

Step by step tutorial: of CAT S30 Scanner

For this tutorial you will need the following spared parts and tools that you cant get at our online store <u>Impextrom.com</u> Click on a tool for visit the website.

2 in 1 soldering station, ATTEN AT8586	Touch screen Caterpillar S30 black	Screwdriver with 28 tips JK 6032-A	Head made of synthetic carbon steel with titanium handle	Set of 5 metal picks for opening	Heat-opening thermal mat, CPB320
106,39 €	7,84 €	5,51 €	18,63 €	3,09 €	69,61 €
Disassembling Repairing Battery Pry Tool Piece	Opening tool Smartphone, tablet	Anti-static tweezer tips BEST BST- 7A	Stripper gun, hot air welder for repairs	Terminal opening tool, plastic	
2,58 €	2,19€	3,86 €	15,59 €	0,71 €	

Step 1 - characteristics

Dimensiones: 72.74 x 141.9 x 13.25 mm **Peso**: 181 g SoC: Qualcomm Snapdragon 210 MSM8909 Procesador: ARM Cortex-A7, 1100 MHz, Ntimero de nticleos: 4 Procesador grafico: Qualcomm Adreno 304, 400 MHz Procesador grafico: Qualcomm Adreno 304, 400 MHz Memoria RAM: 1 GB, 533 MHz Memoria interna: 8 GB Tarjetas de memoria: microSD, microSDHC, microSDXC **Pantalla**: 4.5 in, TFT, 480 x 854 pixeles, 24 bit Bateria: 3000 mAh, Li-i6n (de Tones de litio) Sitema operativo: Android 5.1 Lollipop Camara: 2592 x 1944 pixeles, 1920 x 1080 pixeles, 30 fps Tarjeta SIM: Nano-SIM **Wi-A**: b, g, n, WI-FI Hotspot USB: 2.0, Micro USB Bluetooth: 4.1 Localizacion/Navegacion: GPS, A-GPS, GLONASS



Step 2 - Cards

Remove the cards from the phone, if necessary use a plastic opening tool.

















Remove the 10 Allen screws (1.3) that are located around the phone.



Step 4 - Back case

Once all the screws are removed, unhook the back cover slowly and remove the side buttons.





Step 5 - Battery

Disconnect and remove the battery, to disconnect it you can use a plastic opening tool.





Step 6 - Vibrator

Unsolder the vibrator and remove it from the intermediate housing.





Disconnect the rear camera with the help of a plastic opening tool, and using a pair of tweezers, remove it.







Step 8 - Intermediate housing

Remove the two Torx screws (T5).





Lift the intermediate housing little by little, but be careful, the speaker is stuck to the intermediate housing and welded to the base plate.













Peel off the cover of the intermediate housing, peel off the speaker, and strain it through the slit in the intermediate housing.













Unsolder the speaker.



Step 12 - Frontal camera

Remove the sticker on top of the socket of the front camera, carefully lift the tab of the socket, with a pair of tweezers, take off the adhesive that is on top of the camera. Once removed, you can remove the camera.





Step 13 - Flex

Using a pair of tweezers, take off as you did before with the front camera, the adhesive that is on top of the display and digitizer connectors, and also disconnect the flex from the proximity sensor.





Step 14 - Proximity sensor and headset

Remove the proximity sensor, for this we have used a closed clamp and we have introduced below the flex without damaging it, to detach the base of the sensor, then with a metal spike we have taken off the headset.







Step 15 - screen

We apply heat to the screen, you can use a heat blanket, a hot air gun or a thermal mat.

If you are going to use the heating blanket, CAREFULLY READ the instructions for use.







Step 16 - Scanner

With the help of a card, we take off all the edges of the digitizer.











