

CRL C.R. LAURENCE CO., INC.

Detail Belt Sander

Set Up and Operating Instructions

CAT. NO. LD1218



**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL**



Care for the environment!
Tool must not be discarded with household waste!
This product contains electrical or electronic components that should be recycled. Leave the product for recycling at the designated station e.g. the local authority's recycling station.

Subject to printing errors and design changes over which we have no control. In the event of problems please contact our Customer Service Department.

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AVDB3034_01/12

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SAFETY INSTRUCTIONS

Read these Operating Instructions carefully before use!

- Never leave the machine unattended when children are present. Keep children away from the machine.
- Check that the electrical voltage corresponds with the rated voltage for the tool.
- Never use the tool if it shows signs of damage.
- Do not tie knots in the power cord.
- Always check that the power cord is in perfect condition. Risk of potentially fatal electric shock.
- Never use the machine if it has been dropped on the floor or is damaged or if the power cord and/or plug are damaged.
- The machine is intended for temporary use only.
- Always wear gloves and eye protection.
- Never expose the machine to rain or moisture. Store in a dry place.
- Never leave the machine unattended.
- Do not use in the vicinity of flammable or explosive substances or gases.
- Only use original accessories and spare parts from the manufacturer.
- Do not wear loose-fitting clothing or jewelry. Wear non-slip shoes and use a hair net if you have long hair. Make sure you have a firm footing when working.
- Never use the machine in a wet environment or in areas with a high humidity level (bathrooms, saunas, etc.). Do not immerse any part of the machine in water. Risk of electric shock.
- The power cord must only be replaced by the supplier.
- Secure the workpiece before working on it.
- Never work on pieces that are too small to be secured.
- Always maintain a firm grip when operation the machine to ensure proper control.
- Wear a breathing mask and ear protection when using the machine.
- Check that the workplace is always clean.
- Wear eye protection when working.
- Never use the machine if you are tired or under the influence of drugs, alcohol or medication.
- Always make sure the tool is switched off before connecting it to electrical outlet.
- The machine must never be modified or converted.

Symbols



Always wear eye and ear protection.



General warning.
Danger of death.



Read the operating instructions carefully before use.



Always wear protective gloves when working with metal parts.

Replacement Parts List:

Cat. No.	Description
LD1218MB	Motor Brushes
LD1218SW	Power Switch
LD1218LGB13	Long Guide Bar, 1/2" Belt
LD1218AGB13	Angle Guide Bar, 1/2" Belt
LD1218NLG	Narrow Long Guide, 3/8" Belt

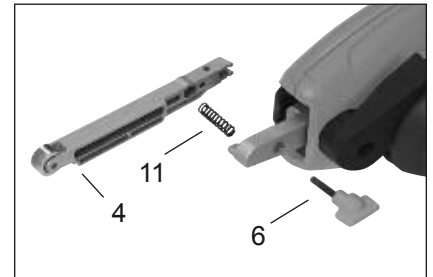
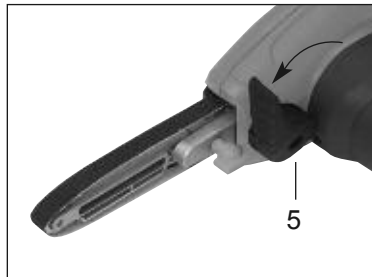
Electrical Specifications:

LD1218	110V, 60 Hz, 3.4 Amp
LD1218EU	220V, 50 Hz, 400 w
LD1218AU	240V, 50 Hz, 400 w

ASSEMBLY

Dismantling Sanding Arm

1. Set the control for belt tensioning (5) in the forward position.
2. Remove the belt tensioning screw (6).
3. Remove the spring (11).

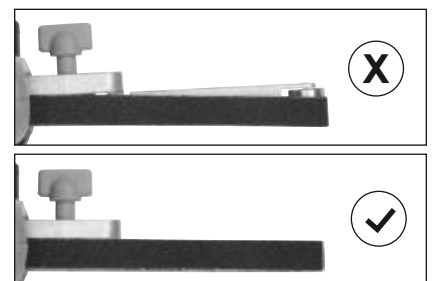
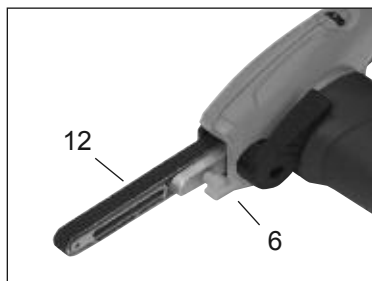
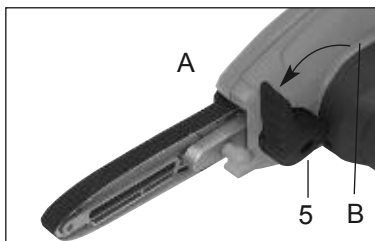
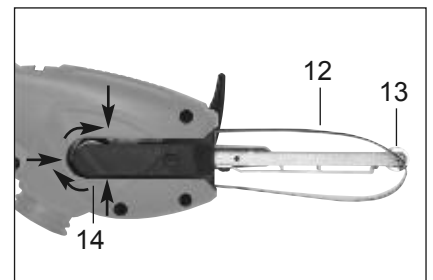
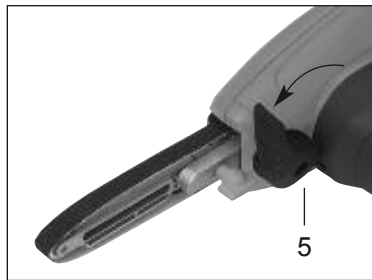


Installing Sanding Arm

1. Install the spring (11).
2. Install the sanding arm (4).
3. Install the belt tensioning screw (6) and tighten until the sanding arm is aligned with the machine.

Installing Sanding Belt

1. Set the control for belt tensioning (5) in the forward position.
2. Remove the old belt.
3. Install the new belt (12) as illustrated. Place the belt over the rollers (13) and (14), and in the groove in the housing.
4. Set the control for belt tensioning (5) in the rear position.



Adjustment of Tracking

Start the machine and turn the knob (6) until the belt (12) is straight.

Dust Bag

WARNING

Never use the dust bag when sanding metal. Fire hazard.

Installing:

Close the clamp on the bag and push the bag onto the machine until it snaps into position, then release the clamp.

Dismantling:

Close the clamp on the bag and pull the bag off the machine. Release the clamp and empty the bag.



OPERATION

Starting and Adjusting

Release the trigger lock (2) and press the trigger (1) to start the machine.

Set the speed to suit the sanding work. A basic rule is to use a low speed when sanding with a fine grain size and when sanding on hard materials. Operate at higher speeds when using coarse belts and for deeper sanding.

Angle Arm (A)

Use the angle arm when sanding objects as illustrated here.

Straight Arm (B)

Use the straight arm when sanding straight objects as illustrated here.

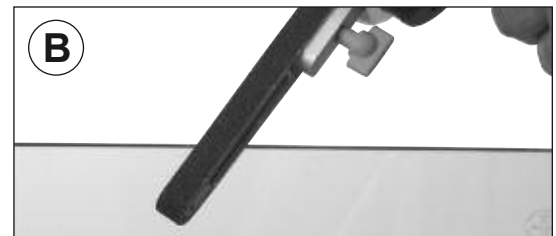
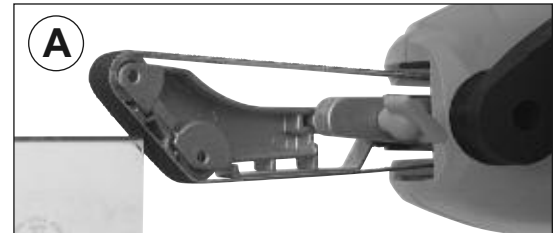
Narrow Arm (C)

Use the narrow arm when sanding finer pieces.

Advice When Sanding

Always hold the machine with both hands.

- Do not press too hard.
- Check the sanding belt regularly and replace if necessary.



MAINTENANCE

WARNING!

- The machine must never be connected to an electrical outlet when performing maintenance.

Brushes

The brushes must be checked regularly. Considerable spark formation occurs when these become worn. This rapidly wears the collector and reduces the output power.

Cleaning

WARNING!

Wear respiratory protection when blow cleaning.

- The best way to clean the machine is by blow cleaning with compressed air.
- Never clean the machine with chemicals.
- Never insert objects through the openings.



CAT. NO.
LD1218MB