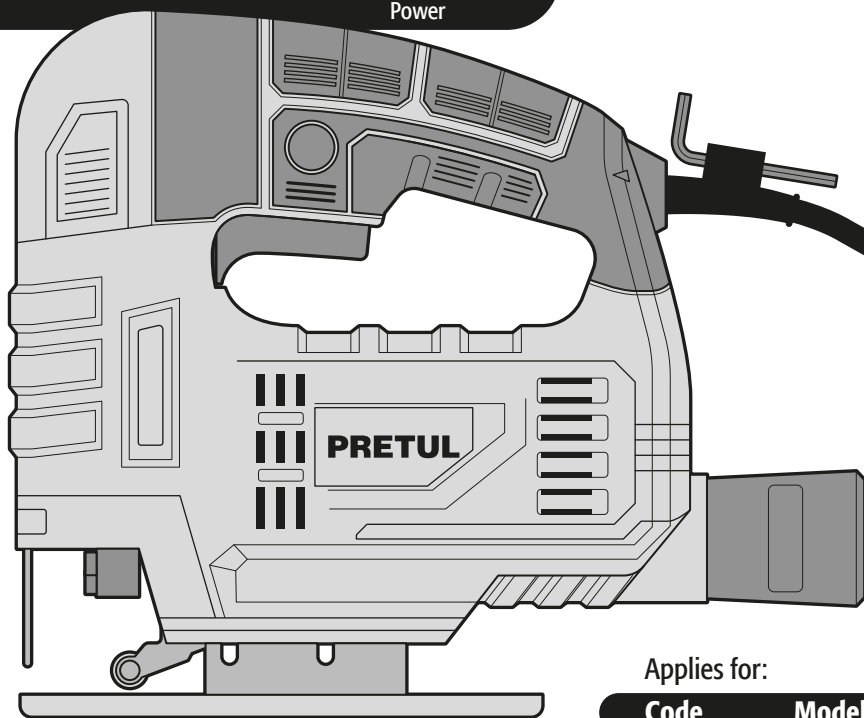


Manual

Jig saw CALA-P4

0.5 Hp
Power



Applies for:

Code

29003

Model

CALA-P4



CAUTION

Read this manual thoroughly
before using the tool.



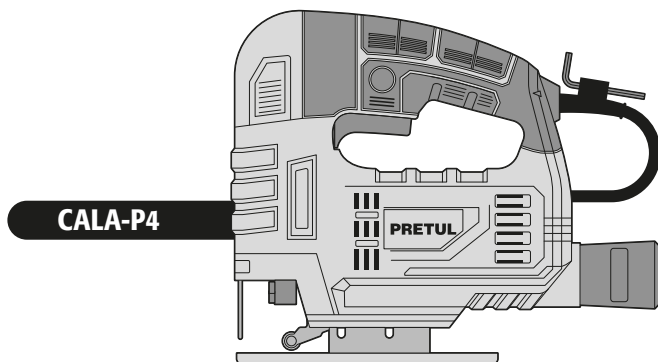
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CAUTION

To gain the best performance of the tool, prolong the duty life, make the Warranty valid if necessary, and to avoid hazards of fatal injuries please read and understand this Manual before using the tool.

Keep this manual for future references.

The illustrations in this manual are for reference only. They might be different from the real tool.



CALA-P4

Code	•	29003
Description	•	Jigsaw
Voltage	•	127 V~
Frequency	•	60 Hz
Current	•	3.1 A
Power	•	0.5 Hp
Speed	•	3 000 strokes / min
Miter Cutting	•	0° - 45° left / right
Cutting Capacity	•	Wood 2 1/8" Steel 15/64" Plastic 9/32"
Work Cycle	•	20 min work x 10 min rest. Maximum: 1 hour 30 minutes daily
Conductors	•	18 AWG x 2C with insulating temperature of 221 °F
Insulation	•	Class II
		IP Grade • IP20

Power Cord Grips: Type Y

Build Quality: Reinforced insulation

Thermal Insulation on Motor Winding: Class E

⚠ WARNING Avoid the risk of electric shock or severe injury. When the power cable gets damaged it should only be replaced by the manufacturer or at a **TRUPER** Authorized Service Center. The build quality of the electric insulation is altered if spills or liquid gets into the tool while in use. Do not expose to rain, liquids and/or dampness.

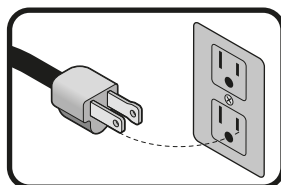
⚠ WARNING Before gaining access to the terminals all power sources should be disconnected.



Power requirements

⚠ WARNING Tools with double insulation and reinforced insulation are equipped with a polarized plug (one prong is wider than the other). This plug will only fit in the right way into a polarized outlet. If the plug cannot be introduced into the outlet, reverse the plug. If it still doesn't fit, call a qualified electrician to install for you a polarized outlet. Do not alter the plug in any way. Both insulation types eliminate the need of both a grounded third power cord with three prongs or a grounded power connection.

⚠ WARNING When using an extension cable, verify the gauge is enough for the power that your product needs. A lower gauge cable will cause voltage drop in the line, resulting in power loss and overheating. The following table shows the right size to use depending on cable's length and the ampere capability shown in the tool's nameplate. When in doubt use the next higher gauge.



Ampere Capacity	Number of Conductors	Extension gauge	
		from 6 ft to 49 ft	higher than 49 ft
from 0 A and up to 10 A	3 (one grounded)	18 AWG(*)	16 AWG
from 10 A and up to 13 A		16 AWG	14 AWG
from 13 A and up to 15 A		14 AWG	12 AWG
from 15 A and up to 20 A		8 AWG	6 AWG

* It is safe to use only if the extensions have a built-in artifact for over current protection.

AWG = American Wire Gauge. Reference: NMX-J-195-ANCE

⚠ WARNING When operating power tools outdoors, use a **volteck** grounded extension cable labeled "For Outdoors Use". These extensions are specially designed for operating outdoors and reduce the risk of electric shock.



⚠ WARNING! Read carefully all safety warnings and instructions listed below. Failure to comply with any of these warnings may result in electric shock, fire and / or severe damage. **Save all warnings and instructions for future references.**

Work area

Keep your work area clean, and well lit.

Cluttered and dark areas may cause accidents.



Never use the tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.

Sparks generated by power tools may ignite the flammable material.



Keep children and bystanders at a safe distance while operating the tool.

Distractions may cause losing control.



Electrical Safety

The tool plug must match the power outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.

Modified plugs and different power outlets increase the risk of electric shock.



Avoid body contact with grounded surfaces, such as pipes, radiators, electric ranges and refrigerators.

The risk of electric shock increases if your body is grounded.

Do not expose the tool to rain or wet conditions.

Water entering into the tool increases the risk of electric shock.

Do not force the cord. Never use the cord to carry, lift or unplug the tool. Keep the cord away from heat, oil, sharp edges or moving parts.

Damaged or entangled cords increase the risk of electric shock.

When operating a tool outdoors, use an extension cord suitable for outdoor use.

Using an adequate outdoor extension cord reduces the risk of electric shock.

If operating the tool in a damp location cannot be avoided, use a ground fault circuit interrupter (GFCI) protected supply.

Using a GFCI reduces the risk of electric shock.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.

A moment of distraction while operating the tool may result in personal injury.

Use personal protective equipment. Always wear eye protection.

Protective equipment such as safety glasses, anti-dust mask, non-skid shoes, hard hats and hearing protection used in the right conditions significantly reduce personal injury.



Prevent unintentional starting up. Ensure the switch is in the "OFF" position before connecting into the power source and / or battery as well as when carrying the tool.

Transporting power tools with the finger on the switch or connecting power tools with the switch in the "ON" position may cause accidents.

Remove any wrench or vice before turning the power tool on.

Wrenches or vices left attached to rotating parts of the tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times.

This enables a better control on the tool during unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothes and gloves away from the moving parts.

Loose clothes or long hair may get caught in moving parts.



If you have dust extraction and recollection devices connected onto the tool, inspect their connections and use them correctly. Using these devices reduce dust-related risks.

Power Tools Use and Care

Do not force the tool. Use the adequate tool for your application.

The correct tool delivers a better and safer job at the rate for which it was designed.



Do not use the tool if the switch is not working properly.

Any power tool that cannot be turned ON or OFF is dangerous and should be repaired before operating.

Disconnect the tool from the power source and / or battery before making any adjustments, changing accessories or storing.

These measures reduce the risk of accidentally starting the tool.

Store tools out of the reach of children. Do not allow persons that are not familiar with the tool or its instructions to operate the tool.

Power tools are dangerous in the hands of untrained users.



Service the tool. Check the mobile parts are not misaligned or stuck. There should not be broken parts or other conditions that may affect its operation. Repair any damage before using the tool.

Most accidents are caused due to poor maintenance to the tools.

Keep the cutting accessories sharp and clean.

Cutting accessories in good working conditions are less likely to bind and are easier to control.



Use the tool, components and accessories in accordance with these instructions and the projected way to use it for the type of tool when in adequate working conditions.

Using the tool for applications different from those it was designed for, could result in a hazardous situation.

Service

Repair the tool in a TRUPER Authorized Service Center using only identical spare parts.

This will ensure that the safety of the power tool is maintained.

Safety warnings for jig saws

PRETUL®


Select the adequate blade

⚠ CAUTION • Select the adequate blade for the material. Reduce the risk of severe personal injury and make the job faster.

⚠ WARNING • Do not use dull or damaged blades. Bent blades may break easily and could cause kickback.

⚠ CAUTION • Handle blades with care. The teeth are very sharp.

Before operating the jig saw

⚠ DANGER • Double-check wall, floors, and ceilings to prevent making contact with power wires and / or pipes. 

⚠ CAUTION • Before starting to cut verify there are no nails or screws along the cutting line.

• Clamp and secure the work piece if possible to prevent it from moving.


• This jig saw is intended for manual use. Do not fix it.

After operating the jig saw

⚠ WARNING • Metal parts and accessories may get very hot if the tool is used for long periods of time.

⚠ CAUTION • Remove the Jig saw from the work piece only when it stops moving.

When operating the jigsaw

⚠ CAUTION • Hold the tool by the insulated gripping parts when there is risk of making contact with hidden wiring or the tools cable. Contact with "live" wiring will electrify the exposed metal parts of the tool and send and electric shock to the operator. 

• Use a bench vice or other practical way to support and secure the work piece onto a firm platform. Holding the work piece with your hand against your body makes it unstable and could cause losing control.

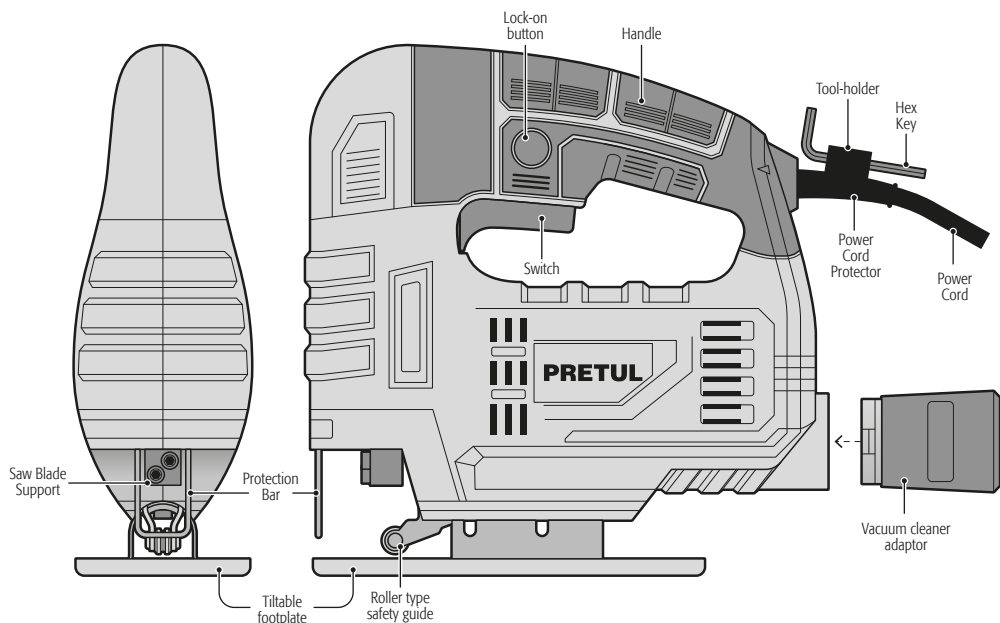
⚠ WARNING • Keep your hands away from the cutting area. Do not overreach over the material to be cut. The distance of your hand with the blade is out of sight.

⚠ CAUTION • Never stop the blade by applying force on its side.

• When operating the jig saw always assure it is firmly held.

• When operating the jig saw sit it firmly against the material. It reduces vibration, stops the tool from jumping or breaking the blade.

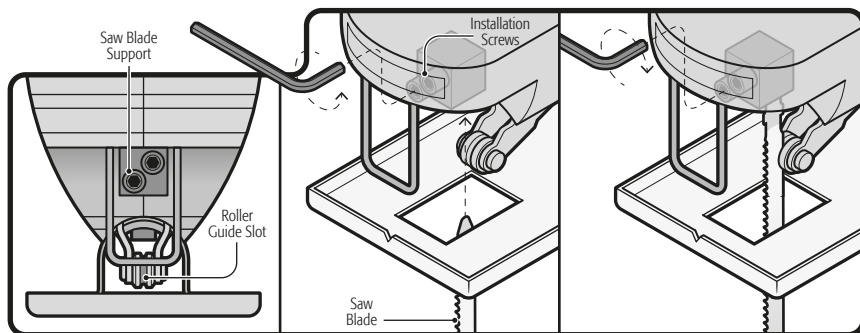
• When making cutouts in metal, you should always use a cooling material (such as oil or water) to prevent the tool or workpiece from overheating.



Start up

Installation of the Saw Blade

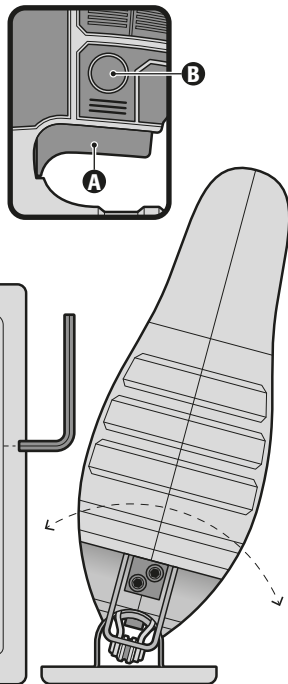
- The jigsaw support opening shall be free of sawdust.
- Loosen the installation screws with the Hex key.
- Set the saw blade into the saw blade support until it stops. The rear side of the saw blade shall go into the roller guide slot.
- Tighten firmly the installation screws. The screws may get loose while the tool is used due to vibration and the saw blade use. Double check regularly the saw blade is not loose. Tighten if loose.



Should be used a  **TRUPER**® Brand "T" type shank blade.

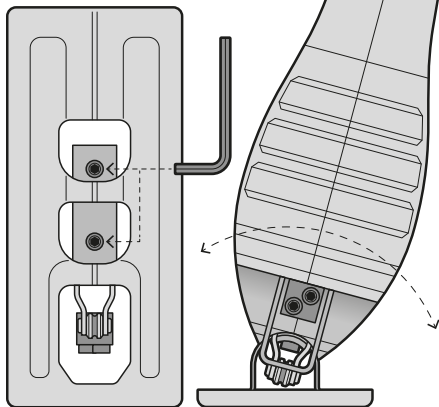
Start and Operation Control

- **Intermittent Operation:**
Connect the plug into the power outlet.
Press the switch **(A)** to start the tool.
To stop the tool, simply release the switch.
- **Continuous Operation:**
Connect the plug into the power outlet.
Press the switch **(A)** and block it pressing the lock-on button **(B)**.
To stop the tool, press and release the switch.



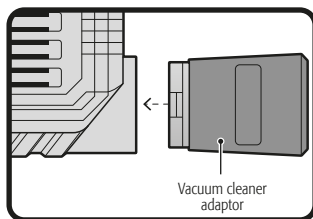
Adjust the Cutting Angle

- Disconnect the unit from the power source.
- Loosen 2 screws in the shoe base using the Allen key included.
- When the screws are loosened adjust the base into the desired angle according to the scale marked in the shoe.
- Tighten back the screws.
- Set the Hex key in its support set in the power cord immediately after using it.



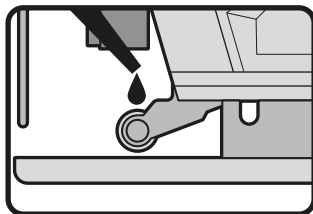
Vacuuming Particles

- Connect a vacuum cleaner to the tool using the Vacuum cleaner adaptor to vacuum clean dust, saw dust or any particle from the work piece.




Lubrication

- Apply regularly one drop of lubricant to the guide roller to gain an adequate sliding of the saw blade while cutting.




⚠ WARNING Disconnect the cord from the power outlet before making adjustments, service or maintenance on the tool.



Cleaning and Care

- Keep the tool free of dust. Never use water or chemical-based cleansing materials to clean the tool. Clean only using a clean and dry cloth.
- Keep the ventilation slots always clean and free of obstructions to guarantee the right cooling of the motor.
- Double-check the power cable regularly to detect any type of damage. Go to a  **TRUPER** Authorized Service Center when damaged to replace the cable.

Service

- The tool should only be serviced in a  **TRUPER** Authorized Service Center. Service and maintenance carried out by non qualified people may be dangerous and could cause severe personal injury. It also makes the product Warranty void.

Carbon Brush Replacement

- Carbon Brushes need to be checked regularly and when worn, replaced in a  **TRUPER** Authorized Service Center. After the carbons have been replaced, ask the technician to inspect if they run freely in the carbon housing and to let the machine run 5 minutes to even the contact of carbon and commutator.
- Use only  **TRUPER** original carbon brushes, designed specifically with the strength and electric resistance needed for each type of motor. Carbon brushes that are out of the specifications may damage the motor.
- When replacing carbon brushes both carbons should be replaced simultaneously.

In the event of any problem contacting a Truper Authorized Service Center, please see our webpage www.truper.com to get an updated list, or call our toll-free numbers **800 690-6990** or **800 018 7873** to get information about the nearest Service Center.

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Code	Model	Brand
29003	CALA-P4	PRETUL®

Warranty. Duration: 1 year. Coverage: parts, components and workmanship against manufacturing or operating defects, except if used under conditions other than normal; when it was not operated in accordance with the instructive; was altered or repaired by personnel not authorized by **Truper®**. To make the warranty valid, present the product, stamped policy or invoice or receipt or voucher, in the establishment where you bought it or in Corregidora 35, Centro, Cuauhtémoc, CDMX, 06060, where you can also purchase parts, components, consumables and accessories. It includes the costs of transportation of the product that derive from its fulfillment of its service network. . Phone number **800-018-7873**. Made in China. Imported by Truper, S.A. de C.V. Parque Industrial 1, Parque Industrial Jilotepec, Jilotepec, Edo. de Méx. C.P. 54257, Phone number 761 782 9100.



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