Date: 6/27/2019

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# Reuse and Recycling Manual



### 1. Manufacturer Information

Manufacturer:	iRobot Corporation	
Address:	8 Crosby Drive, Bedford, MA 01730 USA	
Website: www.iRobot.com		
File Number:	318G4105.001R	



### 2. Product Information

Model Identification	RVB-Y1, RVB-Y2	
Product Description	Roomba i7	
Type Designation(s):	Robotic Vacuum	
WEEE Category:	Category 5 (Small Equipment)	
Weight [g]:	3847.5 g	
Recyclability:	60.37%	

## Reuse and Recycling Manual



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"

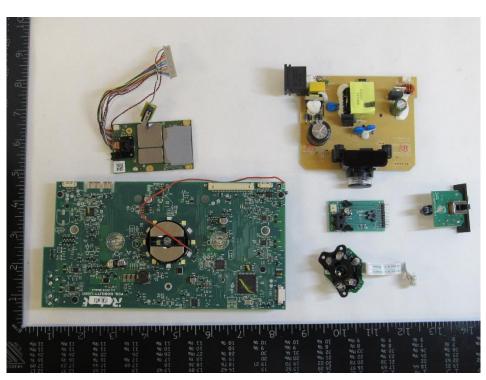
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
1	PCBs	Mixed	226.6	Treat Separately, 50% Recycle

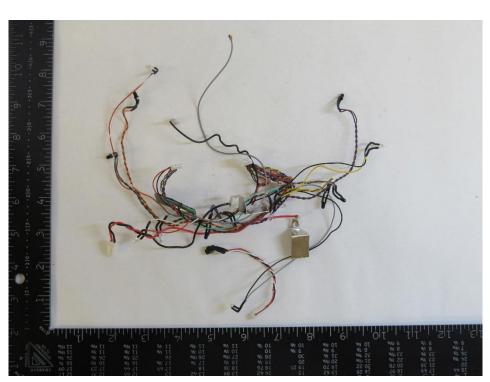
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
2	Non-Reusable Cables	Mixed	25.9	Treat Separately, 40% Recycle

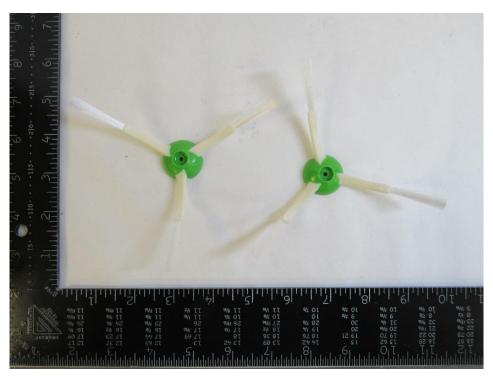
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
3	Corner Brushes	Mixed	11.4	Treat Separately, 50% Recycle

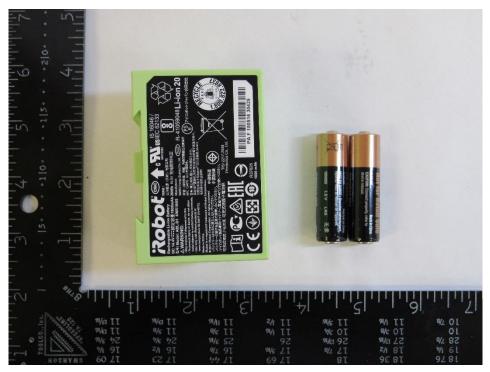
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
4	Batteries	Mixed	280.7	Treat Separately, Refer to Batteries Directive (2006/66/EC)

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
5	Large Brushes	Mixed	78.2	Treat Separately, 30% Recycle

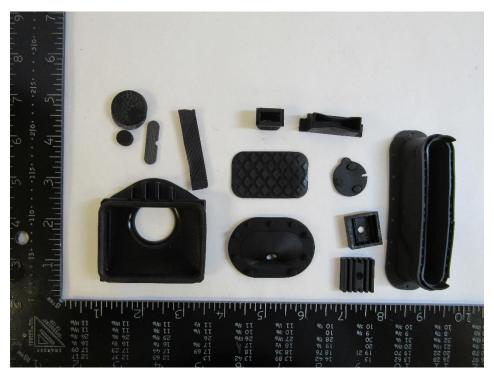
# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes





Nr.	Component	Material	Wt. (g)	Comments
1	Misc. Rubber Parts	Non-ID Rubber	42.1	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes





Nr.	Component	Material	Wt. (g)	Comments
2	Foam	Non-ID Foam	0.3	Waste

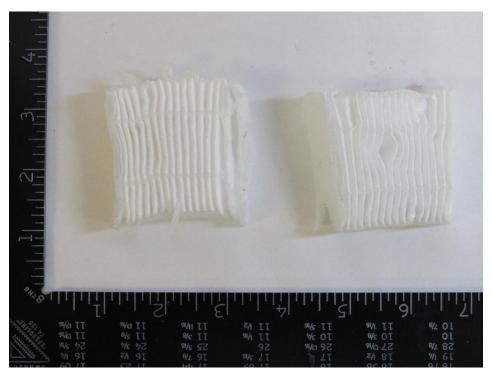
# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes





Nr.	Component	Material	Wt. (g)	Comments
3	Filter Textile	Non-ID Textile	17.0	Waste

# Reuse and Recycling Manual





6. Components/materials which may disturb certain recycling processes





Nr.	Component	Material	Wt. (g)	Comments
4	Misc. Plastic Parts	Non-ID Plastic	1165.0	Incinerate

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
1	Unit Top Cover	ABS	366.2	Recycle

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
2	Chassis	ABS	461.5	Recycle

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
3	Bumper	ABS	113.0	Recycle

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
4	Hardware	Alloy	57.6	Recycle

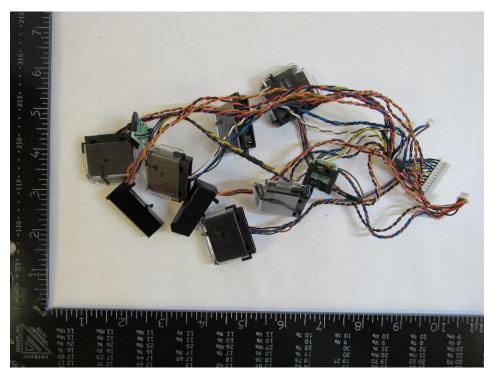
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
5	Sensors	Mixed	63.7	Reuse

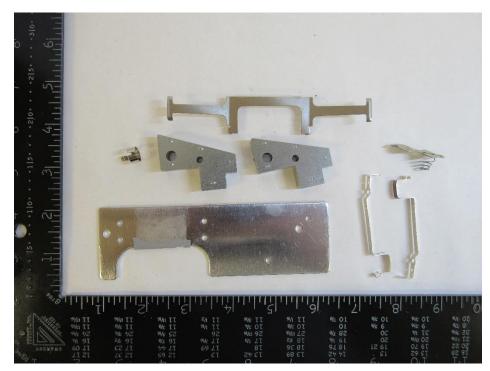
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
6	Misc. Alloy Parts	Alloy	151.8	Recycle

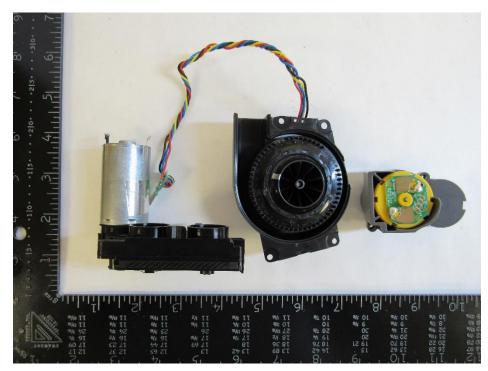
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7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
7	Motors	Mixed	252.3	Reuse

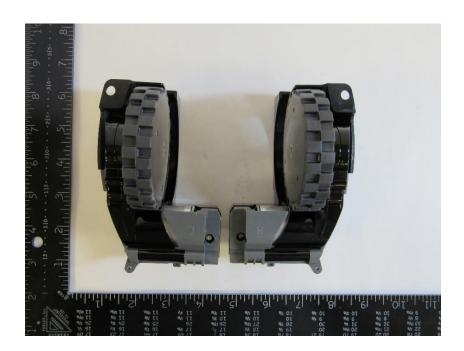
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
8	Large Wheel Assemblies	Mixed	403.7	Reuse

# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
9	Small Wheel Assembly	Mixed	25.4	Reuse

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





Nr.	Component	Material	Wt. (g)	Comments
10	Power Cord	Mixed	96.4	Reuse

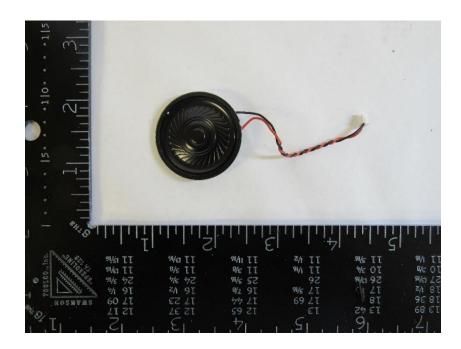
# Reuse and Recycling Manual





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





Nr.	Component	Material	Wt. (g)	Comments
11	Speaker	Mixed	8.7	Reuse

# Reuse and Recycling Manual



## 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	PCBs	Mixed	226.6	Treat Separately, 50% Recycle
2	Non-Reusable Cables	Mixed	25.9	Treat Separately, 40% Recycle
3	Corner Brushes	Mixed	11.4	Treat Separately, 50% Recycle
4	Batteries	Mixed	280.7	Treat Separately, Refer to Batteries Directive (2006/66/EC)
5	Large Brushes	Mixed	78.2	Treat Separately, 30% Recycle
Nr.	Component	Material	Wt. (g)	Comments
1	Misc. Rubber Parts	Non-ID Rubber	42.1	Waste
2	Foam	Non-ID Foam	0.3	Waste
3	Filter Textile	Non-ID Textile	17.0	Waste
4	Misc. Plastic Parts	Non-ID Plastic	1165.0	Incinerate
Nr.	Component	Material	Wt. (g)	Comments
1	Unit Top Cover	ABS	366.2	Recycle
2	Chassis	ABS	461.5	Recycle
3	Bumper	ABS	113.0	Recycle

## Reuse and Recycling Manual



## 8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
4	Hardware	Alloy	57.6	Recycle
5	Sensors	Mixed	63.7	Reuse
6	Misc. Alloy Parts	Alloy	151.8	Recycle
7	Motors	Mixed	252.3	Reuse
8	Large Wheel Assemblies	Mixed	403.7	Reuse
9	Small Wheel Assembly	Mixed	25.4	Reuse
10	Power Cord	Mixed	96.4	Reuse
11	Speaker	Mixed	8.7	Reuse

#### Special notes:

Some other components can be recycled.

Please refer to the WEEE summary report.

All images for representative purposes only.