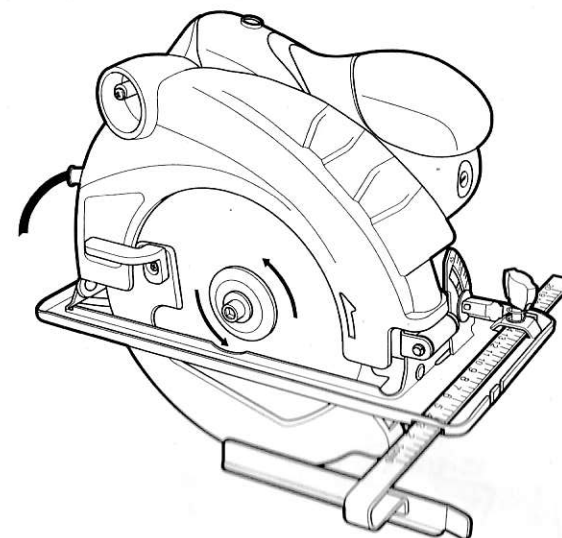




1400W Laser Circular Saw



PCS1400LA

Barcode: 5052931039708

Original Instructions_MNL_PCS1400LA_V05_130617

BP-0782

Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



Getting started

03

Before you start
Safety

03

06

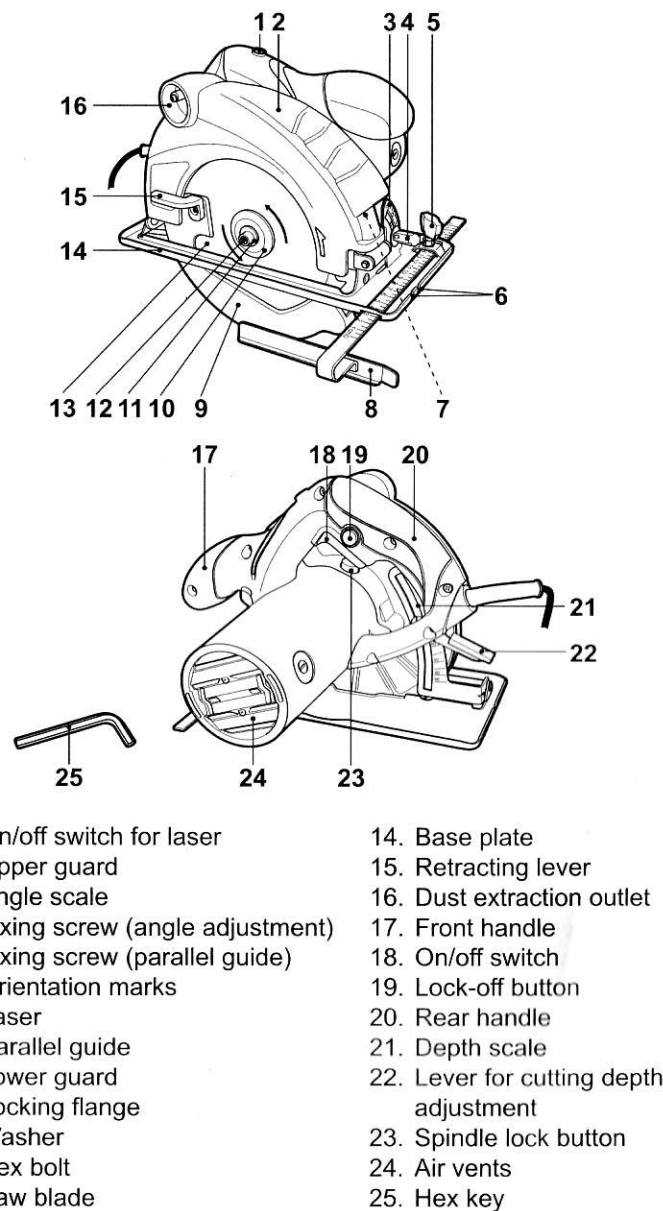


In more detail

07

Product functions	08
Operation	11
Care and maintenance	15
Trouble shooting	20
Recycling and disposal	21
Technical and legal information	22
Guarantee	32
EC declaration of conformity	33

Your product



- | | |
|------------------------------------|--|
| 1. On/off switch for laser | 14. Base plate |
| 2. Upper guard | 15. Retracting lever |
| 3. Angle scale | 16. Dust extraction outlet |
| 4. Fixing screw (angle adjustment) | 17. Front handle |
| 5. Fixing screw (parallel guide) | 18. On/off switch |
| 6. Orientation marks | 19. Lock-off button |
| 7. Laser | 20. Rear handle |
| 8. Parallel guide | 21. Depth scale |
| 9. Lower guard | 22. Lever for cutting depth adjustment |
| 10. Locking flange | 23. Spindle lock button |
| 11. Washer | 24. Air vents |
| 12. Hex bolt | 25. Hex key |
| 13. Saw blade | |

Unpack

- > Unpack all parts and lay them on a flat, stable surface.
- > Remove all packing materials and shipping devices if applicable.
- > Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- > Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

You will need

(items not supplied)

Suitable personal protective equipment

Parallel guide

Attach the parallel guide from the right side to perform cuts parallel to the workpiece edges.

- > Loosen the fixing screw (5) anticlockwise.
- > Align the parallel guide (8) to the support and insert it (Fig. 1).
- > Use the scale to adjust the desired width.
- > Fix the parallel guide (8) in position turning the fixing screw (5) clockwise.

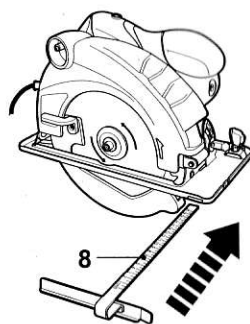


Fig. 1

Dust extraction



WARNING! Always attach a dust extraction device when using this product in order to keep the working area clean! Wear a dust mask when operating this product! Dust can be harmful to health! Especially dust and chips of wood that has been treated, e.g. with wood preservative or a stain!

- > Attach a proper dust extraction device, e.g. a suitable vacuum cleaner, to the dust extraction outlet (16) (Fig. 2).

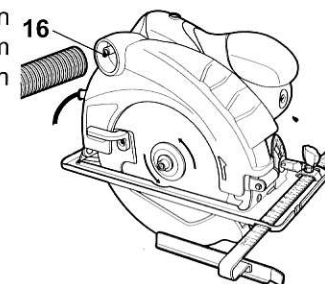


Fig. 2

Connection to the power supply

- > Make sure the on/off switch (18) is in its off position.
- > Connect the plug with a suitable socket.



WARNING! Check the voltage! The voltage must comply with the information on the rating label!

- > Your product is now ready to be used.

Check that you have noted all the following instructions:

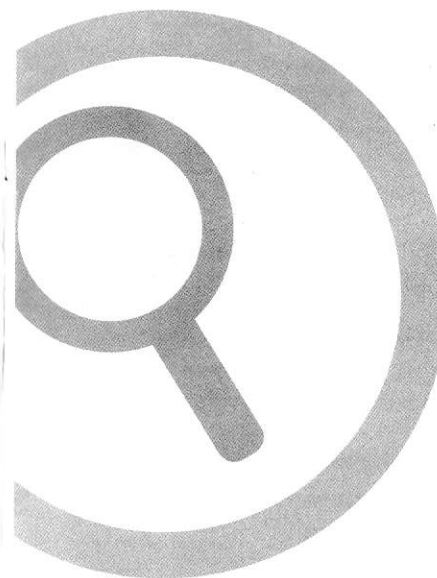
- ☒ Before starting you must have fully read and understood the entire instruction manual.
- ☒ Working with this product is demanding; therefore ensure you are physically and mentally fit to complete the job safely.
- ☒ Ensure that you have all the accessories and tools needed for assembly and operation.
- ☒ Make sure that you wear suitable personal protective equipment.
- ☒ Ensure that no unauthorised people, especially children, and pets are nearby or could enter the working area.



- ☒ Ensure that the product is free from damage and that it is not worn.
- ☒ Make sure that safety devices and accessories are correctly fixed.
- ☒ Undertake periodic structural checks of this product; do not use it if you have any doubts about its suitability for its intended purpose.
- ☒ Double check that all assembly tools have been removed from the product before use.

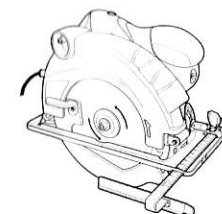


WARNING! For your own and the safety of other people you must read and follow the safety instructions in section "In more detail – Technical and legal information – Safety warnings".



In more detail...

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Intended use

This circular saw PCS1400LA is designated with a rated input of 1400 Watts.

This product is intended for straight cuts in wood and similar material e.g. MDF and chipboard, with the installed blade. The product must not be used for cutting logs.

The product must be used in an upright position only with the base plate laying flat on the workpiece. It may not be used upside down or as stationary product on a work bench. The built-in laser provides assistance with marked cutting lines.

The supplied saw blade is only suitable for cutting wood and must not be used on other materials.

This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

Depth adjustment



WARNING! Always switch the product off, disconnect it from power supply before making any adjustments! Always use the correct blade depth setting! The correct blade depth setting for all cuts should not be more than a full tooth of the blade teeth below the material being cut!

Adjust the cutting depth according to your needs.

- > Place the product on a flat surface and ensure its safe position.
- > Loosen the lever (22) and lift the housing to desired depth. Use the depth scale (21) as orientation (Fig. 3).

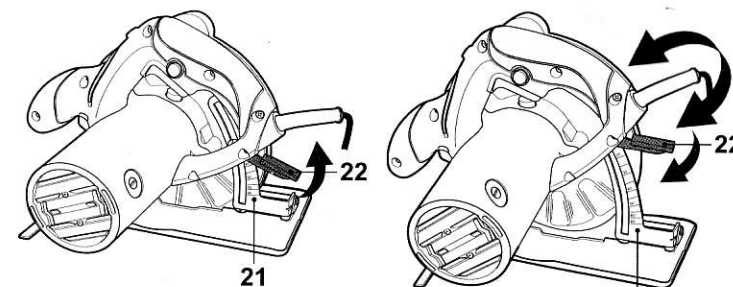


Fig. 3

Fig. 4

- > Tighten the lever to secure the cutting height (Fig. 4).



NOTE: The values shown on the depth scale are only valid for cutting 90°/0° cuts! For bevel cuts the cutting angle will be smaller than indicated.

Angle adjustment



WARNING! Always switch the product off, disconnect it from power supply before making any adjustments!

Adjust the cutting angle according to your needs.

- > Place the product on a flat surface.
- > Loosen the fixing screw (4) and tilt the housing to the desired angle. Use the angle scale (3) as a guide (Fig. 5).

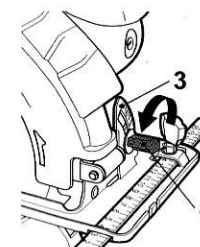


Fig. 5

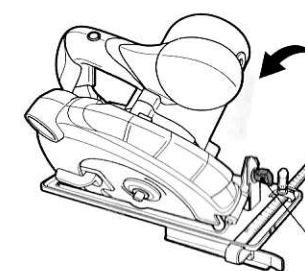


Fig. 6

- > Tighten the fixing screw (4) to secure the angle selected (Fig. 6).

On/off switch

- > Press the lock-off button (19) and hold it in position.
- > Press the on/off switch (18) to switch the product on (Fig. 7).
- > Release the on/off switch (18) to switch the product off.

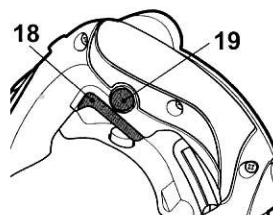


Fig. 7

Laser

Use the laser as a guide when cutting on marked lines.

- > Switch the laser on by pressing the on/off switch (1) (Fig. 8).
- > Switch the laser off by pressing the on/off switch (1) again.

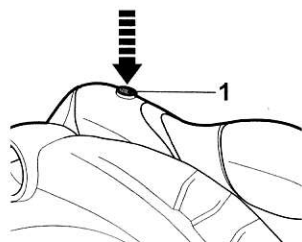


Fig. 8



WARNING! Do not stare into the beam, class 2 laser product!

General operation

- > Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
- > Double check that the accessories are properly fixed.
- > Always hold the product on its handles. Keep the handles dry to ensure safe support.
- > Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
- > Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
- > Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

Cutting

General cutting



WARNING! During operation fine dust will be generated! Some dusts are highly inflammable and explosive! Do not smoke during operation, keep heat sources and open flames out of the working area!



Always use a dust extraction system and wear a dust mask to protect yourself against hazards resulting from fine dust!

- > Cut in the direction of the wood grain whenever possible to avoid jamming the saw blade (13) and fraying edges.
- > Take the cutting edge into consideration when cutting along marked cutting lines. Do not cut directly on the line but next to it.

Cutting

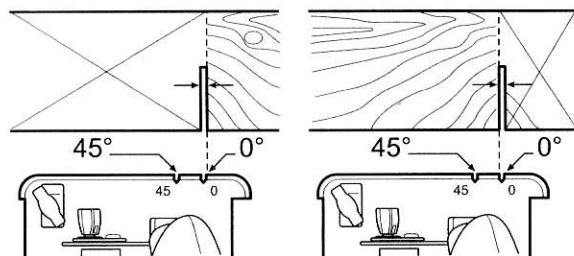


Fig. 9

- > Ensure the workpiece is free of obstacles like nails or screws before operation. Remove them if required.
- > Check that there is sufficient clearance for the saw blade (13) under the workpiece.
- > Hold the product with one hand on the front handle (17), and with the other hand on rear handle (20). Never try to operate the product with only one hand! Keep your hands away from under the workpiece (Fig. 10).
- > Switch the product on and wait until it runs at full speed before placing it on the workpiece.
- > Carefully lead the product to the workpiece. Place the front of base plate (14) flat on the workpiece and push the product forward at an even speed.

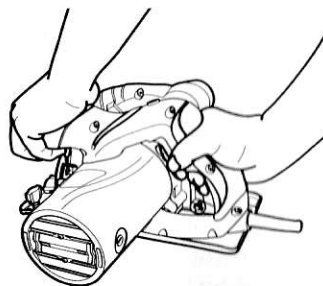


Fig. 10



WARNING! Always ensure the base plate lays flat on the workpiece during operation! Do not try to make cuts with the product only held by hand!

- > Only apply as much pressure as necessary to keep the product flat on the workpiece. Higher pressure will not increase but lower the performance of the product and leads to uneven results.
- > Keep the product moving at all times, do not stop in one position to avoid grooves.
- > Lift the product from the workpiece before switching it off.
- > Switch the product off, let it come to a complete stop and disconnect it from the power supply if the saw blade (13) gets stuck in the workpiece. Only then free the jammed blade.

Parallel cutting

- > Attach the parallel guide (8) to the product as described above and adjust to the desired width.
- > Switch the product on and wait until it runs at full speed before placing it on the workpiece.
- > Place the product laterally to the workpiece and guide the product along the edge (Fig. 11).

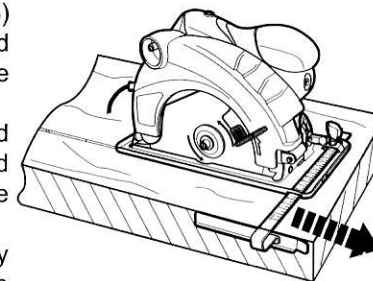


Fig. 11



NOTE: Apply light pressure against the workpiece and move the product along the edge to achieve an even result.

Bevel cutting

- > Adjust the required cutting angle; ensure the lever (4) is properly tightened.
- > Switch the product on and wait until it runs at full speed before placing it on the workpiece.
- > Place the base plate (14) flat on the workpiece and push the product forward at an even speed (Fig. 12).

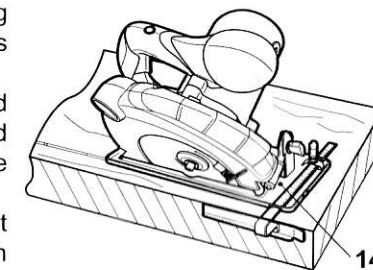


Fig. 12

Cutting

Laser

- > Mark the cutting line on the workpiece.
- > Switch the product on and wait until it runs at full speed.
- > Place the base plate (14) flat on the workpiece and switch the laser on.
- > Align the laser beam with the marked cutting line and move the product forward with even speed.



WARNING! Switch the laser off after each cut, before placing the product down and after operation to avoid deliberately staring into the beam!

After use

- > Switch the product off, disconnect it from the power supply and let it cool down.
- > Check, clean and store the product as described below.

The golden rules for care



WARNING! Always switch the product off, disconnect it from power supply and let the product cool down before performing inspection, maintenance and cleaning work!

- > Keep the product clean. Remove debris from it after each use and before storage.
- > Regular and proper cleaning will help ensure safe use and prolong the life of the product.
- > Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.



WARNING! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

General cleaning

- > Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
- > In particular clean the air vents (24) after every use with a cloth and brush.
- > Remove stubborn dirt with high pressure air (max. 3 bar).



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

- > Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.

Saw blade

Notes

- > Check the saw blade before every use for damage and wear. Replace it with a new one if required.
- > Only use a saw blade that is suitable for the intended application.
- > Do not use any abrasive wheels.

Replacing



WARNING! Always use the correct saw blade according to the intended use!



Observe the technical requirements of this product (see section Technical specifications) when purchasing and using saw blades!

Saw blades are very sharp and become hot during use! Handle them carefully! Wear safety gloves when handling saw blades in order to avoid injuries like burns and cuts!



WARNING! Never press the spindle lock button (23) whilst the spindle is rotating!

- > Place the product on a flat stable surface.
- > Lock the spindle by pressing the spindle lock button (23) and loosen the hex bolt (12) anticlockwise with the hex key (25) (Fig. 13).
- > Remove the hex bolt (12), washer (11) and locking flange (10) from the spindle.
- > Open the lower guard (9) completely by moving the retracting lever (15) forward and hold it in position while removing the saw blade (13) from the spindle (Fig. 14).

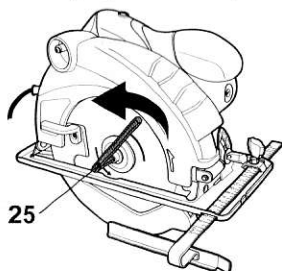


Fig. 13

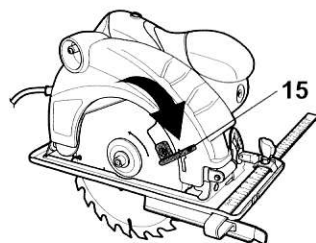


Fig. 14

- > Put the saw blade (13) aside and carefully move the retracting lever (15) back to its initial position to close the lower guard (9).
- > Clean the hex bolt (12), washer (11), locking flange (10) as well as the spindle and inside from dust.
- > Open the lower guard (9) completely by moving the retracting lever (15) forward and hold it in position while placing a new saw blade on the spindle. Ensure that the rotational direction indicated on the saw blade is the same as the one shown on the housing (Fig. 15, detail).
- > Carefully move the retracting lever (15) back to its initial position to close the lower guard (9).
- > Secure the saw blade (13) with the locking flange (10), washer (11) and hex bolt (12). Tighten the hex bolt clockwise (Fig. 15).

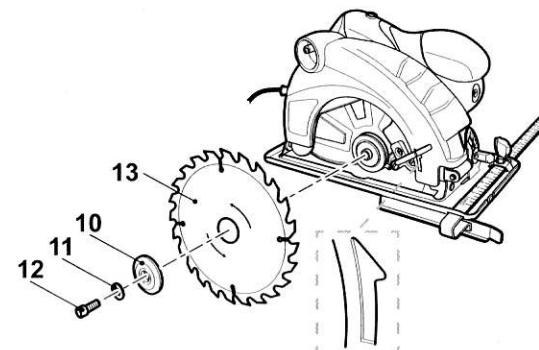


Fig. 15

- > Turn the blade by hand to test if it is rotating smoothly. The blade should not flutter.
- > Switch the product on and let it run idle for about one minute, to confirm that the saw blade (13) has been installed properly. If you find any abnormal vibration or excessive noise switch the product off and re-fit the saw blade according to the above instructions.

Power cord

- > If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.

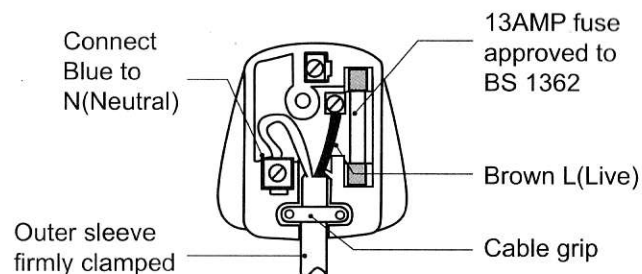
UK plug

If you need to replace the fitted plug, then follow the instructions below.

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Blue – Neutral Brown – Live

As the colours of the wire in the mains lead of this product may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows. The wire, which is coloured blue, must be connected to the terminal, which is marked with N or coloured black. The wire, which is coloured brown, must be connected to the terminal, which is marked L or coloured red.



WARNING! Never connect live or neutral wires to the earth terminal of the plug.

Only fit an approved 13 Amp BS 1363 or BS 1363/A plug and the correctly rated fuse.

If in doubt, consult a qualified electrician.



NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.

Repair

- > This product does not contain any parts that can be repaired by the consumer. Contact a qualified specialist to have it checked and repaired.

Storage

- > Clean the product as described above.
- > Store the product and its accessories in a dry, frost-free place.
- > Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30°C.
- > We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

Transportation

- > Switch the product off and disconnect it from power supply before transporting it anywhere.
- > Attach transportation guards, if applicable.
- > Always carry the product on its handles.
- > Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- > Secure the product to prevent it from slipping or falling over.

Trouble shooting

Suspected malfunctions are often due to causes that the user can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

Problem	Possible cause	Solution
1. Product does not start	1.1 Not connected to power supply	1.1 Connect to power supply
	1.2 Power cord or plug is defective	1.2 Check by a specialist electrician
	1.3 Other electrical defect to the product	1.3 Check by a specialist electrician
	1.4 Lock-off button not pressed	1.4 Press lock-off button first, then the on/off switch
2. Product does not reach full power	2.1 Extension cord not suitable for operation with this product	2.1 Use a proper extension cord
	2.2 Power source (e.g. generator) has too low voltage	2.2 Connect to another power source
	2.3 Air vents are blocked	2.3 Clean the air vents
3. Unsatisfactory result	3.1 Saw blade is worn	3.1 Replace with a new one
	3.2 Saw blade not suitable for workpiece material	3.2 Use proper saw blade

Recycling and disposal



> Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.