# Technical documentation for Eco-design

**Product :** Vacuum Cleaner

**Model :** VC5506*****
VC5406*****

LG Electronics

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# Part 1. General information

## 1. Product

- Product name : Vacuum cleaner
- Model name : **VC5506*****, VC5406*****




## 2. Explanation of series (or derivation) model of the same product

This technical documentation covers series (or derivation) model [VC5506*****, VC5406*****] which has same conceptual design and manufacturing drawing and the series (or derivation) model have same high risk parts and applications exempted under RoHS.

[VC5506*****, VC5406*****]

- The 1st suffix “*” may vary from A to Z to denote the unique sales points.
- The 2nd suffix “*” may vary A to Z including blank to denote the type of control.
- The 3rd suffix “*” may vary A to Z including blank to denote the type of extension wand.
- The 4th suffix “*” may vary A to Z including blank to denote the type of first additional nozzle.
- The 5th suffix “*” may vary A to Z including blank to denote color of enclosure.3.

## 3. Manufacturer

- Company name : LG Electronics Inc.
- Address : LG Twin Towers, 128 Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Korea

- Company name : LG Electronics Vietnam Hai Phong Co., Ltd.
- Address : Lot CN2, Trang Due Industrial Park, Le Loi Commune, An Duong District, Hai Phong City, 184800, Vietnam

## 4. Information on technical documentation

- Issued date (DD/MM/YYYY) : 27/10/2023
- Revision number (if applicable) : 1.1
- Written by : Nguyen Ngoc Thanh
- Reviewed by : Bui Cong Cuong

# Part 2. Information relevant for non-destructive disassembly for maintenance purposes and for dismantling, recycling, recovery and disposal at end-of-life

## 1. Disassembly, assembly and repairing policy

When separating pre-separated parts and materials from the product, they can be separated using only ordinary tools. Designed in consideration of the minimization of the type of fastening to increase fastening to facilitate disassembly and dismantling.

## 2. How to disassemble/dismantle parts

2.1 Method for disassembling the cover of the main unit



(1) Slide lever and hold the tank handle, then grasp the tank's handle to raise tank assembly from the body main unit



(2) Remove pre-Filter assembly from the main unit




(3) Remove the exhaust filter



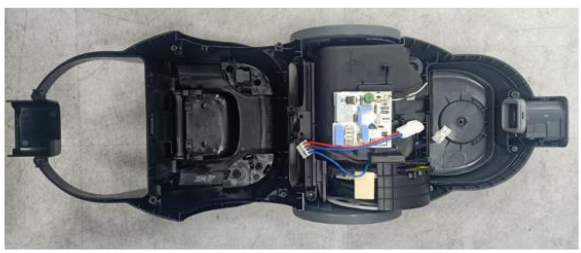
(4) Loosen the screws in the base of the main unit (with TPL4x20:4 pieces, ⊕ type driver)



(5) Loosen the screws in the body cover of the main unit (with TPL4x16:2 pieces, ⊕ type driver)



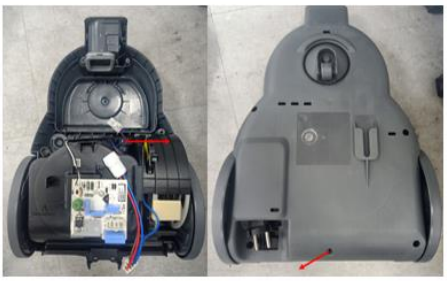
(6) Lift the cover assembly of the main unit



(7) Disconnect the receptacle which connects cord reel and cover assembly. Then disconnect the receptacle which connects cord reel and motor housing assembly.

## 2. How to disassemble/dismantle parts

2.2 Method for disassembling cord reel / motor housing assembly



(1) Loosen the screws fixing the motor housing



(2) Lift the motor housing assembly



(3) Lift the cord reel housing assembly

2.3 Replacement of motor



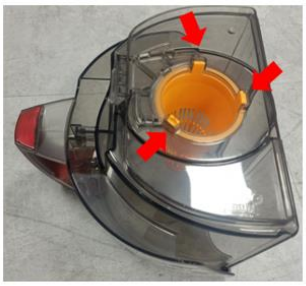

(1) Disassembly the motor assembly as show in the figure (with TPL4x20:1 pieces and TPL4x16:1 pieces, ⊕ type driver)
(2) For re-assembly after disassembly the motor cover, do so in the reverse sequence and insert the parking seal, motor and motor mount packing from drop out (which may reduce the suction force)

## 2. How to disassemble/dismantle parts

2.3 Method for disassembling tank assembly



(1) Please push the hook behind the tank, then open the tank



(2) Push the hook on the bottom of tank to disassemble the inner strainer



(3) Remove the inner strainer

2.4 Method for disassembling release bottom assembly



(1) Please use ⊖ screws driver to disassemble two hook (as above pictures)




(2) Please push two ⊖ screws driver into two small holes under release bottom (as above picture)
And then push two hooks to take out the release bottom.

## 3. Recycle policy information

- Product

Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.

You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point. For the most up to date information for your country please see www.lg.com/global/recycling

- Battery

All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.

For more detailed information about disposal of your old batteries/ accumulators, please contact your city office, waste disposal service or the shop where you purchased the product. (http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe)