Laundering money

Michael Orlitzky

DEF CON 32

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Goal: do laundry without giving any money to



'Cause fuck em, that's why
-Ralph Henderson

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Background: Speed Queens

Background: Speed Queens

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All washers and dryers are Speed Queens:

- The most popular commercial washer/dryers in the U.S. (source: probably)
- Manuals can be found online
- CSC has modified them so nothing works

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Non-solution: stupid arcade tricks

- Inserting quarter-sized metal washers (cost: \$0.39 each)
- Drilling a hole in a quarter and tying a string around it

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Non-solution: manual mode

- Pushing the two buttons
- Opening and closing the service panel door
- Separating a bullet connector

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Non-solution: miscellaneous

- Disabling the payment system with a dipswitch (washers)
- Shorting the red-white and yellow-gray wires (dryers)

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Background: CSC Service Works

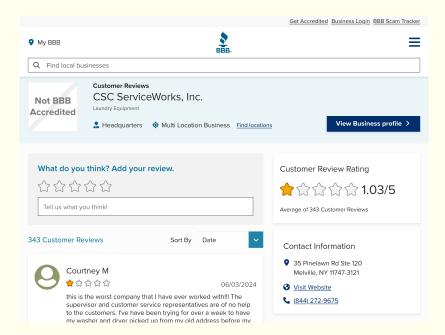
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CSC loans laundry machines to apartments and condominiums. Residents pay to use them with

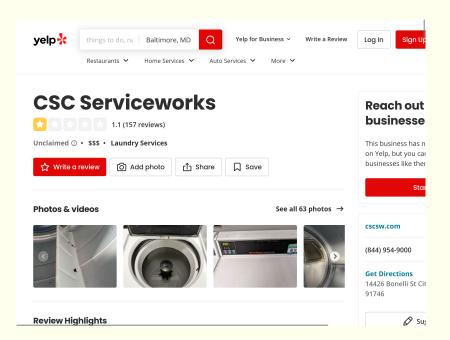
- A refillable chip card (legacy?)
- The CSCPay or CSC GO apps
- Quarters

In exchange, CSC is obligated to maintain the machines.

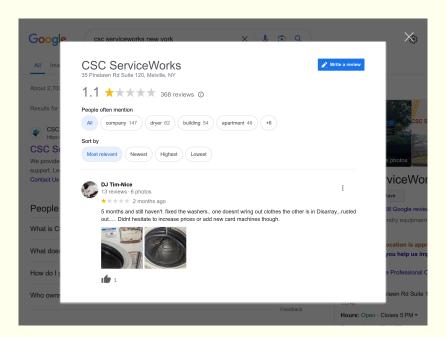
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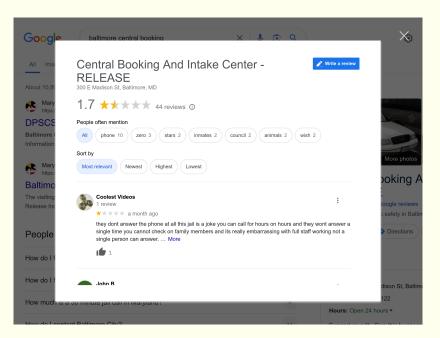
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Background: CSC ServiceWorks

$Dark\ patterns$

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Dark pattern: prepaid cards

- Fuck you if it stops working
- Card refill machine eats \$1 bills but doesn't add \$1 to the card
- Card readers all removed ahead of schedule
- Snail mail & blind faith required for a refund

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Dark pattern: machine settings

- How many loads of laundry does it take to spend a multiple of \$10 at \$1.85 a piece? Hint: it's 200
- Can't change cycle options after you've put a quarter in

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Dark pattern: apps

- Takes money at any time but can only be used if the building's wifi is up
- Alleged by PayRange, Inc. to be stolen IP
- I don't know, I've never used them
- They're apps

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Dark pattern: customer service

- To get a refund:
 - call customer service
 - wait on hold for an hour
 - they say use the website
 - the website says download the app
- When the machines break, CSC doesn't actually fix them (one job)
- Lost RICO suit over "administrative fees"

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What are you gonna do, sue us for \$2?

-Someone at CSC, probably

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Background: me

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• Doesn't like to be taken advantage of

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- Doesn't like to be taken advantage of
- Knows how to touch two wires together

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- Doesn't like to be taken advantage of
- Knows how to touch two wires together
- Is going to bypass the coin drop mechanism

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- Doesn't like to be taken advantage of
- Knows how to touch two wires together
- Is going to bypass the coin drop mechanism
- What are they gonna do, sue me for \$2?

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GETTING IN: DRYERS

Getting in: dryers

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GETTING IN: WASHERS

Getting in: washers

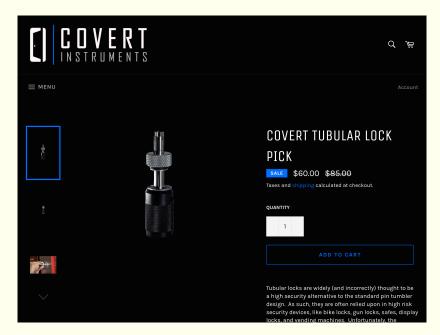
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Option 1: hardcore mode?

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Disclaimer:

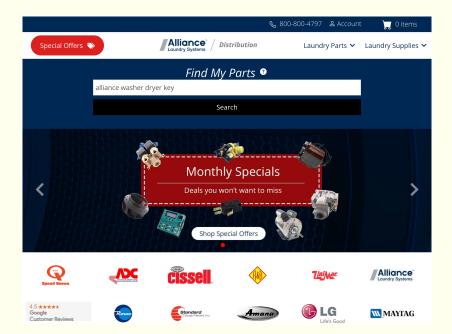
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Option 2: the other way

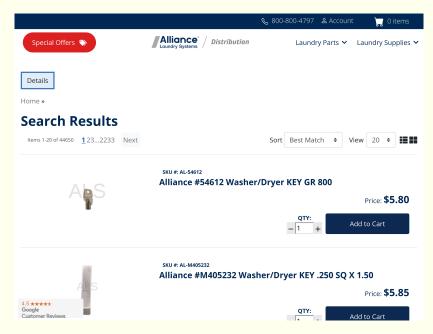
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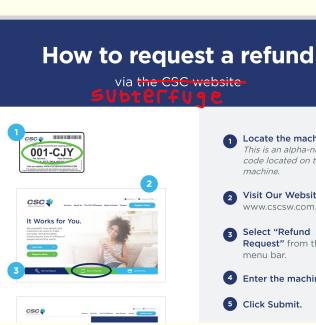
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Getting a refund: washers

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Locate the machine ID. This is an alpha-numeric code located on the air machine.

- Visit Our Website www.cscsw.com.
- Select "Refund Request" from the menu bar
- Enter the machine ID.
- Click Submit.

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• Can't break the machine

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- Can't break the machine
- Don't break the machine

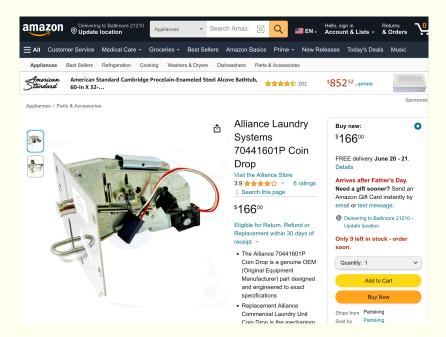
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- Can't break the machine
- Don't break the machine
- If you break the machine, you'll get in trouble

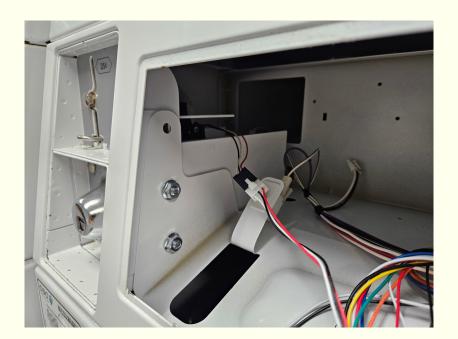
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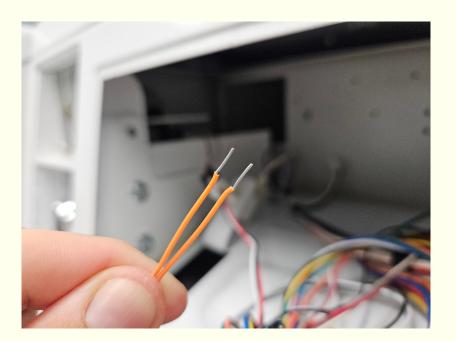


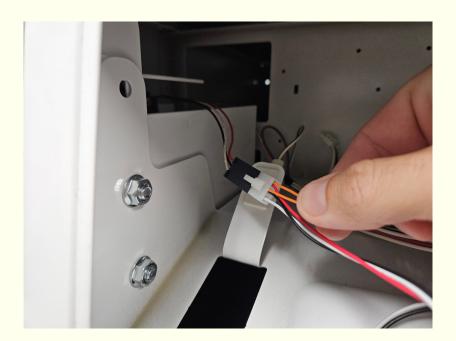
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How long will it take for my refund to arrive?

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Typically, it takes 12-15 business days for a refund check to get processed and delivered by USPS or FedEx.

Do I have to cash my check in a certain amount of days?

-

Service

Fan I request service for a machine?



To request service for a broken machine, please note the machine ID number on the machine and follow the link below to visit the service request form. After submitting the form, you will receive a confirmation email to finalize your service request.

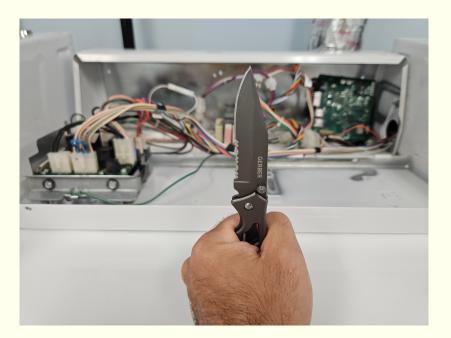


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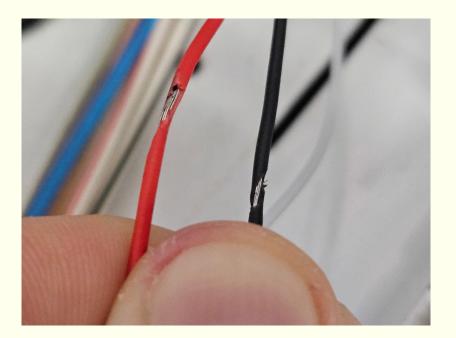
Getting a refund: dryers

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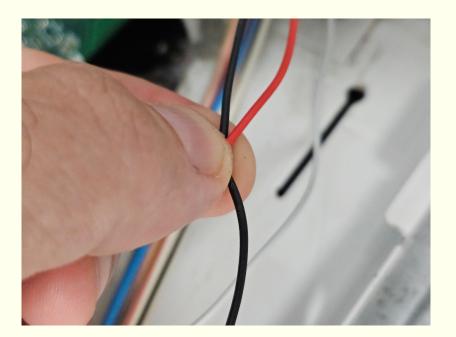




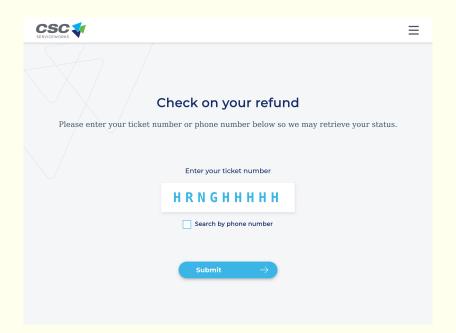
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The end

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