



**CORE VAC  
OPERATORS MANUAL**

**MODEL  
CV353B**

JULY 2019

# CORE VAC CV353B



**WARNING: Failure to follow instructions may result in death or serious injury**



## GENERAL VACUUM SAFETY WARNINGS



**WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**



### General Vacuum Safety Warnings - Work Area Safety

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. **Make sure the assembly area is firm,** so the vacuum does not tip.
- c. **Do not operate vacuums in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
- d. **Risk of pinching when handling toggle fasteners.**



### General Vacuum Safety Warnings - Electrical Safety

- a. **Improper connection of the equipment grounding conductor can result in a risk of electrical shock.** Do not modify the plug, have the correct plug installed by a qualified electrician.
- b. **Connect to a properly grounded outlet only.**
- c. **Before using the machine, make sure the power and voltage corresponds with the voltage shown on the machines rating plate.**
- d. **Do not leave machine when plugged in.** Unplug cord when not in use and before servicing/cleaning the machine.
- e. **Do not use with damaged cord or plug. If the machine is not working, has been dropped, damaged, left outdoors, or dropped in water, make sure it is repaired by a qualified person.**
- f. **Do not unplug by pulling the cord,** to unplug, grasp the plug.
- g. **Do not handle plug with wet hands.**
- h. **Regularly inspect cord,** if damaged, the cord must be replaced by a qualified personnel.
- i. **Turn off all controls before unplugging.**
- j. **If using an extension cord, make sure the cord rating is suitable for this machine.**
- k. **Do not expose machine to rain or moisture.** Store indoors only.



### General Vacuum Warnings - Personal Safety

- a. **Stay alert, watch what you are doing and use common sense when operating a vacuum. Do not use a vacuum while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating vacuums may result in serious personal injury.
- b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. **Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.**
- d. **Do not use without dust bag and filters in place.** Replace as described in manual.
- e. **Do not pick up anything that is burning,** such as cigarettes, matches or hot ashes.
- f. **Do not pick up combustible liquids,** such as gasoline.

### 3. HOW TO DISASSEMBLE MACHINE



1. Undo Hook Band



2. lift the head of a vacuum cleaner



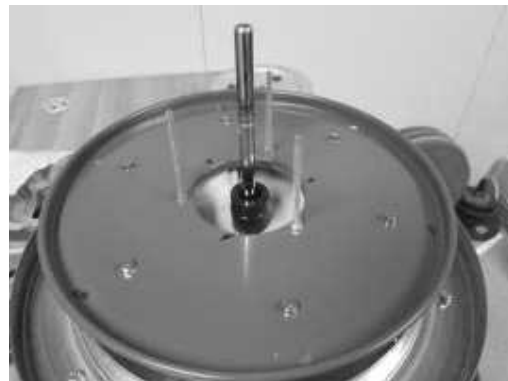
3. prepare the motor for replacement.



4. Remove the reference main filter and loosen the net



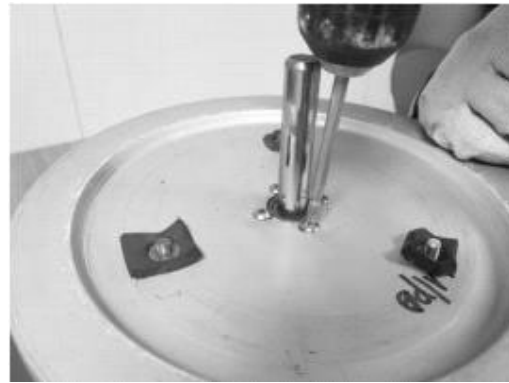
5. Undo shake bar



6. loosen the bolt of the hepa filter



7. Remove hepa filter



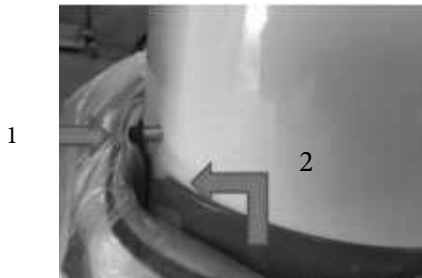
8. after replacement, assembly is reversed.



\* Never lie down



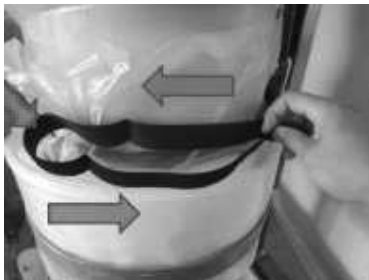
#### 4, HOW TO CHANGE CONTINUOUS LONGGO PAC?



- ① When replacing the continuous longgopac, align the longo pack holder with the hook( 1 arrow) on the body, fit the hook onto the shape (in the direction of the 2 arrow) and fix it.



- ② Body side of longgo pac up as the direction of the arrow.



- ③ Attach the Velcro by hanging the marked ring.



- ④ Pull down outside



- ⑤ Use zip tie

## 6. PROBLEM SOLVING

**The dust extractors are designed and manufactured for severe environments and tasks, but the user must note that the machine must be protected from impacts and blows. Filter, seals, attachments, and connections are carefully adapted and selected with regard to the operator's work environment. Therefore, the operator and service personnel must treat the machine with care in order for it to work correctly for many years.**

Issue	Cause	Solution
Motor doesn't start	No power	Plug in machine
	Cable defect	Replace cable
	Switch defect	Replace switch
	Soft start defect	Replace soft start
Motor stops immediately after starting	Wrong fuse	Connect to correct fuse
	Short in cable/machine	Order service
	Hose not connected	Connect hose
Motor runs but there is no suction	Hose clogged/blocked	Clean hose
	No dust bag	Fit dust filter system
Motor runs but poor suction	Hole in hose	Replace hose
	Filter clogged	Clean filter/Replace filter
	Loose top cover	Adjust
	Defective gaskets	Replace affected gaskets
dust blown from motor	Misassembled or damaged filter system	Adjust/Replace filters
Abnormal noise		Other service

## **EQUIPMENT AND PARTS WARRANTY**

Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of 90 Days from the date of shipment to Customer. The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such parts, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer. In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

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