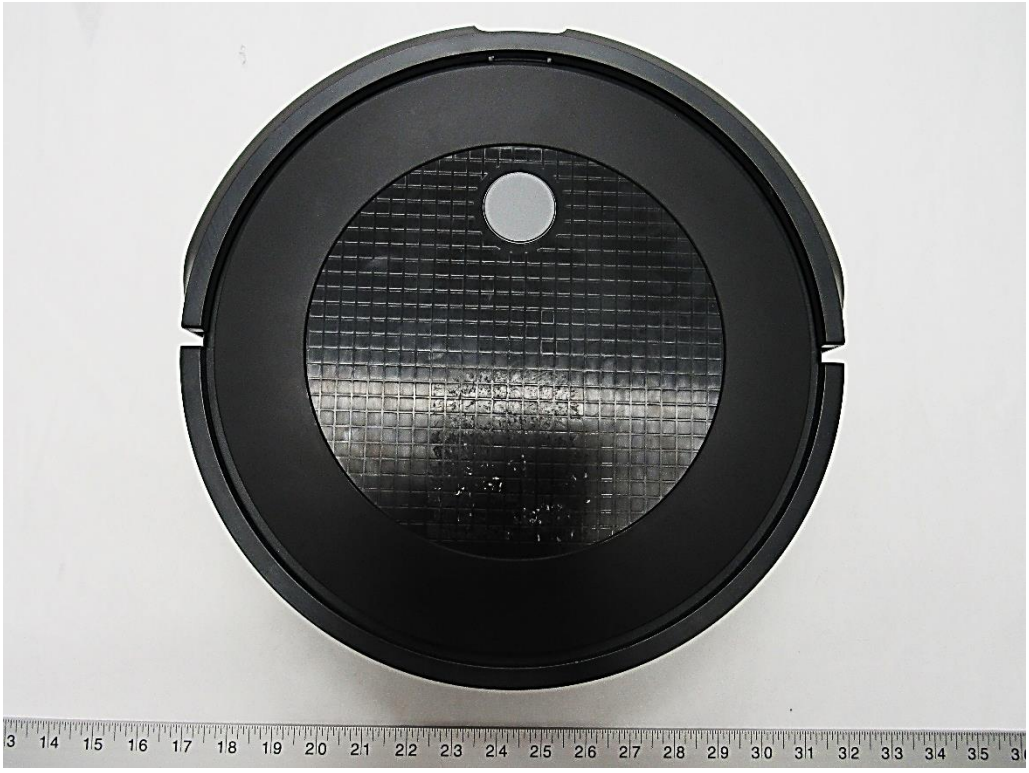
1. Manufacturer Information

Manufacturer:	**iRobot Corporation**
Address:	8 Crosby Drive, Bedford, MA 01730
Website:	www.irobot.com
File Number:	US22VF8O.001



2. Product Information

Model Identification	RVE-Y2
Product Description	Vacuum Cleaning Robot
Type Designation(s):	Ruby
WEEE Category:	Category 5 (Small equipment)
Weight [g]:	2970.6g
Recyclability:	77.99%

▲	**Type I**	**Material/components which must be removed and treated separately According to Annex II of the 2012/19/EU (WEEE) directive.**
■	**Type II**	**Material/components which can disturb certain recycling processes.**
●	**Type III**	**Material/components which have an economic value at end-of-life.**

3. Recycling Information: (Optional)

- Are plastic parts >10g marked according to ISO 11469?
- Is the product manufactured of 20% recycled material?

4. Directives and Standards: (Optional)

The following directives and standards have been considered:

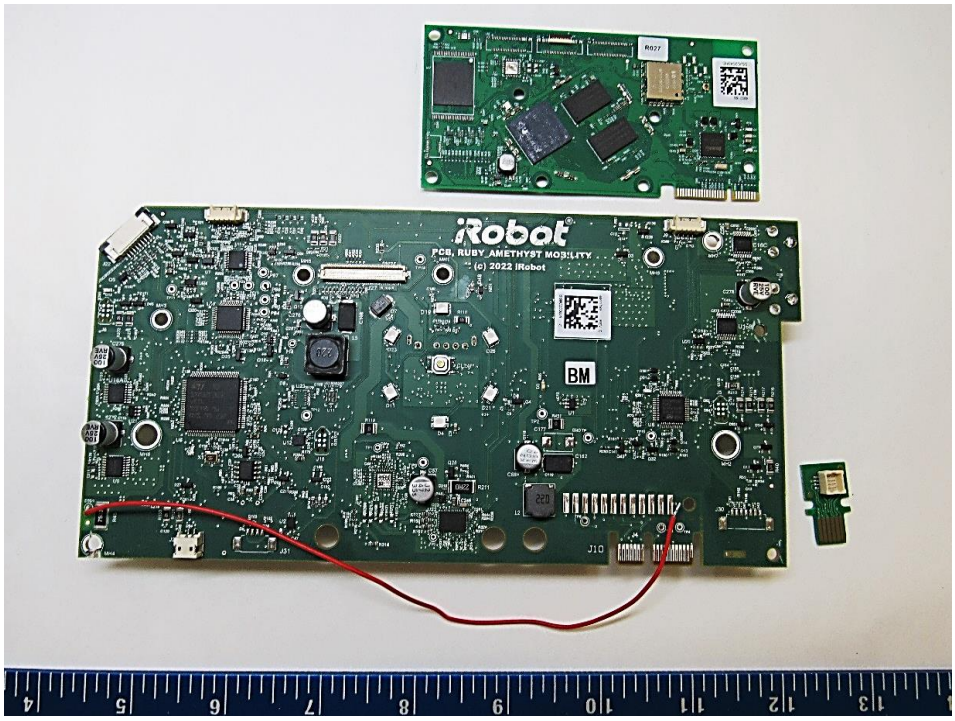
- EN 50419:2006 - “Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2012/19/EU (WEEE)

- 2012/19/EU - Directive 2012/19/EU of the European Parliament and of the Council of July 4, 2012 on waste of electrical and electronic equipment (WEEE)

- ISO 11469 - “Generic Identification and Marking of Plastic Products”

5. Instructions for removing materials/components which must be removed and treated separately:

1

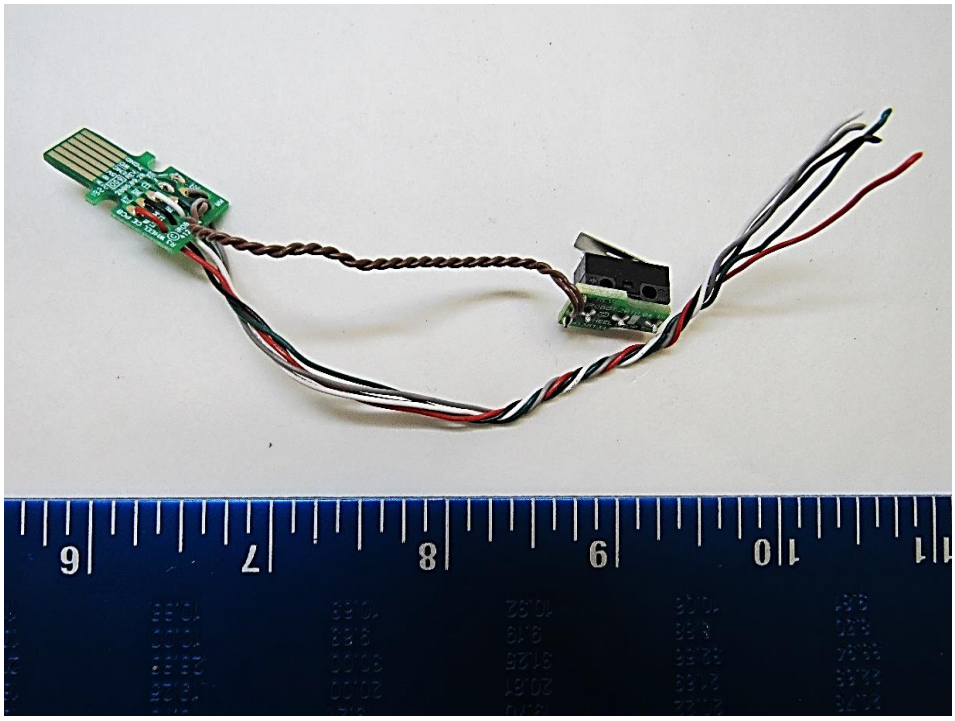


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
1	PCB / Mixed Components	PCB	100	Treat Separately, 50% Recycle

5. Instructions for removing materials/components which must be removed and treated separately:

2

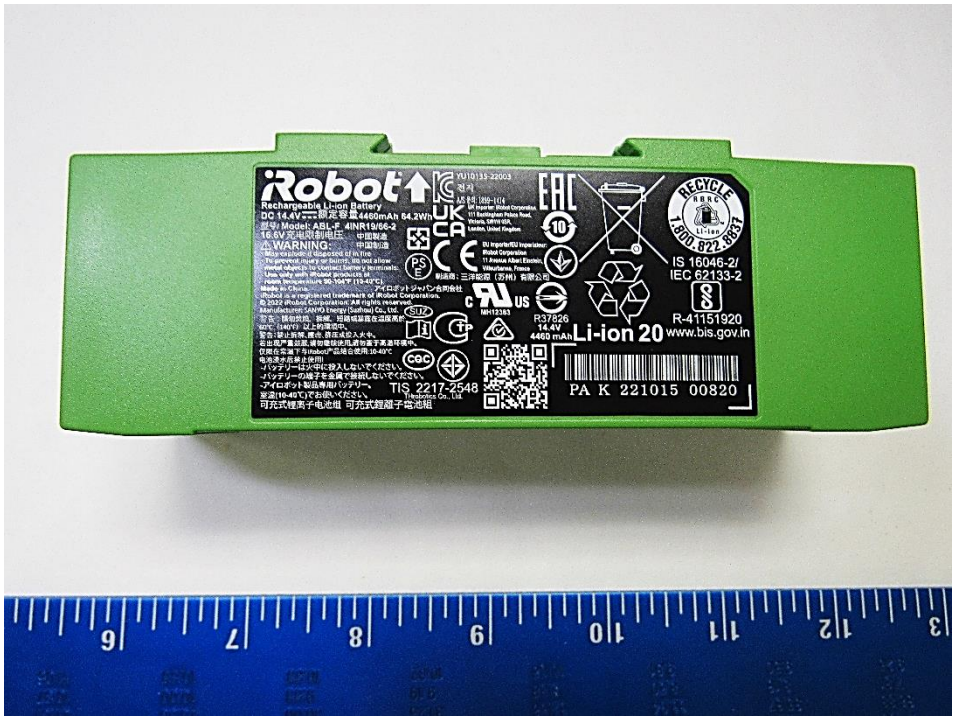


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
2	Non-Reusable Switch	Mixed	2.9	Treat Separately, 50% Recycle

5. Instructions for removing materials/components which must be removed and treated separately:

3

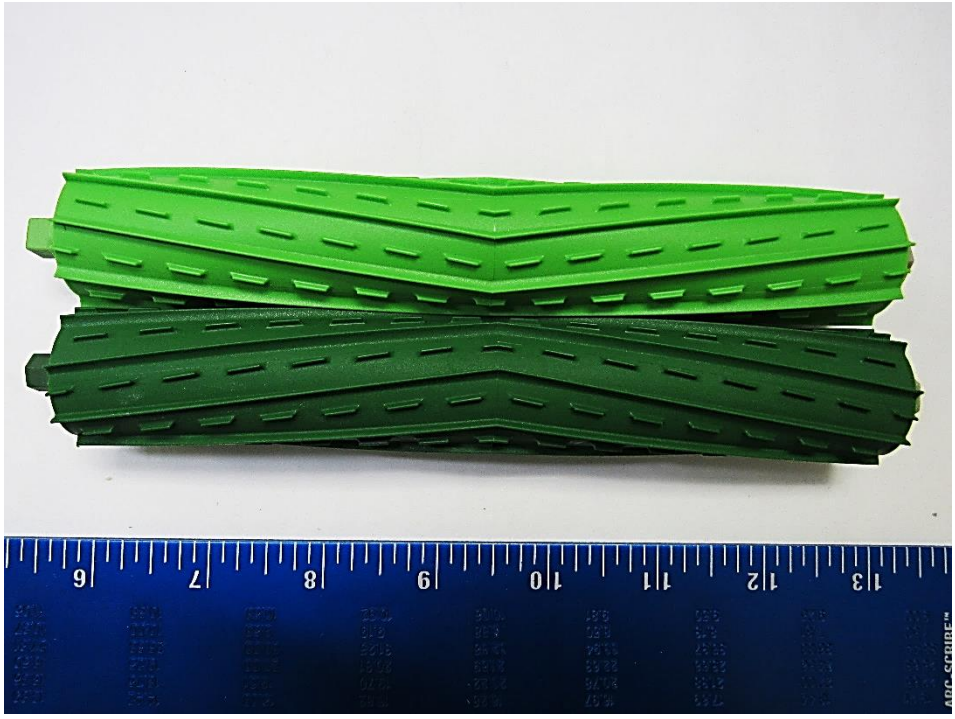


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
3	Battery	Battery	452.9	Treat Separately < Refer To Batteries Directive (2006/66/EC)>

5. Instructions for removing materials/components which must be removed and treated separately:

4



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
4	Multi-Surface Brushes	Mixed	71.3	Treat Separately, 30% Recycle

6. Components/materials which may disturb certain recycling processes

1

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
1	Dirt Catch Compartment	Mixed Non-ID Plastic	180.5	Incinerate

6. Components/materials which may disturb certain recycling processes

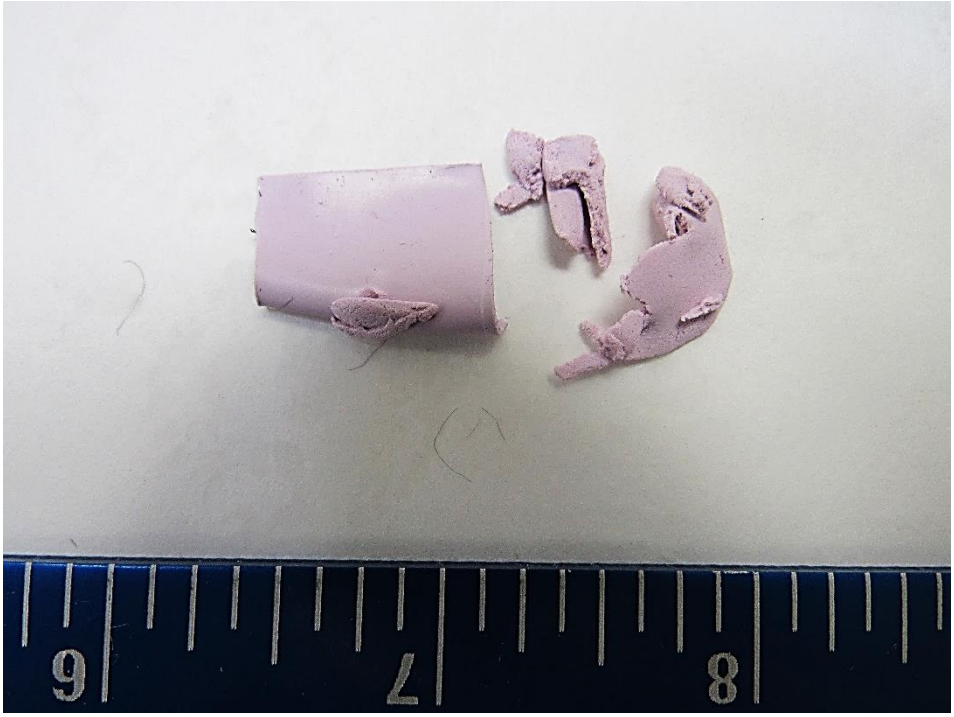
2

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
2	Gears	Non-ID Plastic	23.6	Incinerate

6. Components/materials which may disturb certain recycling processes

3

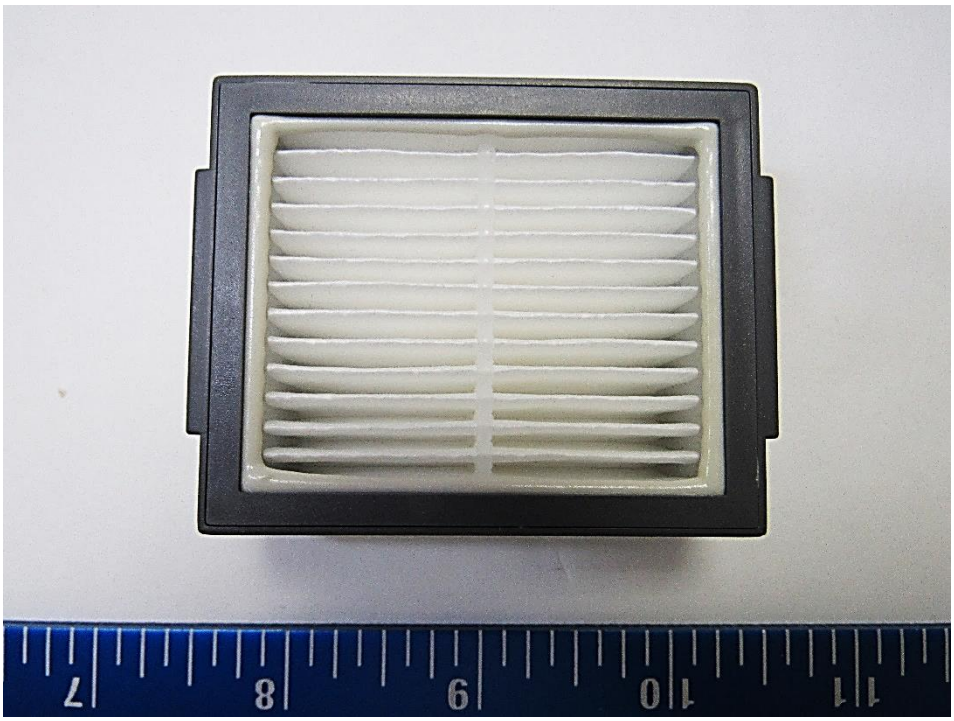


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
3	Thermal Paste	Non-ID Plastic	1.6	Incinerate

6. Components/materials which may disturb certain recycling processes

4

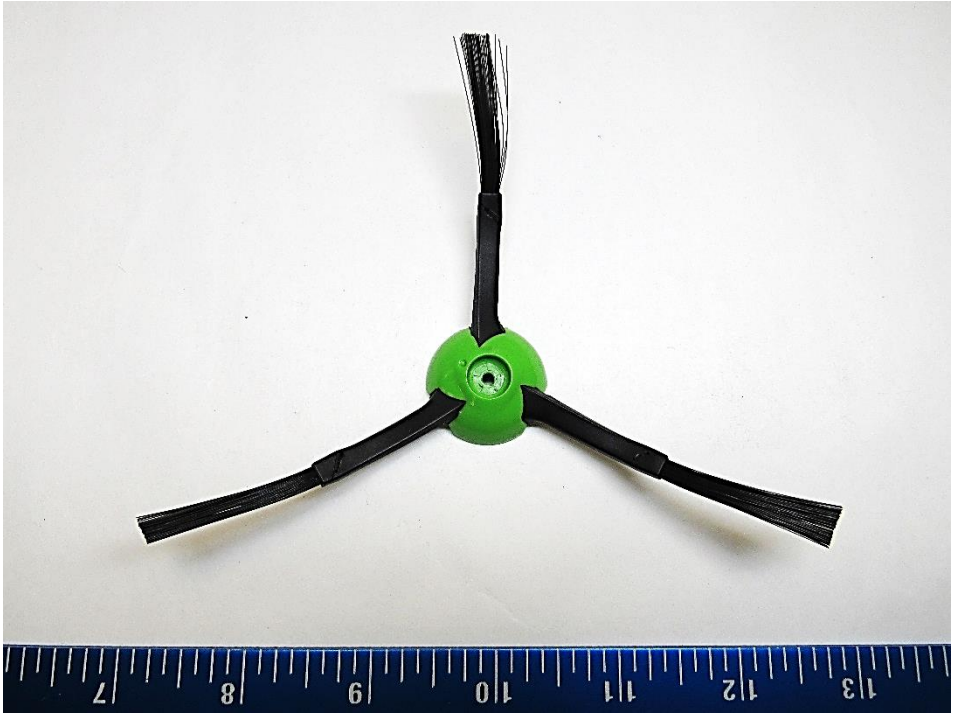


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
4	Filter	Mixed Non-ID Plastic	19.4	Incinerate

6. Components/materials which may disturb certain recycling processes

5

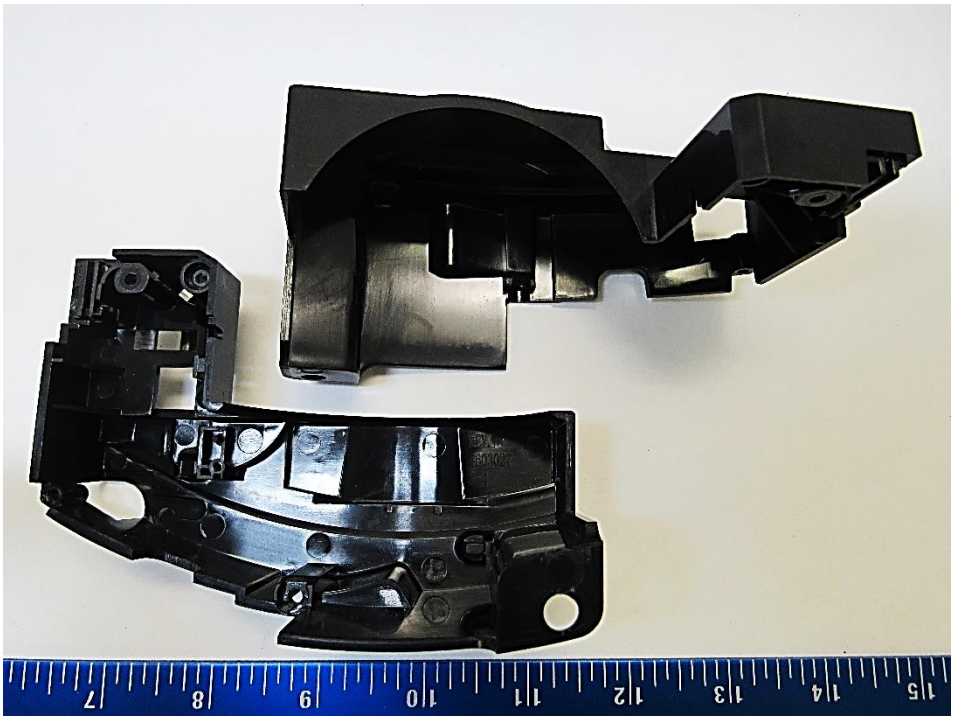


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
5	Edge-Sweeping Brush	Mixed Non-ID Plastic	6.3	Incinerate

6. Components/materials which may disturb certain recycling processes

6



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
6	Wheel & Motor Casing	Non-ID Plastic	53.7	Incinerate

6. Components/materials which may disturb certain recycling processes

7

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
7	Brush Holder	Non-ID Plastic	70.3	Incinerate

6. Components/materials which may disturb certain recycling processes

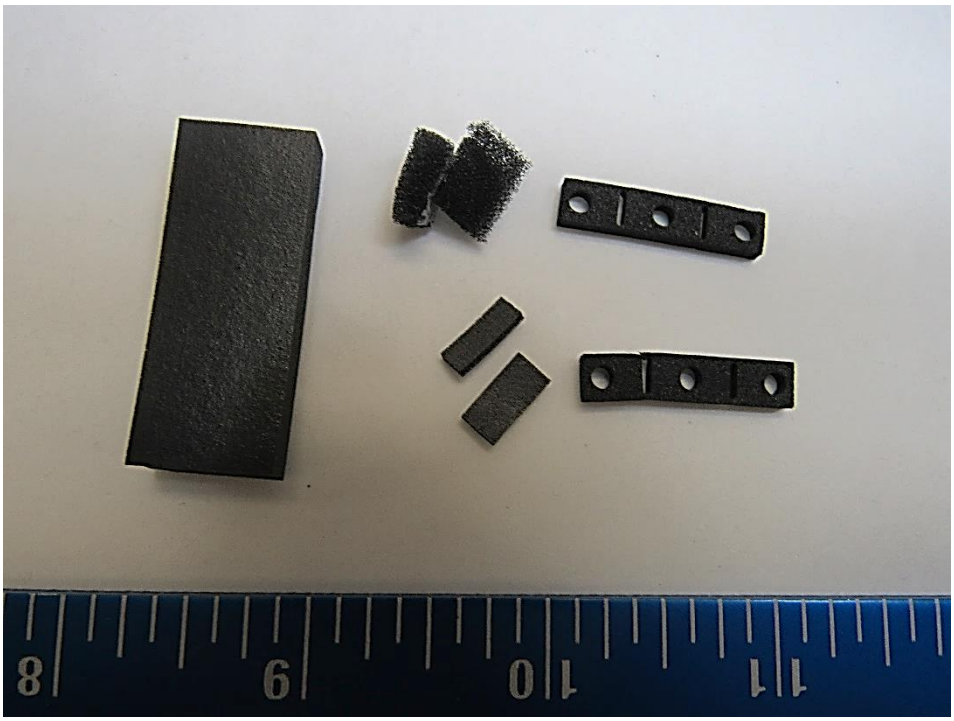
8

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
8	Misc. Non-ID Plastic Components	Non-ID Plastic	181.3	Incinerate

6. Components/materials which may disturb certain recycling processes

9



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
9	Misc. Foam	Non-ID Foam	1.1	Waste

6. Components/materials which may disturb certain recycling processes

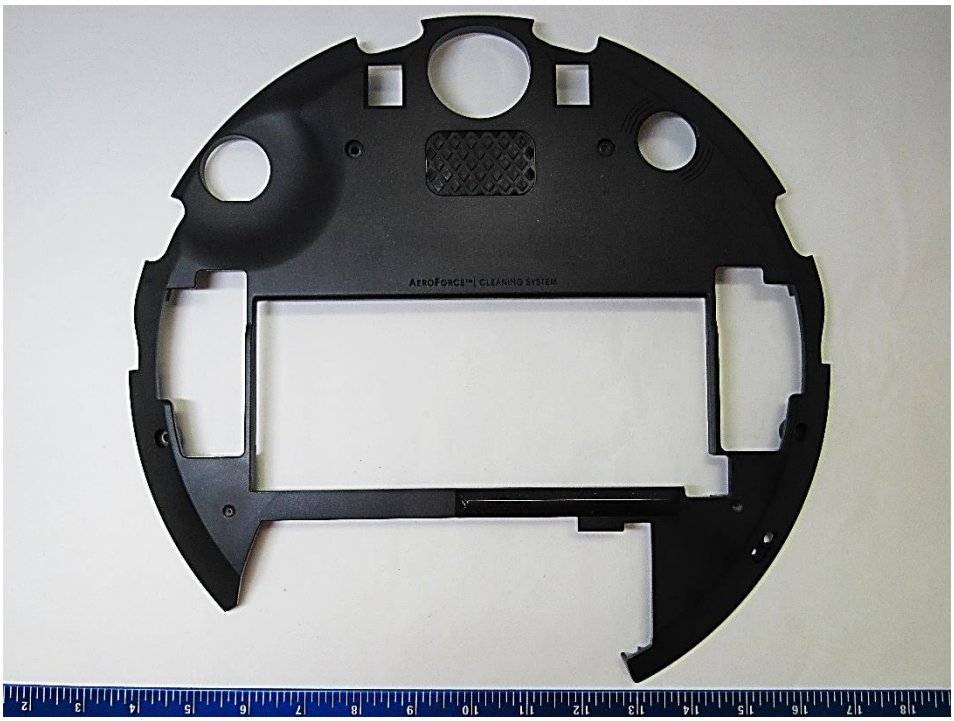
10

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
10	Misc. Rubber	Non-ID Rubber	14.8	Waste

7. Material/components which have an economic value at end-of-life.

1



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
1	Lower Exterior Casing	ABS	242.4	Recycle

7. Material/components which have an economic value at end-of-life.

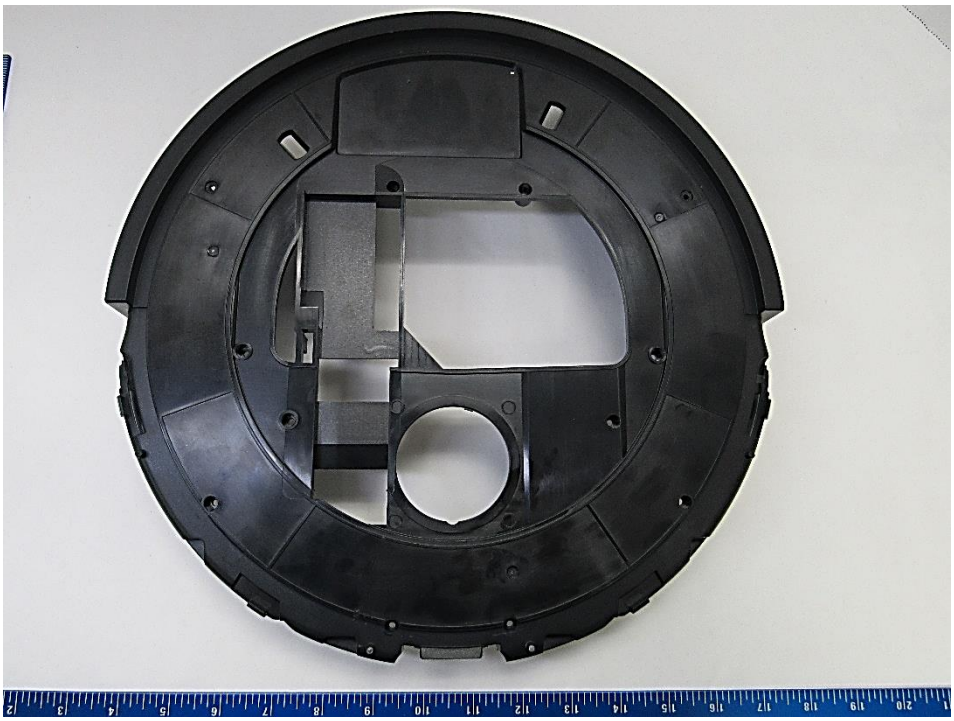
2

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
2	Central Chassis	ABS	460	Recycle

7. Material/components which have an economic value at end-of-life.

3

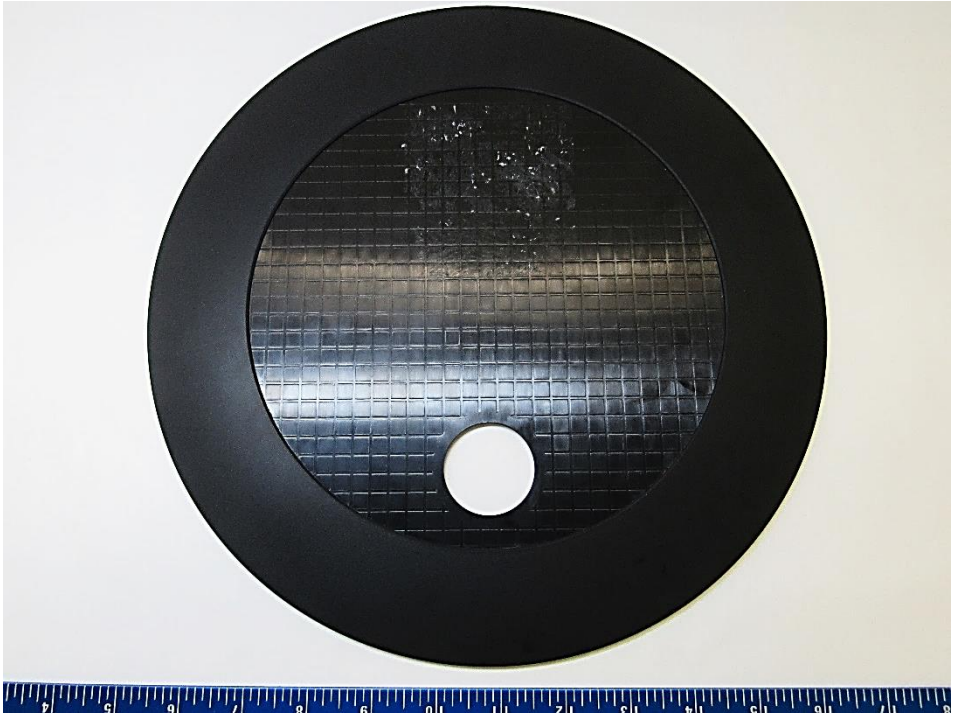


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
3	Upper Casing	ABS	242.3	Recycle

7. Material/components which have an economic value at end-of-life.

4

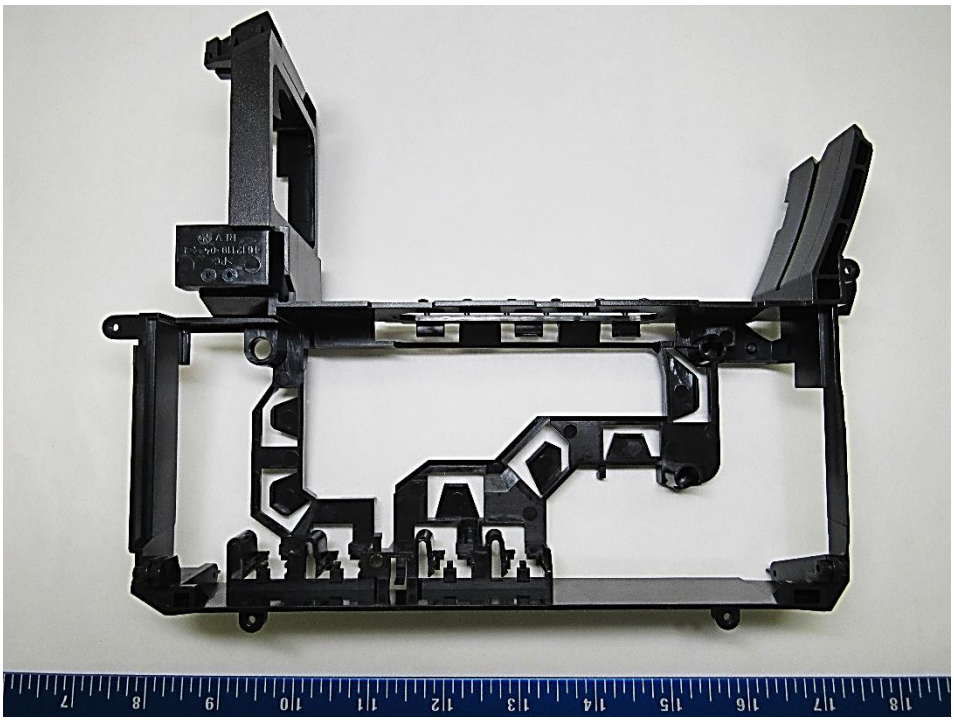


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
4	Upper Plate	ABS	158	Recycle

7. Material/components which have an economic value at end-of-life.

5

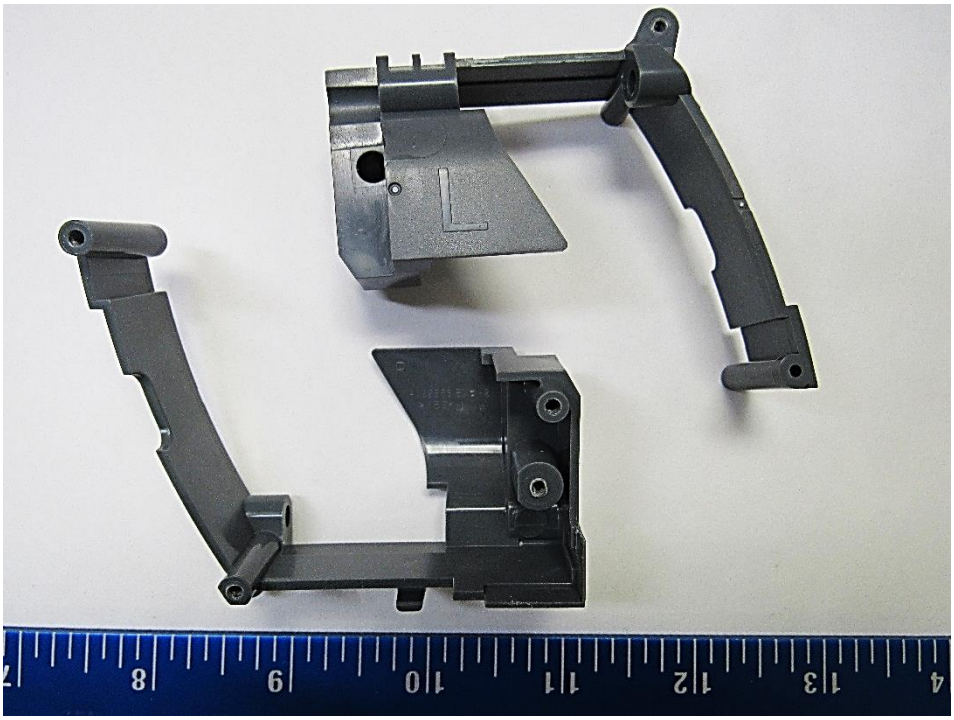


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
5	Bin Sensor Cable Bracket	PC	97.4	Recycle

7. Material/components which have an economic value at end-of-life.

6



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
6	Grey Wheel Casing	ABS	19.2	Recycle

7. Material/components which have an economic value at end-of-life.

7

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
7	Bumper	ABS	131.7	Recycle

7. Material/components which have an economic value at end-of-life.

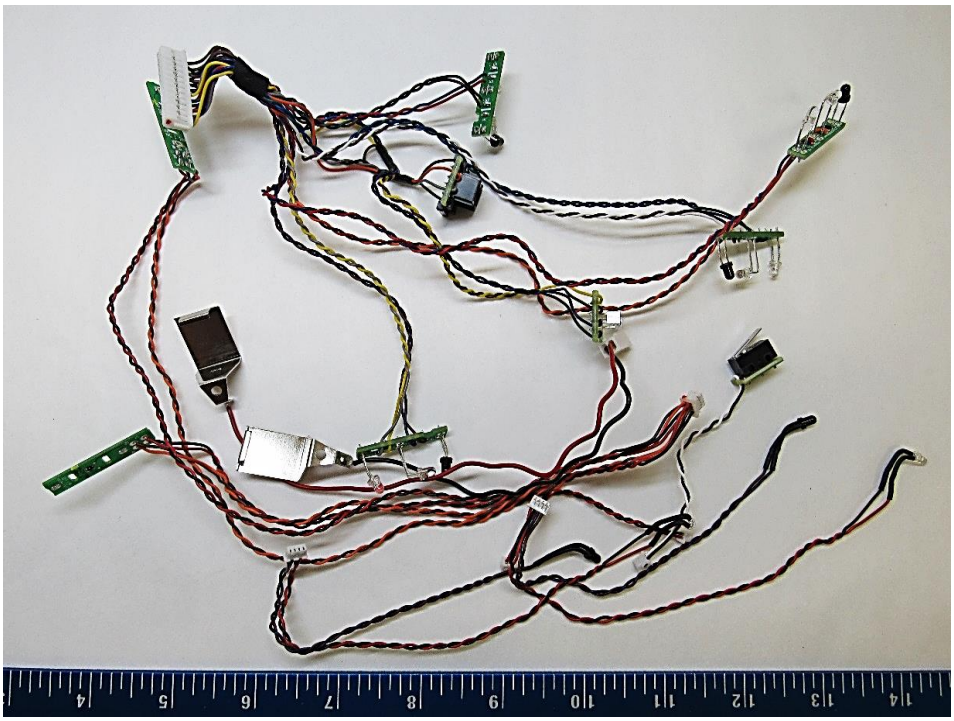
8

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
8	Cable Brackets	ABS	10.5	Recycle

7. Material/components which have an economic value at end-of-life.

9



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
9	Reusable Wiring Harnesses	Mixed	30.1	Reuse

7. Material/components which have an economic value at end-of-life.

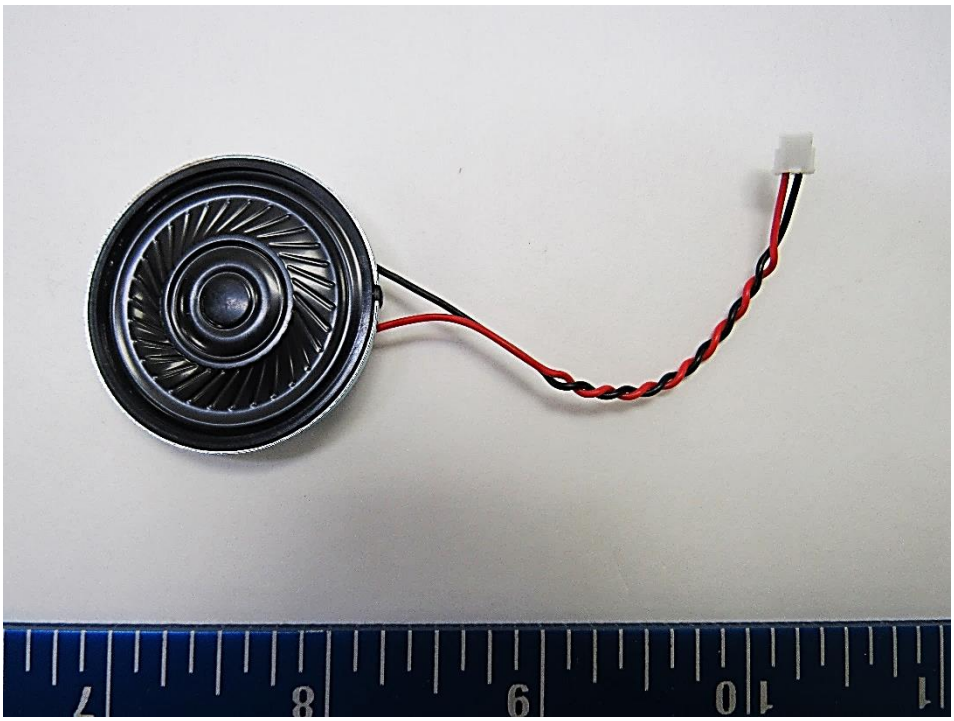
10

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
10	Wheels	Mixed	76.3	Reuse

7. Material/components which have an economic value at end-of-life.

11



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
11	Reusable Speaker Assembly	Mixed	8.3	Reuse

7. Material/components which have an economic value at end-of-life.

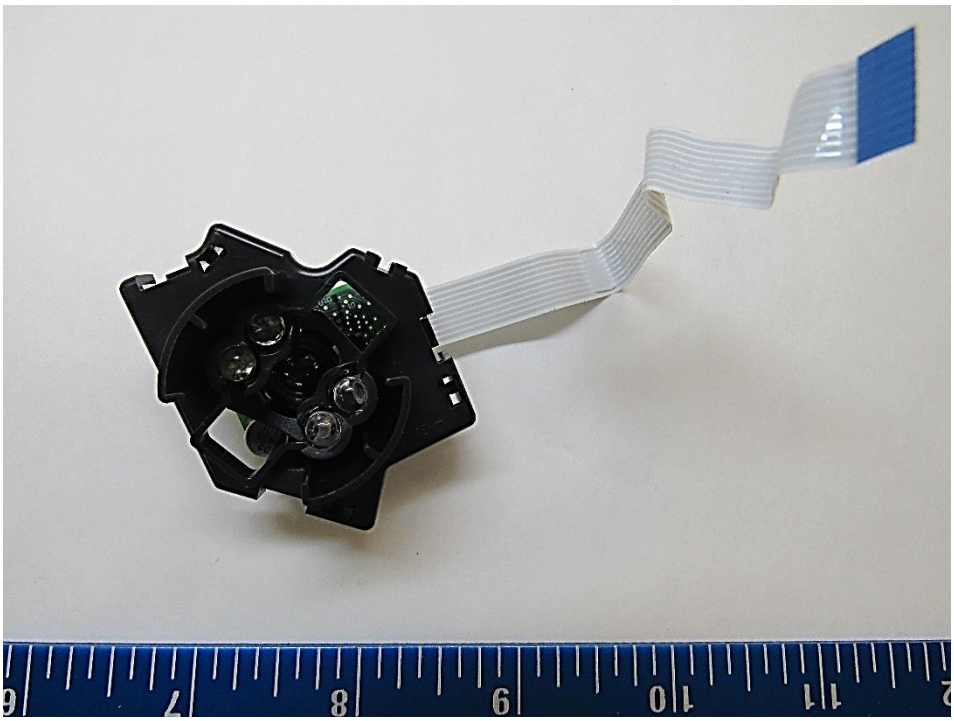
12

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
12	Caster Wheel	Mixed	25.2	Reuse

7. Material/components which have an economic value at end-of-life.

13

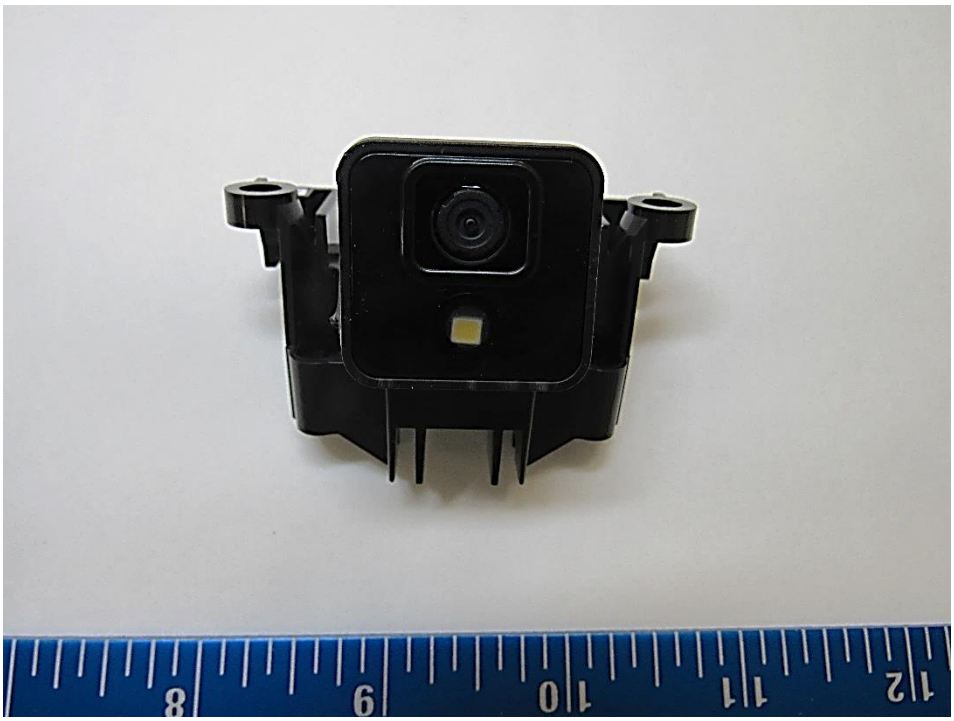


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
13	Reusable IR Light Assembly	Mixed	11.6	Reuse

7. Material/components which have an economic value at end-of-life.

14

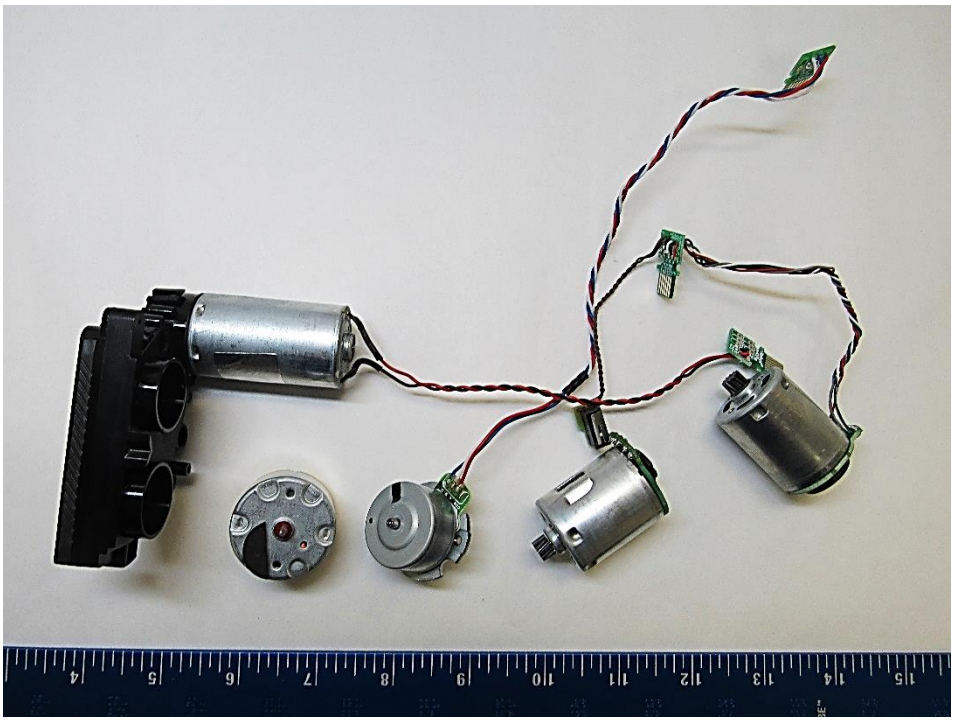


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
14	Reusable Camera Assembly	Mixed	13	Reuse

7. Material/components which have an economic value at end-of-life.

15



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
15	Reusable Motors	Mixed	348.2	Reuse

7. Material/components which have an economic value at end-of-life.

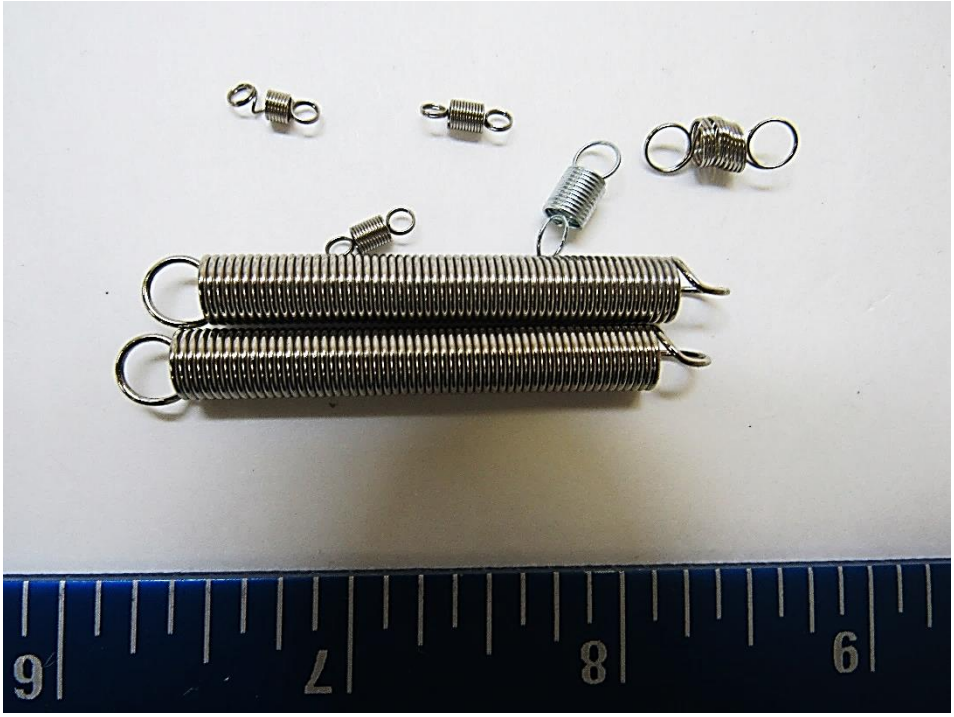
16

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
16	Screws & Bolts	Alloy	41.5	Recycle

7. Material/components which have an economic value at end-of-life.

17

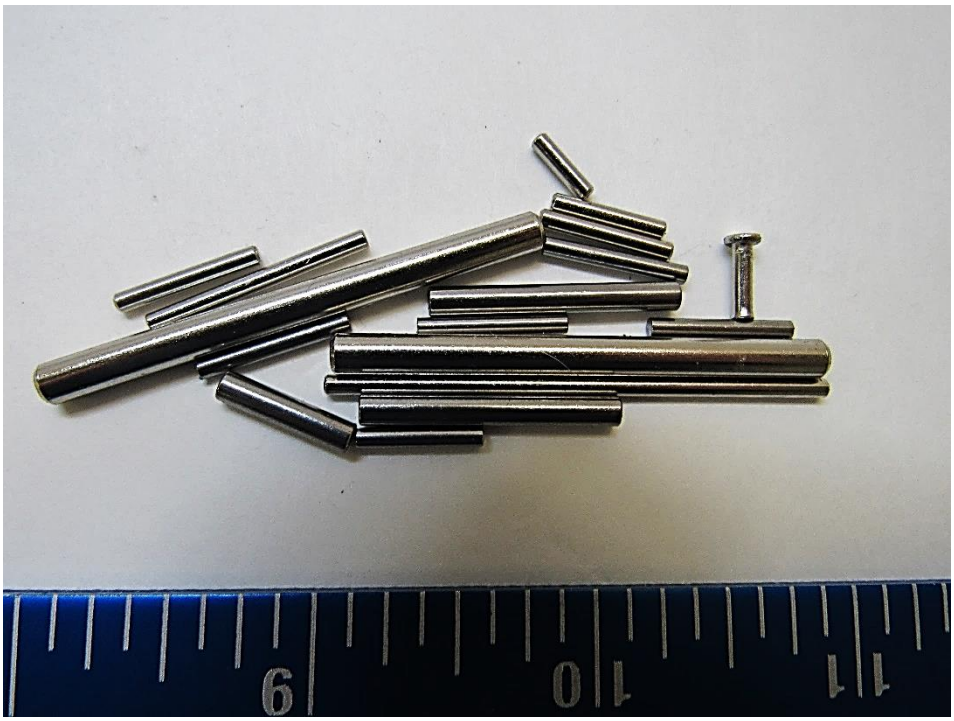


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
17	Springs	Alloy	8.2	Recycle

7. Material/components which have an economic value at end-of-life.

18

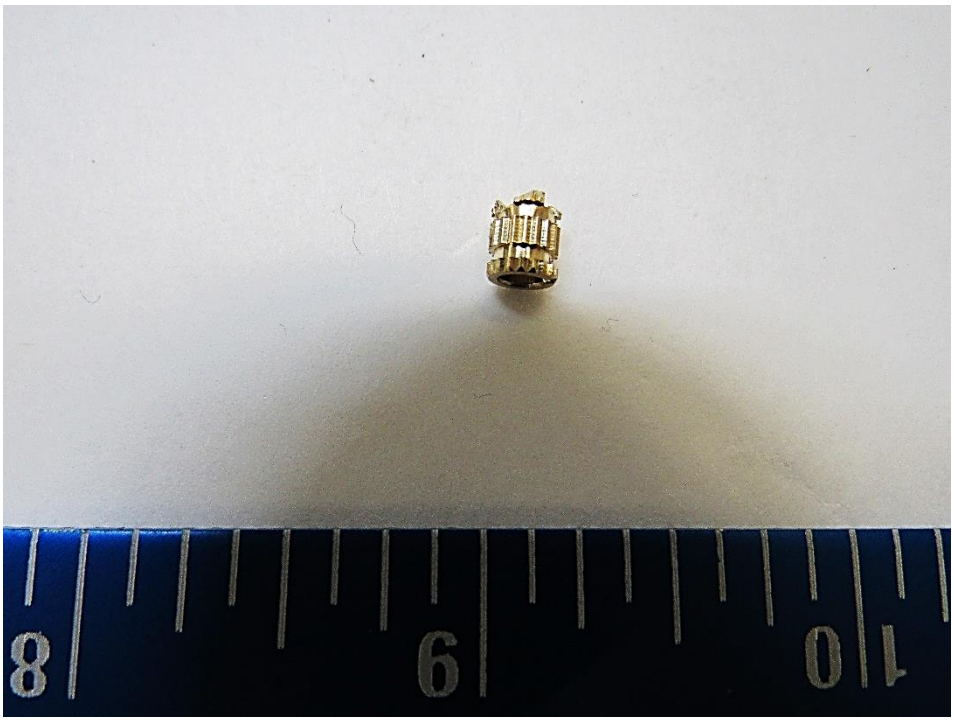


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
18	Pins	Alloy	17.6	Recycle

7. Material/components which have an economic value at end-of-life.

19



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
19	Brass Insert	Alloy	0.4	Recycle

7. Material/components which have an economic value at end-of-life.

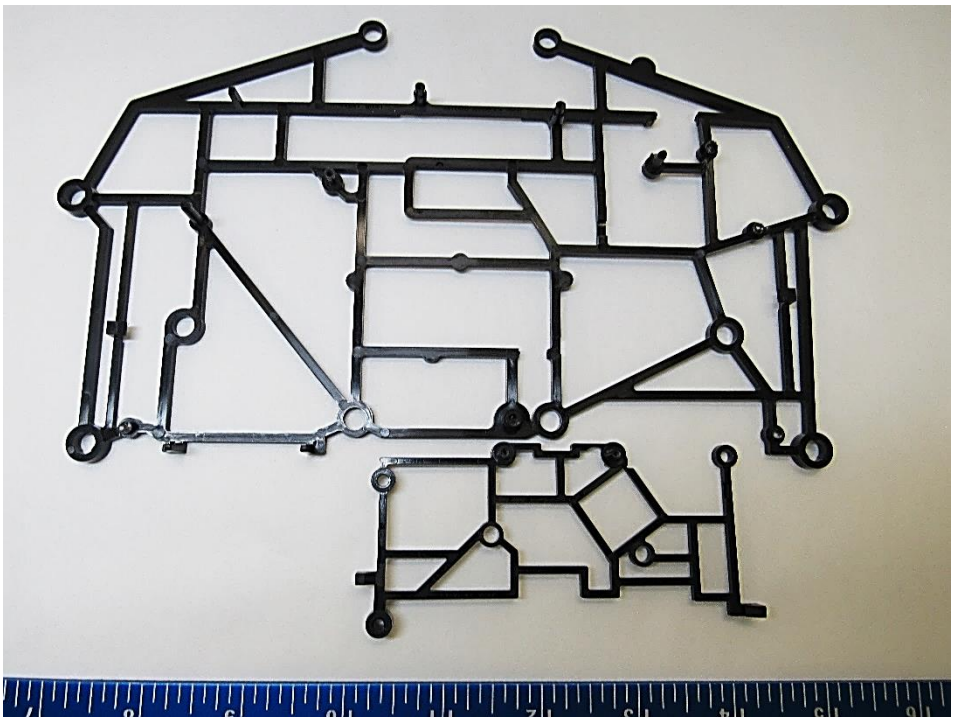
20

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
20	Non-ID Metal	Alloy	191.3	Recycle

7. Material/components which have an economic value at end-of-life.

21

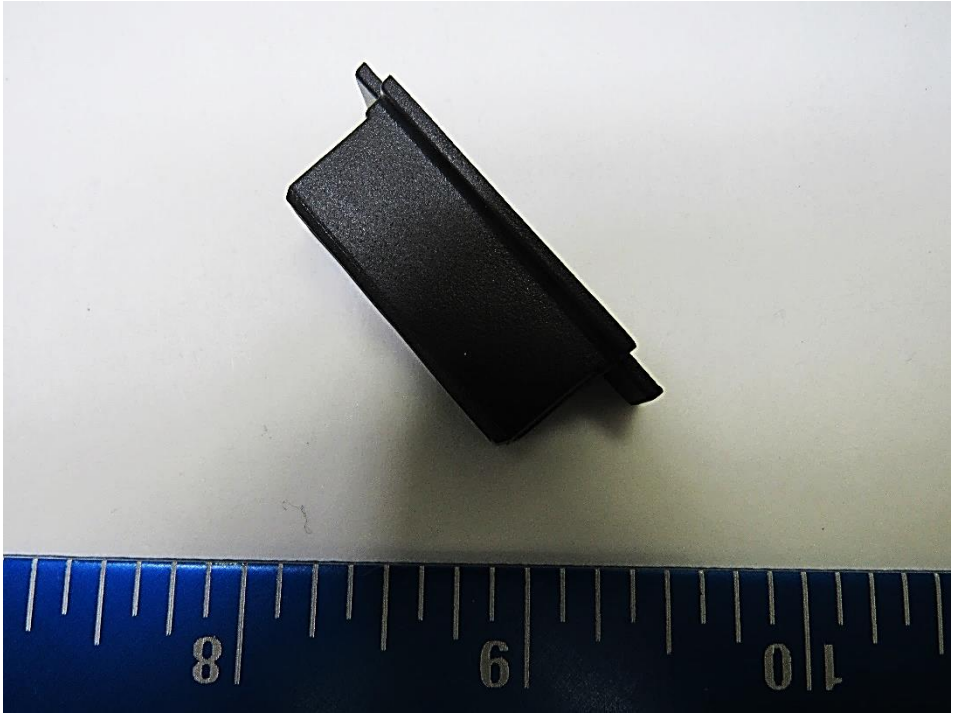


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
21	PCB Brackets	ABS	18.9	Recycle

7. Material/components which have an economic value at end-of-life.

22

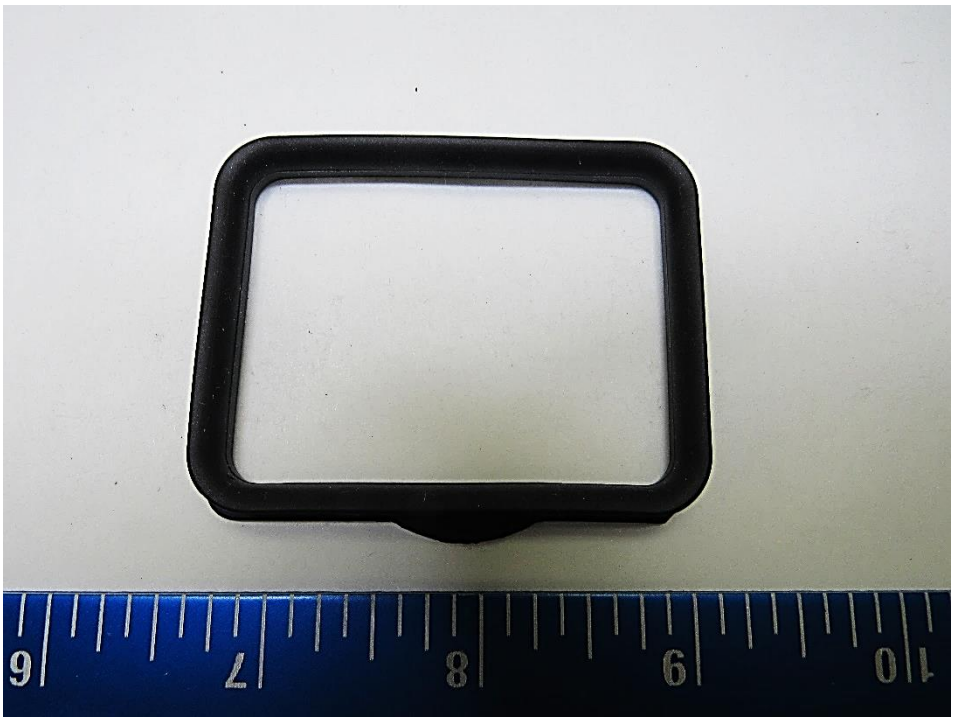


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
22	ID'd Rubber	NBR	2.6	Recycle

7. Material/components which have an economic value at end-of-life.

23

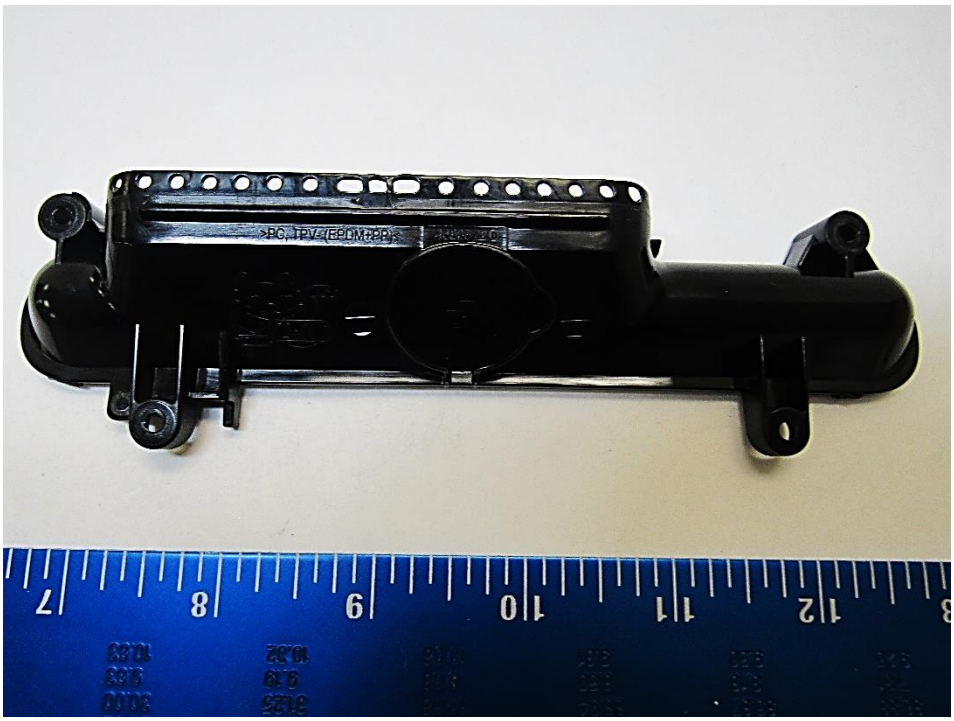


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
23	ID'd Rubber	SI	2.7	Recycle

7. Material/components which have an economic value at end-of-life.

24

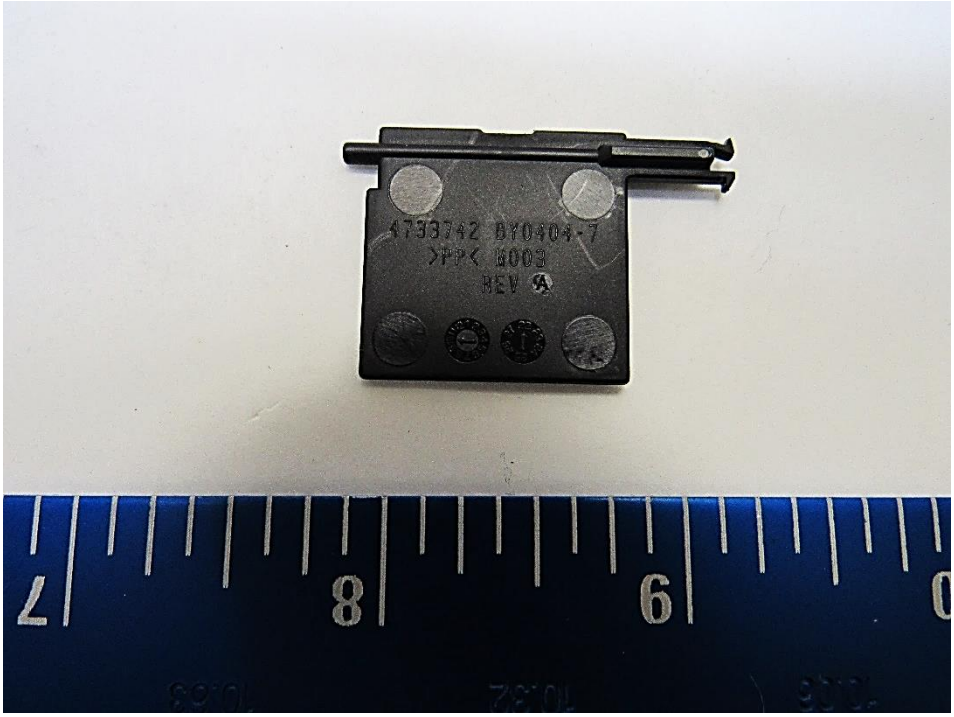


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
24	PC, TPV (EPDM + PP) Plastic Component	PC, TPV (EPDM + PP)	18.1	Recycle

7. Material/components which have an economic value at end-of-life.

25

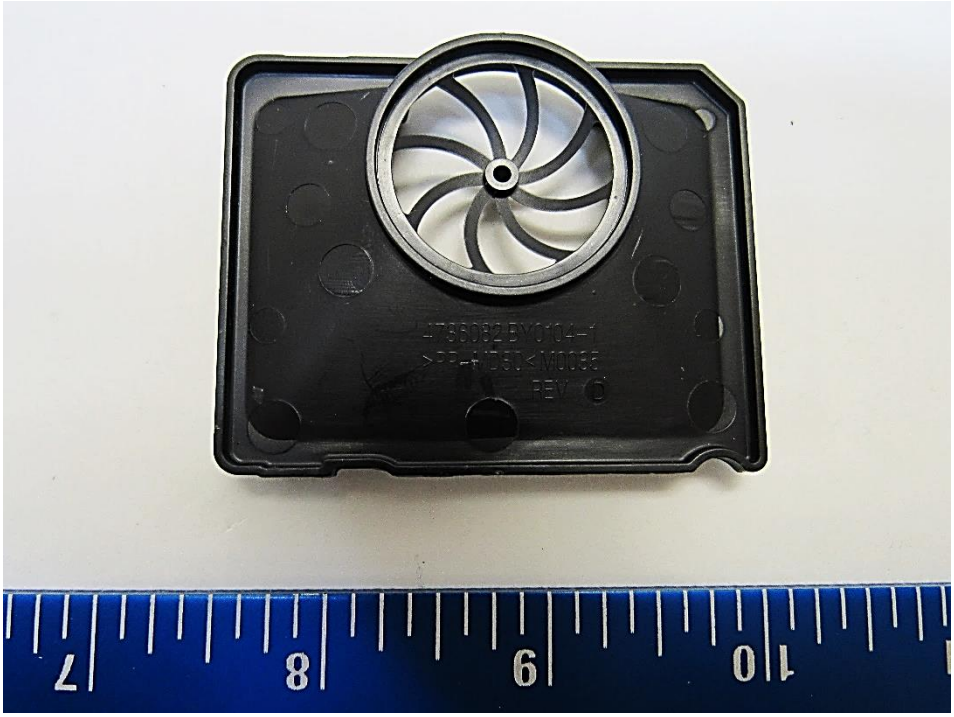


Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
25	PP Plastic Component	PP	0.8	Recycle

7. Material/components which have an economic value at end-of-life.

26



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
26	PP-MD30 Plastic Component	PP-MD30	6.2	Recycle

7. Material/components which have an economic value at end-of-life.

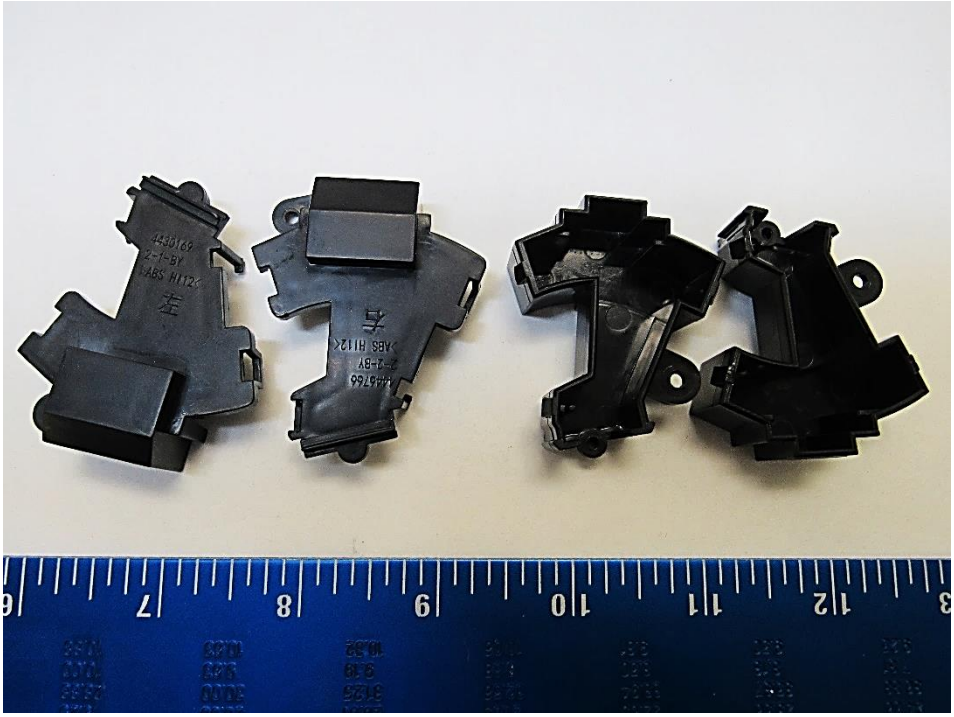
27

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
27	POM Plastic Components	POM	5.2	Recycle

7. Material/components which have an economic value at end-of-life.

28



Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
28	ABS HI12 Plastic Components	ABS HI12	17.6	Recycle

7. Material/components which have an economic value at end-of-life.

29

Recycling Information:

Nr.	Component	Material	Wt. (g)	Comments
29	Misc. ABS Plastic Components	ABS	38.5	Recycle

8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	PCB / Mixed Components	PCB	100	Treat Separately, 50% Recycle
2	Non-Reusable Switch	Mixed	563	Treat Separately, 50% Recycle
3	Battery	Battery	452.9	Treat Separately < Refer To Batteries Directive (2006/66/EC)>
4	Multi-Surface Brushes	Mixed	71.3	Treat Separately, 30% Recycle
Nr.	Component	Material	Wt. (g)	Comments
1	Dirt Catch Compartment	Mixed Non-ID Plastic	180.5	Incinerate
2	Gears	Non-ID Plastic	23.6	Incinerate
3	Thermal Paste	Non-ID Plastic	1.6	Incinerate
4	Filter	Mixed Non-ID Plastic	19.4	Incinerate
5	Edge-Sweeping Brush	Mixed Non-ID Plastic	6.3	Incinerate
6	Wheel & Motor Casing	Non-ID Plastic	53.7	Incinerate
7	Brush Holder	Non-ID Plastic	70.3	Incinerate
8	Misc. Non-ID Plastic Components	Non-ID Plastic	181.3	Incinerate
9	Misc. Foam	Non-ID Foam	1.1	Waste

8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
10	Misc. Rubber	Non-ID Rubber	14.8	Waste
Nr.	Component	Material	Wt. (g)	Comments
1	Lower Exterior Casing	ABS	242.4	Recycle
2	Central Chassis	ABS	460	Recycle
3	Upper Casing	ABS	242.3	Recycle
4	Upper Plate	ABS	158	Recycle
5	Bin Sensor Cable Bracket	PC	97.4	Recycle
6	Grey Wheel Casing	ABS	19.2	Recycle
7	Bumper	ABS	131.7	Recycle
8	Cable Brackets	ABS	10.5	Recycle
9	Reusable Wiring Harnesses	Mixed	30.1	Reuse
10	Wheels	Mixed	76.3	Reuse

8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
11	Reusable Speaker Assembly	Mixed	8.3	Reuse
12	Caster Wheel	Mixed	25.2	Reuse
13	Reusable IR Light Assembly	Mixed	11.6	Reuse
14	Reusable Camera Assembly	Mixed	13	Reuse
15	Reusable Motors	Mixed	348.2	Reuse
16	Screws & Bolts	Alloy	41.5	Recycle
17	Springs	Alloy	8.2	Recycle
18	Pins	Alloy	17.6	Recycle
19	Brass Insert	Alloy	0.4	Recycle
20	Non-ID Metal	Alloy	191.3	Recycle
21	PCB Brackets	ABS	18.9	Recycle

8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
22	ID'd Rubber	NBR	2.6	Recycle
23	ID'd Rubber	SI	2.7	Recycle
24	PC, TPV (EPDM + PP) Plastic Component	PC, TPV (EPDM + PP)	18.1	Recycle
25	PP Plastic Component	PP	0.8	Recycle
26	PP-MD30 Plastic Component	PP-MD30	6.2	Recycle
27	POM Plastic Components	POM	5.2	Recycle
28	ABS HI12 Plastic Components	ABS HI12	17.6	Recycle
29	Misc. ABS Plastic Components	ABS	38.5	Recycle

Special notes:
Some other components can be recycled.
Please refer to the WEEE summary report.
All images for representative purposes only.