



## **SERVICE MANUAL**

# **VACCUM CLEANER**

**Model : RC-320B**



# 1. SPECIFICATIONS

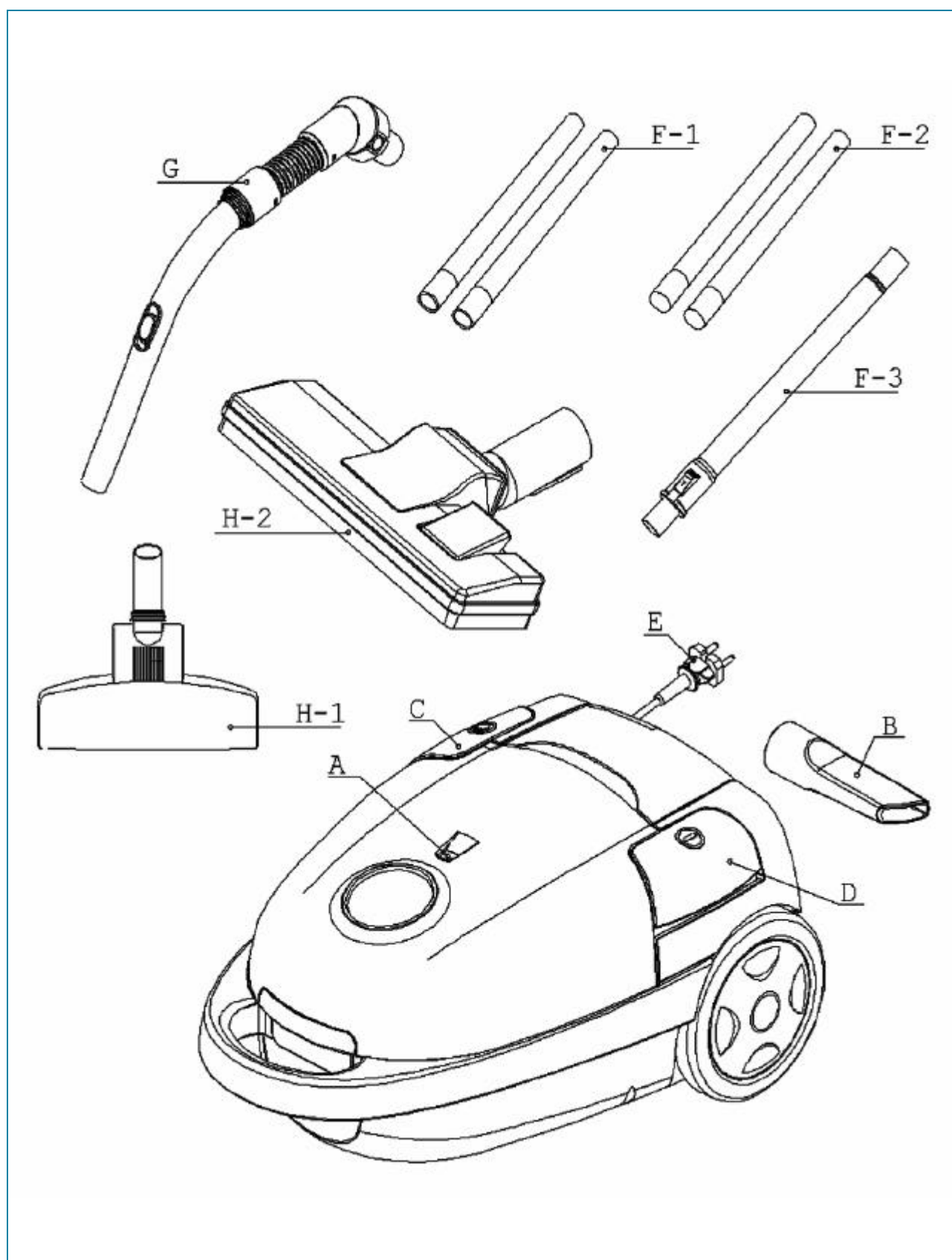
|                  |  |                  |  |
|------------------|--|------------------|--|
| Model            |  | RC-320B          |  |
| Rated Voltage    |  | AC 230V          |  |
| Frequency        |  | 50/60Hz          |  |
| Input Watt       |  | MAX 1300W        |  |
| Weight(Body)     |  | 3.8Kg            |  |
| Dimension(LXHXD) |  | 446X217X284mm    |  |
| Cord Length      |  | 5m               |  |
| Power Control    |  | Body Variable    |  |
| Dust Meter       |  | Mechanical       |  |
| Hose             |  | Non-Current 1.5m |  |
| Extension Pipe   |  | 2 Pieces         |  |
|                  |  | Steels           |  |
| Nozzle           |  | Clean Brush      |  |
|                  |  | Crevice Tool     |  |

## 2. EXTERNAL VIEWS

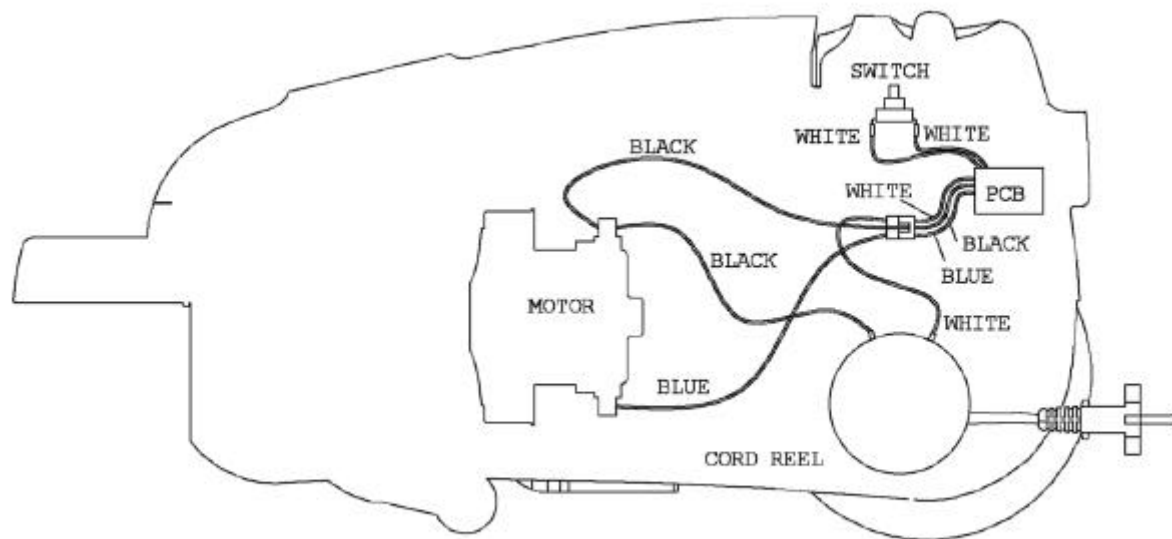
### 2-1 ASSEMBLY

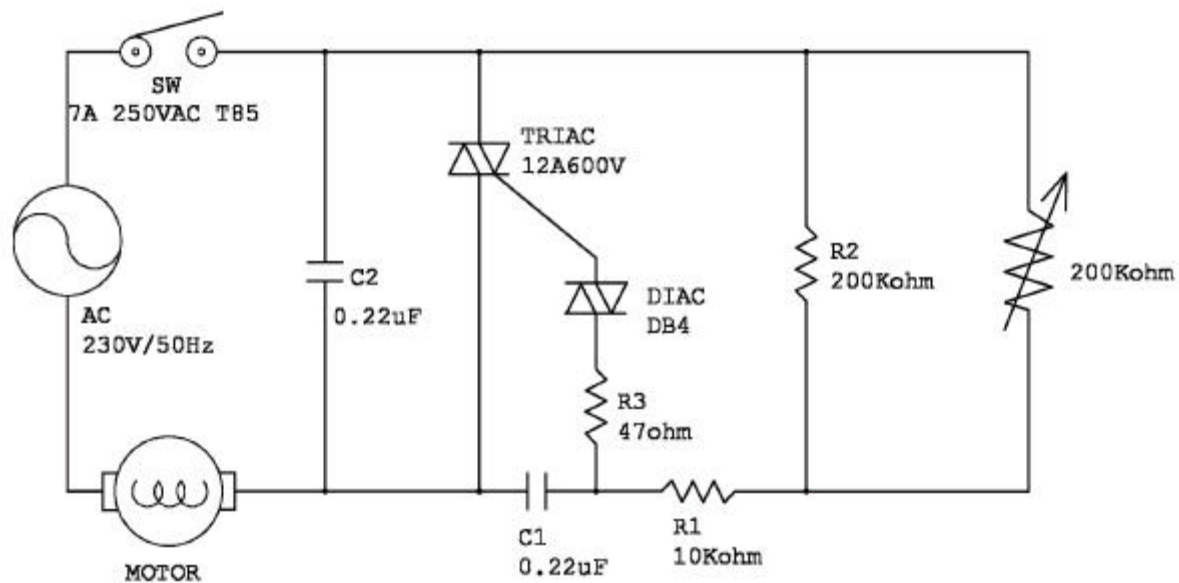
| PART NAME                                    | MODEL   |  |  |
|----------------------------------------------|---------|--|--|
|                                              | RC-320B |  |  |
| A - DUST METER                               | 0       |  |  |
| B - CLEANING TOOLS(Crevice Tool)             | 0       |  |  |
| C - CORD REWIND BUTTON                       | 0       |  |  |
| D - SWITCH BUTTON                            | 0       |  |  |
| E - POWER CORD                               | 0       |  |  |
| F-1 - EXTENSION PIPE (2 Plastic Tubes)       | -       |  |  |
| F-2 - EXTENSION PIPE (2 Steel Tubes)         | 0       |  |  |
| F-1 - EXTENSION PIPE (Steel Telescopic Tube) | -       |  |  |
| G - HOSE HANDLE                              | 0       |  |  |
| H-1 - CLEAN BRUSH                            | 0       |  |  |
| H-2 - PEDAL BRUSH                            | -       |  |  |

2-2. MODEL RC-320B



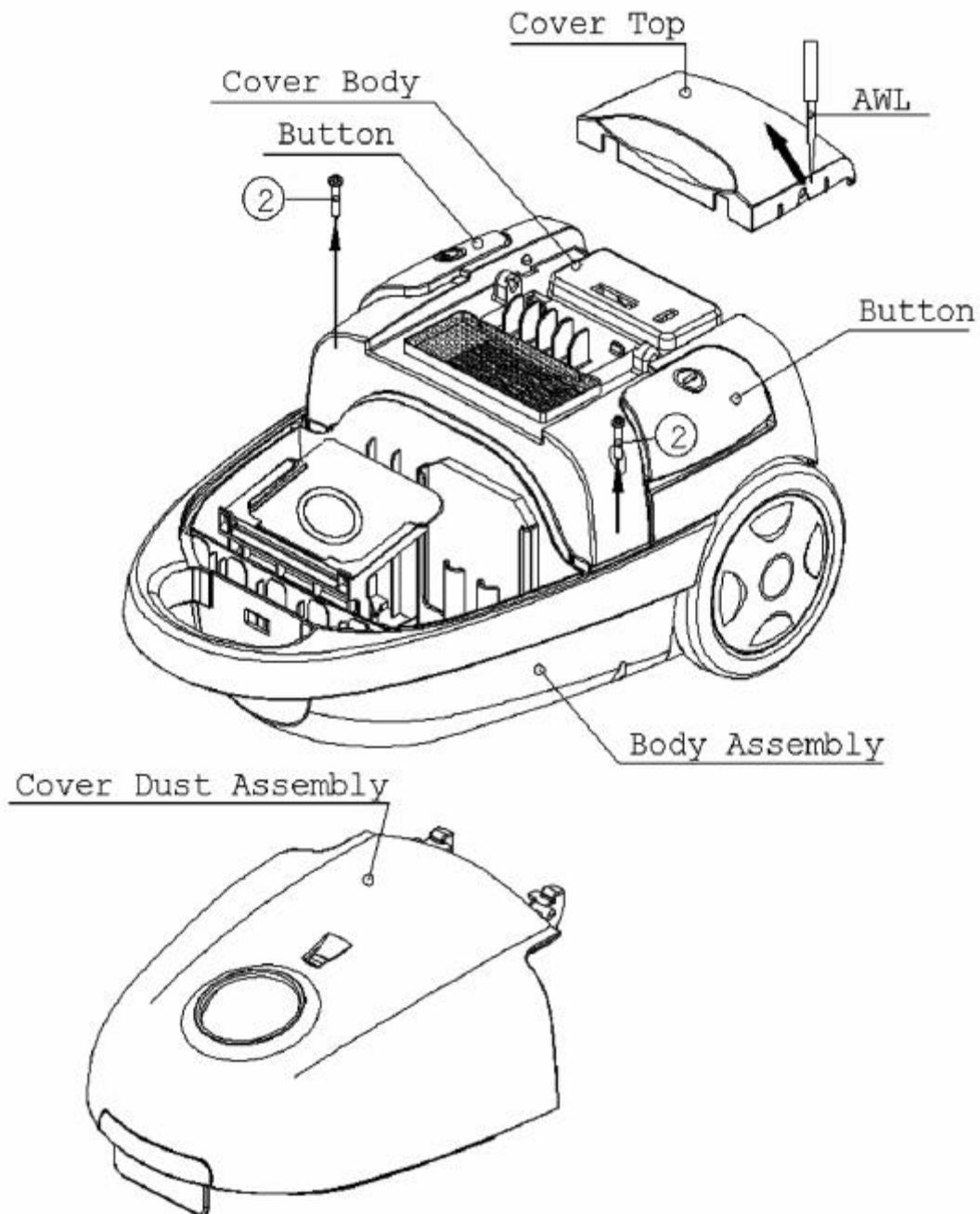
■ 3-1. WIRING DIAGRAM    STANDARD   RC-320B





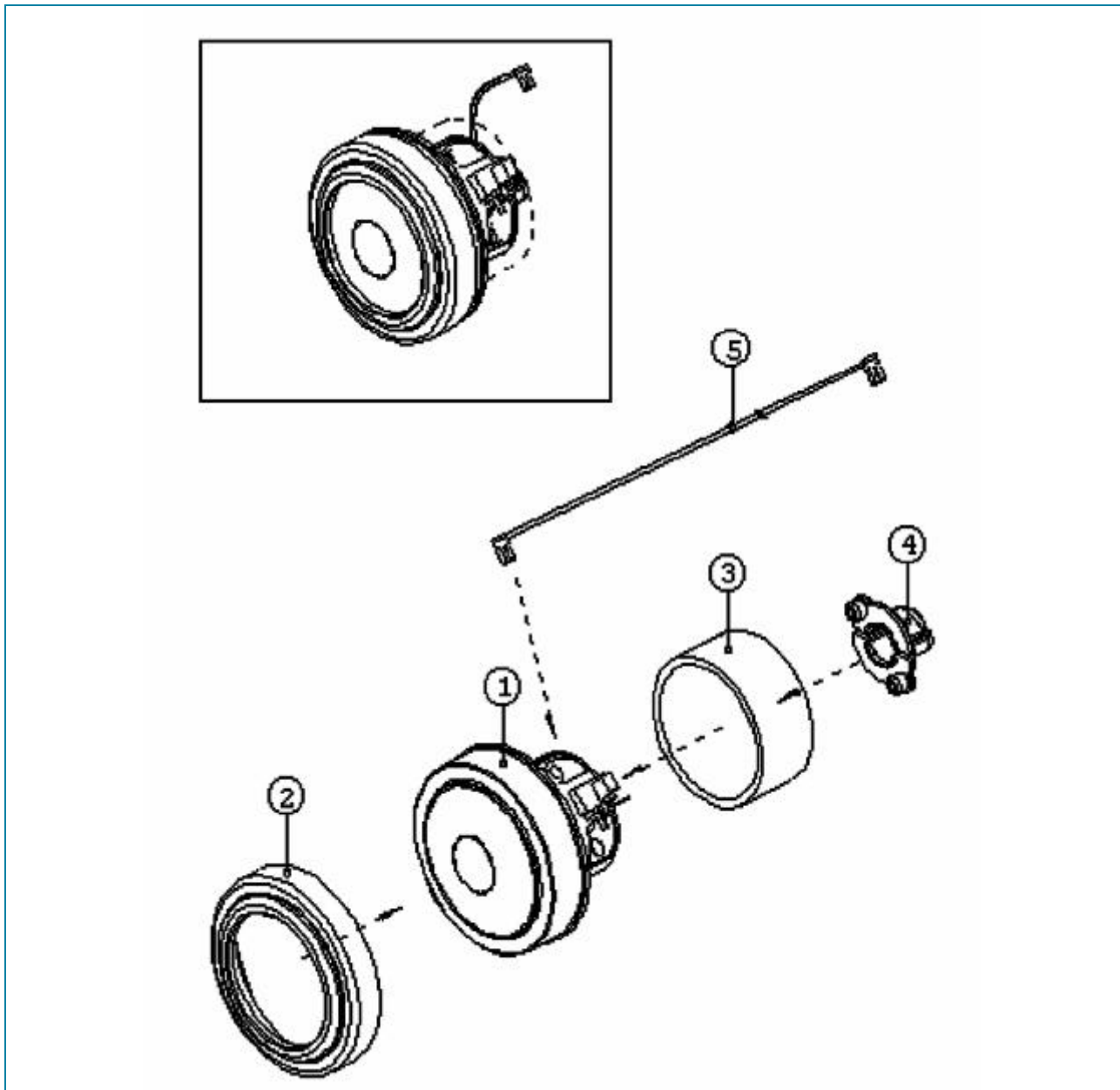
## 5. DISASSEMBLING AND TREATMENT

### 5-1. CLEANER ASSEMBLY



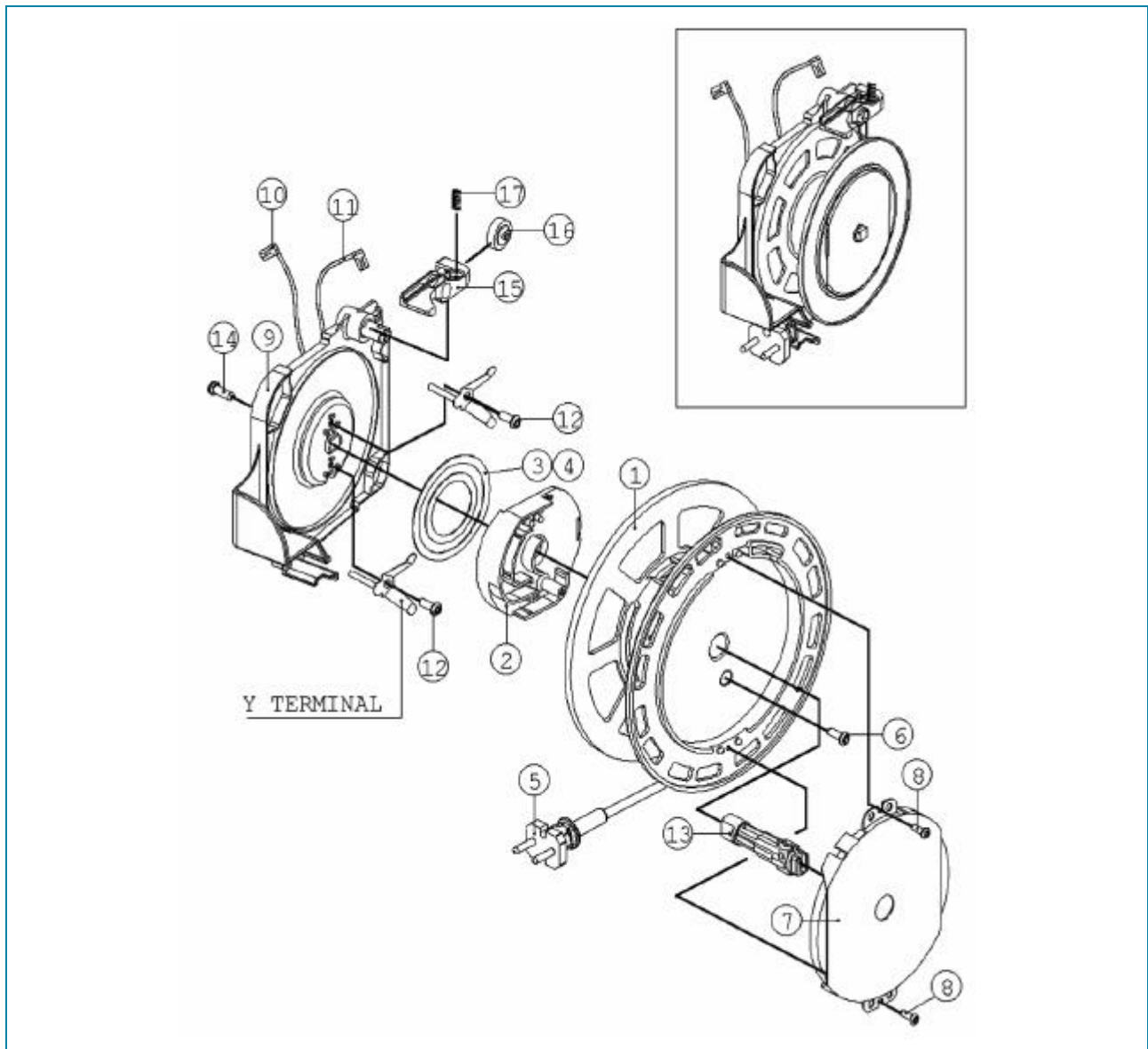
1. TAKE THE COVER TOP CUT OF THE COVER BODY BY USING AN AWL.
2. SEPARATE THE COVER DUST ASSEMBLY FROM THE COVER BODY.
3. UNSCREW THE 2 SCREWS(2) THEN LIFT THE COVER BODY UP FROM THE BODY ASSEMBLY.
4. SEPARATE THE TWO BUTTONS FROM THE COVER BODY.

## 5-2. MOTOR ASSEMBLY



- 1) TAKE THE MOTOR ASSEMBLY OUT OF THE BODY
- 2) CHECK THE MOTOR(1) (WHETHER THE MOTOR IS BURNT OUT OR NOT).

## 5-3 CORD REEL ASSEMBLY



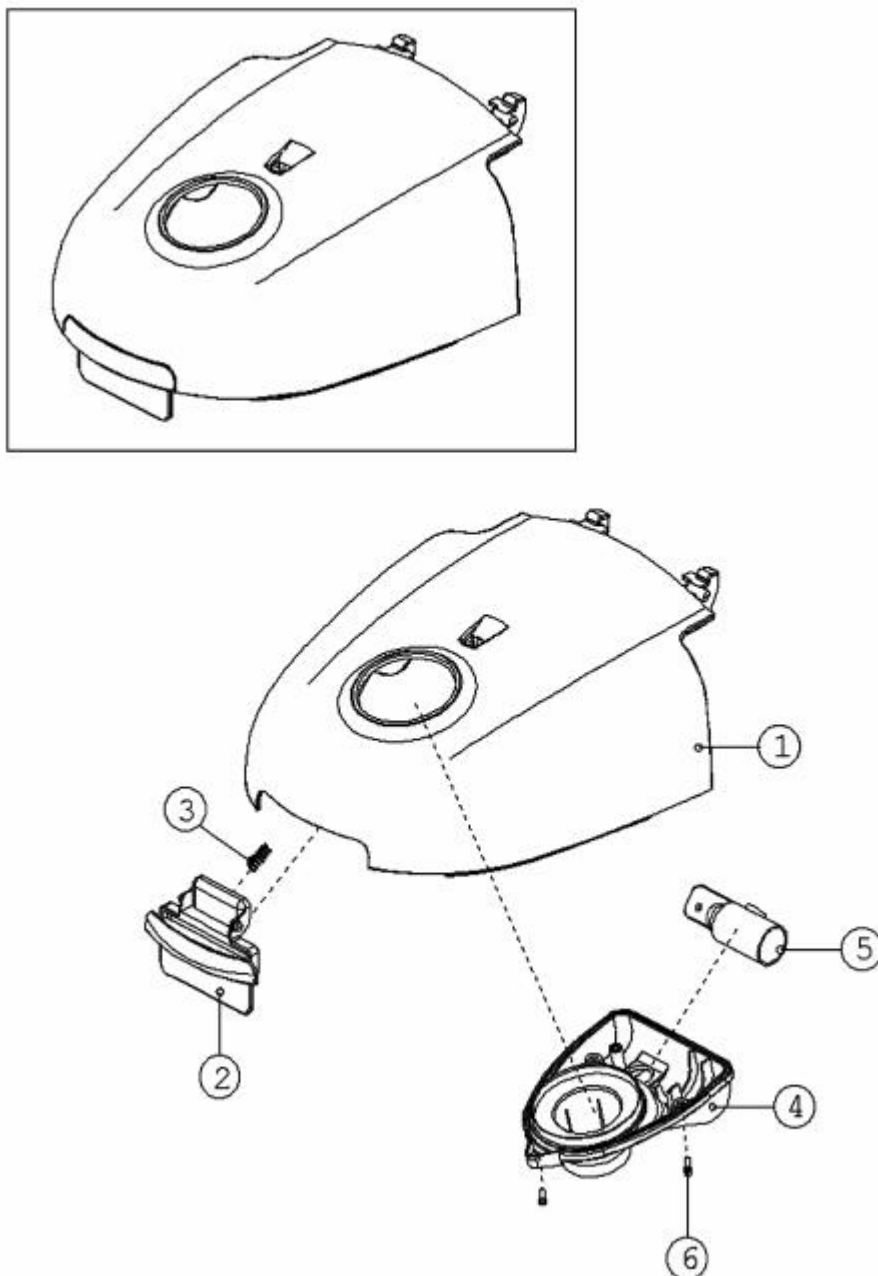
- 1) TAKE THE CORD REEL OUT OF THE BODY.
- 2) UNSCREW THE SCREW(14) AND SEPARATE THE BOBBIN(1) FROM THE BRACKET(9) AND CHECK THE CONTACTS BETWEEN THE Y TYPE TERMINALS AND THE RING TYPE TERMINALS(3, 4).
- 4) CHECK THE LEVER SPRING(17).
- 5) IF THE ROLLER BRAKE(16) IS WORN OUT AND SEPARATE THE LEVER(15) FROM THE BRACKET(9), THEN REPLACE THE ROLLER BRAKE(16).  
AT THIS TIME, THE BOBBIN(1) IS ROTATED COUNTERCLOCKWISE DUE TO THE PRESERVED WINDING.
- 6) IF THE REEL SPRING(7) IS BROKEN, UNSCREW THE 2 SCREWS(8) AND REPLACE IT.

**CAUTION : WHEN DISASSEMBLING, THE REEL SPRING MAY SPRING OUT OF THE COVER.**

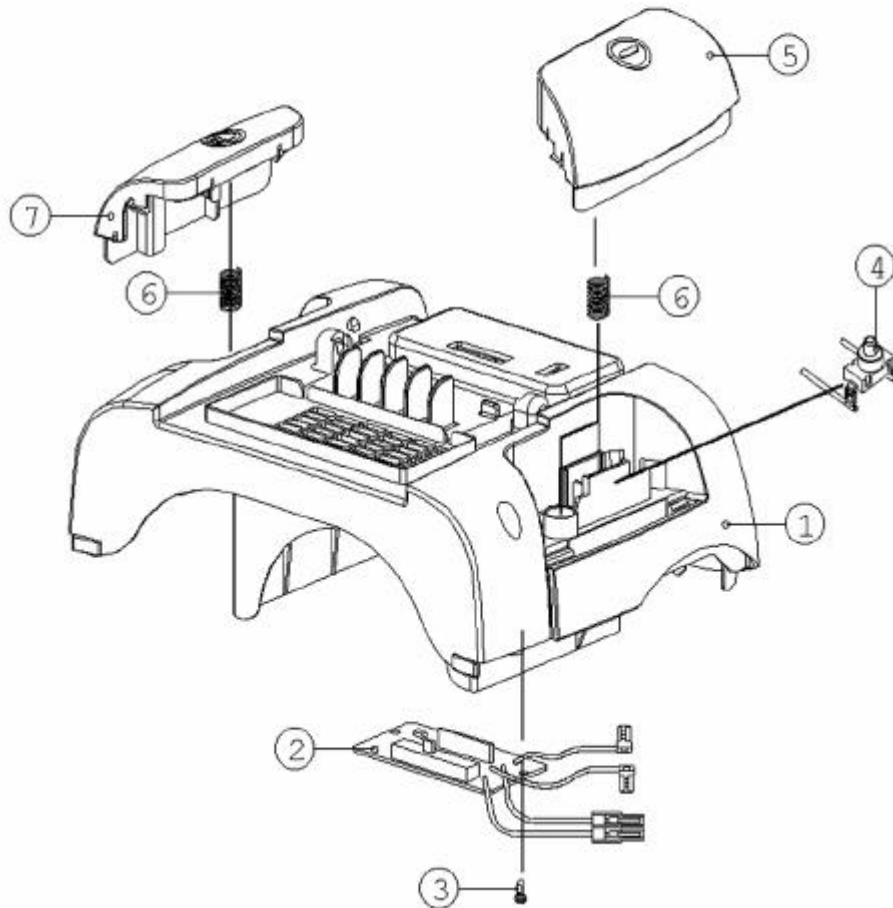
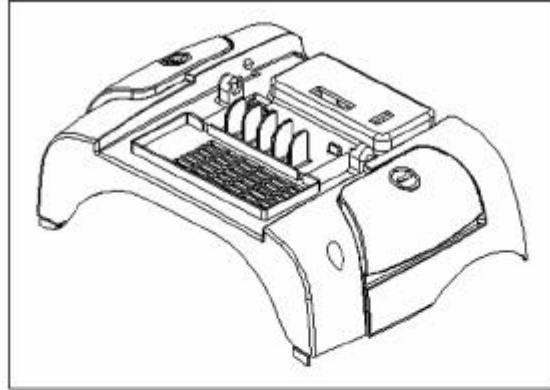
- 7) UNSCREW THE SCREW (6) AND SEPARATE THE HOLDER TERMINAL(2) FROM THE BOBBIN(1).



#### 5-4 COVER DUST ASSEMBLY

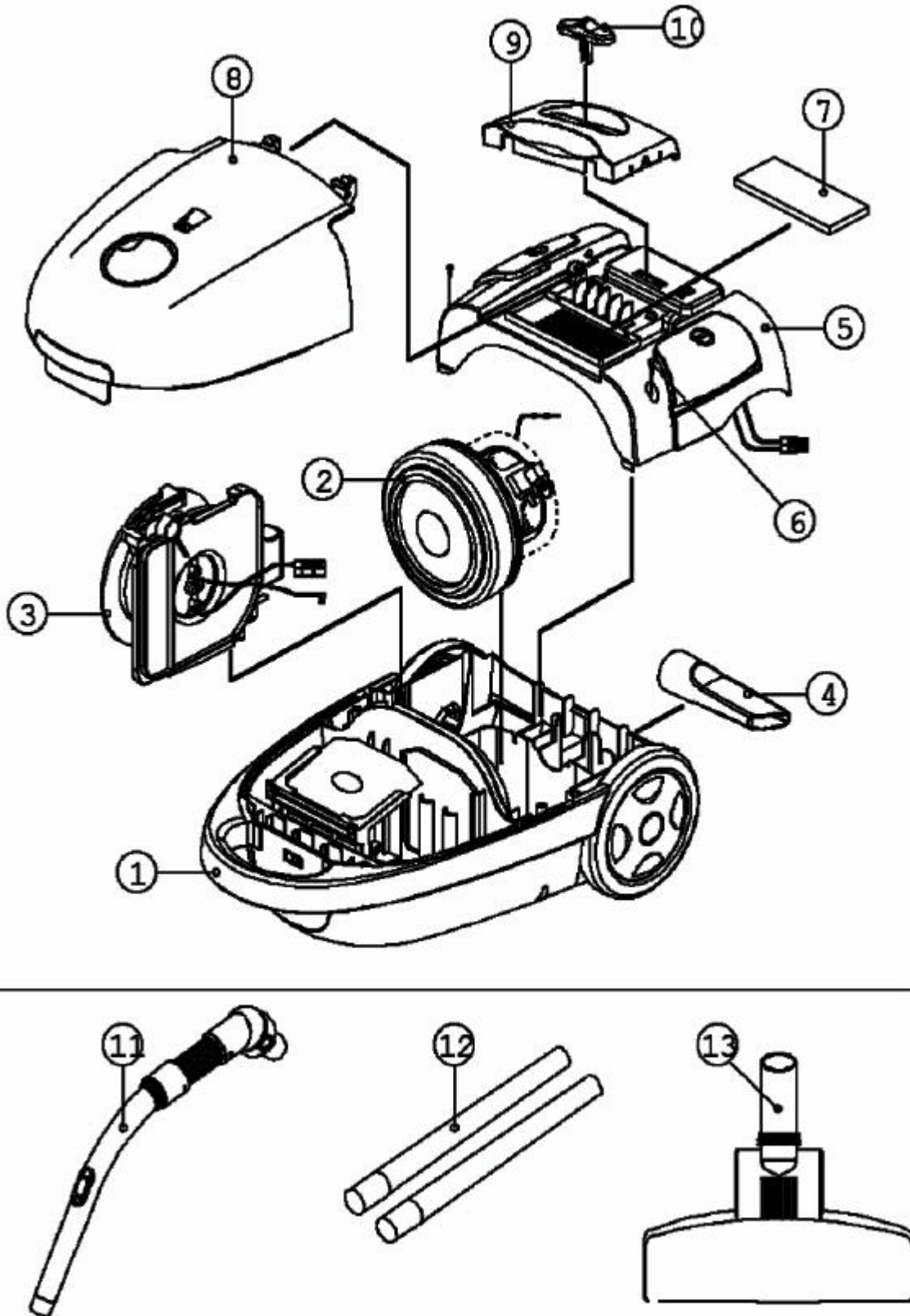


1) UNSCREW THE 2 SCREWS(6) AND SAPARATE THE SOCKET(4) FROM THE COVER DUST(1).

**5-3 COVER BODY ASSEMBLY**

- 1) CHECK THE CONNECTIONS BETWEEN THE PCB ASSY(2) AND THE WIRE.
- 2) CHECK THE PCB ASSY(2).
- 3) CHECK THE SWITCH(4).

## 2) MODEL RC-320B (3620013000)

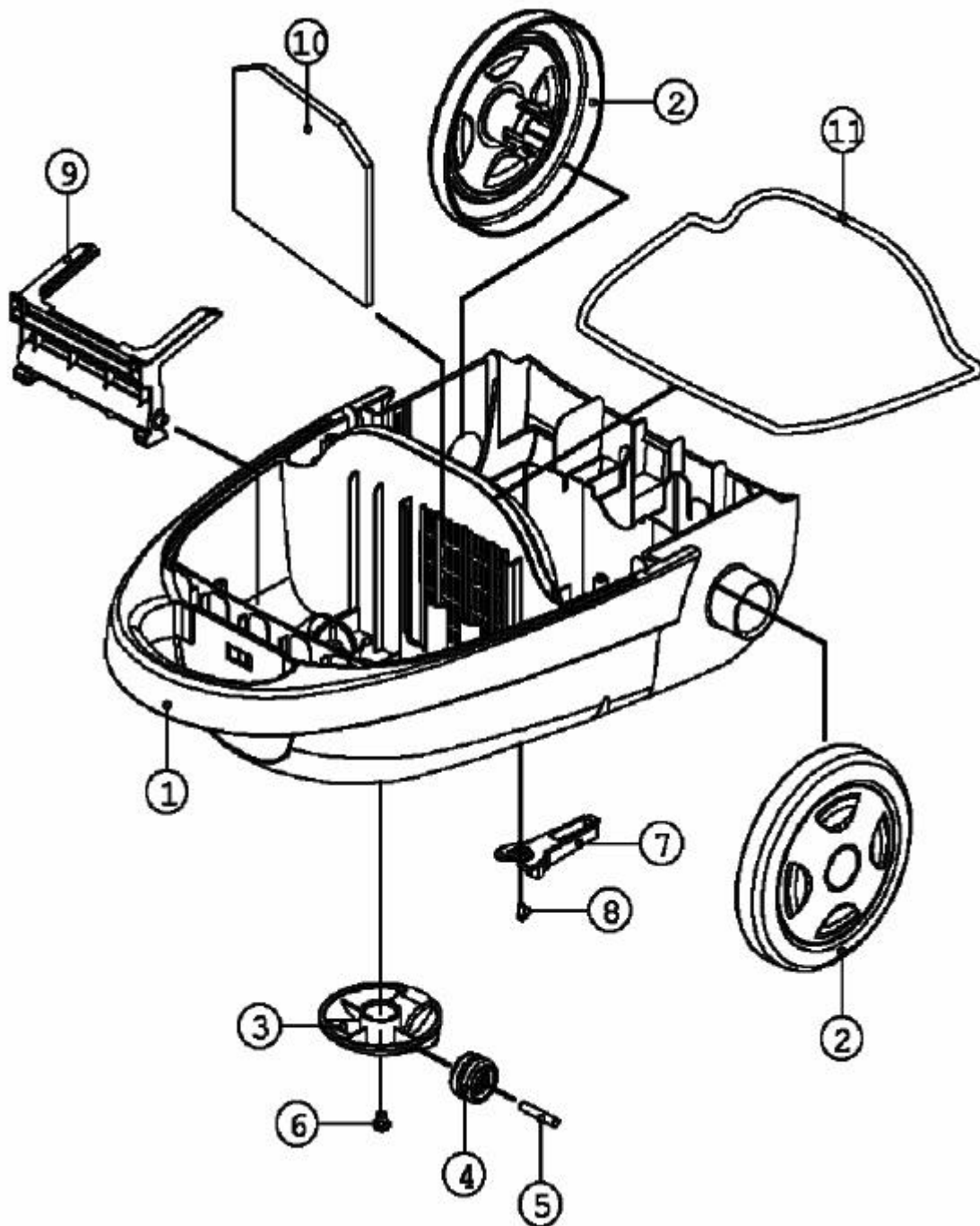


**EXPLODED VIEW AND PARTS LIST**

| NO | PART NAME      | PART CODE  | SPECS.            | Q'YT |
|----|----------------|------------|-------------------|------|
| 1  | BODY AS        | 3620409000 | ASSY              | 1    |
| 2  | ASSY MOTOR     | 3620013300 | ASSY(RC-320B)     | 1    |
| 3  | CORD REEL AS   | 3629507100 | ASSY              | 1    |
| 4  | NOZZLE CREVICE | 3628100600 | PP                | 1    |
| 5  | COVER BODY AS  | 3621426200 | ASSY              | 1    |
| 6  | SCREW TAPPTITE | 7171402011 | TT2 PAN 4X20 MFZN | 2    |
| 7  | FILTER EXHAUST | 3621906900 | POLYESTER         | 1    |
| 8  | COVER DUST AS  | 362145900  | ASSY              | 1    |
| 9  | COVER TOP(V)   | 3621424700 | PP                | 1    |
| 10 | KNOB           | 3623401700 | ABS               | 1    |
| 11 | HOSE AS        | 3623206200 | ASSY              | 1    |
| 12 | PIPE STEEL     | 3624403510 |                   | 2    |
| 13 | BRUSH AS       | 3629304920 | ASSY(CLEAN31)     | 1    |

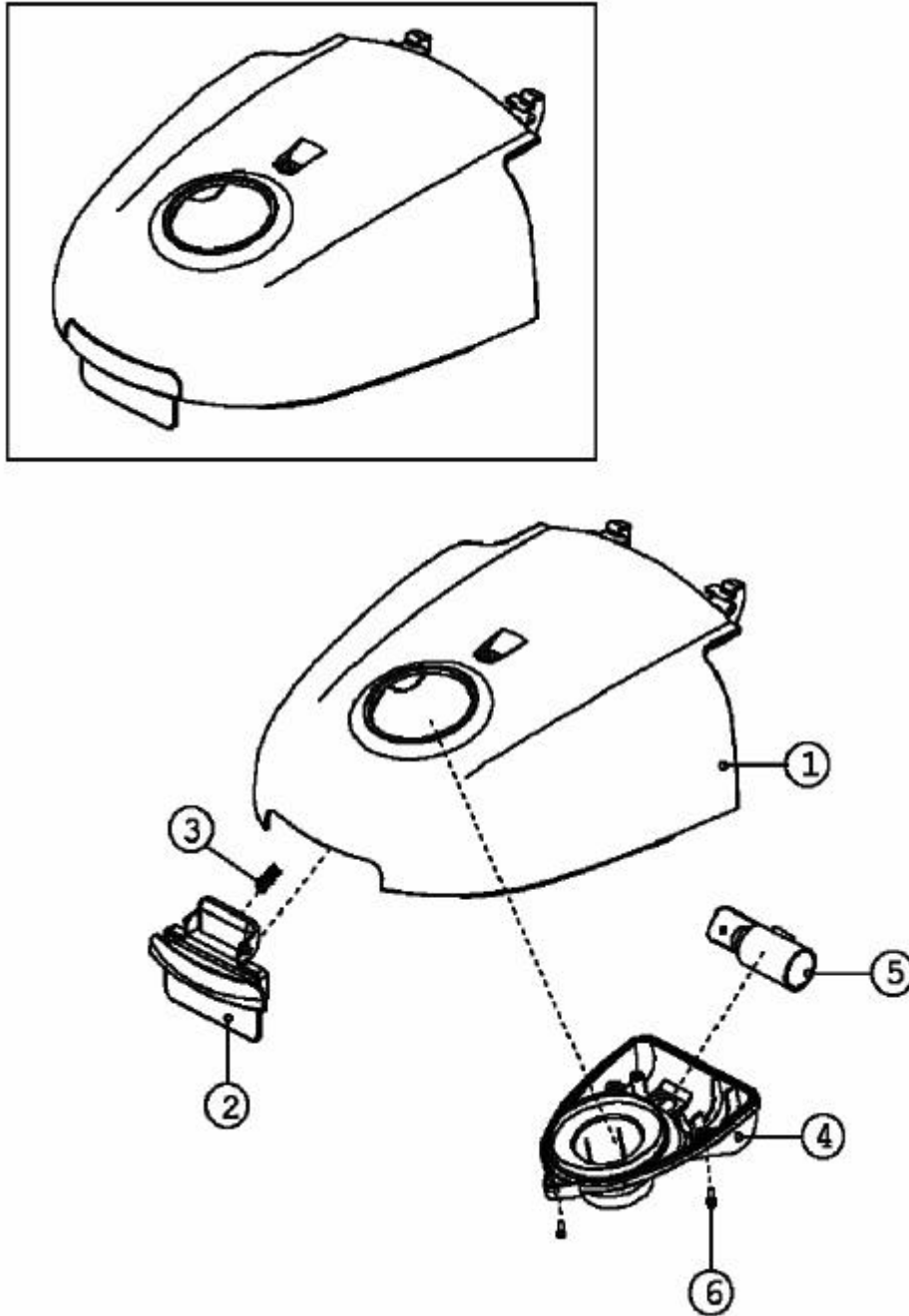
**6-2. BODY ASSEMBLY**

1) MODEL RC-320B (3620409000)



**EXPLODED VIEW AND PARTS LIST**

| NO | PART NAME      | PART CODE  | SPECS.               | Q'YT |
|----|----------------|------------|----------------------|------|
| 1  | BODY           | 3620408800 | PP                   | 1    |
| 2  | ROLLER BACK    | 3624704900 | PP                   | 2    |
| 3  | BRACKET ROLLER | 3620601500 | PP                   | 1    |
| 4  | ROLLER FRONT   | 3624703600 | PP                   | 1    |
| 5  | SHAFT ROLLER   | 3624901000 | SWRM                 | 1    |
| 6  | SCREW TAPPING  | 7128401212 | T2S WAS 4X12 MFZN BK | 1    |
| 7  | HOLDER BRUSH   | 3623005500 | PP                   | 1    |
| 8  | SCREW TAPPING  | 7121401412 | T2S PAN 4X14 MFZN BK | 1    |
| 9  | HOLDER FILTER  | 3623005600 | PP                   | 1    |
| 10 | FILTER IN      | 3621904200 | POLYESTER            | 1    |
| 11 | GASKET         | 3622301100 | EPDM FOAM(715mm)     | 1    |

**6-3. COVER ASSEMBLY****1) COVER DUST ASSEMBLY (3621425900)**

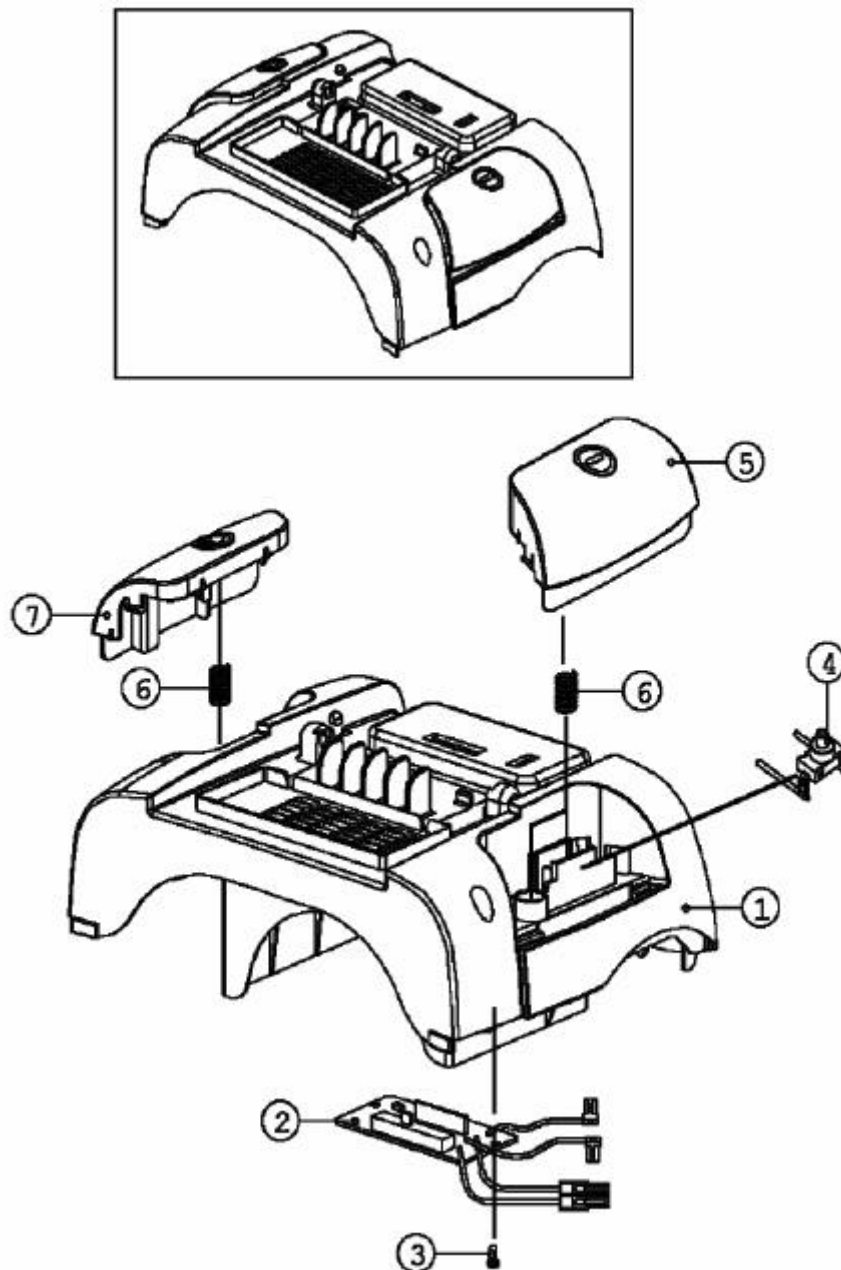
| NO | PART NAME     | PART CODE  | SPECS.            | Q'YT |
|----|---------------|------------|-------------------|------|
| 1  | COVER DUST    | 3621424500 | ABS               | 1    |
| 2  | CLAMP COVER   | 3621202600 | ABS               | 1    |
| 3  | SPRING CLAMP  | 3625106400 | HSW3              | 1    |
| 4  | SOCKET        | 3629801200 | PP                | 1    |
| 5  | DUST METER AS | 3629702000 | ASSY              | 1    |
| 6  | SCREW TAPPING | 7121401011 | T2S PAN 4X10 MFZN | 3    |



## EXPLODED VIEW AND PARTS LIST

### 2) COVER BODY ASSEMBLY (3621426200)

■MODEL : RC-320B

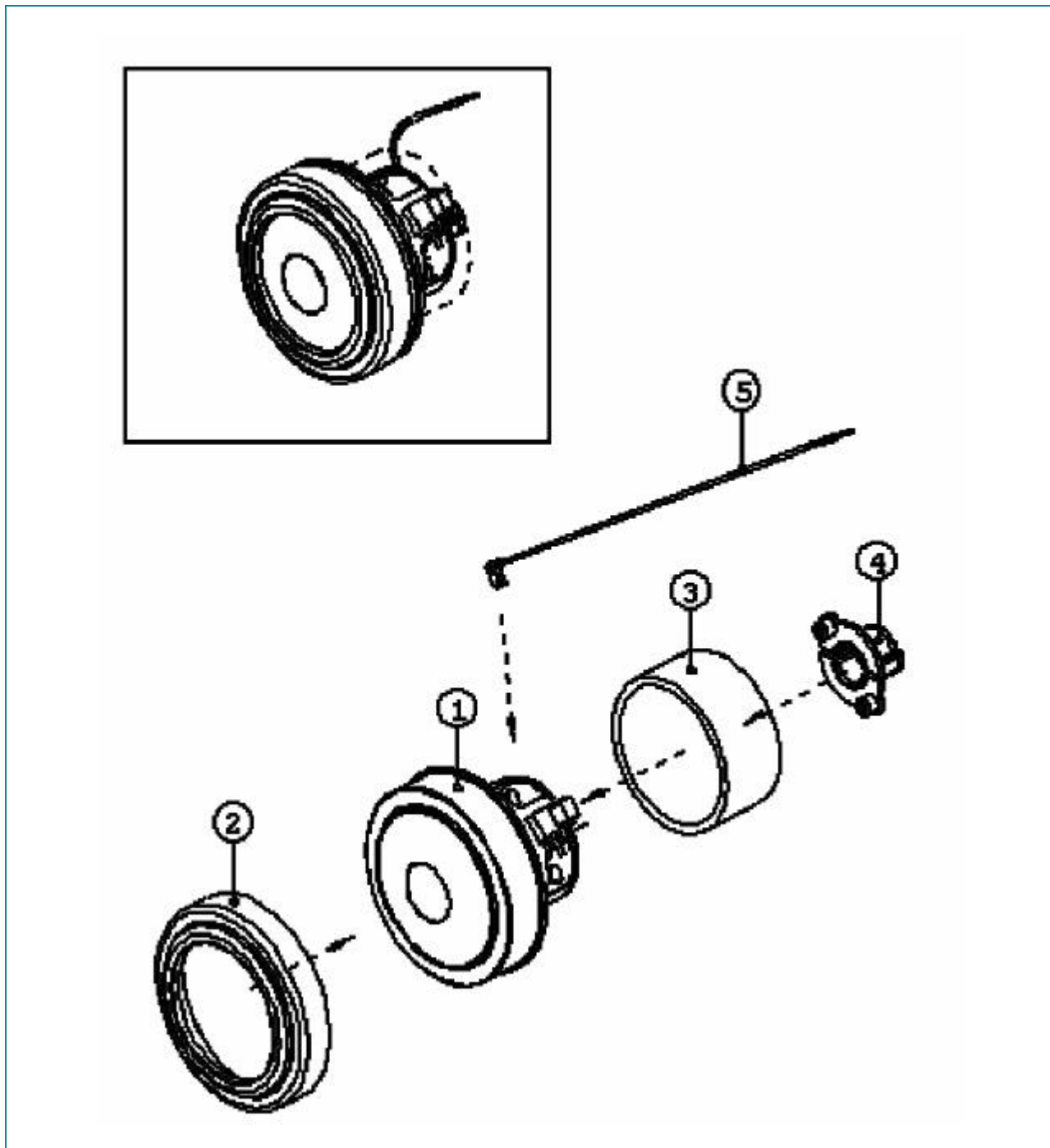


| NO | PART NAME     | PART CODE  | SPECS.            | Q'YT |
|----|---------------|------------|-------------------|------|
| 1  | COVER BODY    | 3621424400 | PP                | 1    |
| 2  | PCB AS        | 3624311000 | ASSY              | 1    |
| 3  | SCREW TAPPING | 7121401411 | T2S PAN 4X14 MFZN | 1    |
| 4  | SWITCH PUSH   | 3629002000 | 7A/250V(SKT)      | 1    |
| 5  | BUTTON SWITCH | 3626605200 | ABS               | 1    |
| 6  | SPRING BUTTON | 3625107400 | HSW3              | 2    |
| 7  | BUTTON CR     | 3626605300 | ABS               | 1    |



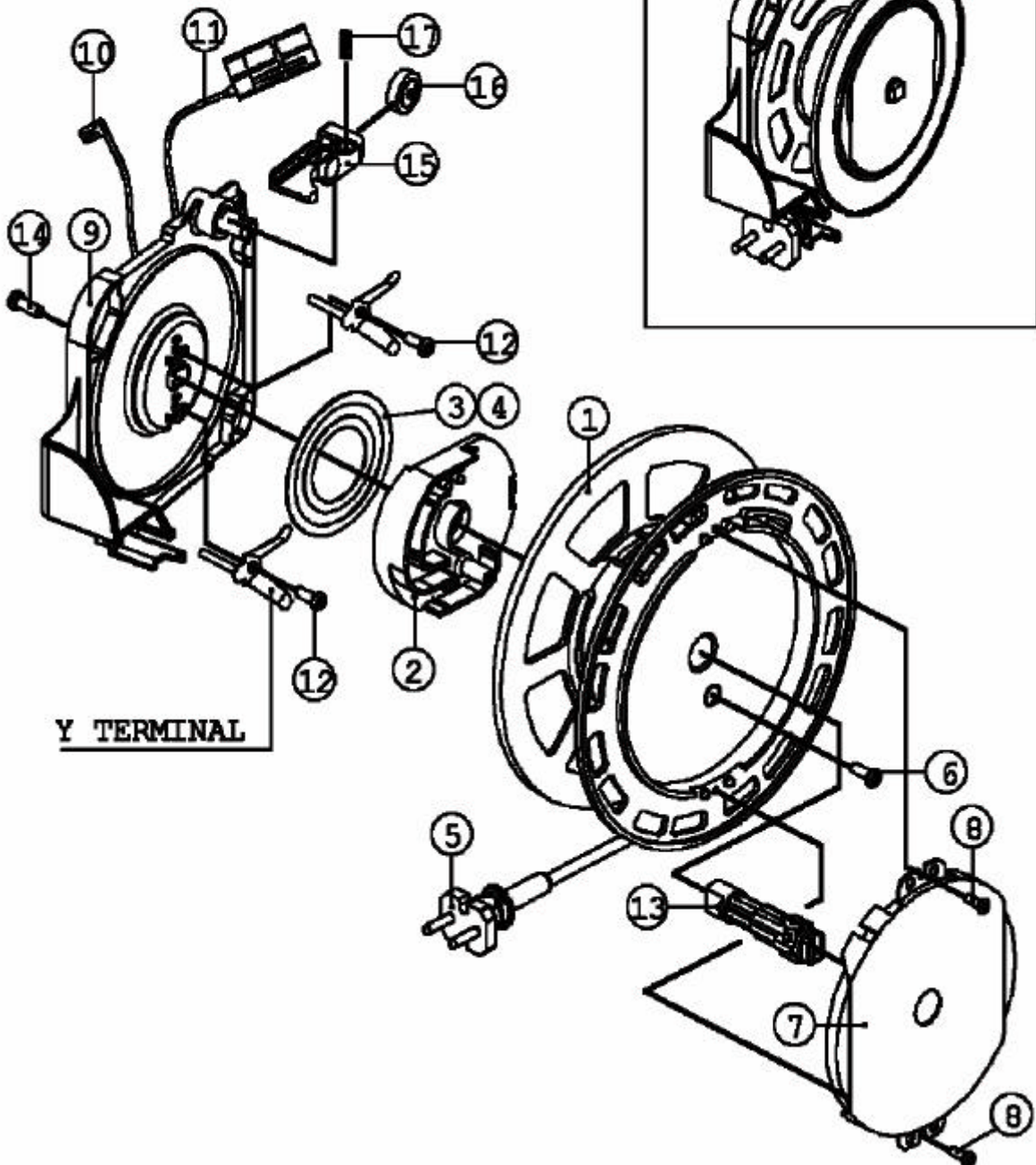
## EXPLODED VIEW AND PARTS LIST

### 2) MODEL RC-320B (3620013300)



| NO | PART NAME       | PART CODE  | SPECS.            | Q'YT |
|----|-----------------|------------|-------------------|------|
| 1  | MOTOR UNIVERSAL | 3962511400 | 230V 1200W DMI(E) | 1    |
| 2  | PACKING MOTOR   | 3624006900 | NR                | 1    |
| 3  | ABSORBER SOUND  | 4569C10071 | PU FOAM (T=10)    | 1    |
| 4  | MOUNT MOTOR     | 3627900900 | TPE               | 1    |
| 5  | TERMINAL AS     | 3622712200 | ASSY              | 1    |

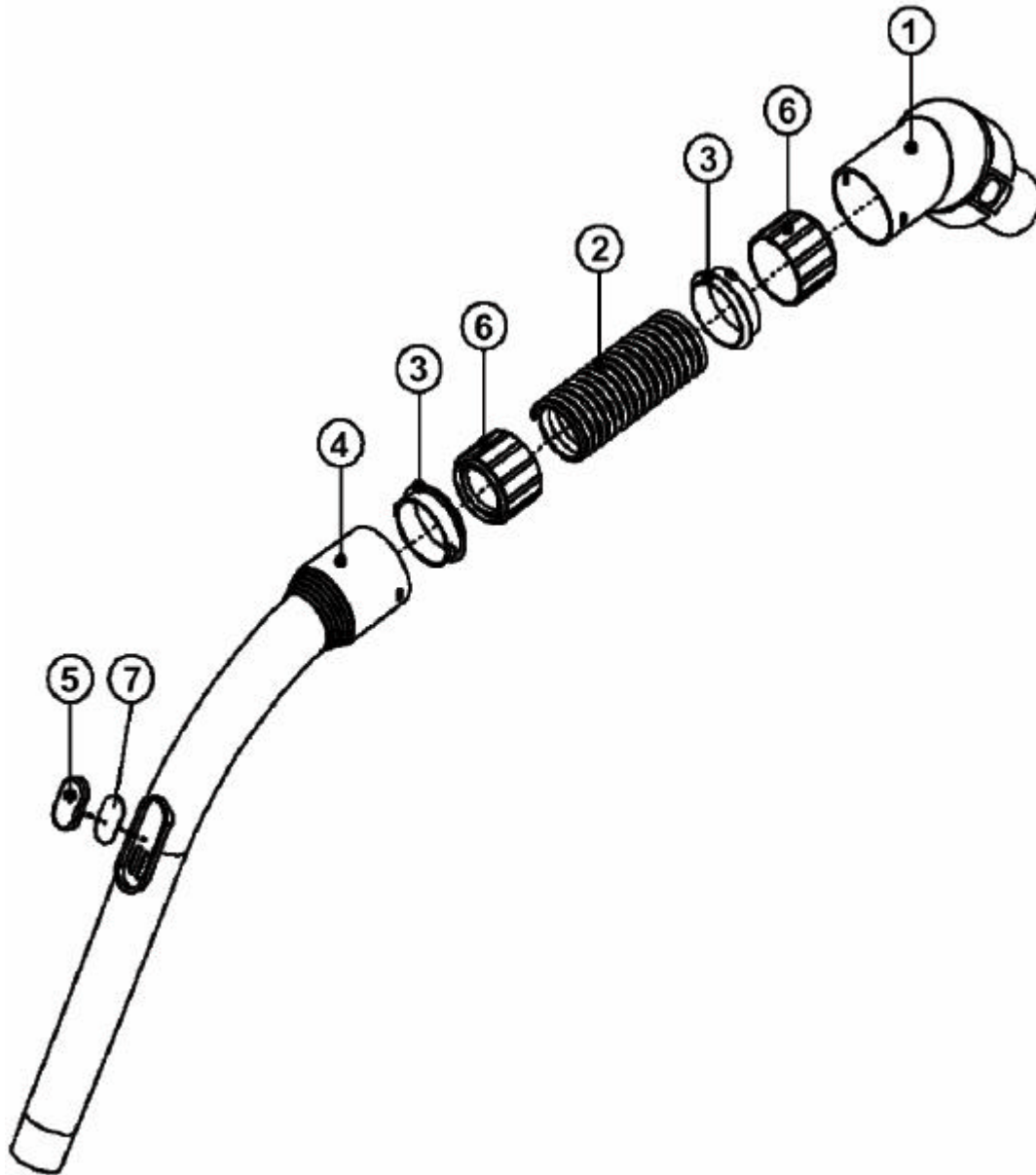
## 2) MODEL RC-320B



**EXPLODED VIEW AND PARTS LIST**

| NO | PART NAME       | PART CODE  | SPECS.                | Q'YT |
|----|-----------------|------------|-----------------------|------|
| 1  | BOBBIN          | 3629200600 | PP                    | 1    |
| 2  | HOLDER TERMINAL | 4565A36020 | PC (V-0)              | 1    |
| 3  | TERMINAL        | 4565A36034 | C2600P-1/2H T=0.3     | 1    |
| 4  | TERMINAL        | 4565A36024 | C2600P-1/2H T=0.3     | 1    |
| 5  | CORD POWER      | 3621300700 | 250V16A, H05H2F, 5m   | 1    |
| 6  | SCREW TAPPING   | 7121301411 | T2S PAN 3X14 MFZN     | 1    |
| 7  | SPRING AS       | 3625102005 | SUS30-EH+Cover,3800mm | 1    |
| 8  | SCREW TAPPING   | 7121300811 | T2S PAN 3X8 MFZN      | 2    |
| 9  | BRACKET CR      | 3620602300 | PP                    | 1    |
| 10 | TERMINAL Y AS   | 3628712000 | ASSY                  | 2    |
| 11 | TERMINAL Y AS   | 3628712300 | ASSY                  | 2    |
| 12 | SCREW TAPPING   | 7121400811 | T2S PAN 4X8 MFZN      | 2    |
| 13 | SHAFT CR        | 3624900510 | PC LEXAN 500          | 1    |
| 14 | SCREW TAPPING   | 7121401211 | T2S PAN 4X12 MFZN     | 1    |
| 15 | LEVER CR        | 3623702500 | ABS                   | 1    |
| 16 | STOPPER ASSY    | 3625200200 | ASSY                  | 1    |
| 17 | SPRING          | 3625107400 | HSW3                  | 1    |

## 6-6. HOSE ASSEMBLY(3623206200)

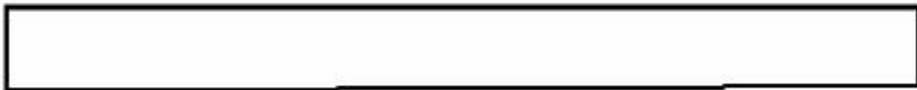
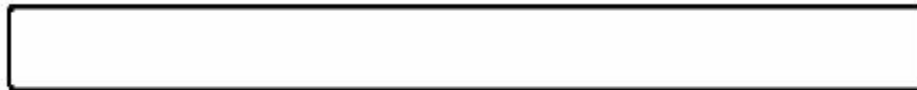


| NO | PART NAME    | PART CODE  | SPECS.                 | Q'YT |
|----|--------------|------------|------------------------|------|
| 1  | PIPE ADAPTER | 3629101700 | PP                     | 1    |
| 2  | HOSE         | 3623206300 | EVA 1.6m (Non-Current) | 1    |
| 3  | HOLDER HOSE  | 4569A71021 | PP                     | 2    |
| 4  | PIPE HOSE    | 3624408200 | PP                     | 1    |
| 5  | VALVE AIR    | 3625400400 | PP                     | 1    |
| 6  | CUFF HOSE    | 3626800200 | LDPE                   | 2    |
| 7  | PACKING HOSE | 3624005900 | SPONGE                 | 1    |

**EXPLODED VIEW AND PARTS LIST**

**PIPE ASSEMBLY**

**MODEL RC-320B (3624403510)**



| NO | PART NAME  | PART CODE  | SPECS.             | Q'YT |
|----|------------|------------|--------------------|------|
| 1  | PIPE STEEL | 3624403510 | SPC T=0.7(LD=32.6) | 2    |