IN A DISPOSABLE SOCIETY, WE NEED TO REPAIR.

THERE IS NO PLANET B.

RIGHT TO REPAIR.

Fix The Planet #RightToRepair
Scaling the Repair Community
I’m from here!
iFixit’s mission is to enable everyone to repair every thing they own.
Zirkus Mutter Erde Festival, Stuttgart
Patagonia

Zürich

Since 1987

- Worn-Wear Tour
  20-22.9.2018
- Film Abend
  20.9
- Mountains of Storm
- Upcycling Tombola
  Zugunsten von POW
ようこそ!! ジャンクの世界へ
Surface Pro3

液晶割れ
iFixitが10段階中1と評価した修理・分解難易度は5
払戻品にいけるか？

¥13,113

PCNETジャンク通り店 地下フロア
FAIRPHONE

The phone that cares for people and planet

Introducing the Fairphone 3, a phone for everyone who cares about how their products are made. It’s got everything you’d expect from a great phone — and so much more. It improves the conditions of the people who make it and uses materials that are better for the planet. Because how it’s made matters.

Discover our story ›
Final Thoughts

- Key components like the battery and screen have been prioritized in the design and are accessible either without tools or just a regular Phillips screwdriver.

- Visual cues inside the phone help with disassembling and replacing its parts and modules.

- Replacing complete modules is very easy. Going for their internal parts is also possible and requires a Torx screwdriver.

- Replacement guides and spare parts are available via the manufacturer's website.

- Most components inside the modules are individually replaceable though some are soldered on.
E-waste is a huge problem. We’re making more gadgets than ever before, and manufacturers are blocking people from repairing them to extend their life.

We could fix this with a bill in California this year. Write or call your representative and tell them you support HB1163.

Support your Right to Repair!

california.repair.org
Bill: HB1163
#RightToRepair
Repair is a cornerstone of our environmental and economic future.
Mercedes W123 Repair

The W123 chassis covers 240D's, 300D's, 300TD's, 280E's and several other models of Mercedes coupes, sedans and wagons from model years 1977 to 1985.

42 Replacement Guides

- Ash Tray
- Battery Ground Cable
- Brake Caliper, Front
- Brake Caliper, Rear
- Brake Disc, Rear
- Brake Hose
- Brake Line, Front Driver's Side
- Brake Line, Rear
- Brake Pad, Front
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<tr>
<td>How to change Mercedes W123 coolant</td>
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<td>How to Change Mercedes W123 Power Steering Fluid and Filter</td>
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<td>How to check Mercedes W123 Fuses</td>
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<td>How to check the coolant level in your Turbo Diesel Mercedes W123</td>
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<td>How to clean Mercedes W123 Electric Ground contacts</td>
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<td>How to fix Mercedes W123 “screw open” style window regulator</td>
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<td>How to purge your Mercedes W123 diesel</td>
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<td>Mercedes W123 Basic Battery and Alternator Test Technique</td>
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<td>Mercedes W123 Basic Diesel Blow-by Test Technique</td>
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<td>Mercedes W123 Battery Maintenance</td>
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<td>Mercedes W123 Diesel Oil and Filter Change, Under-Car</td>
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<td>Mercedes W123 Diesel Pre-Purchase Inspection</td>
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<td>Mercedes W123 disable security alarm</td>
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# Mercedes W123 Brake Fluid Flush/Bleeding

Written By: Nicolas Siemens (and 3 other contributors)

- Comments: 3
- Favorites: 9
- Completions: 4

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<th>Difficulty</th>
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<td>Time Required</td>
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<td>Sections</td>
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## Tools

- Smart Wrench
- Clear plastic tube
- Drain Pan

## Parts

- Dot-4 Hydraulic Brake Fluid
  - Available for sale on Amazon

- Motive Power Bleeder
- Turkey Baster
Step 6

- Now open the bleed screw and watch as fluid begins to flow.

- If you're flushing the system leave the line open until you see fresh fluid coming out. Tip - buy fluid a different color than that currently in your car. Doing so makes it very easy to tell when the fresh fluid reaches the end of the line.

- If you're bleeding your system you'll want to leave the nipple open until you no longer see any air bubbles at all coming out of the bleed nipple.

- Repeat steps 5 and 6 on all four wheels using the sequence noted in step 4. It's recommended to go through the entire sequence twice.

⚠️ Be sure to keep an eye on the power bleeder during this process. Do not let it de-pressurize or run dry; either can allow air to enter the system and you'll need to start bleeding all over.
I've been tinkering for as long as I remember, in fact I think I may have learned to read a simple circuit diagram before I learned to read English! Reading and writing seemed daunting at infants school when I was first encouraged to learn, but then I discovered there were books about electricity in the local library! By the end of a weekend I was making strides, and in only a few weeks I'd read all the electricity books the children's section of the library.

That was back in the 1950's. At the time, my father used to take family portraits using photoflood lamps. These were ordinary tungsten bulbs but over-run in order to give a more intense light at the cost of a much shorter life. He had a piece of wood with two switches and two sockets on it (I can still picture it) with which he could switch two photofloods in series for modelling at his leisure without burning them out, or in parallel for full brightness to take a photo. The circuit diagram was one of the first I ever understood.

Having shown an interest in electricity I was given a few batteries, bulbs, switches and bits of wire to play with, and although in the course of time I graduated to valves and transistors, and later to integrated circuits and computers, I've never really stopped tinkering. Taking things apart has always been a fascination for me.

After (naturally) opting for sciences at school I went to university and studied electronic engineering. But in one Summer vac job I was given a piece of stripboard...
The 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.

Techniques

- Computer Hardware and Peripherals
- Computer Software
- Electronic Gadgets
- Fixing your carbon-based gadgets (err, just for fun)
- General Topics
- Household and kitchen items
- How stuff works
- Repairing with Others
- Skills, techniques and tools
iFixit Member Survey

91% Told us that iFixit has enabled them to perform repairs they wouldn't have done otherwise.

95% say that a successful repair makes you more likely to buy another product from that manufacturer.

7 Average number of things people have fixed using iFixit.
2017

Localytics

Source: Localytics November 2017

<table>
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<tr>
<th>Model</th>
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<tbody>
<tr>
<td>iPhone 7</td>
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</table>
Phones

1. BlackBerry RIM 7250 Keyboard Replacement
2. Motorola Moto E4 Charging Port Replacement
3. Samsung Galaxy S9 Rear-Facing Camera Replacement
4. Samsung Galaxy S8 Active Battery Replacement
5. Sony Xperia XZ2 Rear Camera Replacement
6. Nokia 6 Battery Replacement
7. Essential Phone Battery Replacement
8. LG Stylo 2 Plus Front Camera Replacement
Achievement Unlocked: 50,000 Repair Guides Now on iFixit

This week, we’re publishing the 50,000th repair guide on iFixit. These guides span 13,500 devices and have helped millions find the information they need to fix their stuff. Thanks to these guides, millions of electronics have been kept out of landfills—and they’re still being typed, textured, and tinkered on by the fixers who own them.

While 50,000 guides is a huge accomplishment—one we owe to our wonderful community of tinkerers—it’s what happened along the way that we’re really proud of. A huge portion of these guides, ~30,000 or so, were written by students in our education program.
19,000 students
Motorola partnership

Motorola Phone Repair

Broken Phone? We've Got The Fix.

Click on your device model to find the repair solution that's right for you.