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| --- | --- |
| Category | Colour |
| Automatable | Red |
| Not Automatable | Yellow |
| Works | Orange |
| Recycle | Green |

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| --- | --- |
| Automatable Task | Not Automatable |
| Screen Repair | Customer Interaction |
| Battery Replacement | Software explanation |
| Charging Port Replacement |  |
| Main Board Thermal Scanning |  |
| Back Glass Replacement |  |
| Back Camera Replacement |  |
| Front Camera Replacement |  |
| Screen Protector Replacement |  |
| Thermal Imaging |  |
| Disassemble for Recycling |  |
| Soldering |  |

|  |  |
| --- | --- |
| Part | Price |
|  |  |
|  |  |
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Recycling Process:

1. Full diagnostics: Figuring out which parts are working, and which parts are not.
2. Stand Alone Parts: Categorize which parts can be replaced into another phone and work perfectly and which parts cannot.
3. Disassemble: Take apart the mobile phone and put it in different categories.
4. List Recyclables: List all the parts that is easier to Recycle than Buy.
5. Test: Test the parts as a stand-alone device to see if they are working.
6. Discard: Discard parts for future recycling or garbage to a minimal waste.