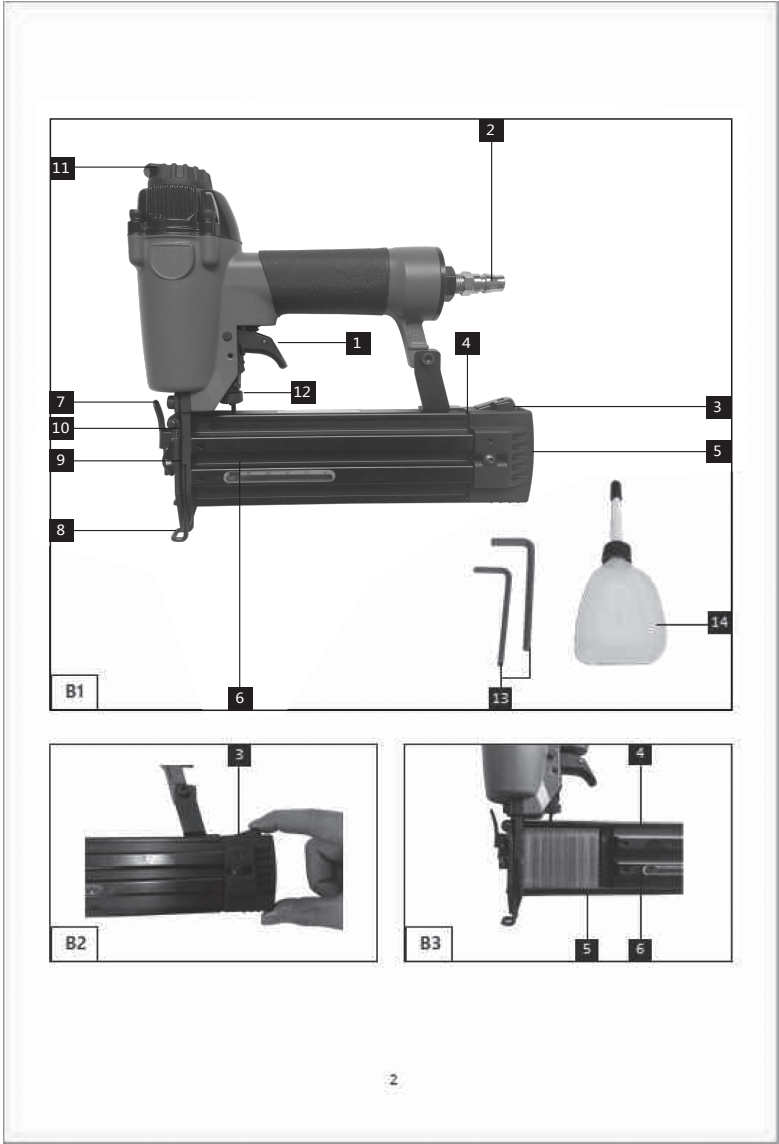
Never load nails into the nail gun when pressurized.

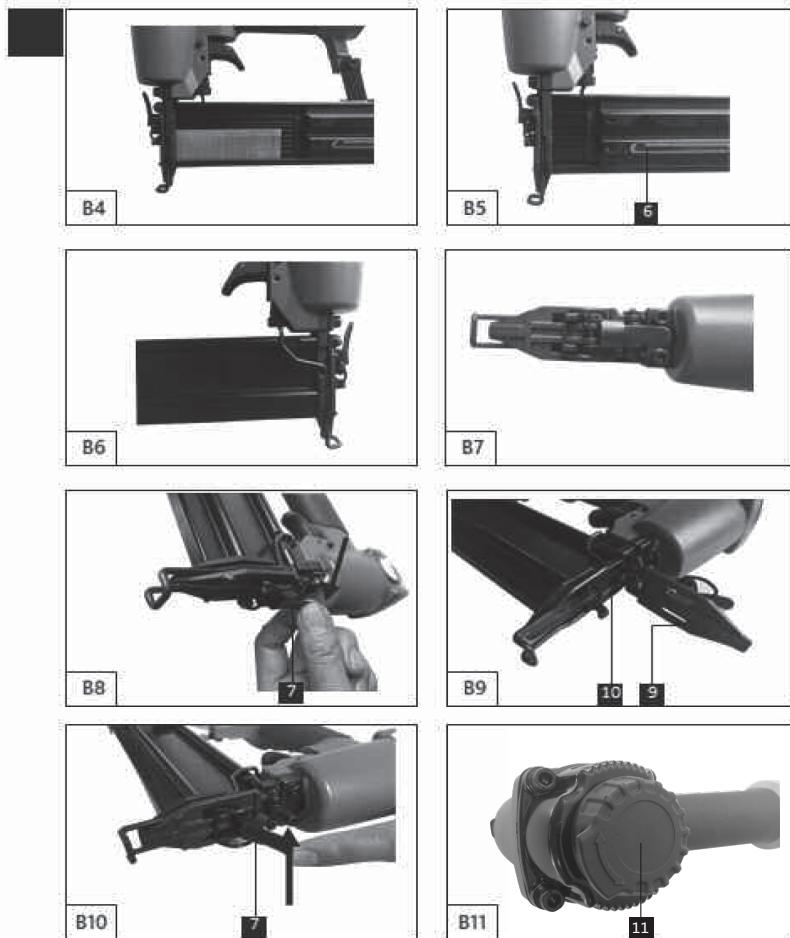
Only use nails specified by in manual.

Never point nail gun directly at yourself or at any other person.



PRE-OPERATION





OPERATION

Save this manual for future reference.

Diagrams: B1, B2 and B3

- 1. Trigger lever
- 2. Compressed air connection
- 3. Magazine lever
- 4. Magazine cover
- 5. Magazine
- 6. Level indicator
- 7. Lever of the cover plate
- 8. Trigger catch
- 9. Cover plate (external)
- 10. Cover plate (Internal)
- 11. Swivel air-outlet
- 12. Depth setting

- (Tools)
- 13. Allen Wrench
 - 14. Oil

Daily Operation

Each time before starting work, check that the trigger catch functions perfectly and that all screws and nuts are securely fastened.

Never tamper with the nailer.

Never dismantle or block any parts of the nailer such as, e.g. a trigger catch.

Never carry out any "emergency repairs" with unsuitable means.

Proper nailer maintenance is required at regular intervals in accordance with the information supplied by the manufacturer.

Take precautions to prevent anything which would weaken or damage the equipment, e.g. from

- a) striking or engraving,
- b) modifications which are prohibited by the manufacturer,
- c) guiding on templates made of hard material, e.g. steel,
- d) Pushing across the floor, using as a hammer.

Check the trigger catch (B1/Item 8) each time before use.

The trigger catch must move freely without catching.

The spring on the trigger catch must return the trigger catch to the released initial position.

Never use the equipment if the trigger catch is not working.


- 1. Disconnect the equipment from the air supply.
- 2. Remove the nails from the magazine (B1/Item 5).
- 3. Check that the trigger and the trigger catch can move up and down freely.
- 4. Connect the equipment to the air supply line.
- 5. Press the trigger catch against the workpiece without pressing the trigger. The equipment should not operate.

Never use the equipment if it operates without the trigger being pressed. Risk of injury.

6. Remove the equipment from the workpiece. The trigger catch must return to the released initial position. Press the trigger. The equipment should not operate. Never use the equipment if it operates. Risk of injury.

7. Press the trigger and press the trigger catch against the workpiece. The equipment operates

8. Press the trigger catch against the workpiece and press the trigger; the equipment operates.



⚠ DANGER

RISK OF CUTTING

Moving parts can cause severe trauma.

Keep hands and feet away from rotating parts, tie up long hair, remove jewelry, and DO NOT wear loose clothing.

Loading Nails

When you fill the magazine (B1/Item 5), make sure that you hold the equipment in such a way that the muzzle is pointed away from you or anyone else.

To fill the magazine, press the magazine lever (B1/ Item 3) and slide back the magazine cover (B1 / Item 4) as far as it will go.

Insert the nails as shown in (B3) and (B4)

Do not insert more than one complete stick of nails, otherwise the magazine will be overfilled and you will not be able to close it again. Slide the magazine cover forward again until it snaps into place.

The level indicator (B5 / Item 6) shows the number of loaded nails.

Starting

Connect the pneumatic nailer to the compressed air connection (B1 / Item 2).

Set the swivel air outlet (B1 / Item 11) to the desired position.

Before starting the nailer, switch on the air compressor and set the operating pressure on the pressure regulator to 60 PSI (Fig. 11).

For the purpose of setting the operating pressure it is advisable to use a test workpiece which is similar in structure and material thickness to the workpieces to be joined.

To nail, place the gun nail against the workpiece and pull the trigger lever (B1 / Item 1) once and release it again after each shot.

If the nail goes in too deep, reduce the operating pressure on the pressure regulator by 10 PSI.

If the nail does not go in deep enough or projects, increase the operating pressure on the pressure regulator by 10 PSI.

Repeat if needed.

The equipment also has an automatic mode. If you keep the trigger lever pressed, the nails will be shot automatically when the nail gun is placed against the work-piece.

Important:

If a nail becomes jammed in the feed shaft, always immediately depressurize the equipment first (remove the compressed air supply hose), open the cover plates (B9 / Item 9/10) by pulling the Lever of the cover plate (B8-9 / Pos. 7).

Remove the jammed nails, clean the shaft if necessary, and close again in reverse order.

Adjusting Depth

The nail gun has a depth setting adjuster (B1 / Item 12) in the form of a knurled screw.

If you screw it downwards, the nails will be shot in deeper.

If you want to reduce the depth that the nails are shot in, you have to screw the knurled screw upwards

Important: To prevent triggering unintentionally, the depth setting must never be pulled back by hand in normal operation

⚠ WARNING



FLYING OBJECTS

Flying objects can cause injury to the eyes, head and other parts of the body.

Air-powered equipment and power tools are capable of propelling items (metal chips, fasteners and particulates) at high speed into the air and could result in injury.

Always wear approved head and eye protection.

Never point the nail gun at any part of your body, or at another person or animal.

When operating an air compressor, make sure all other people and animals maintain a safe distance.

Do not exceed the maximum air pressure of 115 PSI for the nail gun.

Never repair the nail gun when pressurized.

Regulate the PSI (air pressure) at the air compressor.

Never load nails into the nail gun when pressurized.

Electrical Power Requirements for Air Compressor

⚠ DANGER



SHOCK

There is a danger of electric shock.

Use only undamaged electrical cords.

DO NOT touch bare wires or receptacles.

DO NOT operate air compressor in wet weather or in wet conditions.

DO NOT touch air compressor or cords if hands or feet are wet.

Ensure that all cords are free of damage before connecting to the power supply.

Ensure that you have a sufficient electrical supply for supporting the requirements of the motor.

Improper installation of the grounding plug is able to result in a risk of electric shock. When repair or replacement of the cord or plug is required, do not connect the grounding wire to either flat terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electric current.

This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with the local codes and ordinances.

This product is for use on a nominal 120-V circuit and has a grounding plug similar to the plug illustrated in sketch A. Only connect the product to an outlet having the same configuration as the plug.

Do not use an adapter with this product.

⚠ CAUTION

Use caution when using extension cords.

Use an extension cord which is no more than 25' (7.6 m) long and at least 14 gauge.

Using an excessively long or thin-wired extension cord will cause severe damage to the motor.

Use only a 3-wire extension cord that has a 3-blade grounding plug.

As undersized cord results in a drop in the line voltage and loss of power and overheating.

When in doubt, use a heavier gauge. The smaller the gauge the more current the cord can carry.

Inspect all electrical extension cords to ensure that they are free of damage.

When using an extension cord, use a heavy-duty cord that is no more than 25 feet long and at least 14 gauge. Use only a 3-wire extension cord that has a 3-blade grounding plug.

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Failure to properly follow all the instructions and precautions can cause you and others to be seriously hurt or killed.

Save this manual for future reference.

Before using the air compressor, refer to the serial label for voltage and amperage requirements. Make sure you have a sufficient electrical supply for supporting the motor's requirements.

Use a dedicated circuit for the best results.

Low voltage and/or an overload circuit can cause the motor's overload protection system circuit breaker to trip.

MAINTENANCE

Important:

Disconnect the equipment from the compressed air system each time before starting to carry out maintenance and cleaning.

Compliance with the maintenance instructions given here will ensure that this quality product has a long service life and offers failure-free operation.

Before starting work each time, check that the magazine is securely fastened (B1/Item 5).

Clean the equipment thoroughly immediately after you have finished the work.

To ensure that your nail gun operates properly, it requires regular lubrication.

Use the supplied oil (B1 / Item 14) for this purpose.

There are two possible means of lubrication:

1. By mist oiler

A complete conditioning unit contains a mist oil and is fitted to the air compressor.

2. By hand

Apply to the compressed air connection each time before the air tool is started up. If the air tool is not used for several days, apply 5-10 drops of oil to the compressed air connection before switching on.

Store your air tool in a dry room only.

Cleaning

Important: Disconnect the equipment from the compressed air system each time before starting to carry out maintenance and cleaning work.

Keep the trigger catch (B1/Item 8) free of dirt and dust as far as possible.

Wipe the equipment with a clean cloth or blow it down with compressed air at low pressure.

We recommend that you clean the equipment immediately after you use it.

Clean the equipment regularly with a damp cloth and some soft soap.

Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the equipment.

Ensure that no water can get into the interior of the equipment.

⚠ WARNING



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Limited Warranty

California Air Tools Inc. will repair or replace, free of charge, to the original retail customer who purchased a California Air Tools, Inc. product from an authorized dealer, distributor or distributor's dealer in North America.

This warranty does not transfer to subsequent owners.

California Air Tools Inc. will repair or replace, at its option, any parts that are proven by an authorized service center to be defective in material or workmanship under normal use during the applicable warranty time period as stated below. This limited warranty covers the cost of the replacement parts and labor for all defects when installed by an authorized service center. Transportation charges are the responsibility of the customer. Any part replaced under warranty becomes the property of California Air Tools Inc.

All parts replaced under warranty will be considered as part of original product, and any warranty on those parts will expire coincident with the original product warranty.

This warranty is limited to products distributed by: California Air Tools, Inc. 8560 Siempre Viva Road San Diego, CA 92154

Limited Warranty Periods

Non-commercial / Non-rental (personal use by a retail customer): - 1 year parts and labor

The limited warranty period begins on the date of retail purchase by the original purchaser.

Disclaimers, Limitations of Remedies & Exclusions

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

Disclaimer of Other Warranties

To the fullest extent permitted by applicable law, this limited warranty is exclusive and expressly in lieu of any and all other warranties, including, without limitation, any implied warranties of merchantability or fitness for a particular purpose or any other implied warranties that may arise from the course of dealing or usage of the trade. California Air Tools Inc. hereby disclaims and excludes all other warranties. To the extent that California Air Tools Inc. products are consumer products under applicable federal and state law with respect to any customer, the duration of any implied warranties (including but not limited to implied warranties of merchantability or fitness for a particular purpose) are limited to the shortest duration permitted by applicable law or the Limited Warranty period provided herein, whichever is longer.

Limitations of Remedies

California Air Tools Inc. shall not be liable to customer, or anyone claiming under customer, for any other obligations or liabilities, including but not limited to, obligations or liabilities arising out of breach of contract or warranty, negligence or other tort or any theory of strict liability, with respect to the air compressor or California Air Tools Inc. acts or omissions or otherwise. To the fullest extent permitted by applicable law, California Air Tools Inc. shall not in any event be liable for incidental, compensatory, punitive, consequential, indirect, special or other damages, including but not limited to loss of use, loss of income, loss of time, loss of sales, injury to personal property, or liability customer incurs with respect to any other person, or any other type or form of consequential damage or economic loss.

Exclusions

In addition to the foregoing disclaimers, limitations and terms, this limited warranty shall not apply to and does not cover accessories, nor does it cover products that are in any way subject to any of the following: The application of these exclusions will be determined at the sole discretion of California Air Tools Inc.

1. Improper setup, installation or storage.
2. Lack of proper maintenance and service.
3. Accident, damage, abuse or misuse.
4. Abnormal operating conditions or applications.
5. Repair or modification by customer or any third party without written consent of California Air Tools Inc.
6. Use under operating conditions or in applications not recommended by California Air Tools Inc.
7. Normal wear.
8. The use of accessories or attachments not recommended by California Air Tools Inc.
9. Acts of God.

Warranty is available by showing your original receipt from the date of purchase to an Authorized California Air Tools Service Center.

For all customer service inquiries call 1-866-409-4581 or visit WWW.CALIFORNIAAIRTOOLS.COM