



# Jig list by use

## 1. LCD

[Extra data](#)

### 2. Battery, True Tone & Face ID

### 3. Flex

### 4. Back-housing

### 5. DSM / ASM

[DSM](#)

[ASM](#)

## 1. LCD



- **S300:** 7 - 13 Pm
  - We don't have the flexes for the 13Pro & 13 Pro Max
    - **They don't exist yet**
  - IP8=21 IP8+=6 IPX=6 IPXR=7 IPXS=6 IPXSM=6 IP11=20 IP11P=5 IP11PM=19 IP12m=6 IP12/12PRO=25 IP12PM=21 IP13m=6



- **Multifunctional 3D Printed**
  - [8] [8+] **Need repair**
    - Extension flex LCD

- [7] [7+] [X] [XS] [XS+] [XR]
- 



- **The Phone**

- They used to use it because we didn't have enough S300
- Tend to be broken more than the other ones

## Extra data

List by frequency of breaking:

1. Phone

**IMPORTANT:** this one requires a special way of disconnecting.

BATTERY → then → LCD.

The tendency on this one is to break by the connector

2. Multifunctional 3D Printed

It's very uncomfortable to detach the ribbon and prone to breaking on the jig side (both connectors)

3. S300

They tend to break 2 ribbon cables (different) every 3 months.

List by comfortable:

1. S300

2. Phone

3. Multifunctional

## 2. Battery, True Tone & Face ID



- **V1SE [7 - 13PM]**

Uses: Battery & True Tone

As good as S300

Could be better and faster to attach and detach maybe

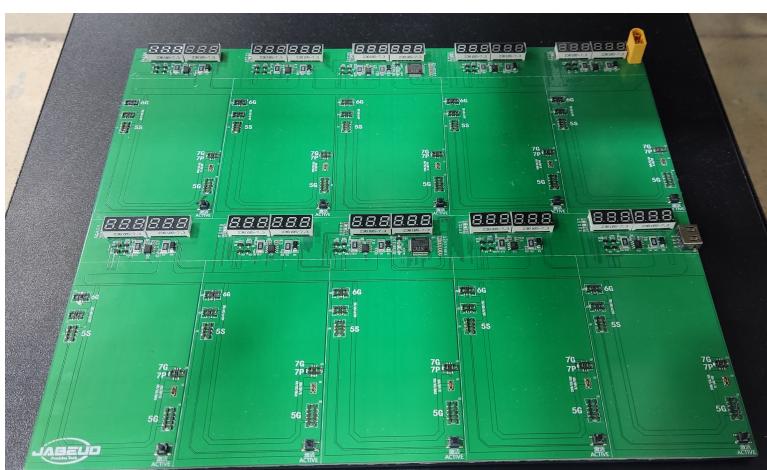


- **RP30 [8-13PM]**

Uses: Battery[8-13PM] & Face ID[X-13]

This is the only one used for Face ID

Apparently the V1SE can work face ID but needs a license



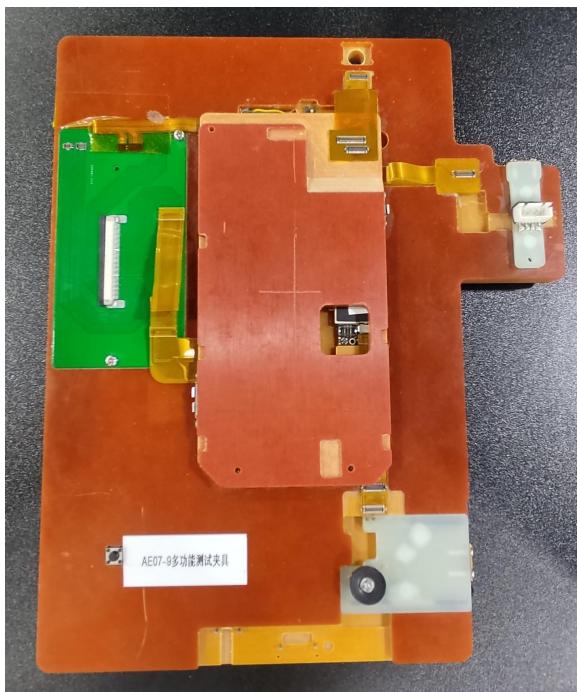
- **Battery Charge Station [6-XS] [6-13PM]**

Used mostly to revive dead batteries

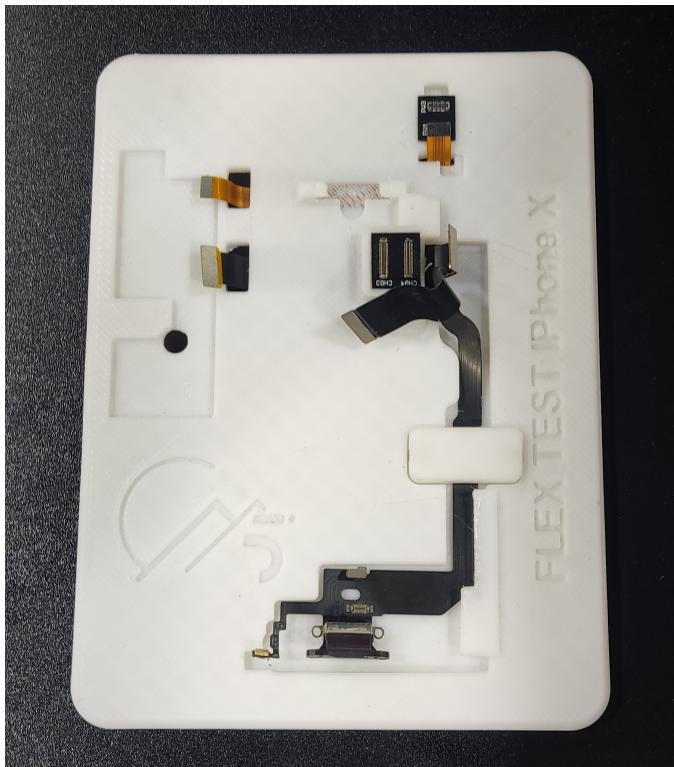


- JCB1 [5G-XSM]
  - Old, almost not used

### 3. Flex



- ALLINONE (AE07) [6+]
  - Side key & Power key flex
  - Charging port flex
  - Frontal Cam Module
  - Main Cam Module



- Flex 3D Printed [X]
  - Wasn't finished as is

Tests remaining:

- Wireless charging
- Charging port / Speaker / Mic (dual) / Sensor [>6S]
- Maybe: Vibration Motor

Not testing:

- Antenna flex
  - GSM
  - BT & WiFi
- SIM tray

## 4. Back-housing

- *Making one for painting soon*

All the tests done on Flexes are done here in back-housing

## 5. DSM / ASM

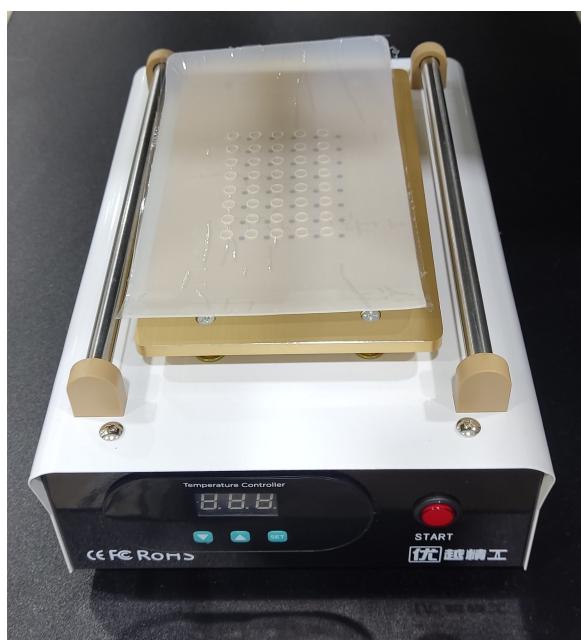
### DSM





- **Disassembly Hot Mat + Opening Vise**

- Used in conjunction
- Hot Mat
  - only one has “broken”, pending for check
- We have more mats than vises



- **LCD Opening Hot Plate**

- Its use for opening and removing frame and crystal
- They tend to change the soft plastic mat that creates the suction between the plate and the phone around 1 every 4 months
- mats are bought separately



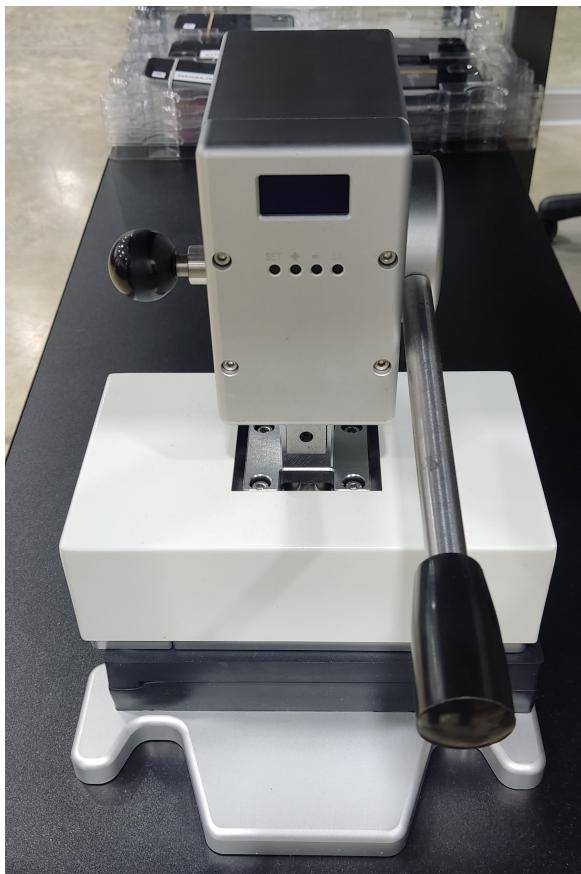
- **LCD Frame Remover [8 & 8+]**

- Takes too long to heat up
- Could be fixed to the table
  - Needs to be diagonal, both ways so can be used by both hands

## ASM



- **V1SE [7 - 13PM]**



- **Press Machine [All]**

- Its manual, it has a screen where it says the amount of pressure used
- They are not using it currently, they used it once [11] and because they broke the LCD they stopped. Gabriel said they are going to use it