

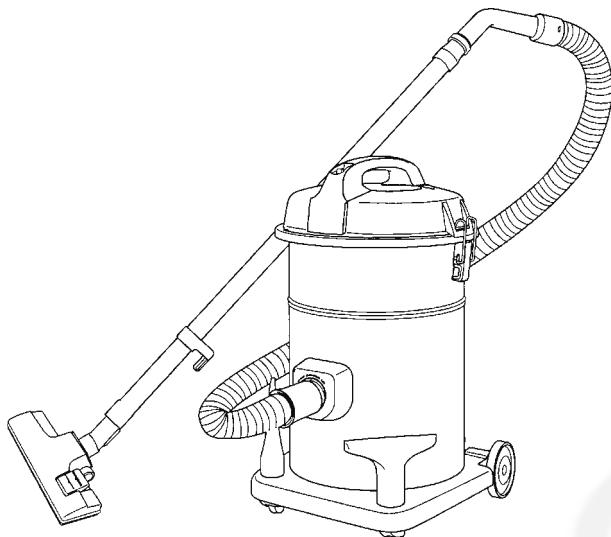
Service Manual

Vacuum Cleaner

Model No. **MC-YL799-N147**

MC-YL799-N149

MC-YL799-N747



Product Color

Destination

: Gold

: 1.UAE -----YL799-N147

2.Oman Kuwait -----YL799-N149

3.Saudi Arabia Kuwait ---YL799-N747

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by **⚠** in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

•The specifications and the parts of this product are subject to change without notice for performance improvement or other purposes.

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1 Specifications

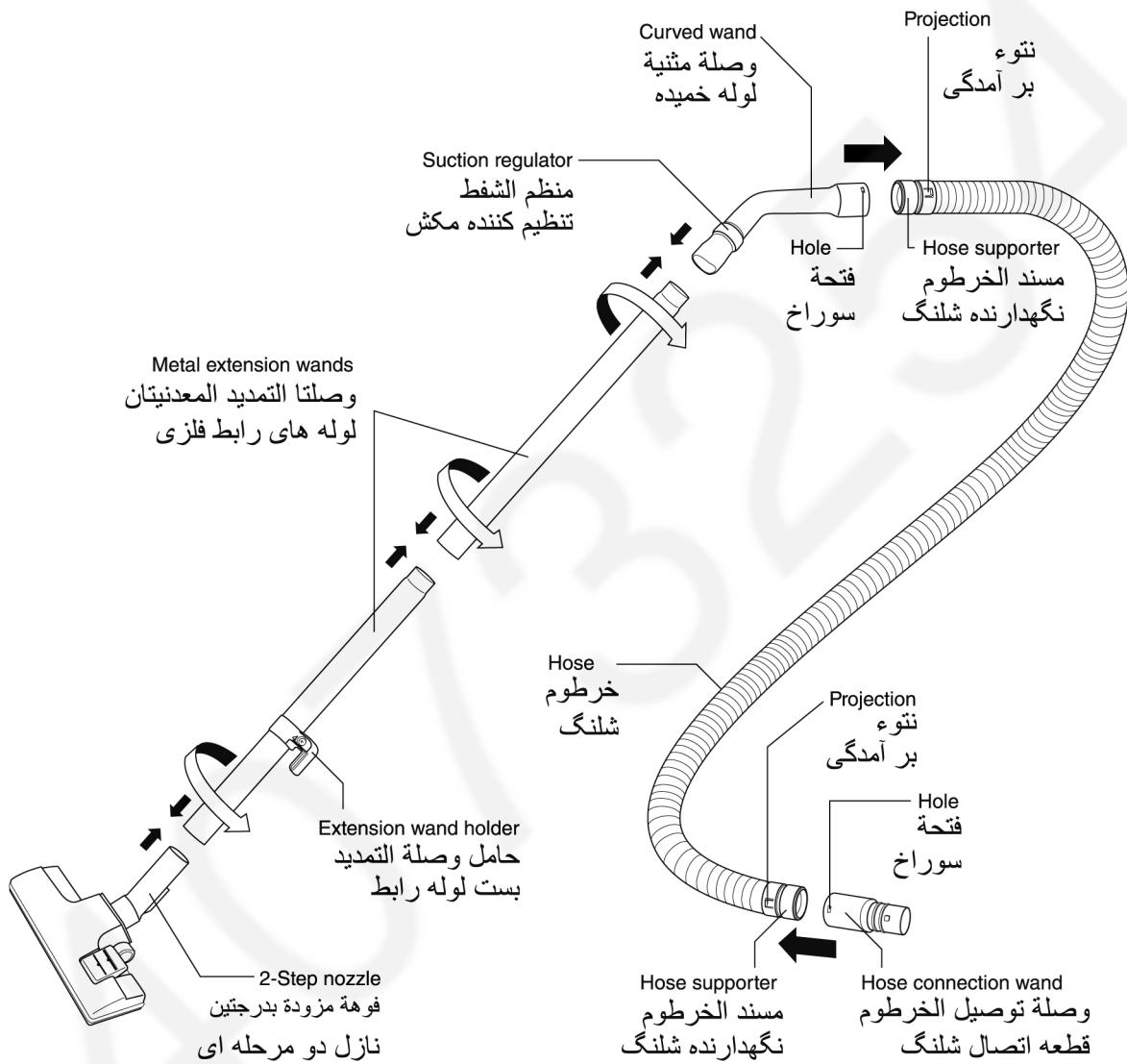
Model No.	MC-YL799
Motor power	2400W
Dust capacity	21.0L
Cord Length	8.0m
Weight (With Attachments)	7.8kg
Extension Wand	METAL × 2
Blower Operation	O
Floor Nozzle	2-Step
Attachments	Crevice Tool / Upholstery Nozzle

Specifications are subject to change without notice for further improvement.

2 Location of Controls and Components

PART NAMES AND THEIR ASSEMBLY

أسماء الأجزاء وتركيبها
نام قطعات و نصب آنها



NOTE

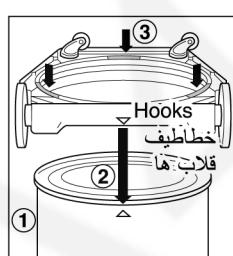
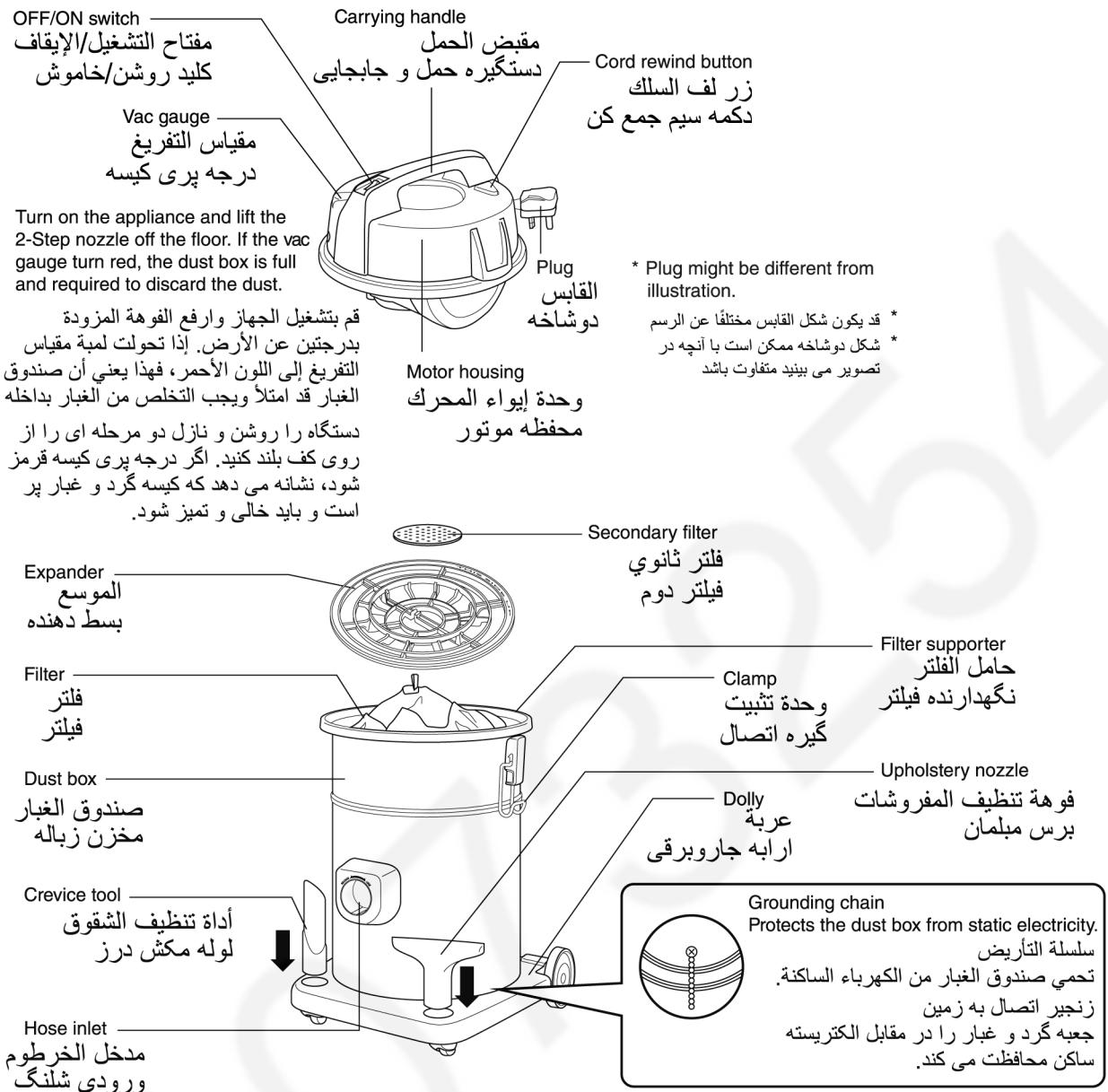
- At the beginning when you purchase this product, accessories like curved wand, hose, crevice tool and upholstery nozzle are located inside the dust box.
- Push together until the projection clicks into place in the curved wand / hose connection wand hole.

ملاحظة

- عند بداية شراء هذا المنتج، فإن بعض الملحقات، مثل الوصلة المثنية والخرطوم وأداة تنظيف الشقوق وفوهة تنظيف المفروشات، تكون داخل صندوق الغبار.
- ادفع الأجزاء معًا حتى صدور صوت يدل على استقرار النتوء في موضعه في الوصلة المثنية/فتحة وصلة توصيل الخرطوم.

توجه

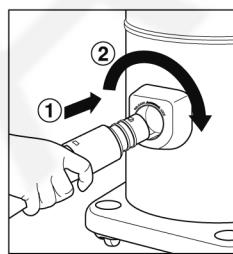
- در ایندا که این محصول را خریداری می کنید، تجهیزات جانبی آن مانند لوله خمیده، شلنگ، لوله مکش شکافها و درزها و برس مبلمان (نازل اثاثیه و مبلمان) در محفظه گرد و غبار قرار دارند.
- برآمدگی لوله خمیده را خوب در حفره رابط ورودی وصل لوله جاروبرقی وارد نمایید تا خوب جای بیند و صدایی شبیه کلیک را بشنود.



- Align the triangle markings and push in the dust box until it clicks into place with the dolly. (Once it is fixed into place, it cannot be removed.)

قم بمحاذاة العلامات مثلثة الشكل وادفع صندوق الغبار حتى سمع صوت يدل على استقراره في موضعه في العربة. (عندما يثبت في موضعه، لن يمكن إزالته.)

- علامت سه گوش را خوب بر هم منطبق و تنظیم نموده، مخزن زباله را با فشار جا بزنید به نحوی که (مخزن زباله به خوبی بر روی چراغ سوار و نصب شود).

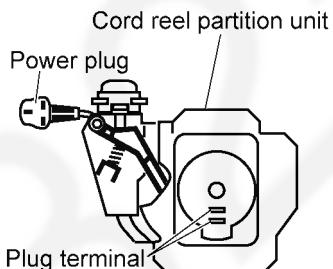


- Insert the hose connection wand into the hose inlet.

أدخل وصلة توصيل الخرطوم بمدخل الخرطوم

• رابط لوله ای اتصال شلنگ را در قسمت ورودی شلنگ قرار دهید.

3 Troubleshooting Guide

CONDITION	CHECKPOINT	METHOD OF INSPECTION	CAUSE / REMEDY
Fan motor unit fails to rotate when it is switched on	Meltdown of fuse unit	<ul style="list-style-type: none"> Check fuse continuity. (Visual and conduction check) 	Replace the main switch unit (with fuse). *Check the fan motor unit at same time. There may be the possibility of a motor problem
	Continuity of Cord reel partition unit	<ul style="list-style-type: none"> Check that there is conduction between the power plug and the plug terminal using a tester. Check the state of connection of the flag terminals to the plug terminals.(Check that there is no looseness.) <p>Also check for the presence/absence of protrusion and line breakage in the lead wires and flag terminals.</p> 	Replace the cord reel partition unit
	Continuity of the main switch unit	<ul style="list-style-type: none"> Check with tester between both terminals on the switch, while turning switch ON/OFF. 	If there is no continuity, replace the main switch unit (with fuse).
	Check of the motor connection faston terminals	<ul style="list-style-type: none"> Check if it is securely connected by pulling on the lead wire. 	Securely connect.
	Continuity of the fan motor unit	<ul style="list-style-type: none"> Check the continuity between both terminals (1.Blue connection of lead wire 2.Brown connection of lead wire) (lead wire connection terminal) of the fan motor unit. 	If there is not continuity, replace the fan motor unit. (Disconnection of the coil inside the motor)
	Wearing of the carbon brush	<ul style="list-style-type: none"> Visually check if one side of the carbon brush is worn out abnormally. 	Replace the fan motor unit.
Suction is weak	Clogging in Curved pipe unit / Joint pipe unit / Nozzle assy / Hose unit	<ul style="list-style-type: none"> Check for clogging in each part 	Remove dust or replace parts
	Clogging in the cloth bag unit / Secondary filter	<ul style="list-style-type: none"> Check for clogging in each part 	Clean
Abnormal sound	Indicator pipe unit (Air protector)	<ul style="list-style-type: none"> Is it full of dust? Clogging 	Clean Remove dust from each parts
	Fan motor unit	<ul style="list-style-type: none"> Problem with the fan motor unit or carbon brush 	Replace the fan motor unit.

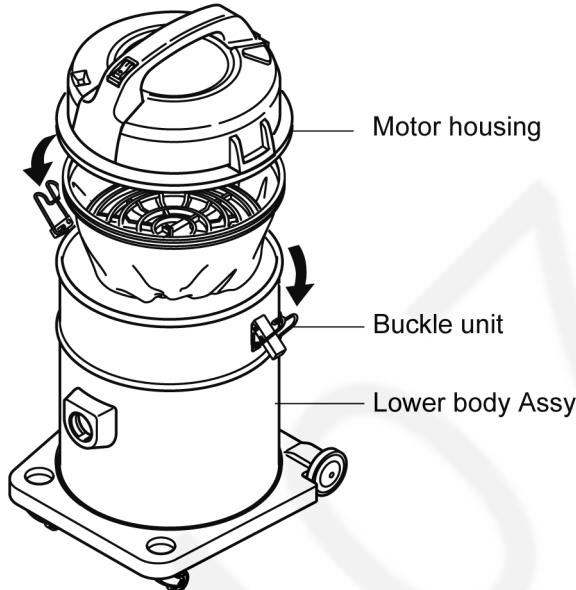
4 Disassembly and Assembly Instructions

Caution:

1. When disassembling, check the component fitting state and wirings. After repairing, always restore them to the original state.
2. Carefully handle the removed components, packing, etc. If they are damaged, then replace them with new ones.
3. After repairing, check that the components, etc., in the vicinity of the repaired sections are not damaged, the removed components are in place, and the wirings are restored to the original state. Carry out the test run. Also check that the following requirements are met.
 - Insulation resistance
Must be $5\ \Omega$ or more when a DC voltage of 500 V is applied across the power plug and the motor core for one second.
 - Dielectric strength
Must withstand an AC voltage of 1,250 V applied across the power plug and the motor core for one minute.
4. Do not alter the model, parts, or materials during repair.
5. If a wiring unit is supplied as a repair part, replace the whole unit with the new one instead of repairing or reconnecting the broken portions only.
6. Insert/remove the fast-on terminals by pushing/pulling them straight out without jiggling them or applying unnecessary force.

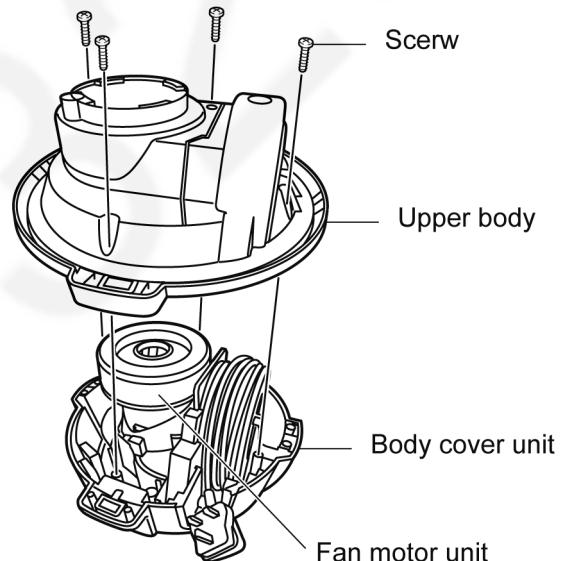
4.1. Motor housing and the lower body unit separation

1. Remove the buckle unit, and remove the motor housing from the lower body Assy.

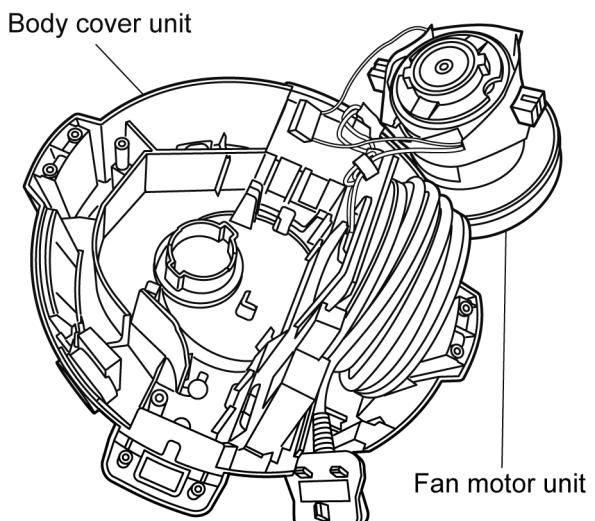


4.2. Fan motor unit removal

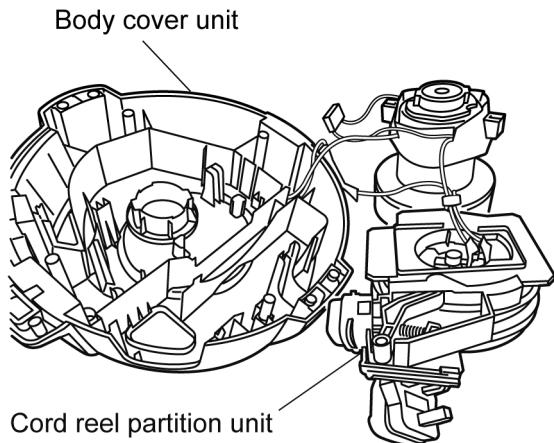
1. Flip the motor housing, and remove the 4 screws holding the upper body with the body cover unit, and remove the upper body.



2. Take the fan motor unit from the body cover unit.

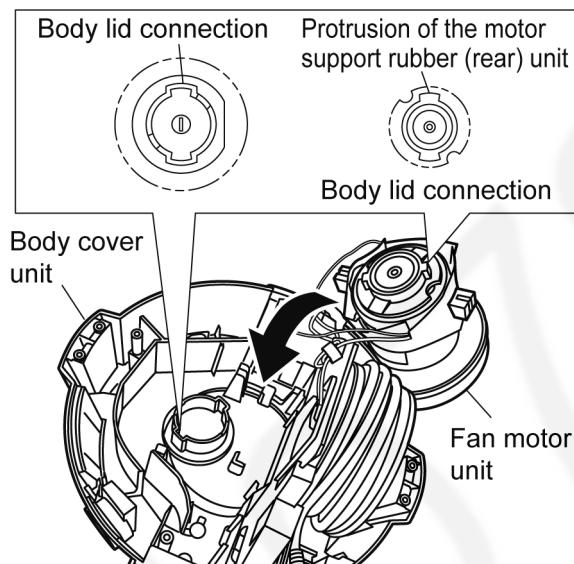


3. Take the cord reel partition unit out from the body cover unit.



<Assembly precaution>

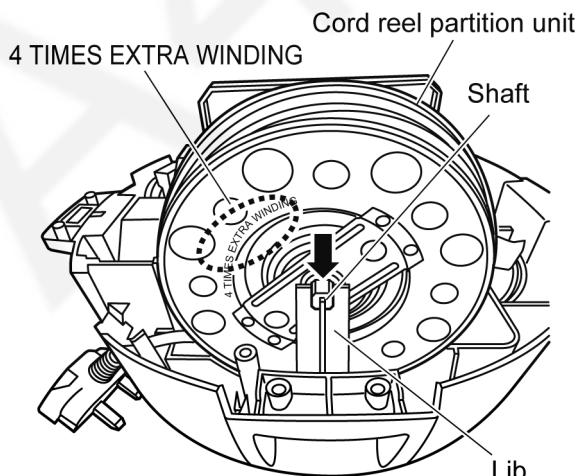
When mounting, align form of the motor support rubber (rear) unit with form of the body cover connection



4. Mounting align the shaft of the cord reel to the rib of the body cover unit.

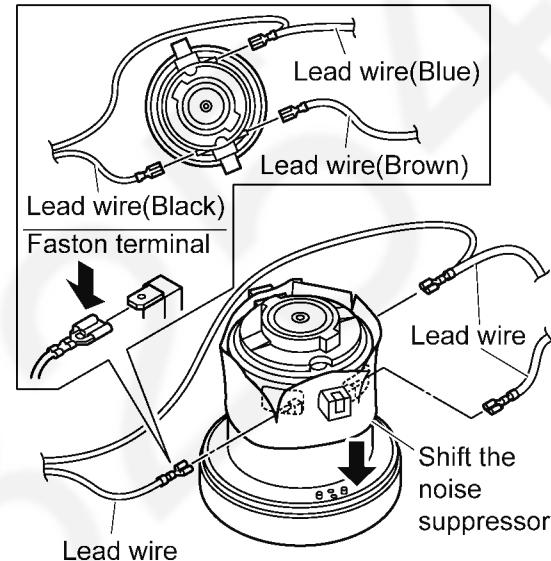
(About the extra winding of the wire)

*Extra winding : 4 times

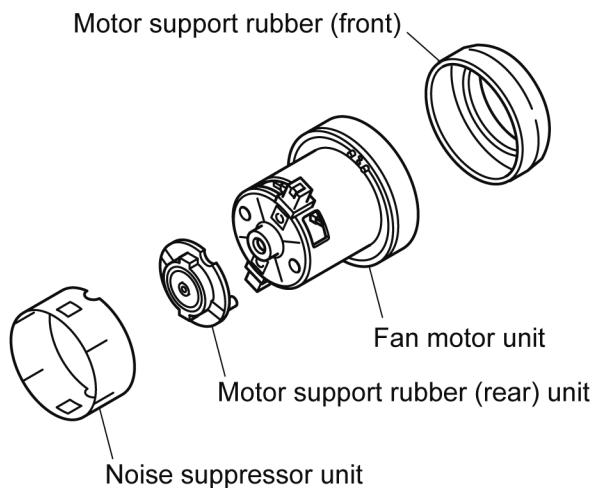


5. Remove the lead wires by shifting the noise suppressor unit.

* Take care not to damage the noise suppressor when shifting the noise suppressor unit.



6. Remove the noise suppressor unit, the motor support rubber (front), and the motor support rubber (rear) unit.



7. Remove the lead wires.

* There is a tape (glass tape) wrapped on the faston terminals, and when removing the faston terminals, press on to the protrusion on the faston terminal (arrow) as shown in fig.

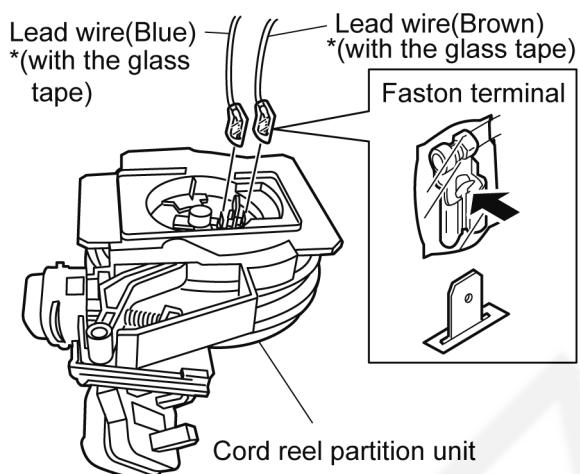
It can be removed by pressing on the tape from above.

* When mounting the cord reel partition unit, make sure to wrap the faston terminals of the connected lead wires with the glass tape.

WARNING

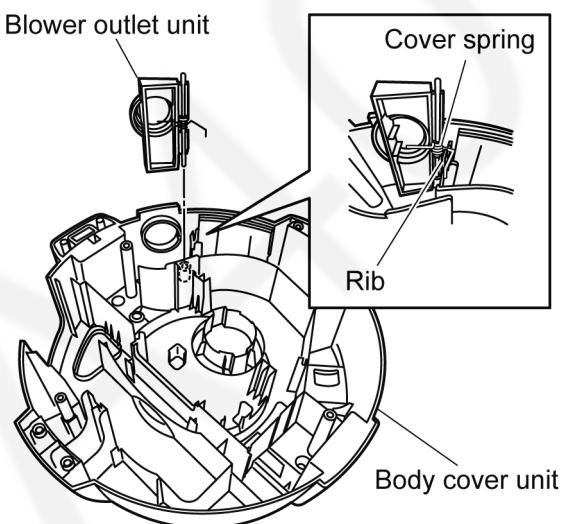


Pull the faston terminals straight out without twisting.



4.3. Blower outlet unit removal

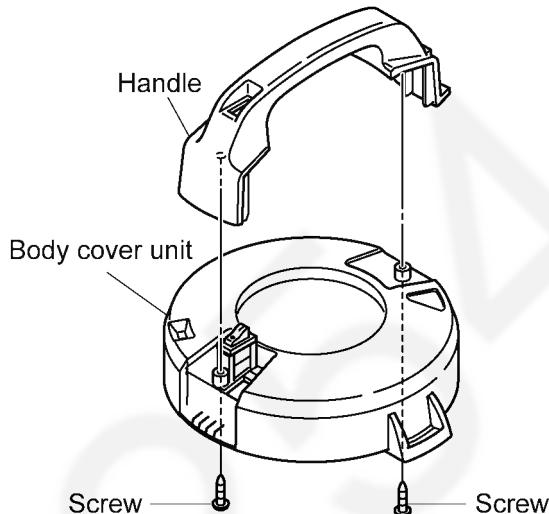
1. Remove the blower outlet unit from the body cover unit.



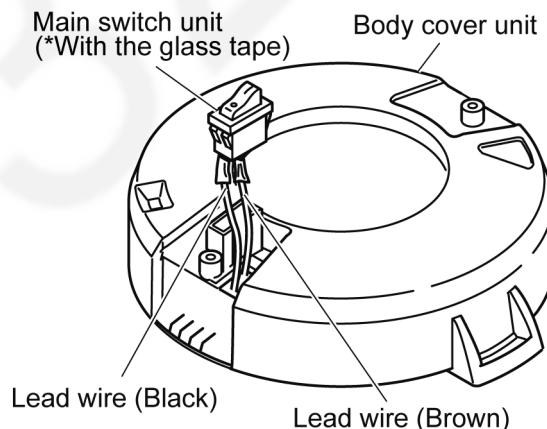
* Locations of parts mounted to Blower outlet unit

4.4. Main switch unit (with fuse) removal

1. Remove the 2 screws mounting the handle.
2. Flip the body cover unit and remove the handle.



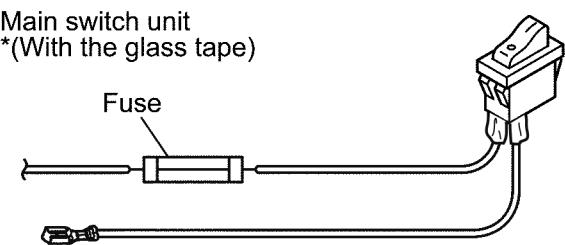
3. Remove the main switch unit and replace with the new main switch unit.



* Main switch unit has a fuse built-in.
Also, there are tapes (glass tapes) wrapped on each part.

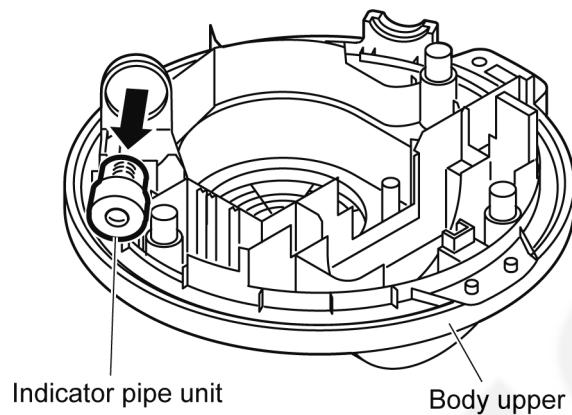
4.5. Fuse replacement

* Fuse is supplied by the main switch unit (with fuse)



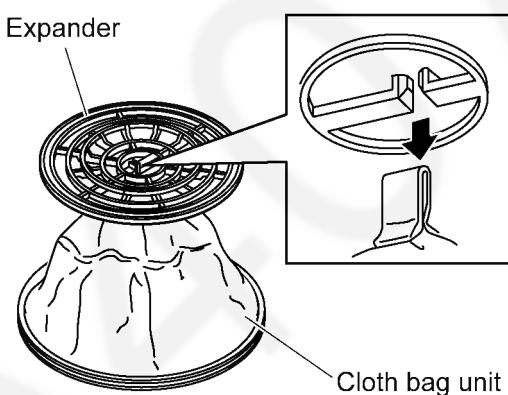
4.6. Indicator pipe unit removal

1. Remove the indicator pipe unit from the body upper.

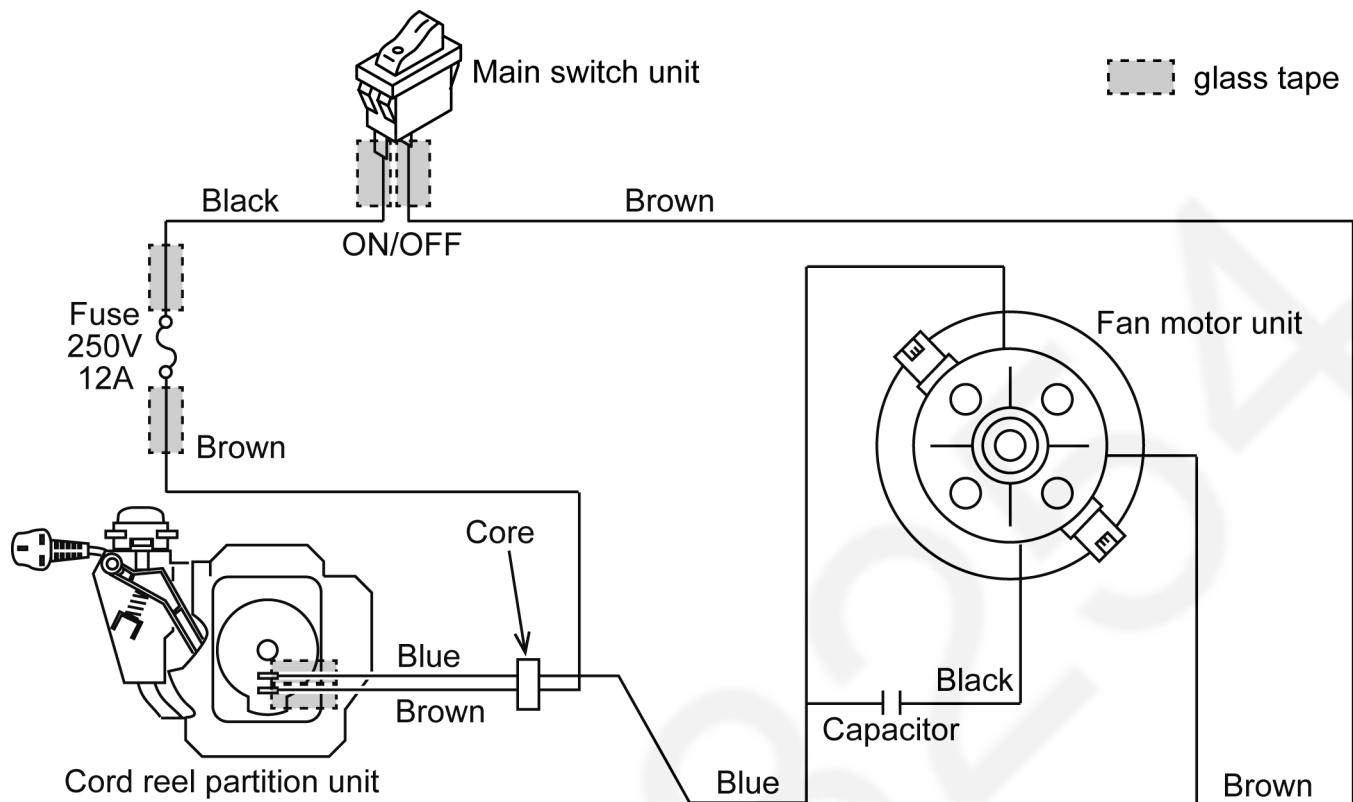


4.7. Cloth bag unit removal

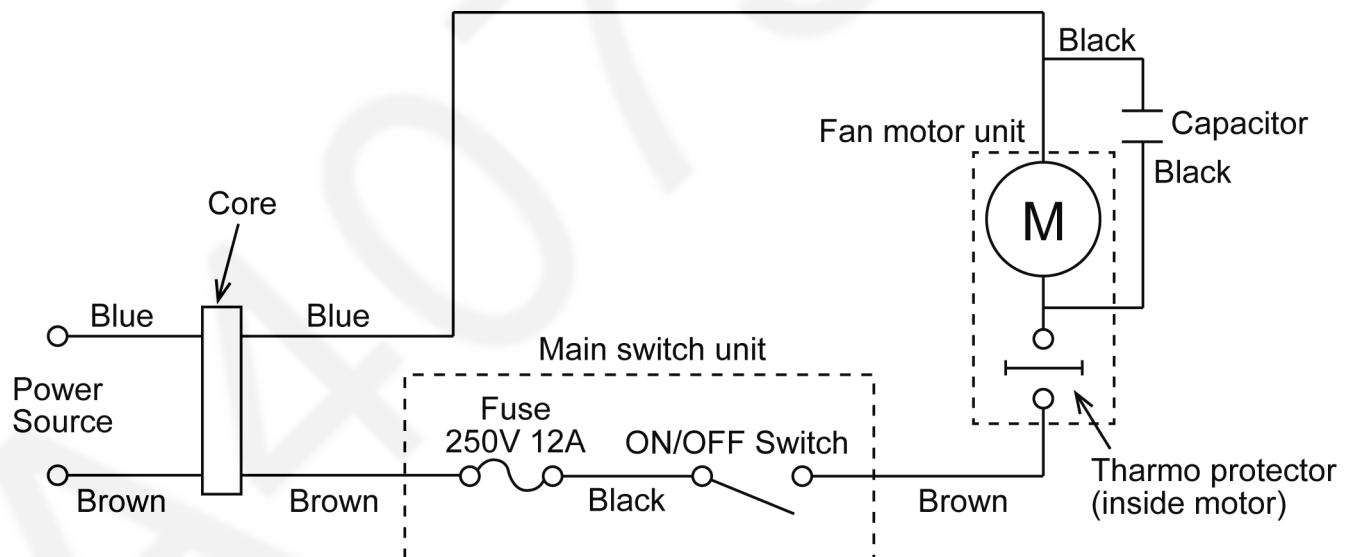
1. Remove the cloth bag unit from the expander.



5 Wiring Connection Diagram



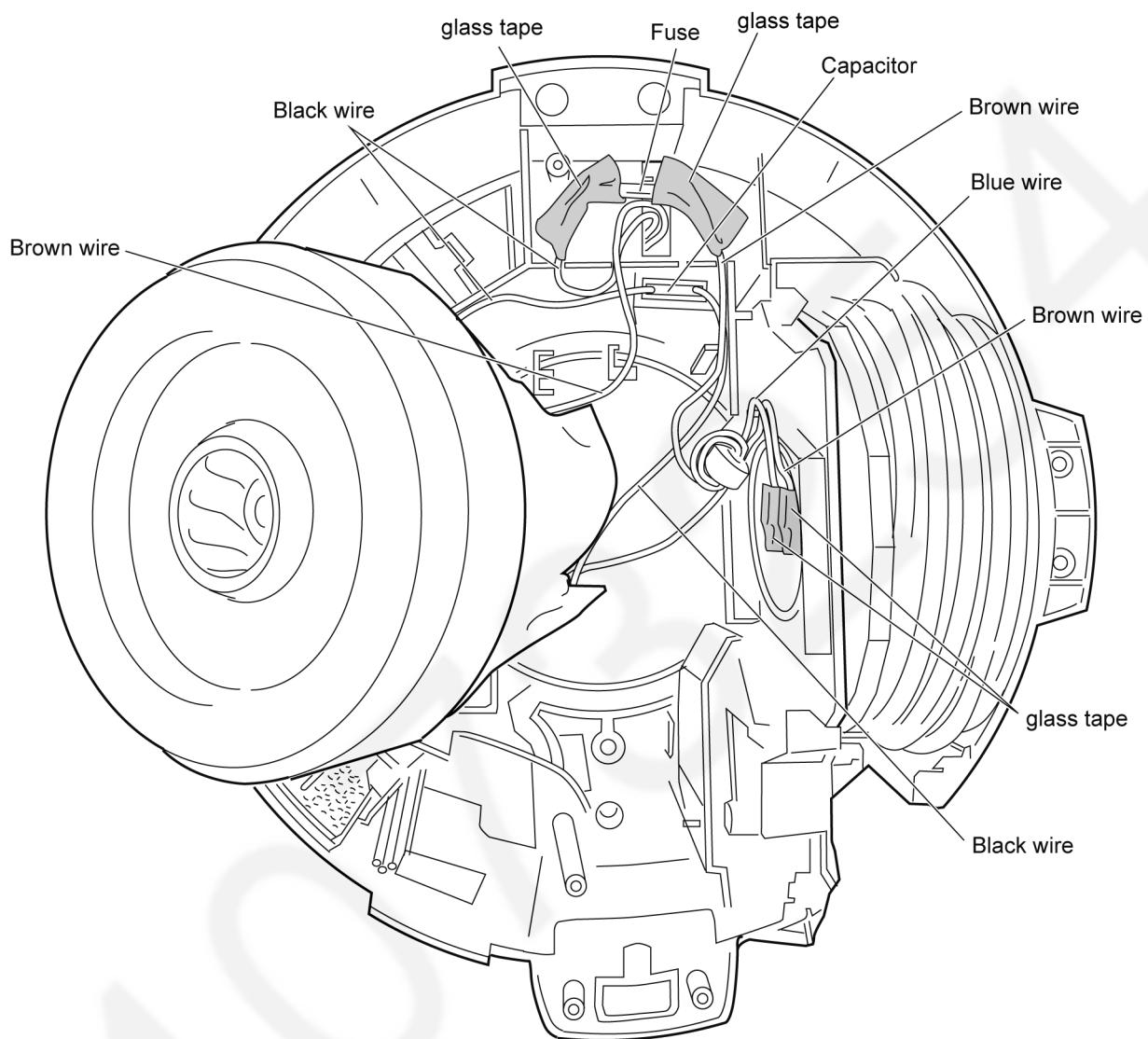
6 Schematic Diagram



7 Pictorial Diagram

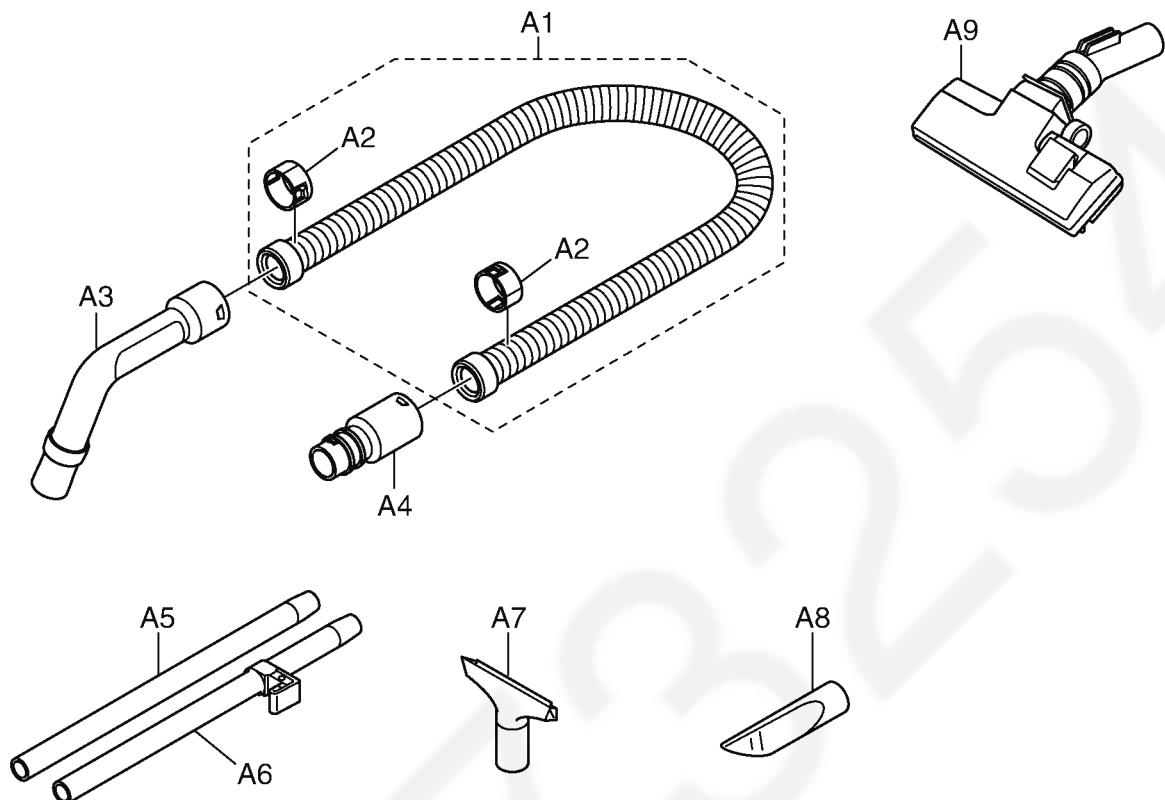
NOTE: After servicing any electrical component or electrical enclosure, the unit should be reassembled and checked for dielectric breakdown or current leakage.

Use Glass Tape (Refer to "Replacement Parts List") whenever original tape is removed



8 Exploded View and Replacement Parts List

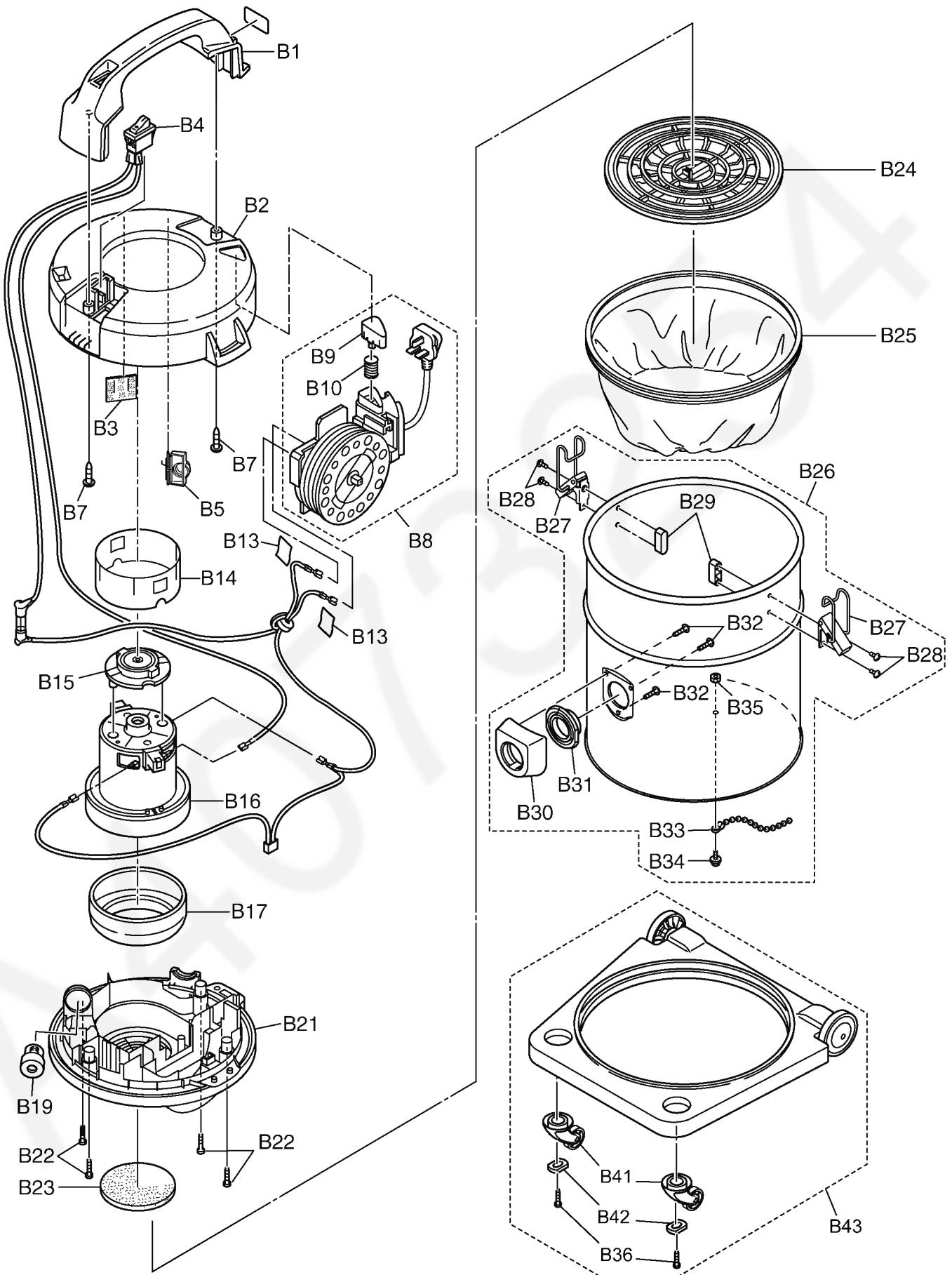
8.1. EXPLODED VIEW (ATTACHMENTS)



8.2. PARTS LIST (ATTACHMENTS)

Safety	Ref. No	Service Parts No.	Part Name & Description	Q'TY	Remarks
	A1	AMV84P7X000J	HOSE UNIT	1	(HOSE) WITH PROJECTION
	A2	AMC24P-0R0V	HOSE SUPPORTER	2	(PROJECTION)
	A3	AMC98P4Y000J	CURVED PIPE UNIT	1	(CURVED WAND) WITH SUCTION REGULATOR
	A4	AMV09PLV0K0J	JOINT PIPE UNIT	1	(HOSE CONNECTION WAND)
	A5	AMC99PDE000J	EXTENSION WAND ASSY	1	(METAL EXTENSION WANDS)
	A6	AMV99P81000J	EXTENSION WAND ASSY	1	(METAL EXTENSION WANDS) WITH EXTENSION WAND HOLDER
	A7	AMV86R81000J	UPHOLSTERY NOZZLE UNIT	1	(UPHOLSTERY NOZZLE)
	A8	AMC60R-DB03	CREVICE TOOL	1	
	A9	AMC99R-RS0U	NOZZLE ASSY	1	(2-STEP NOZZLE)

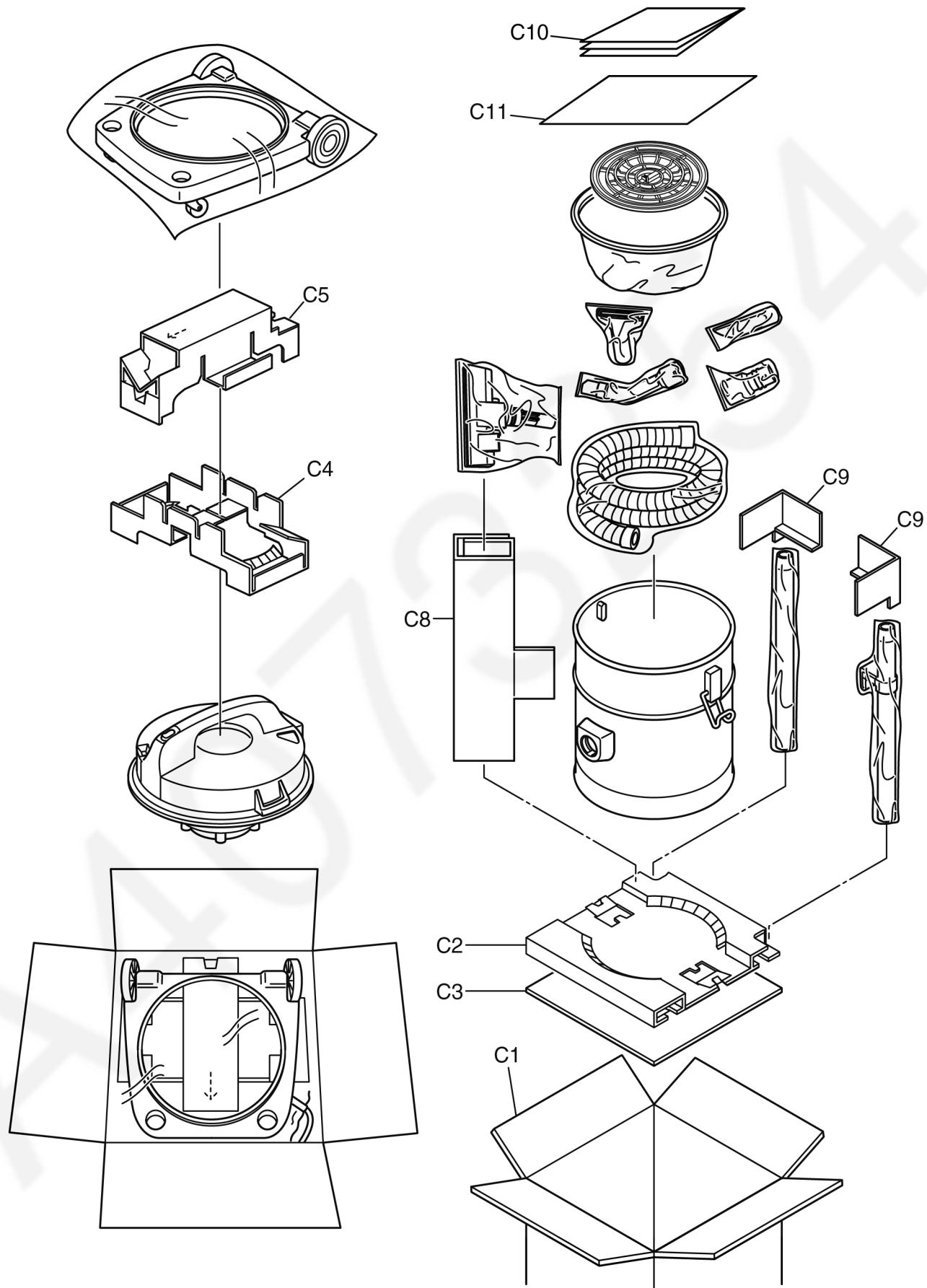
8.3. EXPLODED VIEW (BODY UNIT)



8.4. PARTS LIST (BODY UNIT)

Safety	Ref.No	Service Parts No.	Part Name & Description	Q'TY	Remarks
	B1	AMV01BL0K0J	HANDLE	1	(CARRYING HANDLE)
	B2	AMV92ALV0K0J	BODY COVER UNIT	1	(MOTOR HOUSING)
	B3	AMV85LLD000J	EXHAUST PACKING UNIT	1	
⚠	B4	AMV98ELD000J	MAIN SWITCH UNIT	1	
	B5	AMV96LLD0K0J	BLOWER OUTLET UNIT	1	WITH COVER SPRING
	B7	XTT4+20BFJ	TRUSS SCREW	2	
⚠	B8	AMV91NLD0K5J	CORD REEL PARTITION UNIT	1	MC-YL799-N147/MC-YL799-N747
⚠	B8	AMV91NLD0KQJ	CORD REEL PARTITION UNIT	1	MC-YL799-N149 ONLY
	B9	AMV46NLD0Y0J	CORD REWIND BUTTON	1	
	B10	AMV71NBW000J	SPRING BRAKE BUTTON	1	
⚠	B13	AMC0NA-ZK0	GLASS TAPE	1	
	B14	AMV0NA81000J	NOISE SUPPRESSOR UNIT	1	
	B15	AMV0AF99000J	MOTOR SUPPORT RUBBER REAR UNIT	1	
⚠	B16	AMV92FB7000J	FAN MOTOR UNIT	1	AC220V-240V
	B17	AMC02FQU000J	MOTOR SUPPORT RUBBER FRONT	1	
	B19	AMV99M81000J	INDICATOR PIPE UNIT	1	(VAC GAUGE)
	B21	AMV02ALD0K0J	UPPER BODY	1	
	B22	XTN4+25BFJ	SCREW	4	
	B23	AMC30K-QN0	FILTER	1	(SECONDARY FILTER)
	B24	AMV18KFP000J	EXPANDER	1	
	B25	AMV99K810HOJ	CLOTH BAG UNIT	1	(FILTER)
	B26	AMV0QALV0K0J	LOWER BODY ASSY	1	
	B27	AMV99D810K0J	BUCKLE UNIT	2	(CLAMP)
	B28	XTN4+12BFJ	SCREW	4	
	B29	AMV32D81000J	BUCKLE PLATE	2	
	B30	AMV01HLD0K0J	FRONT COVER	1	(HOSE INLET)
	B31	AMV50KLD0K0J	VALVE GROMMET	1	
	B32	XTT35+16BFJ	SCREW	3	
	B33	AMC56HQN000J	GROUNDING CHAIN	1	
	B34	XYN3+F8FJ	SCREW	1	
	B35	XNG3EFJ	NUT	1	
	B36	XTN4+16BFJ	SCREW	2	
	B41	AMC95C0E0K0J	CASTER UNIT	2	
	B42	AMC26C-B00	CASTER WASHER	2	
	B43	AMV94ALD0K0J	FRAME UNIT	1	(DOLLY)

8.5. PACKING INSTRUCTIONS



8.6. PACKING LIST

Safety	Ref.No	Service Parts No.	Part Name & Description	Q'TY	Remarks
	C1	AMV61ZLV0N0J	INDIVIDUAL CARTON	1	
	C2	AMV63ZLV000J	BOTTOM PLATE	1	
	C3	AMC56Z-QN0	CUSHION BOTTOM	1	
	C4	AMV70ZLV000J	CUSHION B	1	
	C5	AMV69ZLV000J	CUSHION A	1	
	C8	AMV78ZLV000J	SUPPORTER	1	
	C9	AMV72ZLV000J	CUSHION PLATE A	2	
	C10	AMV01ZLV000J	INSTRUCTION BOOK	1	
	C11	AMV21ZLV000J	NOTE LABEL	1	
	-	AMV10Z99000J	BODY BAG	1	