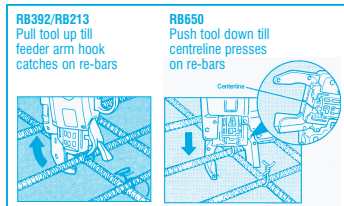




- 7. Insert the tip of the wire into and through the wire guide and into the feed gears. Push the wire through until the tip appears out of the feeder arm, or until the wire stops at the inner edge of the feeder arm.
8. If the wire guide is not visible, clean inside the window with a soft cloth (see cleaning).
9. Press the release catch so the release lever is free to return to its normal position. This allows the feed gears to clamp the tie wire.
10. Remove the tape completely from the new reel!
11. Turn the reel anti clockwise to take up any slack in the tie wire. Make sure the wire is within the reel flanges and not wedged over one side.
12. Insert the battery pack.
13. NOTE. Keep hands clear. When switching on the main switch the tool will immediately initialise.

USING THE RE-BAR TIER

- 1. Wear protective equipment including ear defenders, goggles and gloves.
2. Keep fingers away from the trigger until ready to operate. Set main switch to off, lock the trigger, and remove the battery pack when doing any check, adjustment or wire replacement or when the tool is not in use.
3. Keep the tool clean and dry - keep it free of oil and grease.
4. For best tying results hold the tool at right-angles to the re-bar framework, and rotate it to 45° to the angle formed by the two re-bars being tied.



- 5. Grasp the re-bar tier firmly with one hand while in operation. The twisting action will pull the tool forwards. Use your other hand for support, or to grip the reinforcing bar.
6. Keep hands and body away from the working parts of the tool, and do not allow fingers to be caught between re-bars that are about to be tied.
7. DO NOT put oil or grease on any part of the re-bar tier.
8. Never point the tool at anyone in close proximity; do not touch anyone with the tool. The twisting action of the tool could cause injury or damage.
9. Do not leave the re-bar tier unattended put it somewhere secure.
10. If the tool does not seem to work properly, or works without pressing the trigger, or if the tool smells of burning, do not use it. Switch off the main switch, lock the trigger, and remove the battery pack before contacting the hire company.

CLEANING

- 1. Lock the trigger, switch off and remove the battery before cleaning.
2. Clean the operating parts (wire feed gears, feeder arm and curl bar housing, and wire reel housing) of the tool with either a low-pressure air gun, or a brush, every time the wire reel is changed, or when the tool needs cleaning.
3. Take sensible precautions if using an air gun, keep others away, wear goggles and face mask or use a dust control cabinet.
4. Clean the inside of the window (RB650 just below the curl guide) (RB392 / RB213 on top of the tool in front of the wire reel) with a soft cloth. Close the window again to keep dirt out.
5. (RB392 / RB213 only) clean the sensor inside the reel housing with a soft cloth or a "cotton bud" every time the wire.

AT END OF WORK

- 1. At the end of work, lock the trigger, switch off, remove the battery and the wire reel, then return the tool to its container and store it securely overnight.
2. Please keep leaflet safe until work is finished.

READ ENTIRE LEAFLET BEFORE USING RE-BAR TIER

This leaflet gives safety instruction on the above three models. The RB392 and RB213 are similar, whereas the RB650 is larger than the other two models and has the wire reel magazine beneath the curl guide, in front of the trigger housing. These instructions generally refer to all three models. Where the guidance is specific to one model this will be indicated.



- 1. Read and understand the section INITIALISING THE TOOL before switching on.
2. When charging the batteries remember electricity at 230-volt and even at low voltage can be hazardous and must always be used with great care.
3. The rechargeable batteries in cordless tools may contain toxic chemicals take care.
4. This re-bar tier is designed to tie reinforcing bar (re-bar) into the required framework quickly and easily. Do not use this tool for anything else.
5. In use, this re-bar tier can cause injury or damage if not used in a careful and controlled way, keep fingers and hands clear of the operating parts of the tool.
6. If you have not used a re-bar tier before, familiarise yourself with its controls, then practise using the tool on some scrap re-bar before commencing on the main task.
7. DO NOT allow any unauthorised person, especially children to touch or use this tool.
8. The following items of personal protective equipment are the minimum required: Goggles; Ear muffs or plugs giving protection for levels up to 85 dB(A); Safety boots; Strong canvas gloves; rcd - when using a 230 volt (mains) supply to charge the batteries
9. This tool must not be used by minors, or by anyone under the influence of drugs or alcohol.
10. This re-bar tier is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

WORK AREA

- 1. Do not use this re-bar tier where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that work area is as clear and safe as possible to ensure clear access around the re-bar framework while tying the re-bars together.
3. Check no-one is close by or could cause distraction while working.
4. Protect other people from the possible noise and danger. Warn others to keep away.
5. Do not use this re-bar tier in the rain or allow it to get wet.

OPERATORS

- 1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever using this machine. Particular jobs or environments may require a higher level of protection.
2. Goggles must be worn when working with this machine. Goggles must have side-of-eye protection.
3. This equipment is likely to cause noise levels up to 85 dB(A) - appropriate ear muffs or plugs must be worn giving hearing protection for this level as a minimum.
4. Gloves must be worn to protect hands whilst working with the re-bar tier.
5. A safety helmet may require to be worn. On construction sites a helmet must be worn.
6. Safety boots with good ankle support and rigid sole / instep must be worn.
7. Anyone working close by will also need to wear appropriate personal protective equipment.
8. Ensure a firm footing when operating the tool. (PTO)



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- 1. Place the tool down with the left side facing upward. Turn the magazine cover lock clockwise and open the magazine cover, this exposes the wire reel and the release lever.
2. Press the release lever and ensure it clicks into the release catch. This will unclamp the feed gears so any remaining wire can be cut.
3. Remove the wire reel and any remaining wire, and dispose of it sensibly.
4. Untook and straighten out the first 50mm (2") of wire on the new reel.
5. With the larger diameter of the reel upward and the tip of the wire aimed at the central hole fitting over the spindle, insert the tip of the wire into and through the wire guide and into the feed gears.
6. If the wire guide is not visible, clean inside the window with a soft cloth (see cleaning).
7. If the wire guide is not visible, clean inside the window with a soft cloth (see cleaning).
8. Press the release catch so the release lever is free to return to its normal position. This allows the feed gears to clamp the tie wire.
9. Turn the reel and clockwise to take up any slack in the tie wire.
10. Close the magazine cover and turn the lock anticlockwise to lock it.
11. Insert the battery pack.
12. NOTE. Keep hands clear. When switching on the main switch the tool will immediately initialise.

RB392 / RB213 Press the release lever on the top of the tool, and ensure it is held in by the release catch. This will unclamp the feed gears so that any wire remaining can be extracted.
2. The reel stopper is located on the right side of the tool just above the top of the handle; push it forwards to release the reel.
3. Remove the wire reel and any remaining wire, from the reel holder and dispose of it sensibly.
4. Peel off enough tape to expose 50mm (2") of the wire on the new reel. Stretch and straighten the wire out ready to feed into the wire guide.
5. Locate the new reel into place with the white marks on the reel to the left of the tool and the irregular flange side of the reel fitting against the reel holder.
6. Rotate the reel until one of the four grooves locates into the projection at the back of the knob and inserts the reel until a click is heard. (PTO)

- 1. The twist guide cover is located between the feeder arm and the curl guide. The two halves are sprung loaded to remain in the closed position; they can be opened for inspection / cleaning. If the twist guide cover is open when the tool is used, the twist guide cover will not operate but will emit a 'beeping' sound. Release the trigger and adjust the curl guide to the tool's capacity (to) accommodate larger diameters (RB392 / RB213 only) If the curl guide is opened to exceed (RB392 / RB213 only) If the curl guide is opened to exceed amount of twist on the wire.
2. Turning the torque dial (RB650 / RB392) clockwise, increases the amount of torque applied to the wire being twisted, thus tightening the binding. Too much torque will cause the wire ties to split, as they are pulled too tight. Turn the knob and clockwise to reduce the torque. The RB650 has an auto setting, which may prove satisfactory for most applications.
3. Turning the feed dial (RB213) to a higher number increases the length of the wire that is fed through the tool. Use this dial to lengthen or shorten the wire used to ensure an even amount of twist on the wire.
4. Stand the charger in a safe place; do not cover it with anything that may prevent good ventilation.
5. Plug the residual current device (rcd) into the 230-volt socket. Plug the charger into the rcd. This will help to protect you against electric shock if the cable or charger is faulty.
6. Use the "TEST" button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.
7. The warning lamps and operating instructions printed on the charger will vary depending upon the type of charger. If in doubt contact the hire company.
8. The battery CANNOT be charged while it is still in use in the tool. DO NOT make any attempt to do so. The electrical circuits may overheat and the batteries may explode.
9. Toxic and flammable fumes are produced when charging some types of batteries.
10. Do not attempt to recharge ordinary batteries. They will explode!
11. Take care not to accidentally pull the charger plug from the socket.
12. If the charger cable appears to be cut or damaged in any way, switch off and unplug the charger at the mains before inspecting it. If the cable is damaged, stop using the charger. Contact the hire company.
1. Use only the wire reels supplied, or recommended by the hire company.
2. Before changing the wire reel - lock the trigger - switch off the battery pack.
- remove the battery pack.

REPLACING WIRE REELS

- 1. This is a precision tool; do not drop it on the ground, or allow it to get wet or muddy.
2. Always store the tool with the trigger locked, the main switch OFF and the battery removed.
3. Check there are no screws working loose or excess dust in the working parts and no small bits of wire jammed in the tool.
4. Check the reels of wire, batteries and the charging unit - if anything is found damaged, do not use the re-bar tier - contact the hire company.
5. This tool MUST NOT be oiled or lubricated in any way.
6. Check on how all the controls work - you must know what action to take if something goes wrong.
7. The main switch is located on top of the body of the tool on all three models. The small i.e.d. just behind the main switch illuminates when main switch is on.
8. Always switch off when tool is open and when cleaning.
9. Each time the main switch is switched ON (e.g. at start of work, or after a new reel of wire is fitted), the tool will initialise itself, keep hands clear, ensure the piece of scrap wire is removed with pliers prior to unlocking the trigger to commence work.
10. During use, if the end of the wire becomes damaged and DO NOT use this initialising procedure.
11. DO NOT switch the main switch on and off in rapid succession, the tool will try to initialise each time and jam up.
12. The trigger lock is located on the left side of the tool just behind the trigger, there is only a slight resistance to unlock the trigger, slide the switch forward slightly. To switch downwards, there is only a slight resistance. The trigger can easily be locked simply by operating the Metal Hydride batteries when only part discharged, they develop a "memory effect" and only partly recharge. Do not throw away old or leaking batteries - return them to the hire company.
13. A good fully charged battery will last for 350 to 400 tying operations.
1. There is a control knob located on top of all three models just behind the main switch. On the RB650 and the RB392 it is a torque dial. On the RB213 it is a feed dial.
2. Turning the torque dial (RB650 / RB392) clockwise, increases the amount of torque applied to the wire being twisted, thus tightening the binding. Too much torque will cause the wire ties to split, as they are pulled too tight. Turn the knob and clockwise to reduce the torque. The RB650 has an auto setting, which may prove satisfactory for most applications.
3. Turning the feed dial (RB213) to a higher number increases the length of the wire that is fed through the tool. Use this dial to lengthen or shorten the wire used to ensure an even amount of twist on the wire.
4. Stand the charger in a safe place; do not cover it with anything that may prevent good ventilation.
5. Plug the residual current device (rcd) into the 230-volt socket. Plug the charger into the rcd. This will help to protect you against electric shock if the cable or charger is faulty.
6. Use the "TEST" button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.
7. The warning lamps and operating instructions printed on the charger will vary depending upon the type of charger. If in doubt contact the hire company.
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9. Toxic and flammable fumes are produced when charging some types of batteries.
10. Do not attempt to recharge ordinary batteries. They will explode!
11. Take care not to accidentally pull the charger plug from the socket.
12. If the charger cable appears to be cut or damaged in any way, switch off and unplug the charger at the mains before inspecting it. If the cable is damaged, stop using the charger. Contact the hire company.

BATTERY

TWIST GUIDE COVER (RB650 only)

CURL GUIDE

MAIN SWITCH

RE-BAR TIER

INITIALISING THE TOOL (resetting the tool).