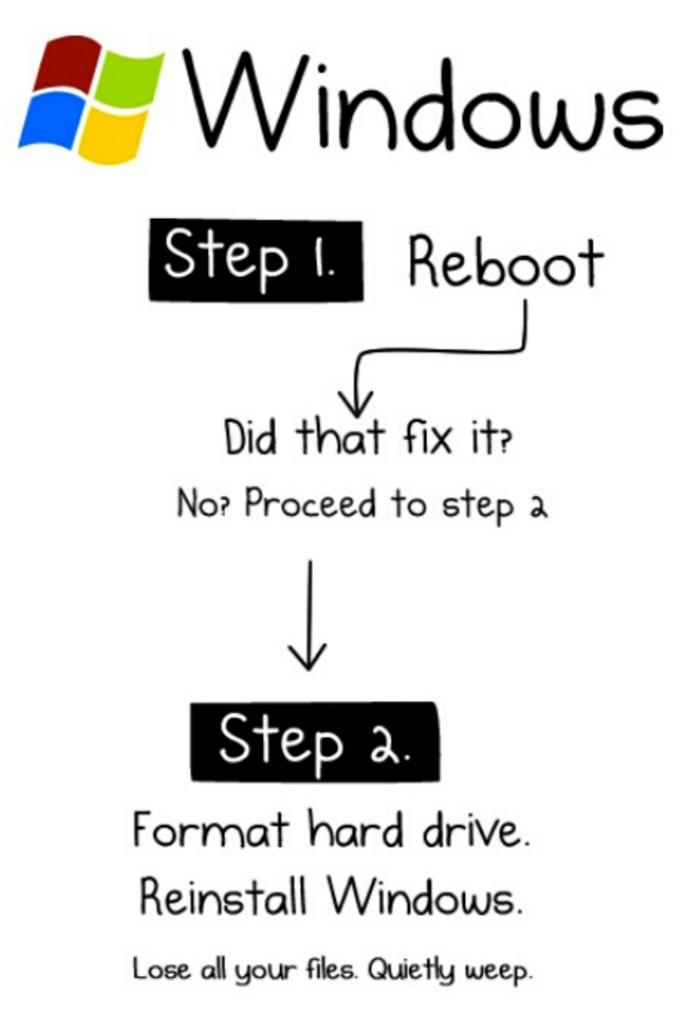


# IFIXIT

#### Let's Fix the World

### I'm from the internet and I'm here to help.





# Throwaway Culture

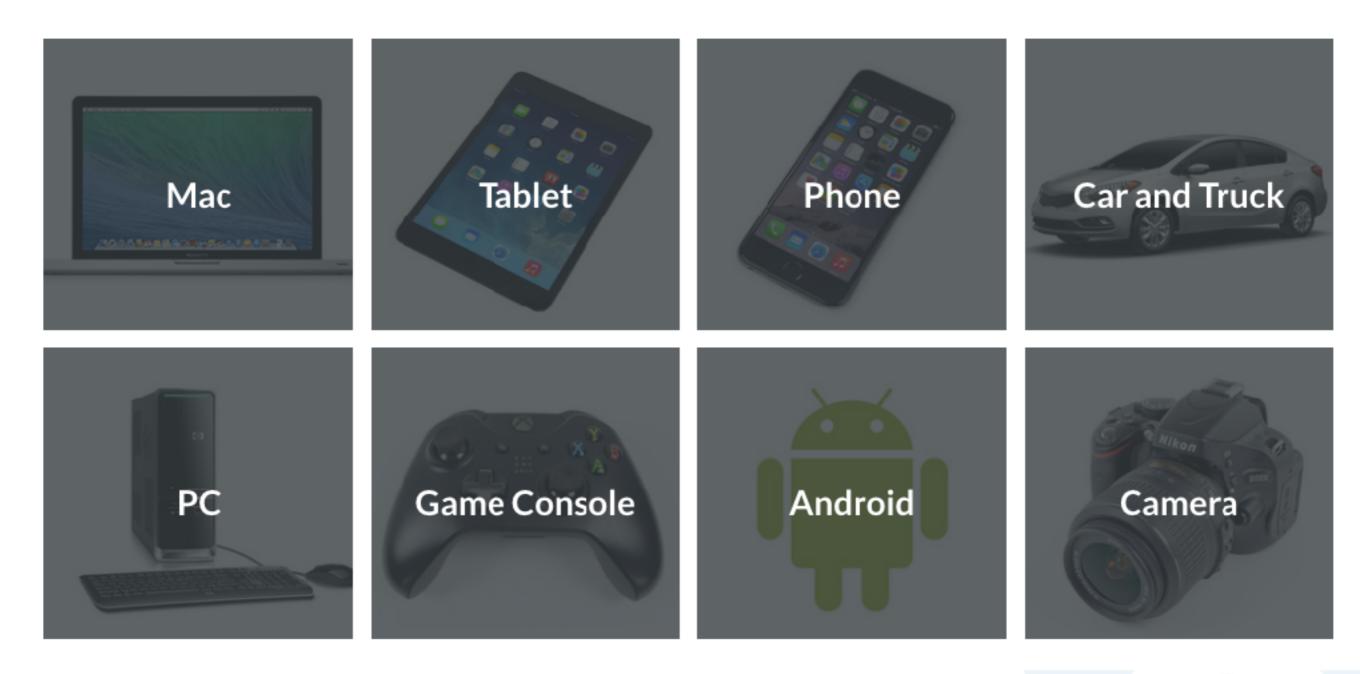




Learn More

Create a Guide

What do you need to fix?





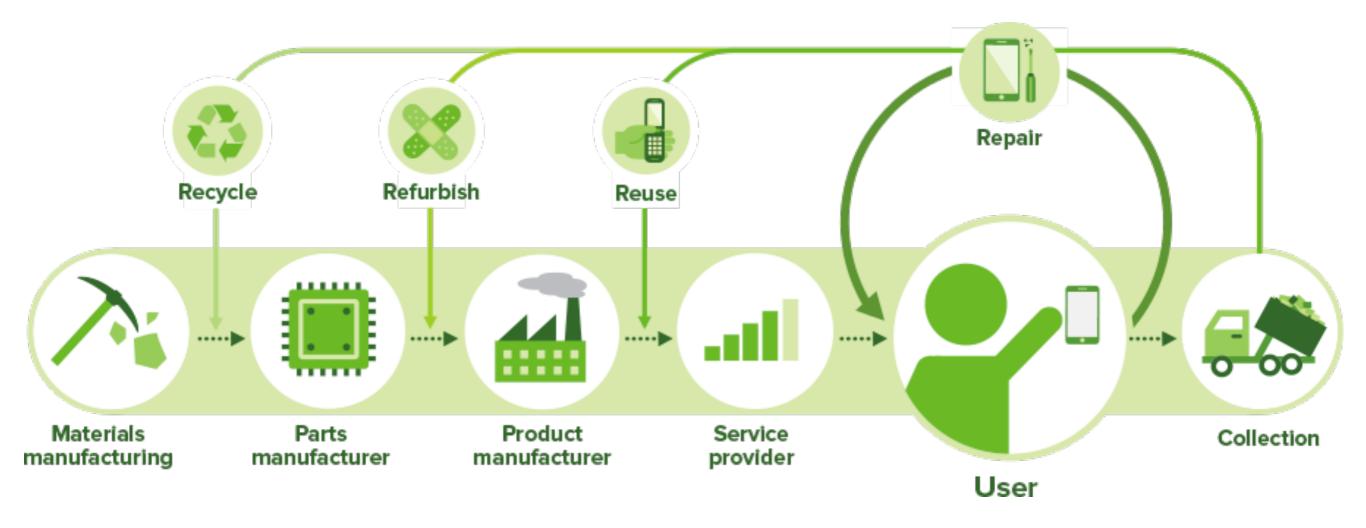




#### Step 2

Edit 🥊

- Remove the six Phillips screws securing the chrome rear panel to the Barista.
- Once the chrome panel is gone, you get a pretty comprehensive look at what makes the Barista boil. Major components include:
  - A reciprocating pump.
  - A pressure release valve
  - A boiler (with an internal heating coil).
  - A steam valve which, as you guessed it, allows steam into the steam wand for making frothy milk.
  - A bird's nest of wiring supplying power to everything.
- Remove all the Phillips screws holding the AC power cord and distribution block to the frame.



#### Every patch is a memory, every tear has a tale. These are the stories we wear.

## "Good Design is Long-Lasting. Good Design is Environmentally Friendly." —DIETER RAMS















Li-ion Battery 3.81V===10.35Whr APN: 616-00351 **MARNING** 

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potential for fire of burning. Do not

SEL IN

Authorized Service Provider Only

.....

disassemble, puncture, crush, heat, or burn.

6

RUBE -

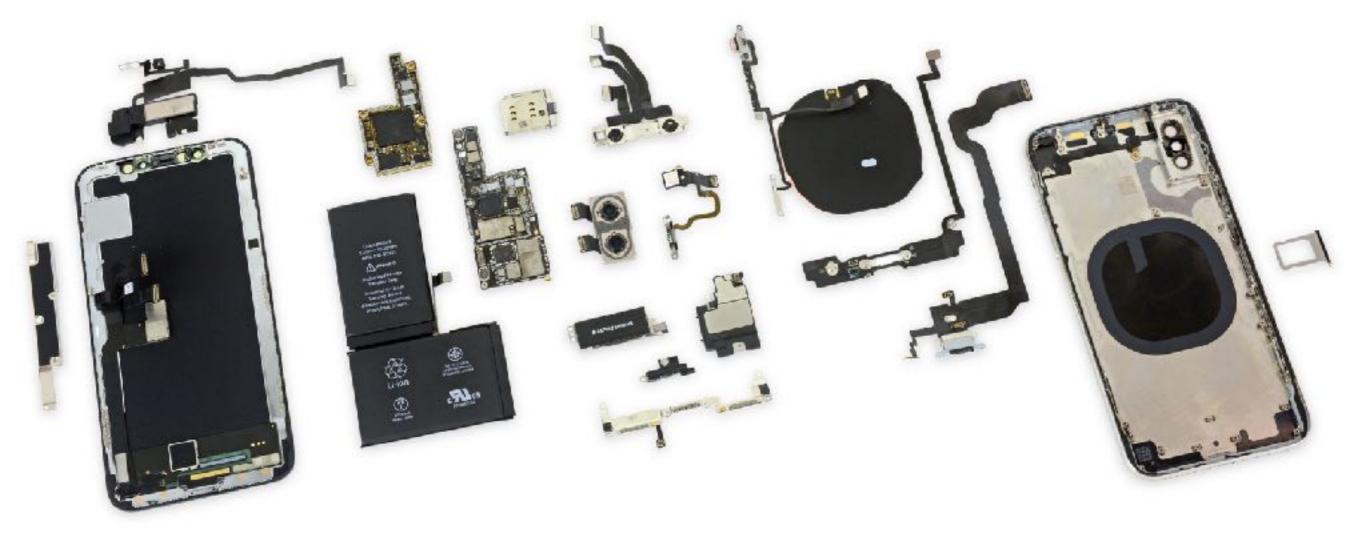
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# Galaxy S7 Edge



# TEARDOWN







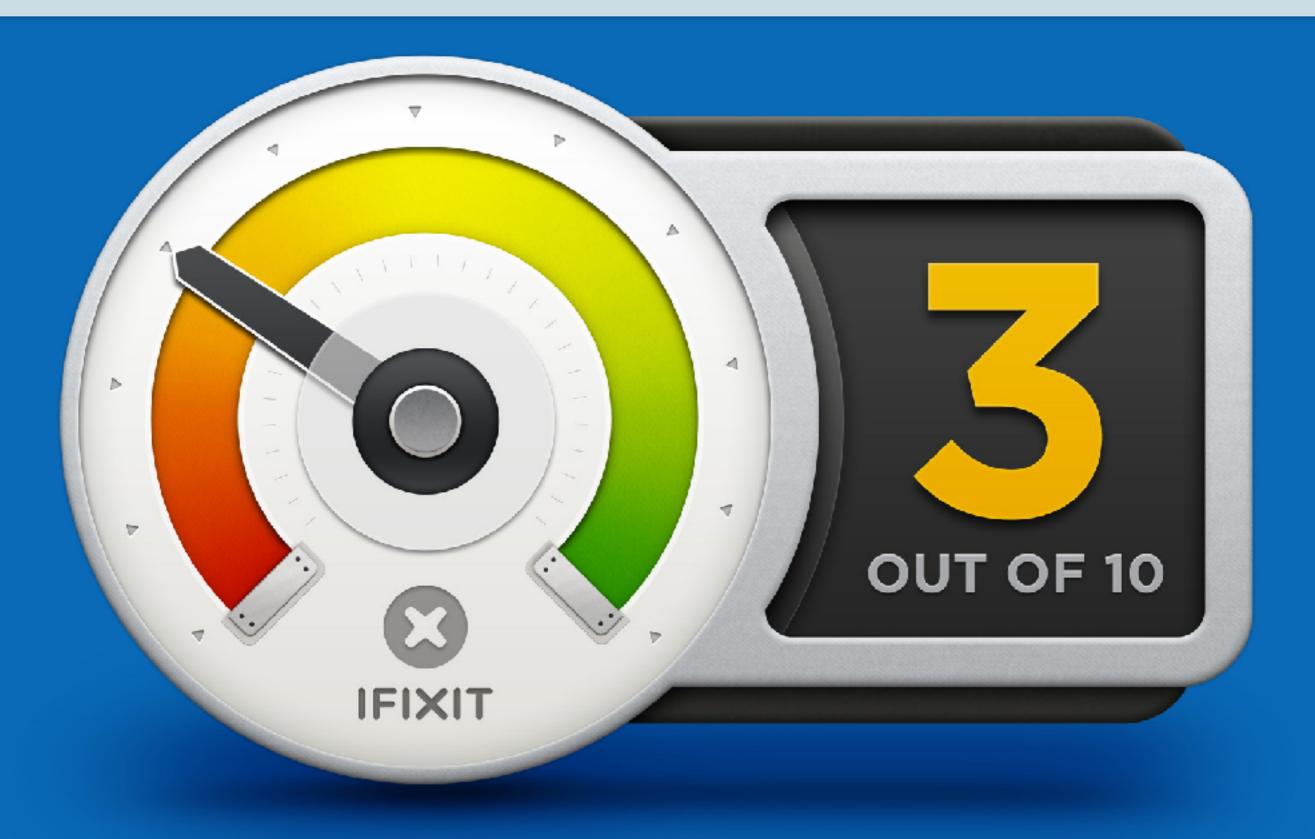








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31<sup>st</sup> July 2012

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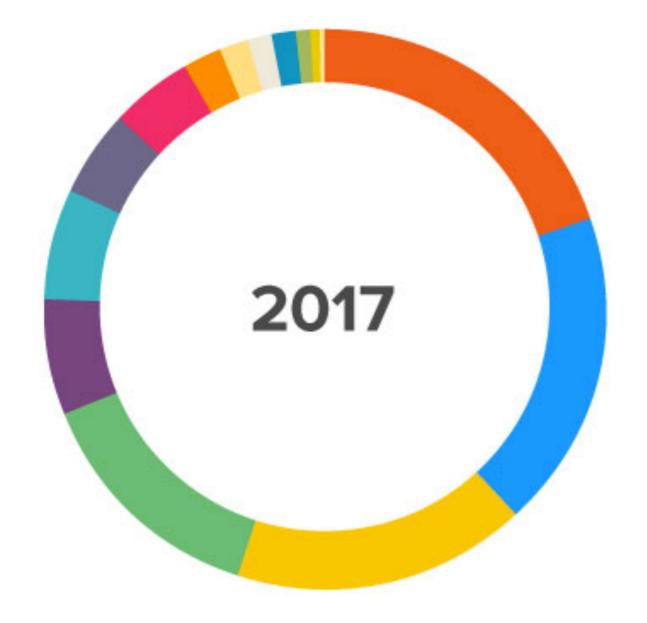
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### **OPERATION:**

# FIX TOSHBA by: iFixit.com

# **TOSHBA** Leading Obsolescence



Localytics

iPhone 7	<b>19.74</b> %
iPhone 6S	18.58%
iPhone 6	<b>16.77</b> %
iPhone 7 Plus	13.83%
iPhone 6S Plus	6.77%
iPhone 5S	6.43%
iPhone SE	4.91%
iPhone 6 Plus	4.77%
iPhone 8 Plus	2.18%
iPhone 8	1.68%
iPhone 5	1.51%
iPhone 5C	1.19%
iPhone X	0.93%
iPhone 4S	0.58%
iPhone 4	0.14%

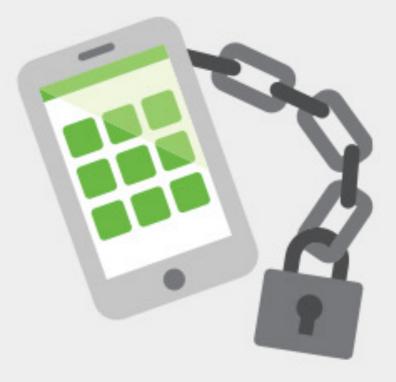
Source: Localytics November 2017

## Android Fragmentation

OpenSi <mark>gnal</mark>					
	SM-G530H				
Galaxy S III Galaxy S5			Galaxy Note 3		
Galaxy S4	Galaxy S4	Moto G Moto G			
	Galaxy S II		GT-S7580		
<u>SM-N9005</u>	SM-G7102		Moto G D6503		
GT-N7100 GT-S7582	G3		GT-18262 Galaxy S5 One		
Galaxy Y	03 G2	K012			
One (M8) GT-18552B	S6 Edge A5	36 X			
ZenFone 5 One	A369i	D2303 C5303	Z970		
	GT-19190 XT	1080 XT1254			
SM-T211 D5803					
Nexus 6 Joy	A6000				

### **Right to Repair is a Growing Movement**





#### 88% of Voters

in Massachusetts overrode the car companies and passed the <u>automobile owners' Right to</u> <u>Repair law</u> in November, 2012.

#### 114,322 Americans

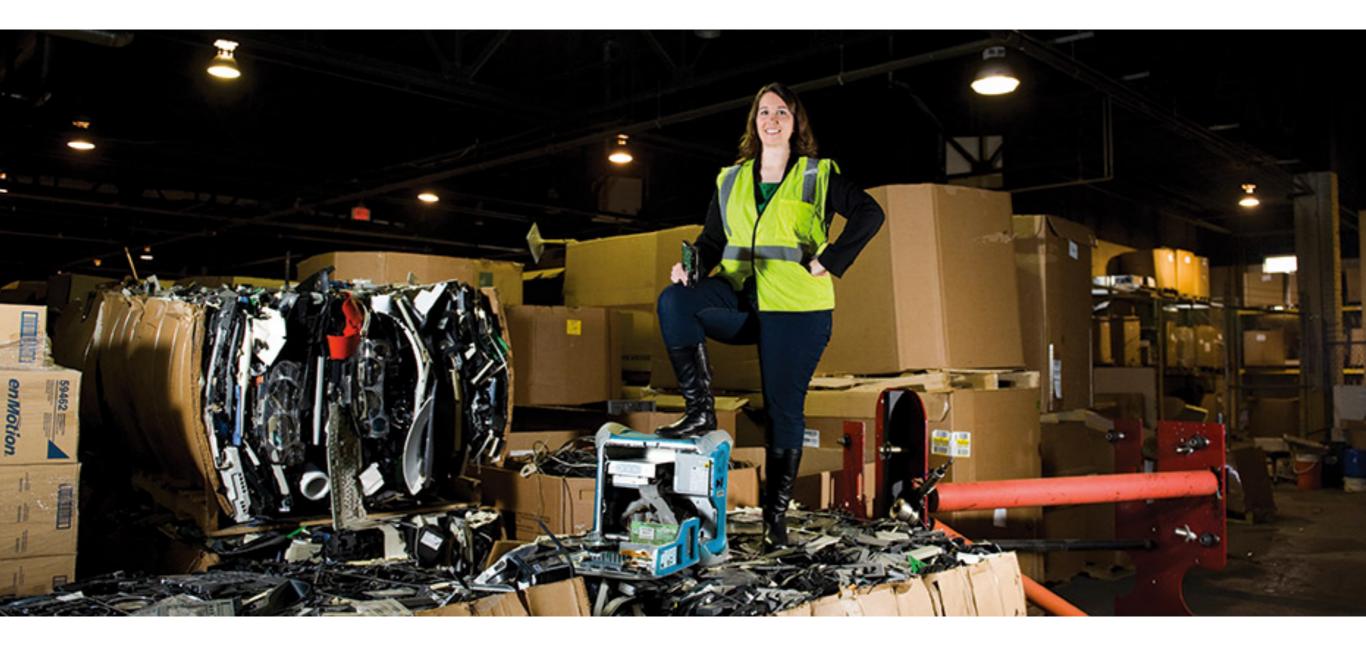
signed a petition to legalize cell phone unlocking. The White House supports cell phone unlocking—but your voice is still needed to convince Congress.



# Pre-2017 Accomplishments

- 5 bills introduced
  - South Dakota (2014)
  - New York, Minnesota, Massachusetts (2015)
  - Nebraska (2016)
- DMCA Reform in 2012 and 2015
- Cell Phone Unlocking signed into law
- Exemptions for cell phones, tablets, medical devices, land based motor vehicles (tractors)
- EPEAT, UL, and IEEE environmental electronics standards

#### Minnesota: Amanda Lagrange



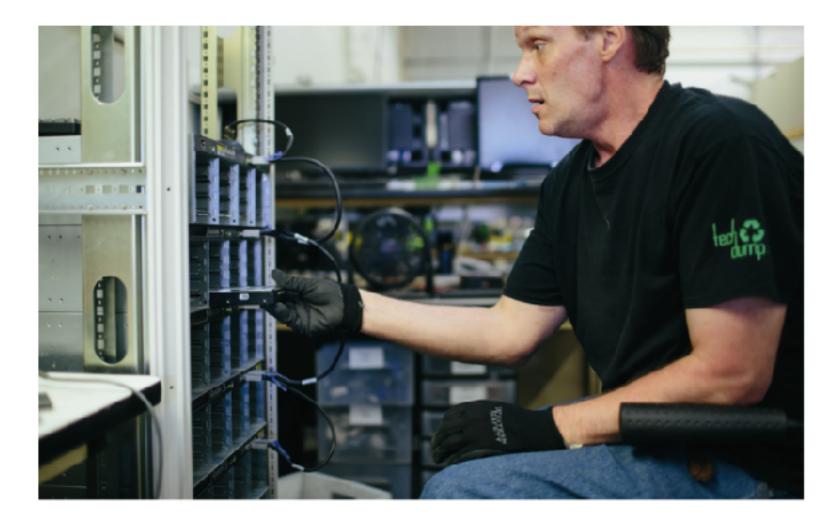






## Minnesota's 'right to repair' bill would upend tech giants' monopoly on fixing your stuff

Friday, February 3, 2017 by Taylor Danz in News



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#### **2017 State Legislation**

	Senate	House	End of session
New York	S618	pending	December 31
Nebraska	LB 67	n/a	June 2
Minnesota	SF 15	HF 287	May 22
Massachusetts	SD 938	HD 1692	June '18
Kansas	pending	HB 2122	May 15
Wyoming	pending	HB 0199	March 6
Washington	pending	pending	April 23
Tennessee	SB0888	HB1382	April 14
Illinois	pending	HB3030	December 31



#### **2018 State Legislation**

Hawaii				
Illinois				
lowa				
Kansas				
Massachusetts				
Minnesota				
Missouri				
Nebraska				
New Hampshire				
New Jersey				
New York				
North Carolina				
Oklahoma				
Tennessee				
Vermont				
Virginia				
Washington				
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#### Executive Director, Repair.org



# It's Time for Fair Repair

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- Firmware
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