

ELECTROCOUP F3010

USER
GUIDE



Think about it !
"every day"



IF YOU WISH :

- To spend a good day with your **ELECTROCOUP**
- To have clean cuts
- To reduce mechanical fatigue
- To improve the shear performances
- To simply work in better conditions

TOO EASY :

**Sharpen your blade.
Keep the blade correctly tightened.
Keep the blade shaft well greased.
Every Day !**

See user guide.

Kit 3010

Did you know ?



LIGHT KIT

Specially designed for use with wood of small diameter. This kit offers better penetration thanks to its small cutting head.

In addition, it offers the advantage of reducing the overall unit weight by 20g.

Use on wood of up to 35mm.

MEDIUM KIT

Increase the cutting capacity of your tool thanks to the medium kit designed for horticulture, forestry work and parkland.

In these applications this kit complements basic F3010 use.

Use on wood of up to 45mm.

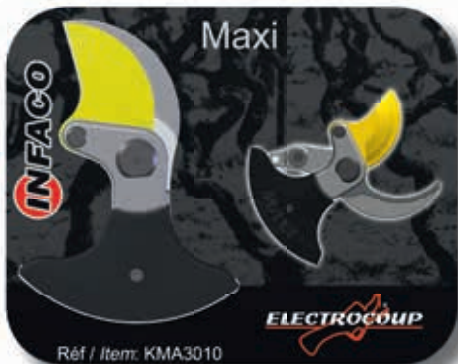


MAXI KIT

Perfect for cutting back vines before top grafting operations. It is also an essential tool for tree lopping and all pruning operations in Parkland.

This kit will give your F3010 unrivalled cutting capacity.

Use on wood of up to 55mm.



**Feel free to ask your distributor
for additional information**



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FIRST USE OF THE UNIT

The first time you use the equipment, we strongly recommend you to ask the advice of your retailer, who is qualified to give you all the information you need for the correct use and optimum performance.

It is essential to read these instructions carefully before using the equipment.

UNIT SET UP

Put the waistcoat on and adjust both suspenders n°23 and n°24 at your convenience.

For right handed users, the control box is in bedded in the right hand side belt of the waist coat n°22.

For left handed users, simply detach/unclip the control box from its n°20 base. Slide the base out of the right hand side belt and slide it in the left hand side belt. Clip the control box back in its n°20 base. Twist the control box in order to position the spiral cable n°4 in front and swap the direction of the control box display (see page 6).

POWERING THE UNIT

Please ensure that the main switch n°1 is set to OFF Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.

Caution, use the locating device when connecting the shear.


Turn the control box switch n°1 to **ON** - this should only be done just before you start using the equipment.


Both the pruning shear display screen and LED light n°7 should light up. It is imperative to follow the powering instructions to avoid the D11 fault signal to come up. Should this signal appear, please simultaneously turn the control box power switch OFF AND ON.

USING THE UNIT

For each start-up, you must press the trigger n°8 twice.

You can now choose one of two different operating modes, by activating the switch located on the control box (see page 5).

- Either PROPORTIONAL mode  **PROP** (opening and closing depend on the speed of manoeuvring the trigger).

- Either PULSE mode  **IMP** (press trigger once=closure at maximum speed, release trigger=opening at maximum speed).

The pruning shear is also equipped with a half-opening switch n°6, which you can use to reduce blade opening by approximately 50 % (see page 12).

When the equipment is in operation, always keep your hands away from the cutting head.

If the pruning shear does not work, switch off the control box using the switch n°1, then switch it on again.

For anything other than pruning operations, put switch (1) in the OFF position, disconnect the pruning shear connector (4) and the connection to the battery (3).

The pruning shear is fitted with an electronic overload system with automatic reset. As soon as the cutting blade blocks due to excess resistance, the electronic system stops the motor. If you continue to press the pruning shear trigger n°8, the motor restarts automatically after one second. If you. In the event of the cutting blade blocking 10 times consecutively, the unit will automatically cease and display the following signal: **"D08 BLOC"**. You will then need to restart the unit by flicking switch n°1 OFF and back ON. For safety reasons, we highly recommend that you use the case supplied for carrying the pruning shear and the battery to the working area.



In wet weather, the battery belt **MUST** be worn under waterproof clothing, so that the battery and control box unit are protected from humidity.

In order to work under the best possible conditions, it is recommended to sharpen the blade at least every two hours.

For sharpening instructions refer to page 13.

For sharpening, the "safety instructions" paragraph must be strictly complied with.



USAGE PRECAUTIONS

Before using the equipment, make sure the battery has been sufficiently charged for a minimum of 5 hours.

Always disconnect the pruning shear at the connectors n°4 and n°5 for all operations other than pruning, and **ESPECIALLY FOR SHARPENING OR GREASING THE BLADES.**

Grease the shear at least twice a day, in the morning before starting work and in the middle of the day (see page 19).

Check that the blade is correctly tightened every morning (see page 14).

Every time that you unplug and plug back n°4 and n°5 you **MUST** activate the trigger twice to restart the unit.

Never disconnect the connector n°4 at the bottom of the pruning shear or stop the control box while you are pressing the operating trigger n°8 of the pruning shear.

A few minutes prior to the battery running out, the pruning shear will stop and the LED light n°7 will flash red every half second (indicating a fault). The digital screen will display the following fault signal "D01 LOWB" (see fault list on page 9). To reboot your unit, you will need to turn the control box off and back on using switch n°1.

If the pruning shear stops again, you will need to stop working and charge the battery.

For your safety, the electronic system is fitted with an additional safety device that cuts off the supply to the pruning shear if it is not used for 1 minute. You then need to press twice on the pruning shear trigger n°10 to put it back into operation.

Under no circumstance should you leave the pruning shear on the ground, nor should it be left outside during bad weather conditions.

ENVIRONMENTAL PROTECTION :



Observe all country-specific waste disposal rules and regulations.

Electrical appliances must not be thrown in the garbage can.



Take the machine, accessories and packaging to an approved disposal site for environment-friendly recycling.


Contact your INFACO servicing dealer for the latest information on waste disposal.



OPERATING THE CONTROL BOX



POWERING THE CONTROL BOX

When turning the unit on, the screen displays the battery status represented by a 4 bar graph **BATT** .

To better assess the status of the battery, it is recommended to use the unit for at least 5 minutes as the level of charge is assessed by matching it to the average usage length.

PERCENTAGE OF BLOCKING CUTS

The n°2 button on the control box enables you to navigate from battery status mode to percentage of blocking cuts mode, by simply pressing the button once.

A blocking cut is identified and recorded every time the pruning shear stops while cutting the wood and starts again after 1 second. The percentage of blocking cuts is calculated by dividing the number of cuts by the number of blocking cuts. A percentage is then calculated and defines the intensity of work produced.

The average percentage for work produced in a winery equals 0.5%, and the maximum tolerance in that application is 1%.

The average percentage for work produced in arboriculture equals 1%, and the maximum tolerance in that application is 2%.

A percentage superior to 3% could result in damage to the unit.

The pruning shear is now equipped with a system which detects when the blade should be sharpened. When identifying an over used blade, the unit will inform the user by illuminating an orange LED n°7. This light will automatically turn on when operating over 1000 consecutive cuts with a blocking cuts percentage over the maximum tolerated.

It is then necessary to sharpen the blade following the sharpening instructions on page 13, or to replace the blade with a new one in order to reduce the blocking cuts percentage.

Please note that a minimum of 1000 cuts with a low blocking cuts rate is compulsory in order for the LED n°7 to turn green.





PROPORTIONAL OR PULSE MODE

This unit benefits from 2 operating modes:

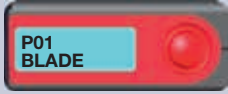
PULSE or PROPORTIONAL MODE

The unit is automatically set up on the proportional mode

Procedure to follow to change the mode :


- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Turn the control box power switch n°1 ON. Press the button n°2 until  **IMP** or  **PROP** appears.
- 3 - Press the n°2 button for 3 seconds to change the mode to  **IMP** or  **PROP**.

BLADE OPENING ADJUSTMENT



This program enables to optimise the crossing ratio between the blade and the hook depending on the sharpness of the blade.

Procedure :


- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch n°1 ON/OFF.
- 3 - The battery status **BATT**  will appear (if it doesn't, press the n°2 button until the battery level is displayed).
- 4 - Press the n°2 button for 5 seconds until «**P01 BLADE**» appears.
- 5 - To enter the program, press the n°2 button for 3 seconds; «**P01 BLADE**» should be flashing.
- 6 - Start the pruning shear by activating the n°8 trigger twice.
- 7 - Activate the n°8 trigger until the blade is closed, then activate by pulsing the n°8 trigger to reach the desired crossing of the blade.
- 8 - Without releasing the trigger, validate the position by pressing the n°2 button on the control box for 3 seconds. «**P01 BLADE OK**» should appear.
- 9 - Start the pruning shear by activating the n°8 trigger three times. Check the shear is working properly by conducting a few cuts. If the crossing is not suitable, resume the procedure.

CHANGING THE DIRECTION IN WHICH THE INFO IS DISPLAYED

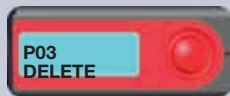


This program enables to invert the way the control box displays the information for a left handed user.

Procedure :


- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch n°1 **ON/OFF**.
- 3 - The battery status «**BATT** » will appear (if it doesn't, press the n°2 button until the battery level is displayed).
- 4 - Press the n°2 button for 5 seconds until «**P01 BLADE**» appears
- 5 - Press the n°2 button until «**P02 R/L**» appears
- 6 - To enter the program, press the n°2 button for 3 seconds; «**P02 R/L**» should be flashing.
- 7 - Press the n°2 button twice to change the direction on the display screen.
- 8 - Validate the direction by pressing the n°2 button for 3 seconds: «**P02 R/L OK**» should appear.

RESETTING THE USER STATISTICS

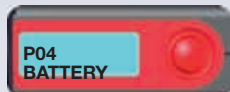


This program enables to reset the user statistics (number of cuts, blocking cuts, percentage of blocking cuts).

Procedure :

- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch n°1 **ON/OFF**.
- 3 - The battery status «**BATT** » will appear (if it doesn't, press the n°2 button until the battery level is displayed).
- 4 - Press the n°2 button for 5 seconds until «**P01 BLADE**» appears.
- 5 - Press the n°2 button until «**P03 DELETE**» appears.
- 6 - Validate the reset by pressing the n°2 button for 3 seconds : «**P03 DELETE OK**» should appear.

SELECTING THE TYPE OF BATTERIES




In order to get the most accurate level of battery, it is required to indicate to the control box the type of battery being used.

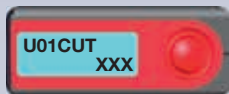
You have the option to use 2 different types of batteries :

- Inferior to 3Ah (only the SL model)
- Superior to 3Ah (models such as, 9Ah, etc...) Default mode.

Procedure :

- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch 1 **ON/OFF**.
- 3 - The battery status «**BATT** » will appear (if it doesn't, press the n°2 button until the battery level is displayed).
- 4 - Press the n°2 button for 5 seconds until «**P01 BLADE**» appears.
- 5 - Press the n°2 button until «**P04 BATTERY**» appears
- 6 - Validate the reset by pressing the n°2 button for 3 seconds : «**P04 ≥ 3Ah**» should flash.
- 7 - Press the n°2 button once to change the battery type
- 8 - Validate the battery type by pressing the n°2 button for 3 seconds : «**P04 ≥ 3Ah OK**» or «**P04 < 3Ah OK**» should appear depending on the type used.

USER STATISTICS



While being used, the shear memorises data (number of cuts, blocking cuts, percentage of blocking cuts...). It is possible to view this data via the control box.

Note :

The control box digital screen is only used to view the data ; all the statistics are stored/recorded in a in-built electronic micro-chip. You have the option to reset the user statistics (see page 7).

Procédure :

- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch n°1 **ON/OFF**.
- 3 - Press the n°2 button until the percentage of blocking cuts appears (eg : %0.50).
- 4 - Press the n°2 button for 5 seconds until «**U01 CUT**» appears.
- 5 - Press the n°2 button to check the other statistic recorded by the unit.
- 6 - To exit the user stats, restart the n°1 power switch **ON/OFF**.

List of user statistics :

- U01 CUT :** Number of cuts.
- U02 BCUT :** Number of blocking cuts.
- U03 CUT% :** Percentage of blocking cuts.
- D01 LOWB :** Lowbattery.
- D02 OCUR :** Motor short circuit.
- D03 MOT :** Motor winding fault.
- D04 SENS :** Faulty sensor board.
- D05 TEMP :** Motor over heating.
- D06 TDRV :** Electronic card over heating.
- D07 DSES :** Fault with DSES system.
- D08 BLOC :** Security 10 consecutive blocking cuts.
- D09 SCOM :** Faulty sensor card link.
- D10 POW :** Power fault.

MANUFACTURER STATISTICS



These stats are reset every time the unit goes back to the manufacturer.

Procedure :

- 1 - Connect the battery lead n°21 to the power socket n°3 of the control box. Connect the spiral cable lead n°4 to the power socket n°5 of the pruning shear.
- 2 - Restart the power switch n°1 **ON/OFF**.
- 3 - Press the n°2 button until the percentage of blocking cuts appears (eg : %0 . 50).
- 4 - Press the n°2 button for 5 seconds until «**U01 CUT**» appears.
- 5 - Press the n°2 button for 3 seconds until «**S01 – SECA**» appears.
- 6 - Press the n°2 button to check the other statistic recorded by the unit.
- 7 - To exit the user stats, restart the n°1 power switch **ON/OFF**.

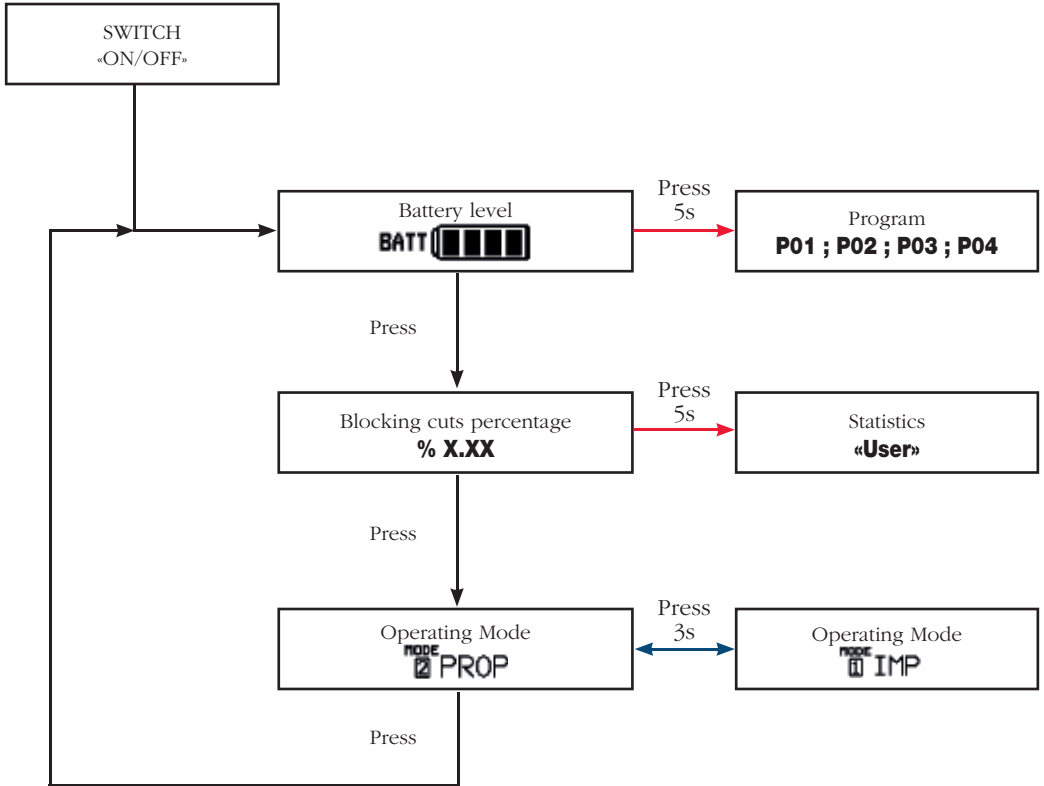
List of manufacturer stats :

- S01 SECA :** Unit reference.
S02 CUT : Number of cuts.
S03 CUTB : Number of blocking cuts.
S04 CUT % : Percentage of blocking cuts.
S06 SOFT : Electronic card soft version.
S07 ELEC : Electronic card reference.
D01 LOWB : Low Battery .
D02 OCUR : Motor short circuit.
D03 MOT : Motor winding fault.
D04 SENS : Faulty sensor board.
D05 TEMP : Motor over heating.
D06 TDRV : Electronic card over heating.
D07 DSES : Fault with DSES system.
D08 BLOC : Security 10 consecutive blocking cuts.
D09 SCOM : Faulty sensor card link.
D10 POW : Power fault.

LIST OF FAULTS

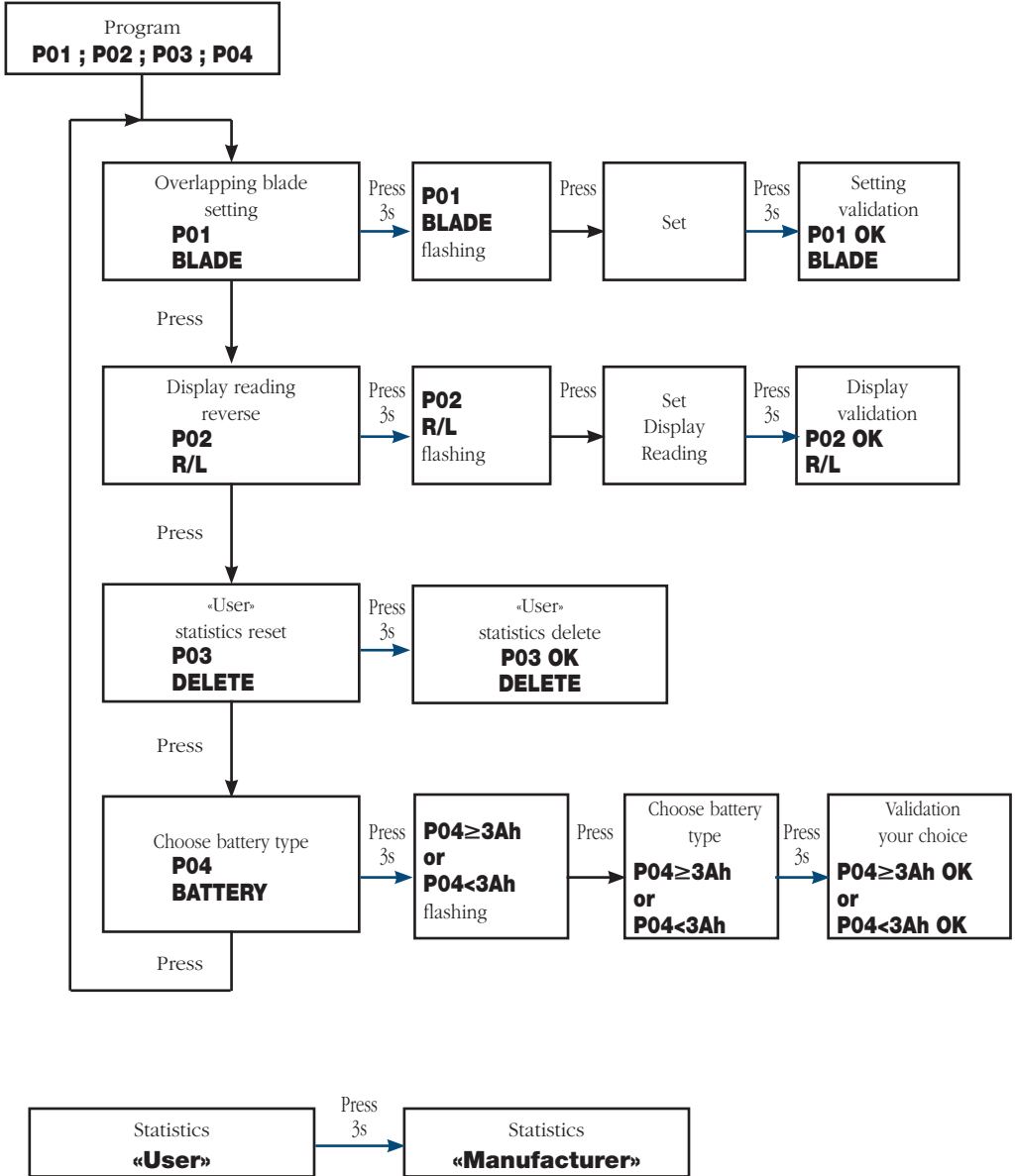
- D01 LOWB :** Low battery.
D02 OCUR : Motor short circuit.
D03 MOT : Motor winding fault.
D04 SENS : Faulty sensor board.
D05 TEMP : Motor over heating.
D06 TDRV : Electronic card overheating.
D07 DSES : Faulty DSES system.
D08 BLOC : Security 10 consecutive blocking cuts.
D09 SCOM : Faulty sensor board link.
- D10 POW :** Power fault.
D11 : Faulty link with shear.
D12 : Unknown control.
D13 : Incompatibility driver card / sensor.
- LED n°7 orange :** Over used blade (see page 6).

SYSTEM GRAPH






OF THE CONTROL BOX



HALF APERTURE ELECTRONIC ADJUSTMENT

You can adjust the position of the blade in half aperture at your convenience. To do so please follow the following procedure :

Procedure :

- 1 - Change the half aperture setting of switch n°6 to the large aperture setting
- 2 - Turn the power switch n°1 **ON/OFF**.
- 3 - Check the unit is set to Proportional mode  (see page 5).
- 4 - Activate the n°8 trigger to start the unit and until complete closure of the blade.
- 5 - Slowly release the n°8 trigger to reach the desired aperture, then change the half aperture switch n°6 to the small aperture setting to validate the setting.



MAINTENANCE



For all maintenance work, always unplug your shear.

SHARPENING THE BLADE

SHARPENING EVERY 2 HOURS

GOOD SHARPENING

YES



Sharpening must be done on the flat, on the **2 red slanted lines**, in order to keep the same angle of penetration throughout.

After 10 days



After 50 days



GOOD PENETRATION

RESULTS

- A clean cut
- Increased cutting capacity
- Improved cutting speed
- Greater autonomy
- Reduced mechanical fatigue
- Blade's improved life expectancy
- Normal motor temperature
- Higher yield

BAD SHARPENING

NO



If sharpening is only done on the cutting edge, after a few sharpening operations, the fine section of the blade will disappear and you will lose the angle of penetration.

After 10 days



After 50 days



BAD PENETRATION

RESULTS

- Leaves strips of bark which get stuck in the blade
- Reduced cutting capability
- Requires more energy even for simple cuts
- Uses more electricity therefore less autonomy
- Greater mechanical strain
- Blade wears out quicker
- More overheating
- Time wasted

TIGHTENING THE BLADE



For all maintenance work, always unplug your shear.

The blade should be checked and tightened every morning.
A well tightened blade should not be loose nor move from left to right.

If you can't close the shear manually,
the blade is too tight
(see arrow direction Fig.2).



Fig.1



Fig.2

To adjust the tightness :

- 1 - Slightly unscrew the n°11 screw using the n°25 key/screw driver.
- 2 - Undo and adjust the tightness of the bolt n°13 until the torque wrench n° 25 sets off (Fig.4).
- 3 - Block screw n°11 and check the tightness by following the above procedure.



Fig.3



Fig.4

Note : It is possible to have a slight looseness when closing the blade.
(see arrow direction in fig.5) This looseness is absolutely normal.



Fig.5



CHANGING THE BLADE

Always unplug the power socket n°4.

- 1 - Using a Philips screwdriver, unscrew both screws n°9 and remove the cover n°10.
- 2 - Using key n°25, unscrew screw n°11 and the plastic washer n°12.
- 3 - Using key n°25, unscrew screw n°13 and washer n°14.
- 4 - Remove the rack n°15 and blade n°16. Change the blade.
- 5 - If needed clean around the pinion.
- 6 - Position the new blade on rack n°15 and reposition the lot on the shear.
- 7 - Position the washer n°14 then screw and adjust the tightness of the bolt n°13 until the torque wrench n°25 sets off (page 14).
- 8 - Position the washer n°12 on screw n°11, screw it in on axis n°17.
- 9 - If needed, grease the rack teeth with graphite grease.
- 10 - Position the cover n°10 on the shear and screw both screws n°9.



YEARLY MAINTENANCE

When the pruning shear is not in use for a long period, remember to recharge the battery at least once every two months, and take care to store the equipment in a dry place, at a temperature between 10°C (50° F) and maximum 25°C (77° F).

Every year, we highly recommend that you get us to carry out the annual maintenance service. This will enable you to start the following season under good conditions, in complete safety.

RECHARGING THE BATTERY



Charge signal :

Orange steady : battery charging.

Green steady : battery charged.

Steady orange light 2 sec when plugging the 2nd battery : indicates the charger has detected the new battery.

Note : the charging order depends on the order in which the unit are plugged in.

To charge your battery belt, connect it to the charger n°26 (741 C1) to the 230V 50Hz (or 741 C2 to the 120V 60Hz power supply in USA). Charge your battery in a well ventilated place, free from any inflammable products or sources of ignition. The battery must not be covered or close to a heat source. The room must be dry, with a temperature between 10°C and 25°C (50°F and 77°F).



For safety reasons and to ensure correct operation of your battery belt, it is very important not to charge it in its carrying case, but with free space around it, in order to avoid any overheating (see diagram on page 18).

Plug 1 of the battery to the plug n°27 of the charger.

The charger automatically starts when the battery is plugged in. The lighted toggle switch n°28 will start up as a steady orange signal and remain the same during the charge. Once the battery is fully charged, the lighted toggle switch will turn green. From then the charger maintains the charge automatically.



**It is recommended not to leave the battery connected to the charger for longer than 48h
It is strongly recommended to recharge the battery every 2 months during the off season**

Attention: As soon as the tool is no longer in use (in storage, being transported, finished charging, etc.), you must unplug the battery cord (21) from the control box (3).

You also have the option to connect a second battery to the charger socket n°30. If doing so, the orange signal n°31 will light up for 2 seconds to indicate that the charger has detected the 2nd battery. At this stage the battery will be waiting to be charged. Once the 1st battery is fully charged the second battery starts charging. Once the 1st battery is charged, the green signal n°32 is on and the charger only maintains the charge.

If the charger lights do not turn on, keep your battery connected and disconnect and reconnect the mains connector (230 V / 120 V) on your charger until the orange light(s) come on.

When the battery is charged, it is recommended to disconnect the charger to avoid any damage due to a possible overvoltage on your electrical network. Use of a charger or battery made by another manufacturer is strictly forbidden, at the risk of breakdown or accident, and will render the manufacturer's guarantee null and void.

For information, the battery belt charging time is approximately 5 hours. (3 h for the SL model).



The Electrocoup Charger MUST only be used with the Electrocoup Batteries of the NiMh and NiCad 48V type.

It is strictly forbidden to use the charger with non rechargeable batteries.

Battery safety instructions :

Never try to open it for any reason whatsoever.
Never let it come into contact with water.
Before putting it on charge, check that it is clean and dry.



Instructions for protection of the environment :



Batteries designated by the abbreviation NiMh contain metal hydride.
Worn or defective batteries must be recycled in accordance with directive 91/157/CEE.

Do not discard the battery with household waste, or in flames or water.
Do not open the battery or the equipment.



Do not put the shear on the battery during charging or storage.

TIPS FOR RECHARGING YOUR BATTERY



Do not forget !

Recharge your battery every 2 months during the off season.

TIP : Keep record of your charging scedule on a calendar next to the battery location.

January							February							March						
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
18	19	20	21	22	23	24	25	26	27	28	29	30	31							
25	26	27	28	29	30	31														
April							May							June						
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
19	20	21	22	23	24	25	26	27	28	29	30	31								
26	27	28	29	30	31															
July							August							September						
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
19	20	21	22	23	24	25	26	27	28	29	30	31								
26	27	28	29	30	31															
October							November							December						
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
18	19	20	21	22	23	24	25	26	27	28	29	30								
25	26	27	28	29	30	31														



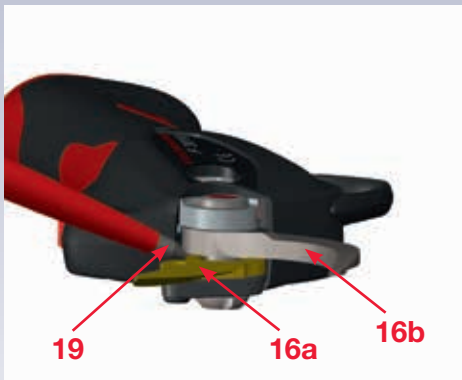
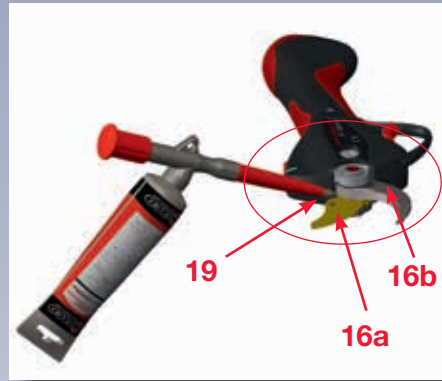
GREASING

Disconnect the pruning shear prior to applying grease

Grease at least twice per week.

For optimal lubrication, unlock the shear's blade using this procedure:

- 1 - Open screw (11) then the locking nut (13) with the key (25)
- 2 - Move blade (16a) away from the counter blade (16b) to allow grease to penetrate
- 3 - Position the tip of the grease tube (19) between the blade and counter blade (16a and 16b). Dispense grease.
- 4 - After greasing, position the blade (16a) against the counter blade (16b). Use the key (25) to adjust the tightness of the locking nut (13) until it locks.
- 5 - Tighten screw (11), then verify proper blade tightness using the procedure on page 14.





SAFETY INSTRUCTIONS



For any action not involving cuts, the shear should always remain shut (switch n°1 of the control box should be turned **OFF**) and put aside in the waist coat case.

Attention: As soon as the tool is no longer in use (in storage, being transported, finished charging, etc.), you must unplug the battery cord (21) from the control box (3).

For these operations, the pruning shear must be disconnected.



- When you put the battery waistcoat on or take it off.
- During blade sharpening.
- On blade fitting, removal or greasing.
- When changing the cutting head of the shear
- For all operations or maintenance on the pruning shear
- For all activities other than pruning.

Handle the cutting edge of the blade very carefully during blade removal and adjustment.

Do not try to cut wood that is too thick (maximum diameter 40 mm) or materials other than wood (vines and tree branches only).

When the equipment is in operation, always keep your hands well away from the cutting head.

Never leave your battery for more than 48 hours on maintenance charge.

Do not use the pruning shear if you are tired or feel unwell.

Wear non-slip shoes. For working at a height, use appropriate and adapted resources (ladder, platform, etc.).

Keep the equipment out of the reach of children or visitors. Keep children away from the unit

Do not use the equipment if there is a risk of fire or explosion, for example in the presence of inflammable liquids or gases.

Never carry the charger by the cable, and do not pull on the cable to disconnect it from the socket.

Keep the cable away from heat, oil and sharp edges.



Never let the charger come into contact with water.

Never use the equipment at night or in poor light without setting up additional lighting.

This equipment does not generate any vibration.

When using the equipment, please keep both feet on the ground and keep as well-balanced as possible.

If a cable is defective or damaged, the cable must be replaced with a genuine set by INFACO or an authorized INFACO repair center.

The unit should not be used by any individual incl. children with reduced sensory, intellectual or physical capacity or by any individual who has not received any adequate training and instructions...

In case of a blown fuse, it is important to take the entire unit to Infaco or to an authorized INFACO repair center.

IMPORTANT: For the battery fuse, use the 6,3Amp fuse provided by Infaco.



TERMS OF WARRANTY

1 year warranty on the device (including a 3 year warranty on the gearmotor).

The warranty will only be valid if the form is filled out properly. Should the warranty card not be returned immediately after the purchase of the unit, the warranty start date will be matched with the date the unit will leave the manufacturer.

INFACO SAS waives all responsibility on units sold by distributor more than a year after their date of expedition from the factory in France.

This guarantee corresponds to normal use of the equipment and does not cover:

- damage due to poor maintenance or lack of maintenance.
- damage due to incorrect use.
- damage due to normal wear.
- units that have been dismantled by unauthorized repair agents.
- outside agents (fire, flood, lightning, etc.).
- impact and its consequences.
- units for which the warranty card was not returned at the time of purchase.
- units used with a battery or charger of a make other than ELECTROCOUP.

Under no circumstances may the guarantee give rise to compensation for any immobilisation of the equipment during the time required for repair.

Any repair during the warranty period do not gives any right to a warranty extension .

The warranty covers all work executed by an Authorised Electrocouple Repairer but do not cover any work done by your local distributor.

All work executed by a repairer other than an Authorised Electrocouple Repairer will cancel your warranty.

In the event of a breakdown, we strongly recommend users of Electrocouple equipment to contact the retailer who sold them the equipment, or our after-sales service.

To avoid all disputes, please note the following procedure:

- equipment covered by the guarantee, send to us at your expense and we will return it at our expense.
- equipment not covered by the guarantee but serviced during the previous off-season, send to us at your expense and we will return it at our expense.
- equipment not covered by the guarantee, send to us at your expense and we will return it at your expense, C.O.D.

Annual maintenance service at a fixed rate is offered to you at every end of season to benefit of the extension of warranty to 2 years.

However, we confirm that the battery lifetime is five seasons.

If the battery does not last five seasons, and if the equipment has been serviced, we apply a prorata (*except for F3005 SL which lifespan is 3 seasons*).

Example:

Price of the new battery divided by 5 (lifetime) and multiplied by the number of seasons used.

CHARACTERISTICS



EQUIPMENT FROM FRANCE



Manufacturer : **INFACO S.A.S. - 81140 CAHUZAC-SUR-VÈRE (FRANCE)**

Type : **ELECTROCOUP F3010**

Weight of pruning shear: **830 g**

Weight of battery: **2 400 g**

Weight of wires + wired control box + battery waistcoat: **500 g**

Cutting capacity: **40 mm maximum**

Machine input power: **600 W**

Charger type: **741C1 (741C2 for USA)**

Charger input power: **65 W**

Battery voltage: **48 Volts**

Primary charger voltage: **230 Volts 50 Hz (120 Volts 60 Hz for USA)**

Secondary charger voltage: **56 Volts DC 1A DC Max.**

These characteristics are given as an indication only. Under no circumstances may they be considered as contractually binding.

They are subject to modification without prior notice, in the interests of product development.

Equipment patented.

Technical information or After Sales Service:



COMMENTS

A series of horizontal dotted lines for writing comments.

DÉCLARATION DE CONFORMITÉ CE

DECLARATION OF CONFORMITY (CE)

INFACO s.a.s. déclare que le matériel neuf désigné ci-après :
INFACO S.A.S. declares that the new equipment designated below:

Sécateur portatif électroniquement asservi
Portable pruning shear with electronic control

de marque : *brand name:* **INFACO** - modèle : *model:* **ELECTROCOUP F3010**

N° de série : *Serial no:*

Année de fabrication : *Year of manufacture:*

est conforme aux dispositifs des directives : *complies with the provisions of the directives for :*

- "Machines" (directive 2006/42/CEE)
"Appliances" (directive 2006/42/CEE)
- "Emissions sonores machines utilisées en extérieur" directive 2000/14/CE
(arrêté du 18 mars 2002) modifiée par la 2005/88/CE (arrêté du 22 mai 2006)
Directive 2000/14/EC « on the noise emission by equipment for use outdoors » (order of 18 march 2002) modified by the directive 2005/88/EC (order of 22 may 2006)

ELECTROCOUP F3010

Niveau de pression acoustique pondéré A au poste de travail, LpA
Sond pressure level, LpA

60 dB(A)

- "Chargeurs électriques" (directive 2004/108/CEE) et aux réglementations nationales les transposant.
"Electric chargers" (directive 2004/108/CEE) and with national legislation adapting them.
- La personne autorisée à constituer le dossier technique au sein d'INFACO est M. ALVAREZ Grégory.
The person authorized to compile the technical file within the company INFACO is Mr. Gregory ALVAREZ.

L'appareil est également conforme aux dispositions des directives européennes suivantes :
The equipment also complies with the provisions of the following European directives:

NF EN 61000-3-2

NF EN 61000-4-5

NF EN 550014-2

NF EN 61000-4-2

NF EN 61000-4-6

NF EN 55022

NF EN 61000-4-3

NF EN 61000-4-11

NF EN 55011

NF EN 61000-4-4

NF EN 55014-1

Fait à : CAHUZAC SUR VÈRE
Signed in:

Le : 25/06/2013
Date:

M. DELMAS Daniel, PDG de la Société INFACO
INFACO Managing Director

Signature :
Signature:



INFACO s'engage à fournir aux autorités nationales les informations pertinentes concernant la machine.
INFACO undertakes to provide national authorities with all relevant information concerning the machine.

RETAILER'S SECTION

Section to be kept by the retailer

Serial no : Purchase date : / /

Name : First Name :

Activity :

Address :

.....

Post code : Town :

Tel : Fax :

Mobile : Horticulture

E-mail : Forestry

Comments : Viticulture

..... Landscaping

CLIENT'S SIGNATURE

***To ensure full validity of the warranty, PLEASE RETURN
this sheet, duly completed IN CAPITAL LETTERS, IMMEDIATELY.***

Name : First Name :

Activity :

Address :

.....

Post code : Town :

Tel : Fax :

Mobile : Horticulture

E-mail : Forestry

Serial no : Viticulture

Purchase date : / / Landscaping

Comments :

.....

RETAILER'S STAMP

Forms that are not fully completed or not returned promptly will not be taken into account.

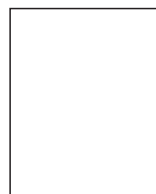
Serial no :

RETAILER

To be kept by the reseller
for his INFACO
Client file



Electronic pruning shear



Electronic pruning shear