Products Are Changing

Fridges, TVs and other appliances are getting much more efficient. Less waste means more money, and every home in Europe will get a €490 energy bill cut by 2020. This revolution is all thanks to two very smart EU policies.

Why the Policies Work  Product by Product
Die Bundesregierung muss sich jetzt in Brüssel für das Recht auf Reparatur stark machen!!!! Für eine Ecodesignrichtlinie, die Verbraucher entlastet & Ressourcen schont.

Wir fordern: Die Bundesregierung muss jetzt in Brüssel handeln.
Recht auf Reparatur!

Wir fordern das Recht auf Reparatur!

SCHRAUBE LOCKER!?
80 universities
Gay Gordon-Byrne
Executive Director, Repair.org
Minnesota's 'right to repair' bill would upend tech giants' monopoly on fixing your stuff

Friday, February 3, 2017 by Taylor Danz in News
Security Experts Unite Over the Right to Repair

Security Experts Unite Over the Right to Repair
Repairable Products Make Good Sense

Repair is good for manufacturers, good for the economy, and good for the rest of us.

We rate the latest products to make it easy to buy repairable hardware.

Smartphones
Right to Repair is a Growing Movement

86% of Voters in Massachusetts overrode the car companies and passed the automobile owners' Right to Repair law in November, 2012.

114,322 Americans signed a petition to legalize cell phone unlocking. And in October 2018, the US Copyright Office granted a three-year exemption to allow unlocking!

Over 3 million people have joined iFixit to teach each other how to repair their own stuff, and thousands more are pitching in every day.
Right-to-Repair Laws Could Make It Easier to Get a Phone or Laptop Fixed

Similar legislation helped car owners, ensuring that local shops and consumers could make repairs

By Nicholas Deleon
March 29, 2018
PRESS RELEASE
August 29, 2019

Apple offers customers even more options for safe, reliable repairs

New Independent Repair Provider Program Expands Genuine Parts Access to More Repair Businesses
E-WASTE RECYCLER HEADS TO PRISON ON COUNTERFEITING CHARGES

Lundgren: I want meeting with Microsoft & Right to Repair group
Those stickers warning that repairs will void your warranty are nonsense, FTC says
Nixing the Fix
A workshop on repair restrictions
JULY 16, 2019 - WASHINGTON DC

ARGUMENTS FOR & AGAINST REPAIR RESTRICTIONS

THINK ABOUT SECURITY WHEN DESIGNING PRODUCTS
- People should be able to fix their stuff

DESIGN THINGS TO BE REPAIRABLE
- Design components with batteries
- Battery cells designed in a specific way and repaired in a specific way

CONSERVATION/DISTRIBUTION OF COST
- Local costs, different costs
- Handing info to consumers will not solve safety issues

SAFETY CONCERNS WITH BATTERIES
- Economy of scale means cheaper

PRODUCT DEFECTS - CAN ONLY FIX WITH PURCHASE OF A CONTRACT
- George Washington

HIGH REPAIR-MENT COSTS
- Huge costs going into landfills

Huge gains

PRODUCTS COMPLETELY SEALED
- Design for repairability

BATTERIES ARE GLUED TO DEVICES
- Design for repairability

ACCESS TO REPAIRABLE PARTS - A HURDLE
- Local costs, different costs
- Handing info to consumers will not solve safety issues

CONSUMERS WANT SMOOTHER DEVICES
- George Washington

DEVICES ARE COMPLETELY SEALED
- Design for repairability

RIPPLNE affect of environmental harm

WHAT'S THE FIX?

RIGHT TO REPAIR = DESIGN CONSTRAINT
- Select safer materials or be replaced

RIGHT TO REPAIR
- Design for repairability

WHAT'S THE FIX?

FEDERAL ISSUE
- NIST FOLLOW BEST PRACTICES TO FEDERAL TRUST

REPAIR RESTRICTIONS REMOVE ACCOUNTABILITY
- Federal issue

REVIEWS SCORES LET CONSUMERS MAKE INFORMED CHOICE
- Senator Frank Baukum

DESIGN CONSTRAINT - HIGHER COSTS
- Senator Frank Baukum

ENTREPRENEURSHIP - ECO MARKET COMPETITIVE
- Competitor makes market better

RIGHT TO REPAIR
- Manufacturers

WHAT’S THE FIX?

CREATE A REPARATURABILITY SCORE
- Millionaire

DIFFERENT PRODUCTS HAVE DIFFERENT HISTORIES
- Millionaire

EXTENDED PRODUCT
- Millionaire

RESPONSIBILITY
- Millionaire

JON DREKE MID MARKET LOCS
- Repair workshops - 416k repairs

FEMA STATISTIC
- 1% consumer satisfaction

SMARTPHONKSTATIST
- 416,000 disposed of everyday

CONSUMER
- Millionaire

DOUL RESTRICTIONS ON SMARTPHONE MARKETS

WHAT'S THE FIX?

WHAT'S THE FIX?

WHO SHOULD REPAIR WHAT AND WHEN?
- By whom?

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- By whom?

DO NO HARM
- Risk for consumer harms

WILL REPAIR WHAT AND WHEN?
- By whom?

TIME IS AN ISSUE WITH SMART
- Repair phone disposal

- EPA STATISTIC

1% CONSUMER SATISFACTION

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Restart Project

“The Restart Project is a London-based social enterprise that encourages and empowers people to use their electronics longer, by sharing repair and maintenance skills.”

7 Members

23.1k Reputation
371 Solutions
39 Guides

David Mery
1 Reputation
0 Solutions
0 Guides

Philip Le Riche
23.1k Reputation
371 Solutions
39 Guides

Janet Gunter
1 Reputation
0 Solutions
0 Guides

James Diamond
1 Reputation
0 Solutions
0 Guides
Repair Café Louvain-la-Neuve
325 Reputation | 2 Members

Repair Café Marseille
Équipe des réparateurs du Repair Café Marseille
2 Reputation | 2 Members

Repair Café Le Mans
Venez réparer vos objets cassés ou abîmés (vêtements, électroménager, informatique, vélos, jeux, meubles, ...) au Mans. http://repaircafe-lemans.org
1 Reputation | 1 Members

Repair Café Stuttgart
Wir stellen Werkzeug, Material, Zeit und Energie ehrenamtlich zur Verfügung und unterstützen die Teilnehmer mit Fachwissen und Geschick.
1 Reputation | 1 Members
Skills, techniques and tools

Written By: Philip Le Riche (and one other contributor)

Comments: 0  Favorites: 24  Completions: 5

Introduction

Repairing involves many different skills and techniques, most of them pretty easy to acquire, and some of them made a lot easier with the right tools.
Step 1  
Skills, techniques and tools

- A collection of pages covering general repair techniques, including:
  - **Sticky stuff** - how to stick things back together again when they break.
  - **How to drive screws like a pro** - we all know how to use a screwdriver, but do you know how to use it properly?!
  - **How to use a multimeter** - one of the most useful items in your tool box after a good set of screwdrivers.
  - **Connecting and joining wires** covers a variety of methods you will find useful in different situations.
  - **Surface mount soldering** - You can do more than you might realise with a modest collection of tools.
  - **PAT Testing Survival Guide** - the essentials of electrical safety testing.
  - **Magnifiers and inspection aids** - you can’t fix what you can’t see - how to see more.
Philip Le Riche
@pleriche
23,177 Reputation
371 Solutions
38 Guides
Member Since 02/18/2014

Interested in electronics including Raspberry Pi and Arduino and generally fixing stuff. You can also find me on instructables.com as p_leRiche and Twitter @pleriche. Volunteer with TheRestartProject.co.uk and keen to share my knowledge and skills, and do anything I can to encourage girls to follow STEM subjects.

Team
Restart Project
The Restart Project is a London-based social enterprise...
Traduire

Aidez en traduisant iFixit dans une langue que vous maîtrisez.
Avant de commencer, lisez les directives pour la traduction.
Vous pouvez également traduire notre interface utilisateur.

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Supporting Community Repair
Tool Microgrants
€50,000