



Internal Use Only

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VACUUM CLEANER

SERVICE MANUAL

MODEL : VK73*****

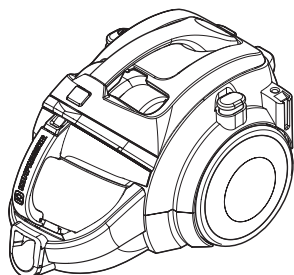
VC73*****

VK79*****

VK89*****

CAUTION

BEFORE SERVICING THE UNIT, READ THE
"SAFETY PRECAUTIONS" IN THIS MANUAL.



MFL68700002

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SAFETY PRECAUTIONS

BEFORE OPERATING THIS VACUUM CLEANER, READ THIS SERVICE MANUAL THOROUGHLY, AND OBSERVE EACH POINT CAREFULLY.

1. Air filter and motor safety filter

- 1) These filters are reusable.
- 2) Never use the vacuum cleaner without the filters. It may damage the motor.
- 3) When the suction power decreases, wash the air filter and the motor safety filter with water.
- 4) When the alarm sounds, wash the air filter and the motor safety filter at least once every 3 months.

NOTE : Reusing of the air filter and motor safety filter.

- Never wash the filters in a washing machine or in a dishwasher.
- Never use hot water for washing the filters.
- Reuse the filters after drying it completely in the shade for a day.
- Do not dry near fire or direct sunray.

2. Exhaust filter

- 1) This filter is reusable HEPA filter.
- 2) For clean air, this filter must be assembled.

NOTE : Reusing of the exhaust filter.

- Never wash the exhaust filter with water.
- Dust off the exhaust filter.
- Clean the exhaust filter at least once a year.
- Do not brush the filter. This will cause permanently damage allowing dust to by-pass the filter.

3. Avoid suction such materials as :

- 1) Liquid or wet dust :
Clogs the ventilation holes, reduces the suction power significantly and harms the motor.
- 2) Inflammable liquids such as benzene, alcohol or solvents.
- 3) Burning objects such as cigarette butts.
- 4) Bulky objects such as vinyl, paper etc.
- 5) Sharp objects such as needles, pins, metal, glass particles etc.

4. Attachments

- Nozzle : Clean a hard floor and a carpet floor.
- Crevice Tool : Clean any crevice, inside corners or window frames. However, do not use the crevice tool more than 20 minutes because it may cause harm to the motor.
- Dusting brush : Clean picture frames, furniture frames, books and other irregular surfaces.
- Upholstery nozzle : Clean the furniture, mattresses etc.

5. Close supervision is necessary when this vacuum cleaner is used by near children. Children's carelessness may cause damage to the cleaner or injure persons.

6. Air exhausted from the vacuum cleaner is normally warm. But if extraordinarily hot air is exhausted, check if the telescopic pipe, hose or clean filter is clogged or not.

7. Electric shock could occur if used outdoors or on wet surfaces.

CAUTIONS

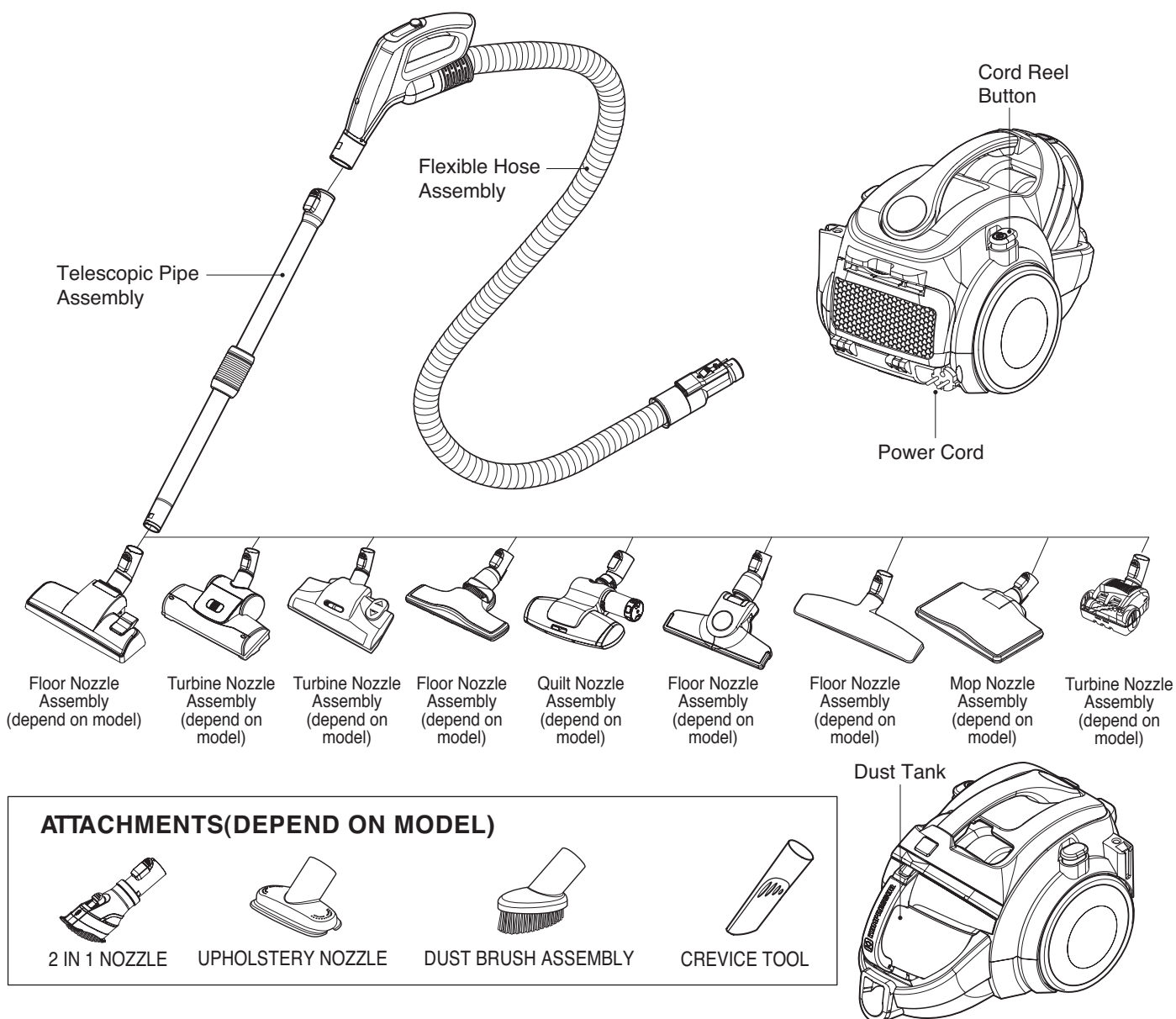
BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE VACUUM CLEANER, DISCONNECT THE ELECTRICAL POWER SUPPLY CORD FROM THE WALL OUTLET.

1. Motor exchange

- 1) Separate the Body Cover and Body Base by unfastening the screws.
- 2) After disconnecting the lead wires, replace the old motor with a new one.

2. In case of exchanging other parts, refer to the exploded view.

DESCRIPTION



SPECIFICATIONS

- **MODEL** : REFER TO THE COVER PAGE
- **POWER SOURCE** : ON RATING PLATE
- **POWER CONSUMPTION** : ON RATING PLATE
- **POWER CONTROL** :
 - **MAIN** : SLIDE KNOB CONTROL(F/HOSE)
- **CORD LENGTH** : 8 m
- **HOSE LENGTH** : 1.6 m
- **NET WEIGHT** : 6.0 kg
- **PACKING WEIGHT** : 10.8 kg
- **NET DIMENSION** : 445 × 285 × 305 (D × W × H)
- **PACKING DIMENSION** : 615 × 330 × 333 (D × W × H)
- This specifications are subject to change according to the buyer's request.

- **ATTACHMENTS(DEPEND ON MODEL)**

FLEXIBLE HOSE ASSEMBLY	1EA
TELESCOPIC PIPE ASSEMBLY	1EA
FLOOR NOZZLE ASSEMBLY	4EA
TURBINE NOZZLE ASSEMBLY	3EA
QUILT NOZZLE ASSEMBLY	1EA
MOP NOZZLE ASSEMBLY	1EA
2 IN 1 NOZZLE.....	1EA
CREVICE TOOL.....	1EA
DUST BRUSH ASSEMBLY	1EA
UPHOLSTERY NOZZLE.....	1EA

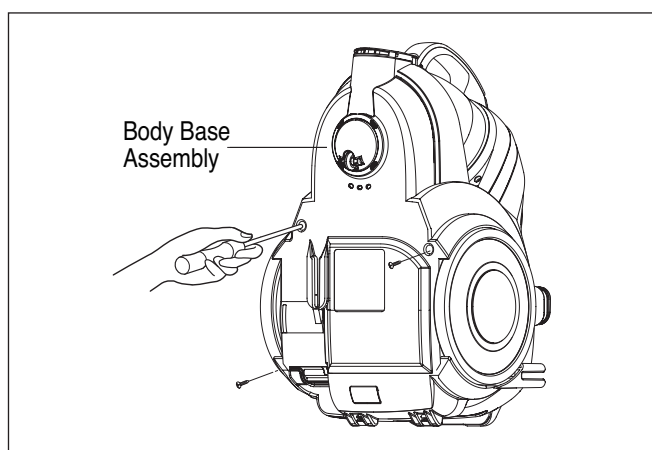
DISASSEMBLY

NOTE : Before attempting to service or adjust any part of the vacuum cleaner, disconnect the electrical power supply cord from the wall outlet.

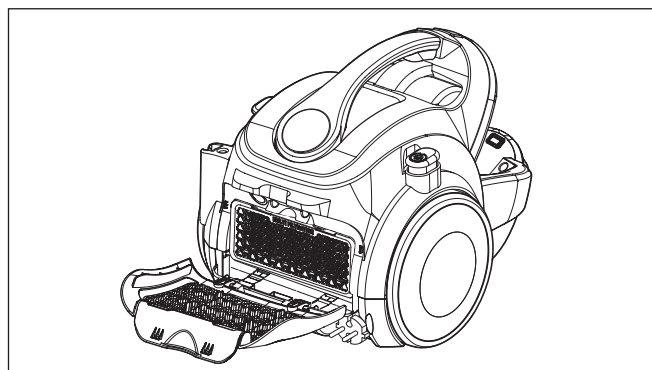
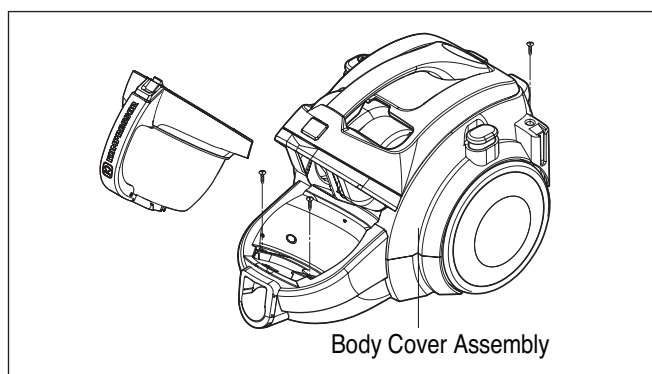
- Almost all of the parts of this vacuum cleaner can be disassembled with a screw driver and each connecting component easily fits each other. Disassemble one by one referring to the exploded view.
- If possible, don't disassemble except for the necessary parts. It is not necessary to disassemble the parts that are not detailed in the exploded view.

1. Disassembly of Body Cover Assembly

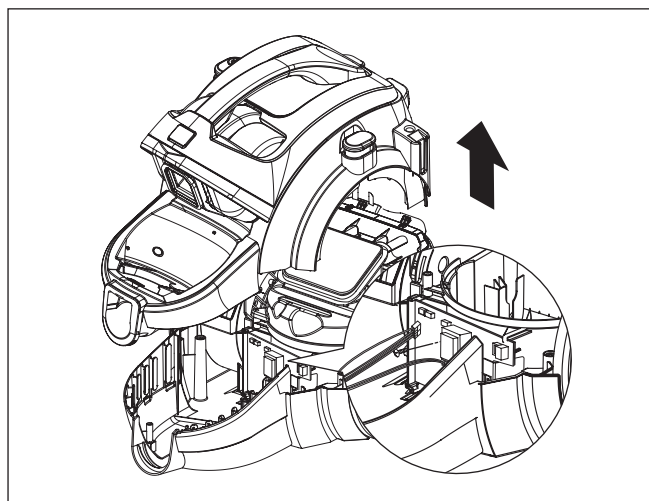
- 1) Remove the three screws fastening the body base.



- 2) Remove the dust tank from the vacuum cleaner. Remove the three screws fastening the body cover.

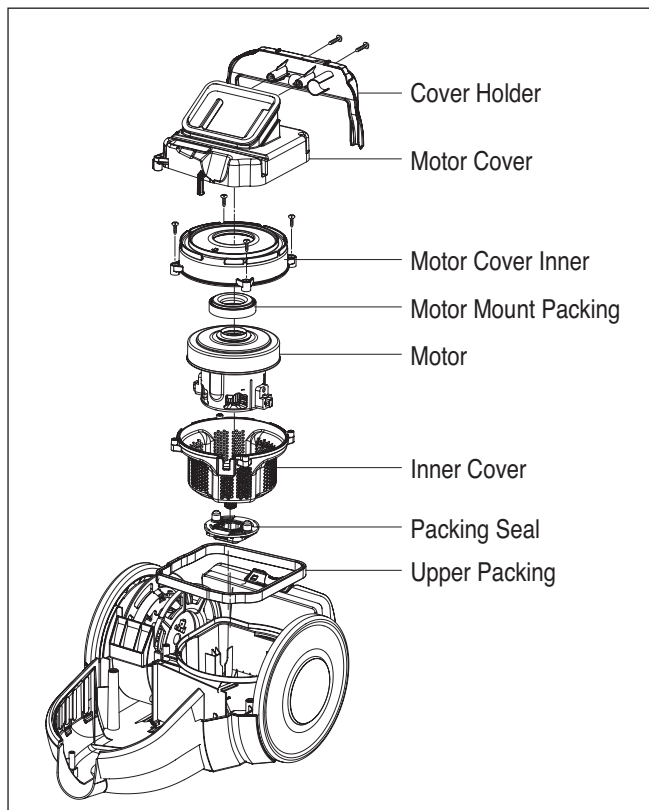


- 3) Disassemble the body cover assembly, lifting the body cover assembly. Pull out the two lead wires.



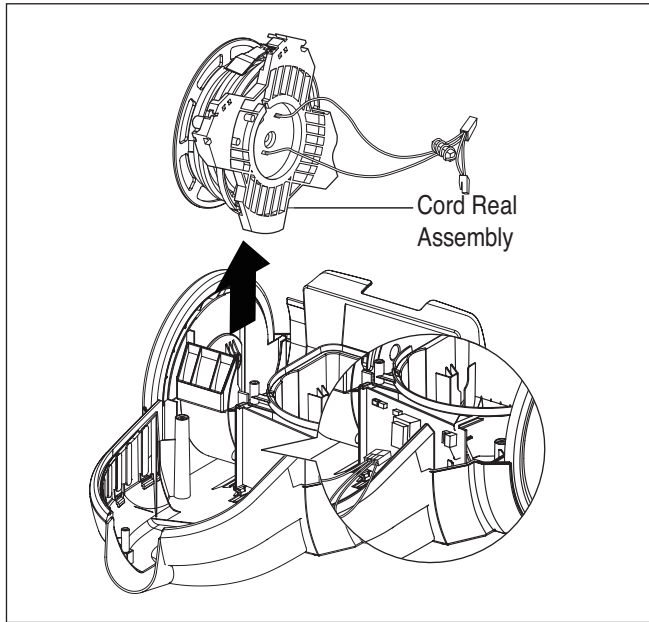
Disassembly of Motor Assembly

- 1) Remove the two screws fastening the cover holder.
- 2) Remove the four screws fastening the motor cover.
- 3) Unlock the one hook.
- 4) Pull out the motor and disconnect the two lead wires from it.



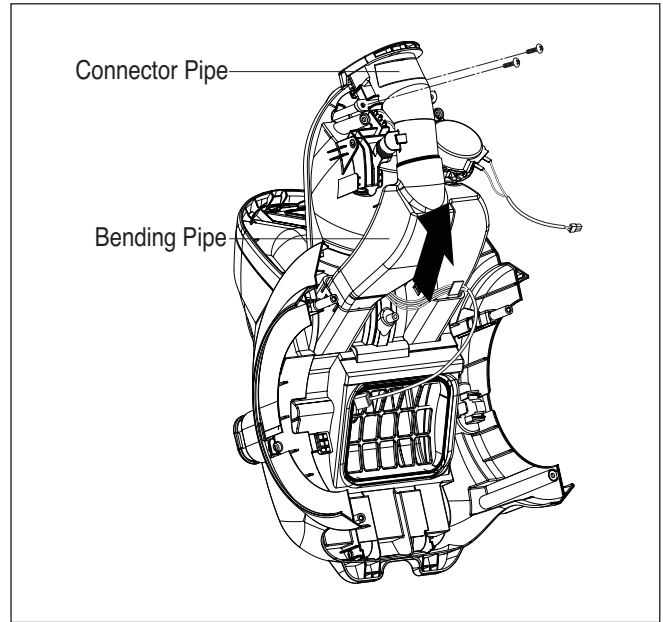
3. Disassembly of Cord Reel Assembly

- 1) Pull out the one lead wire.
- 2) Lift the cord reel assembly from body base.



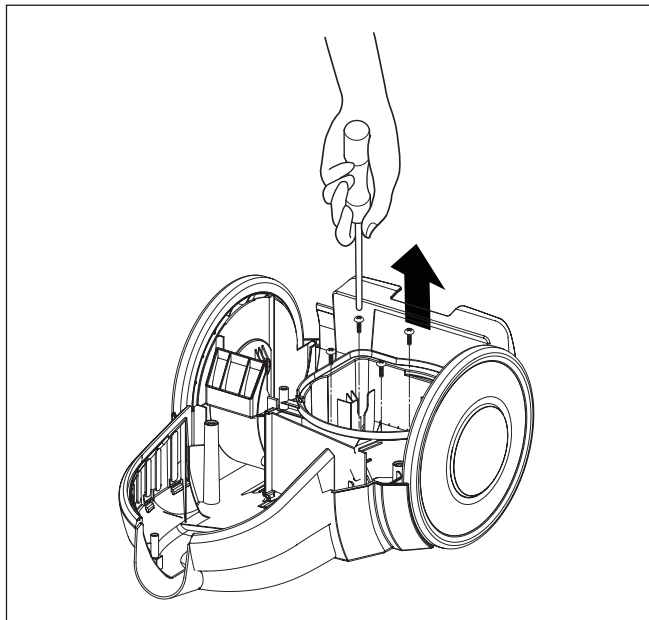
5. Disassembly of Micro Switch and Gear Assembly

- 1) Remove the two screws fastening the connector pipe.
- 2) Pull out the bending pipe.

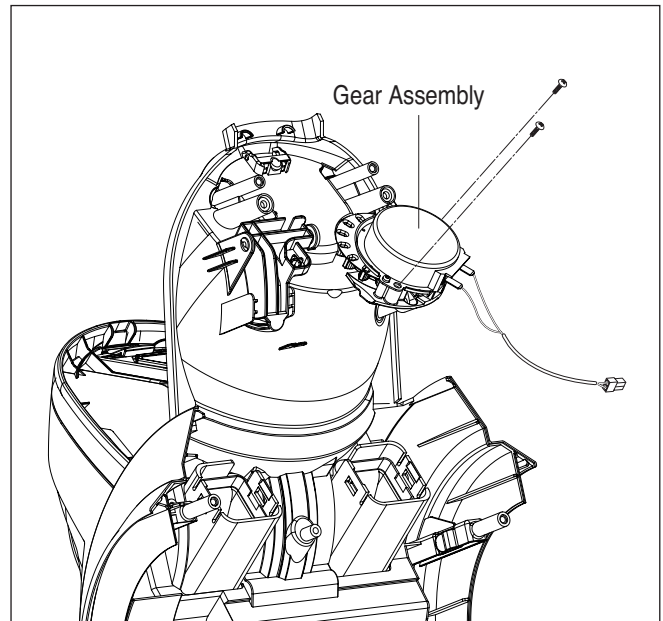


4. Disassembly of Motor Housing.

- 1) Remove the four screws fastening the body base.



- 3) Remove the two screws fastening the gear assembly.



TROUBLE SHOOTING GUIDE

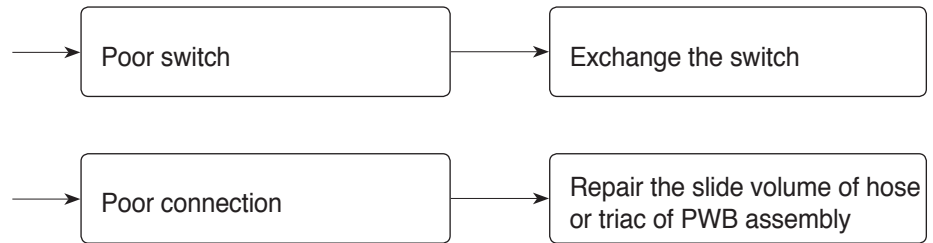
1. SWITCH ON BUT MOTORS DO NOT TURN.

CHECKING	CAUSE	SOLUTION
CHECK THE POWER SOURCE	Poor plug insertion	Insert again
	Power cord cut	Repair or exchange
	Interior lead wire cut	Exchange the lead wire
	Motor(stator armature) coil cut or damaged	Exchange the motor
	Poor switch contact point	Exchange the switch

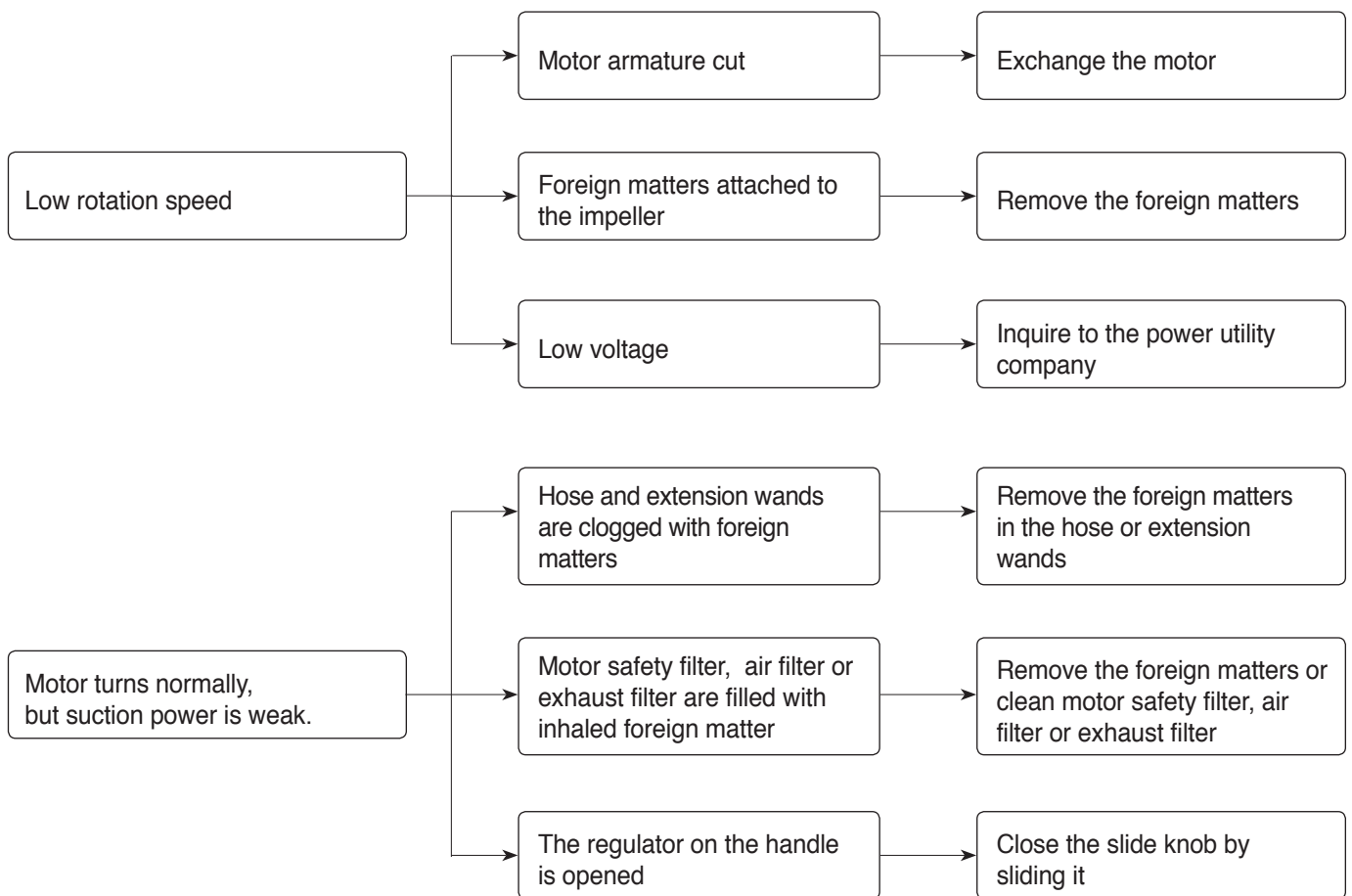
2. SWITCH ON, MAIN MOTOR DOES NOT TURN.

Motor armature cut	Exchange the motor
Ball bearing defacement	Exchange the motor
Impeller hindrance (Caused by foreign matters)	Remove the foreign matters

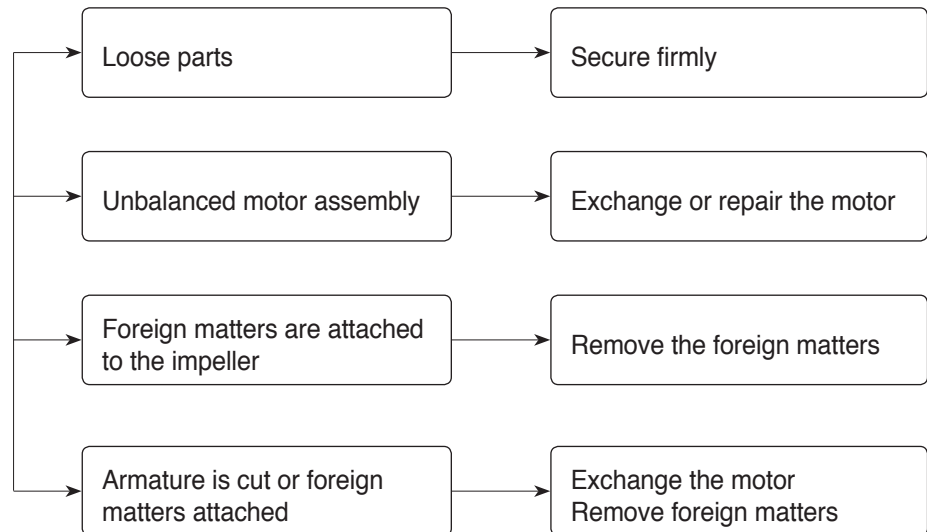
3. SWITCH OFF BUT MOTOR TURNS



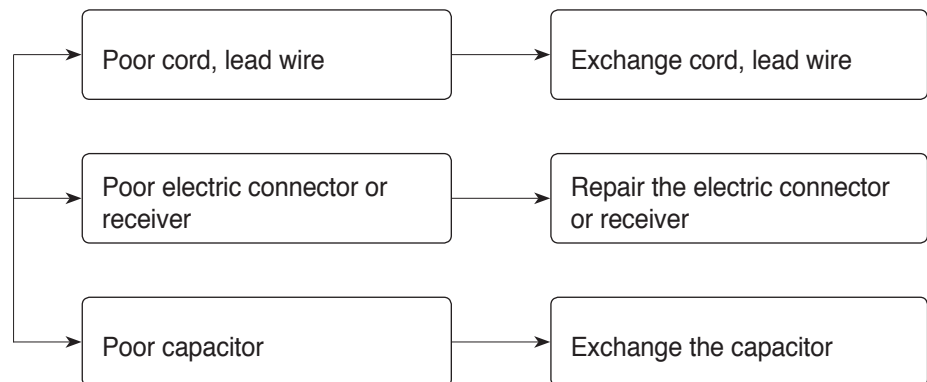
4. WEAK SUCTION POWER



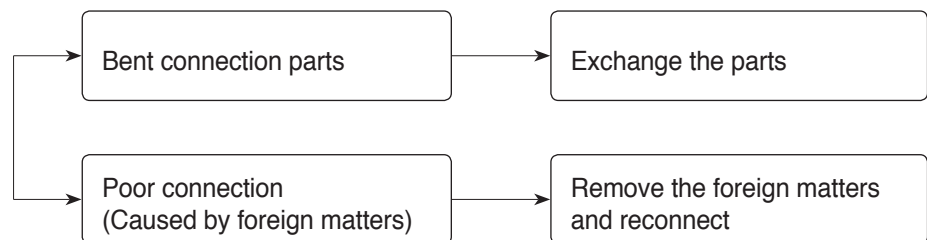
5. VIBRATION NOISES



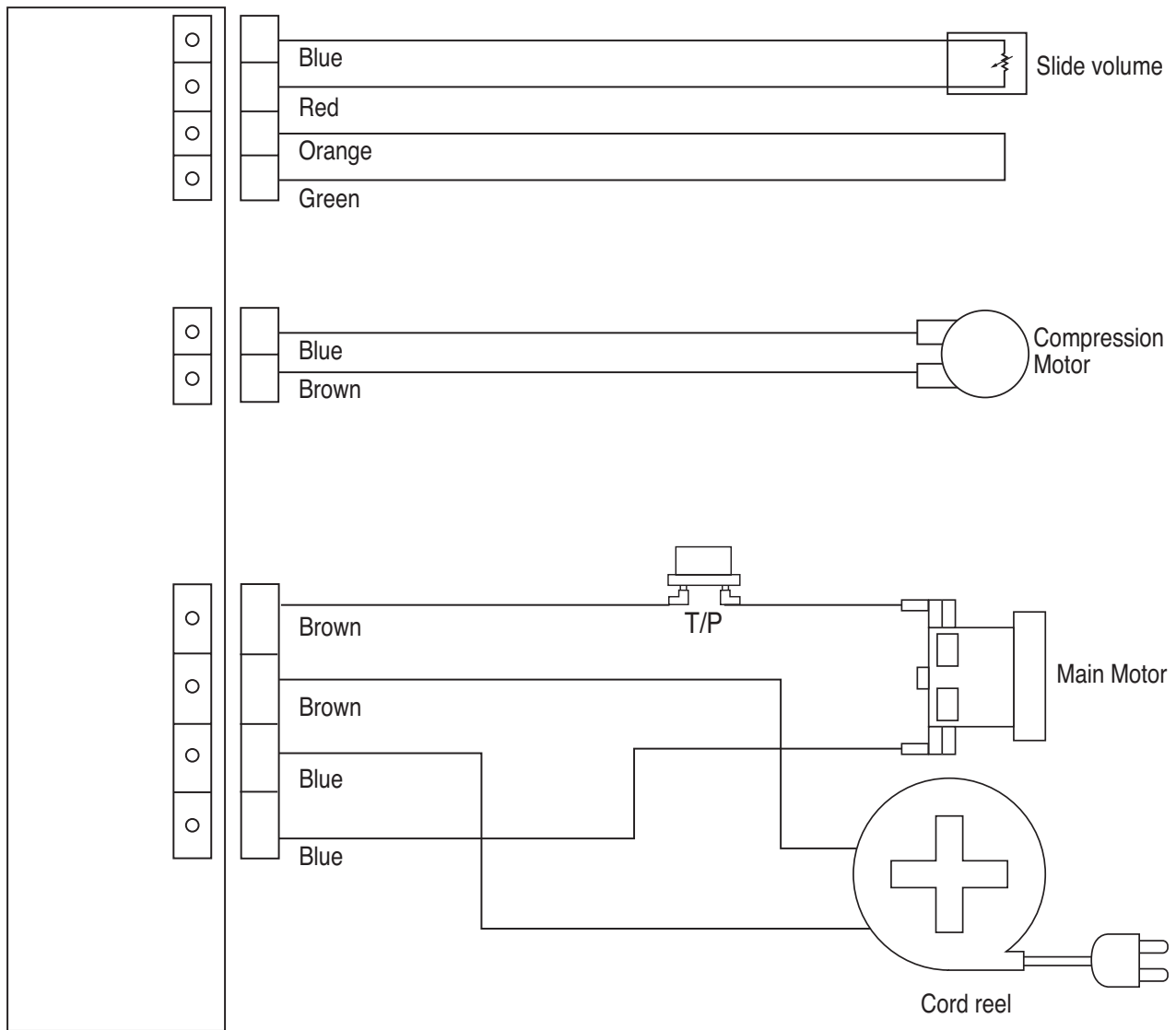
6. RADIO, TV RECEPTION DISTURBANCE



7. IMPROPER TUBE OF NOZZLE CONNECTION



SCHEMATIC DIAGRAM



EXPLODED VIEW

BODY BASE ASSEMBLY

VK73*****

VC73*****

VK79*****

VK89*****

ACQBM1

MCQBZ1

MCKBM1

MCQBM1

EAUBA1

AHDBR1

ACQBM2

ADQBE1

MCKBE1

MDSBA5

EADBS5

EADBS4

EBRBM1

MDSBA6

MDSBA4

MEKBM1

MCKBW1

ABNBA1

MDSBA3

AJWBA1

MAMBB1

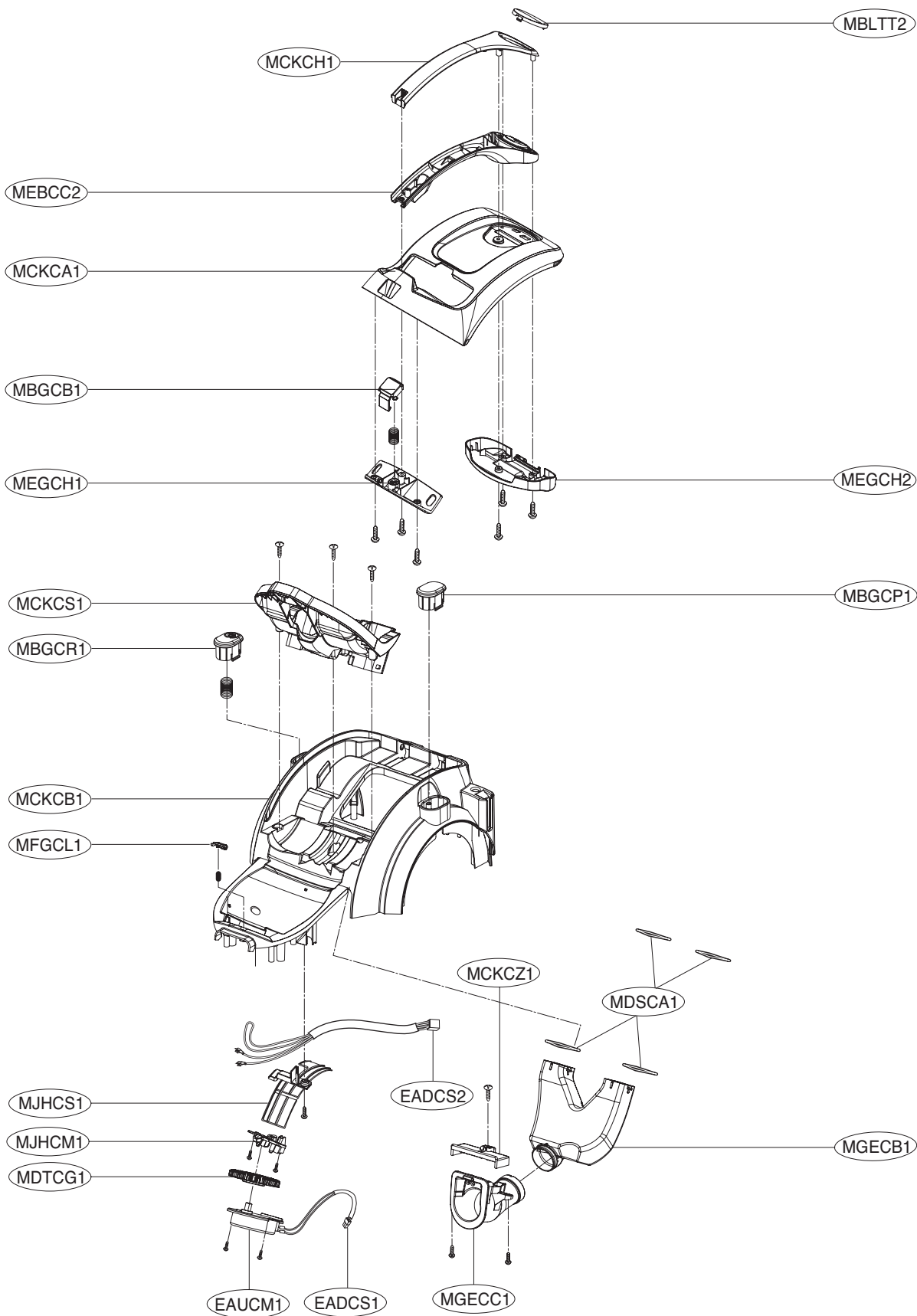
MCDBA1

MBDBB8

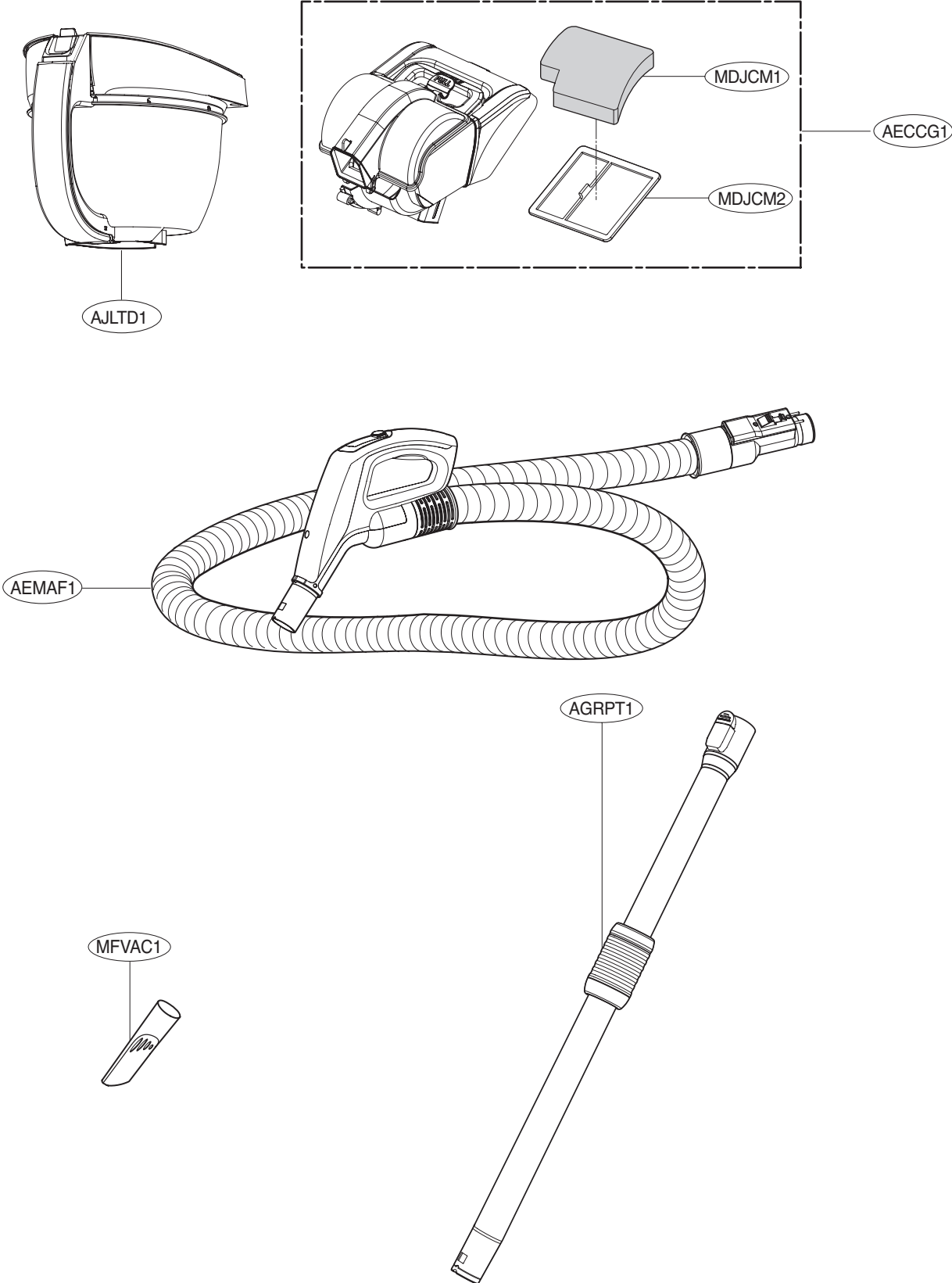
AHJBA1

MBDBB9













BODY COVER ASSEMBLY















ACCESSORIES/TANK ASSEMBLY DUST/GUIDE ASSEMBLY AIR















ACCESSORIES 1

Model	VK89601HQ	VC73201UHAP	VC73182UHAS	VC73181NHAB
Carpet & Floor  AGB69486511	✓	✓	✓	✓
Carpet master  AGB69504510		✓	✓	
Turbine  AGB69454410				
Floor  AGB73032420				
Quilt  AGB72932513				
Corner free  AGB73532407				
Hard floor  AGB69503112	✓			
Mop  AGB73112411				
Mini turbine  AGB69504607				
2 in 1  AGB69504607	✓	✓	✓	✓
DUSST BRUSH  ABC65852308				
UPHOLSTERY  AGB67611608				













ACCESSORIES 2

Model	VC73203UHAO	VC73184NHAR	VK89682HU	VK89304H
Carpet & Floor  AGB69486511	✓	✓	✓	✓
Carpet master  AGB69504510	✓		✓	
Turbine  AGB69454410				
Floor  AGB73032420				
Quilt  AGB72932513				
Corner free  AGB73532407				
Hard floor  AGB69503112				
Mop  AGB73112411				
Mini turbine  AGB69504607				
2 in 1  AGB69504607	✓		✓	✓
DUSST BRUSH  ABC65852308		✓		
UPHOLSTERY  AGB67611608		✓		

ACCESSORIES 3

Model	VK7320NHTG	VK7941UHA	VK7320NHAR	VK7320NHAB
Carpet & Floor  AGB69486511	✓		✓	✓
Carpet master  AGB69504510				
Turbine  AGB69454410		✓		
Floor  AGB73032420				
Quilt  AGB72932513				
Corner free  AGB73532407				
Hard floor  AGB69503112				
Mop  AGB73112411				
Mini turbine  AGB69504607				
2 in 1  AGB69504607			✓	✓
DUSST BRUSH  ABC65852308	✓	✓		
UPHOLSTERY  AGB67611608	✓	✓		

ACCESSORIES 4

Model	VK7320NHAG1	VK7320NHAR1	VK7320NHAB1	
Carpet & Floor  AGB69486511	✓	✓	✓	
Carpet master  AGB69504510				
Turbine  AGB69454410				
Floor  AGB73032420				
Quilt  AGB72932513		✓	✓	
Corner free  AGB73532407	✓			
Hard floor  AGB69503112				
Mop  AGB73112411				
Mini turbine  AGB69504607				
2 in 1  AGB69504607	✓	✓	✓	
DUSST BRUSH  ABC65852308				
UPHOLSTERY  AGB67611608				

