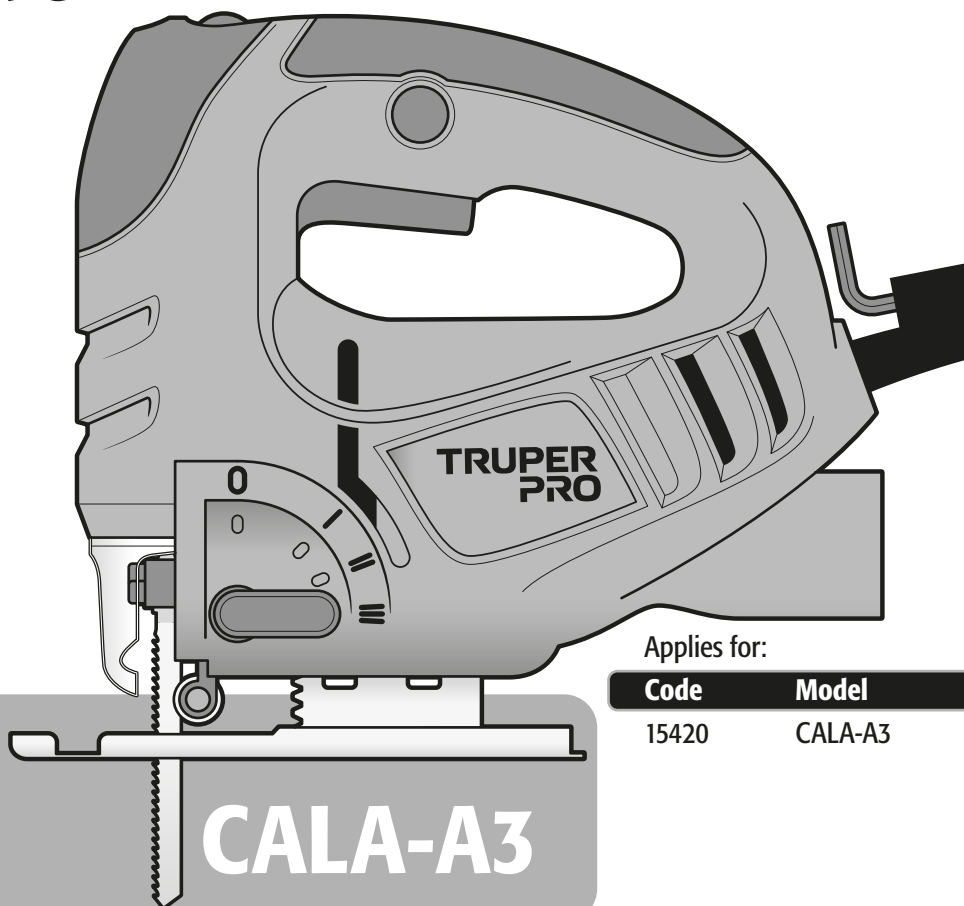


Manual

## Variable speed jig saw

**0.7 Hp**

Power



Applies for:

**Code**

15420

**Model**



CALA-A3

**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.

## Use and care recommendations



**RESPECT THE WORK CYCLES.** 30 minutes of work per 15 minutes of rest  
Maximum 3 hours daily.



Avoid using the cord to move, lift, or disconnect the tool.



Refer to the Swinging action control and Speed guide (page 8).



To extend the life of your tool, use compressed air (blow) to clean it after each use.



Perform periodic **MAINTENANCE** to your machine (page 10).

## CALA-A3

Code	•	15420
Description	•	Variable speed jig saw
Voltage	•	127 V~
Frequency	•	60 Hz
Current	•	4.5 A
Power	•	0.7 Hp
Speed	•	0 strokes / min – 3 000 strokes / min (SPM)
Miter cutting	•	0° - 45° left / right
Stroke length	•	11/16"
Cutting capacity	•	Wood 2-1/2"   Metal 5/16"
Work cycle	•	30 minutes work per 15 minutes rest. Daily maximum, 3 hours.
Conductors	•	18 AWG x 2C with insulating temperature of 221 °F
Insulation	•	Class II
		IP Grade • IP20

Power Cord Grips: Type Y  
Build Quality of the jig saw: Reinforced  
Thermal Insulation Class on Motor Winding: Class E

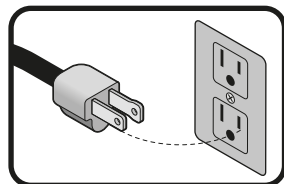
**⚠ WARNING** Avoid the risk of electric shock or severe injury. When the power cable gets damaged it should only be replaced by the manufacturer or at a TRUPER Authorized Service Center. The build quality of the electric insulation is altered if spills or liquid gets into the tool while in use. Do not 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 eliminates 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 **5 VOLTECK** grounded extension cable labeled "For Outdoors Use". These extensions are specially designed for operating outdoors and reduce the risk of electric shock.





## General power tool safety warnings



**⚠ 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, jewelry 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

**TRUPER  
PRO**

## 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.

## While operating the jig saw

**⚠ 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. ⚡

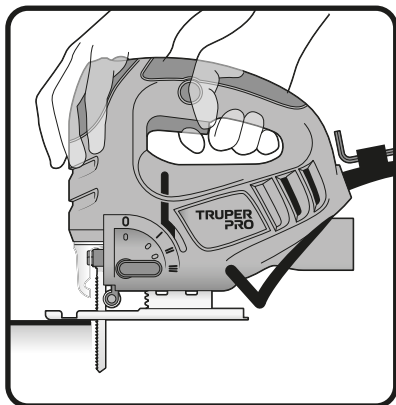
• Use a bench vice or other practical way to support and secure the work piece onto a firm platform. Holding the work piece with your hand against your body makes it unstable and could cause losing control.

**⚠ 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.

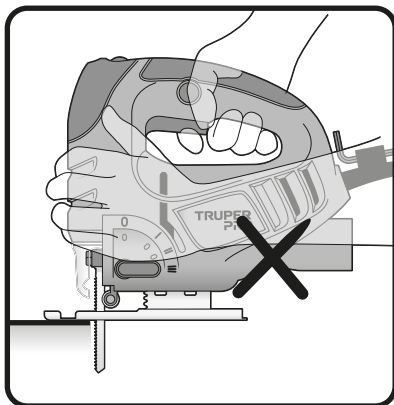
**⚠ CAUTION** • Never stop the blade by applying force on its side.

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

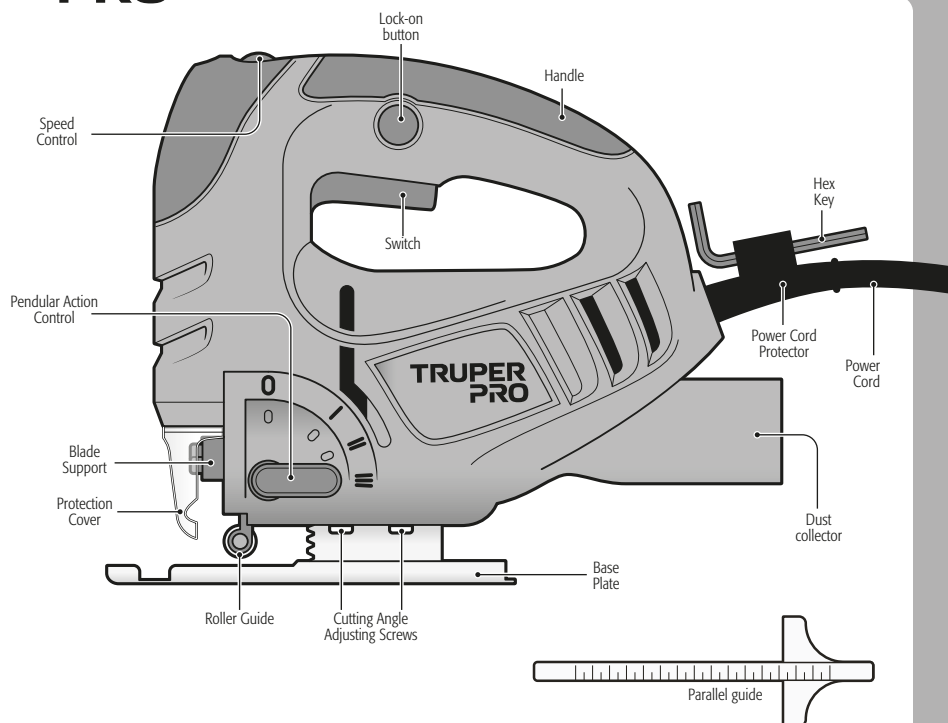
• When operating the jig saw sit it firmly against the material. It reduces vibration, stops the tool from jumping or breaking the blade.



right way to hold the jig saw



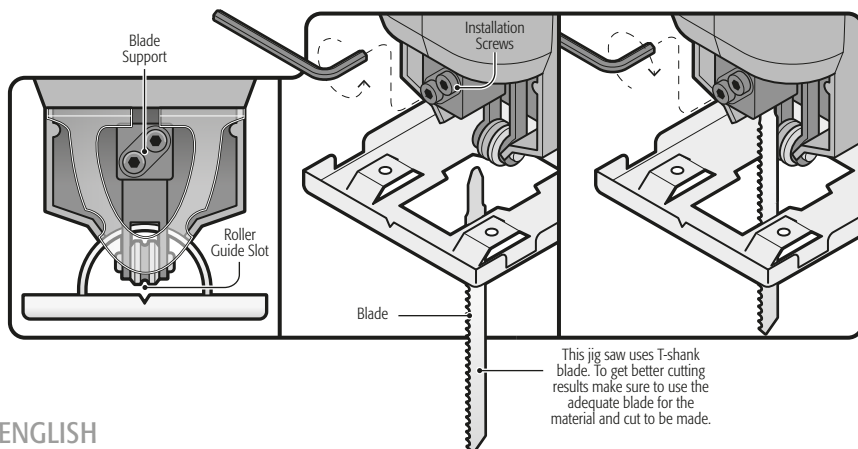
wrong way to hold the jig saw

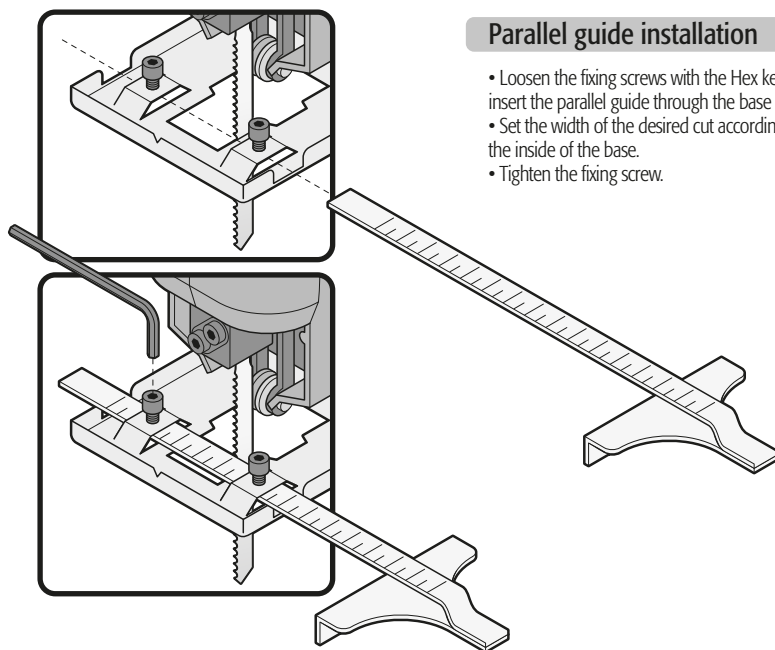


## Preparation

### Blade installation

- The opening of the blade support shall be free of sawdust.
- Loosen the installation screws with the Hex key (including).
- Insert the blade all the way into the blade support. The backside of the blade shall fit into the roller guide slot.
- Tighten firmly the installation screws. Vibration and blade use might get the screws run loose. Check the blade regularly; if loose tighten the installation screws.



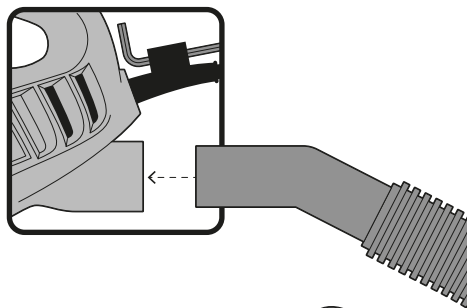


## Parallel guide installation

- Loosen the fixing screws with the Hex key (included) and insert the parallel guide through the base of the guide.
- Set the width of the desired cut according to the scale on the inside of the base.
- Tighten the fixing screw.

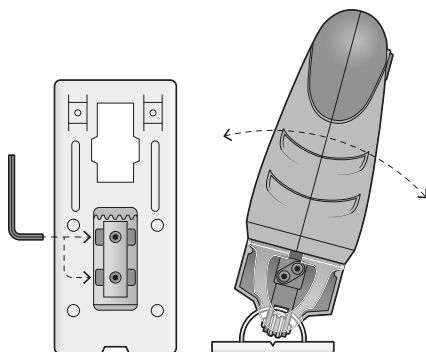
## Extraction dust hose

- Connect the extraction hose to the dust extraction port of the machine with an internal diameter of 1 3/8" (35 mm) (not compatible with Truper brand vacuums).
- Connect the dust extraction hose to a dust extractor or vacuum cleaner.



## Adjusting the cutting angle

- Disconnect the unit from the power source.
- Loosen the 2 screws on the base plate with the Hex key included.
- When the screws are loosened, adjust the base plate into the desired angle using the serrated guide in the base plate.
- Tighten the screws back.
- Set the Hex key back in its holder in the power cable protector immediately after use.



## Start up and operation control

- **Intermittent Operation:**  
Connect the plug to the electrical outlet.  
Press the switch **(A)** to start the jig saw operating.  
To interrupt its use, simply release the switch.
- **Continuous Operation:**  
Connect the plug to the electrical outlet. Press the switch **(A)** and lock it by pressing the lock-on button **(B)**.  
To interrupt its operation, press and then release the switch.

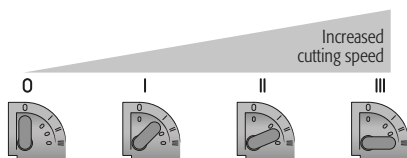
## Swinging action control (c)

Swinging action varies the blade cutting angle to increase the cutting efficiency.

It shall be adjusted with the jig saw unloaded. Do not apply excessive force on the blade when cutting with the swinging action. The blade cuts only upwards.

Precise, smooth  
and clean cut.

Coarse cut and  
with splinters.

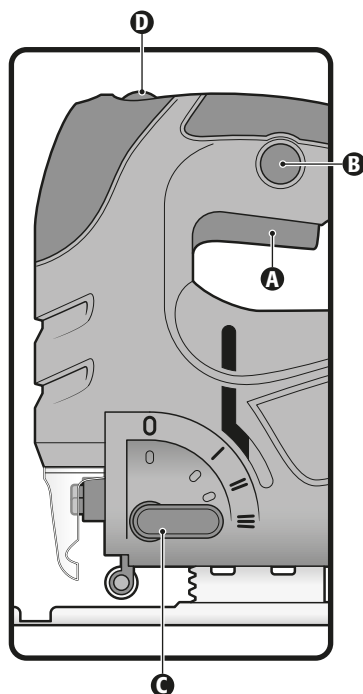


Material	Hard	Soft		
	Steel, stainless steel, aluminum, plastic, wood and plywood.	Steel, stainless steel, aluminum, plastic, wood and plywood.	Aluminum, plastic, wood and plywood	Wood and plywood
Cut	Straight and curved	Straight only		

## Speed control

- The tool can be operated at different speeds. These are selected by adjusting the speed control **(D)** located on the top of the tool.
  - The number of coats required depends on the material and working conditions, and it is advisable to determine it by testing.
- It is advisable to reduce the number of strokes when applying the saw blade while it is in operation against the workpiece, as well as when sawing plastic and aluminum.
- Refer to the speed guide to select the appropriate one for the job to be done.

**⚠ WARNING** • When working for an extended period of time with a limited number of blades, the power tool may heat up strongly. Remove the saw blade and let the power tool run for about 3 minutes at maximum speed to allow it to cool down.



## Speed guide

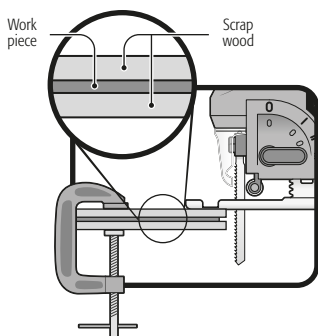
Application	Speed
Closed curves	1-2
Curves cut	3-4
Standard cut	4-5
Fast cut	5



## Cut wood sheets

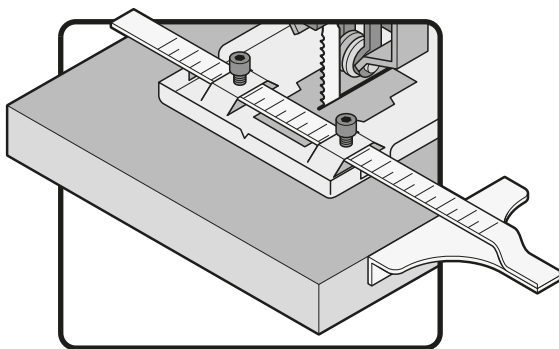
- When cutting most wood sheets or very thin wood use a blade with fine teeth. Reduce splinters in the edges.
- Clamp scrap pieces of wood onto both faces of the work piece and start cutting.

**⚠ CAUTION** • Do not use the balancing action when cutting much closed circles or angles.



## Straight cut

- To make more accurate straight cuts, use the parallel guide provided with the tool by resting it against the edge of the workpiece.
- The parallel guide is inserted through the slots on the saw's shoe. To adjust the width, loosen the hex key head screws and move the parallel guide to the desired position.
- Straight cuts can also be made with a good finish by cutting slowly along a previously marked cutting line.



## Circular cut

- Circular cuts can also get a fine finish if cutting slowly over a line previously marked similar to the straight cut. With a circular guide (not included) the jig saw can make perfect circular cuts.

## Accessories

Replacement	Code	Item
	101250	INT-CALA-A3
	15977	CB-CALA-A3

**⚠ WARNING** Disconnect the tool from the power source before making adjustments, service or maintenance to the jig saw.

### Cleaning and care

- Keep the tool free of dust. Never use water or chemical-based cleansing materials. 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.
- Check the feeding cable regularly to look for any damages. In case the cable is damaged change it in a TRUPER Authorized service center.

### Service

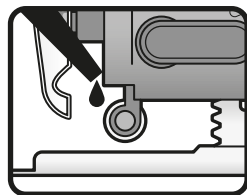
- The tool shall only be serviced in a TRUPER Authorized service center. Service and maintenance carried out by non-qualified people may be dangerous and could cause severe personal injury. It also makes the product warranty void.

### Carbon brush replacement

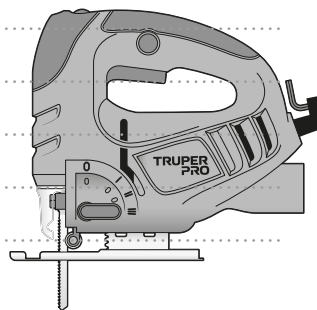
- Carbon brushes need to be checked regularly and when worn, replaced in a TRUPER Authorized Service Center. After the carbons have been replaced, ask the technician to inspect if they run freely in the carbon housing and to let run the machine 5 minutes to make even the contact of carbon and commutator.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

### Lubrication

- Regularly apply a drop of lubricant to the roller guide for proper blade slippage when cutting.



## Notes



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 Authorized Service Center.

**AGUASCALIENTES** **DE TODO PARA LA CONSTRUCCIÓN**  
GRAL. BARRAGÁN #1201, COL. GREMIAL, C.P. 20030,  
AGUASCALIENTES, AGS. TEL.: 449 994 0537

**BAJA CALIFORNIA** **SUCURSAL TIJUANA**  
AV. LA ENCANTADA, LOTE #5, PARQUE INDUSTRIAL EL  
FLORIDO II, C.P. 22244, TIJUANA, B.C.  
TEL.: 664 969 5100

**BAJA CALIFORNIA SUR** **FIX FERRETERÍAS**  
FELIPE ÁNGELES ESQ. RUIZ CORTÍNEZ S/N, COL. PUEBLO  
NUEVO, C.P. 23670, CD. CONSTITUCIÓN, B.C.S.  
TEL.: 613 132 1115

**CAMPECHE** **TORNILLERÍA Y FERRETERÍA AAA**  
AV. ÁLVARO OBREGÓN #324, COL. ESPERANZA  
C.P. 24080 CAMPECHE, CAMP. TEL.: 981 815 2808

**CHIAPAS** **FIX FERRETERÍAS**  
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TAPACHULA, CHIS. TEL.: 962 118 4083

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AV. SILVESTRE TERRAZAS #128-11, PARQUE INDUSTRIAL  
BAFAR, CARRETERA MÉXICO CUAUHTÉMOC, C.P. 31415,  
CHIHUAHUA, CHIH. TEL.: 614 434 0052

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TEL.: 55 5522 5051 / 5522 4861

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CALLE METAL MECÁNICA #280, PARQUE INDUSTRIAL  
ORIENTE, C.P. 27278, TORREÓN, COAH.  
TEL.: 871 209 68 23

**COLIMA** **BOMBAS Y MOTORES BYMTESA DE MANZANILLO**  
BLVD. MIGUEL DE LA MADRID #190, COL. 16 DE  
SEPTIEMBRE, C.P. 28239, MANZANILLO, COL.  
TEL.: 314 332 1986 / 332 8013

**DURANGO** **TORNILLOS ÁGUILA, S.A. DE C.V.**  
MAZURIO #200, COL. LUIS ECHEVERRÍA, DURANGO,  
DGO. TEL.: 618 817 1946 / 618 818 2844

**ESTADO DE MÉXICO** **SUCURSAL CENTRO JILOTEPEC**  
PARQUE INDUSTRIAL # 1, COL. PARQUE INDUSTRIAL  
JILOTEPEC, JILOTEPEC, EDO. DE MÉX. C.P. 54257  
TEL.: 761 782 9101 EXT. 5728 Y 5102

**GUANAJUATO** **CÍA. FERRETERA NUEVO MUNDO S.A. DE C.V.**  
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CELAYA, GTO. TEL.: 461 617 7578 / 79 / 80 / 88

**GUERRERO** **CENTRO DE SERVICIO ECLIPSE**  
CALLE PRINCIPAL MZ1 LT. 1, COL. SANTA FE, C.P. 39010,  
CHILPANCIÑO, GRO. TEL.: 747 478 5793

**HIDALGO** **FERREPRECIOS S.A. DE C.V.**  
LIBERTAD ORIENTE #304 LOCAL 30, INTERIOR DE PASAJE  
ROBLEDO, COL. CENTRO, C.P. 43600, TULANCINGO,  
HGO. TEL.: 775 753 6615 / 775 753 6616

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TEL.: 33 3606 5285 AL 90

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EX-HACIENDA DE LA HUERTA, C.P. 58050, MORELIA,  
MICH. TEL.: 443 334 6858

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CENTRO, C.P. 62740, CUAUTLA, MOR.  
TEL.: 735 352 8951

**NAVARRIT** **HERRAMIENTAS DE TEPIC**  
MAZATLAN #117, COL. CENTRO, C.P. 63000, TEPIC, NAY.  
TEL.: 311 258 0540

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CARRETERA LAREDO #300, 1B MONTERREY PARKS,  
COLONIA PUERTA DE ANAHUAC, C.P. 66052, ESCOBEDO,  
NUEVO LEÓN, TEL.: 81 8352 8791 / 81 8352 8790

**OAXACA** **FIX FERRETERÍAS**  
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TUXTEPEC, OAX. TEL.: 287 106 3092

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C.P. 72710, CUAUTLACINGO, PUE.  
TEL.: 222 282 8282 / 84 / 85 / 86

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TEL.: 427 268 4544

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C.P. 77710 PLAYA DEL CARMEN, Q.R.  
TEL.: 984 267 3140

**SAN LUIS POTOSÍ** **FIX FERRETERÍAS**  
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SAN LUIS POTOSÍ, S.L.P. TEL.: 444 822 4341

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MORA, C.P. 80143, CULIACÁN, SIN.  
TEL.: 667 173 9139 / 173 8400

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TEL.: 644 413 2392

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2A ETAPA, C.P. 86010, VILLAHERMOSA, TAB.  
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TAMS. TEL.: 899 926 7552

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C.P. 90970, SAN PABLO DEL MONTE, TLAX.  
TEL.: 222 271 7502

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PRIMAVERA, C.P. 93308, POZA RICA, VER.  
TEL.: 782 823 8100 / 826 8484

**YUCATÁN** **SUCURSAL MÉRIDA**  
CALLE 33 #600 Y 602, LOCALIDAD ITZINCAB Y MULSAV,  
MPIO. UMAN, C.P. 97390, MÉRIDA, YUC.  
TEL.: 999 912 2451

Code	Model	Brand
15420	CALA-A3	TRUPER PRO

**Warranty.** Duration: 3 years. 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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