



ASUS U46E-RAL7 Screen Replacement

Screen replacement guide for the ASUS U46E-RAL7 Laptop.

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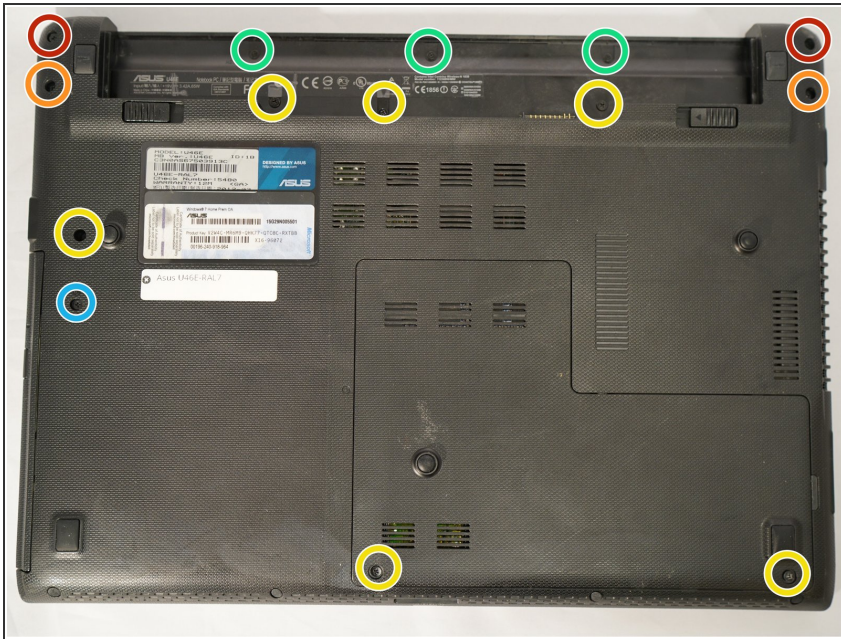
INTRODUCTION

In this guide, the user will be able to follow step-by-step instructions for replacing the screen in his or her ASUS U46E-RAL7 Laptop.

TOOLS:

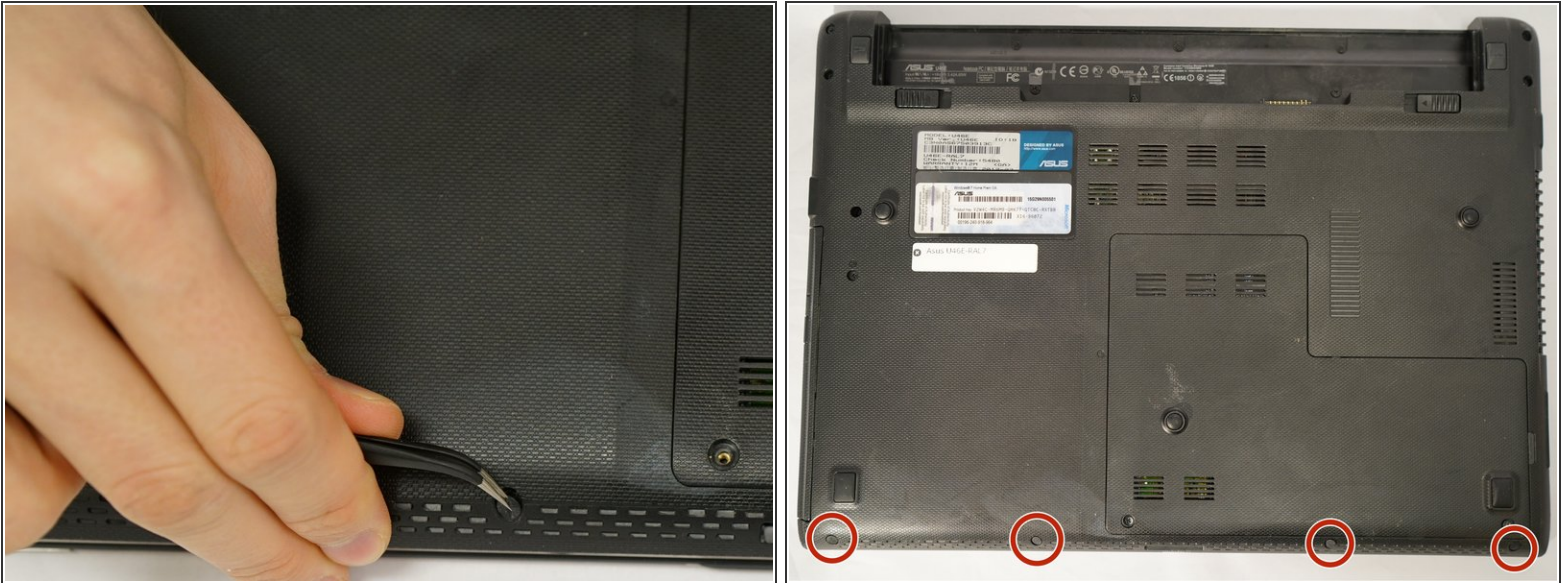
- [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Spudger](#) (1)
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Step 1 — ASUS U46E-RAL7 Back Panel Removal Guide



- Remove two (2) 9mm x 4mm screws from the back panel with the size 0 Phillips head screwdriver.
- Remove two (2) 7mm x 4mm screws from the back panel with the size 0 Phillips head screwdriver.
- Remove six (6) 7mm x 4mm screws with the size 0 Phillips head screwdriver.
- Remove three (3) 3mm x 3mm screws with the size 0 Phillips head screwdriver.
- Remove one (1) 4mm x 4mm screws with the size 0 Phillips head screwdriver.

Step 2



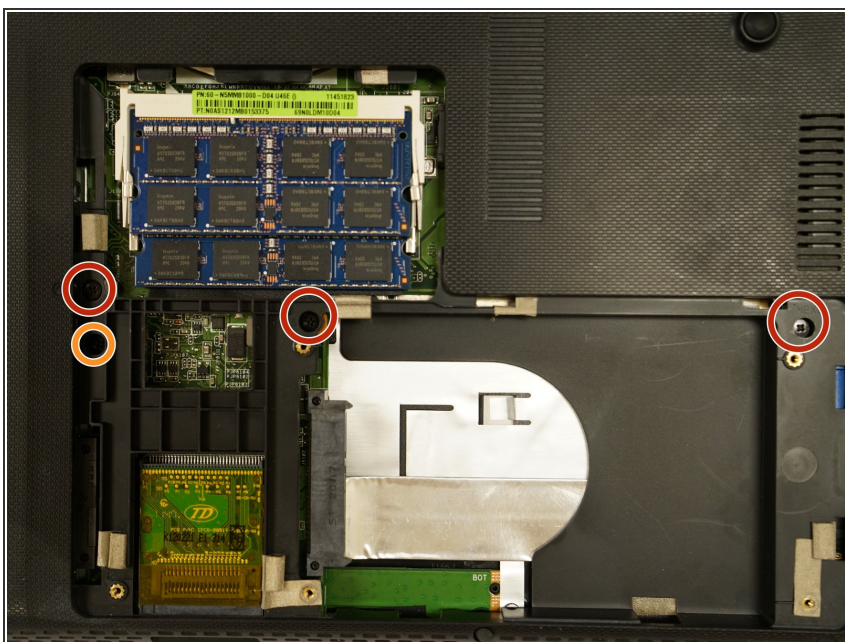
- Remove the rubber caps (4) with the tweezers. If the rubber caps are not removed easily, pull gently. The caps are glued down.
- Remove four (4) 7mm x 4mm screws with the size 0 Phillips head screwdriver.

Step 3



- Remove the L shaped panel with the plastic opening tool by inserting it into the indent along the USB port side of the laptop.
- Push down gently on the plastic opening tool until part of the panel pops up.
- Use your fingers to pop the panel off.

Step 4



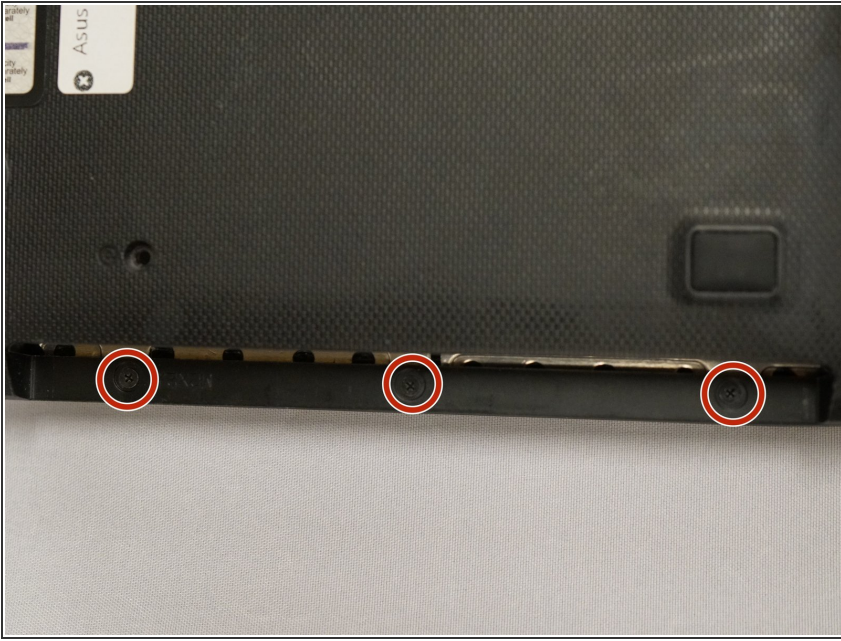
- Remove three (3) 5mm x 4mm screws with the size 0 Phillips head screwdriver.
- Remove one (1) 4mm x 4mm (closest to the battery) screw with the size 0 Phillips head screwdriver.

Step 5



- Remove the CD ROM drive by inserting the plastic opening tool between the drive and the laptop's side.
- Push down gently to eject the drive.
- Pull the drive straight out to remove the part from the laptop.

Step 6



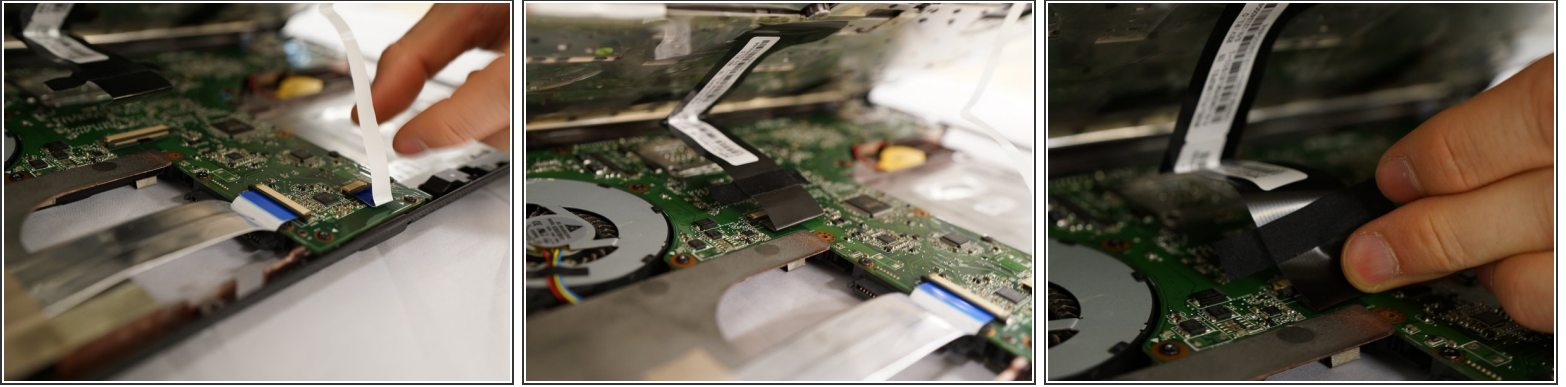
- Remove three (3) 3mm x 3mm screws with the size 0 Phillips head screwdriver.

Step 7



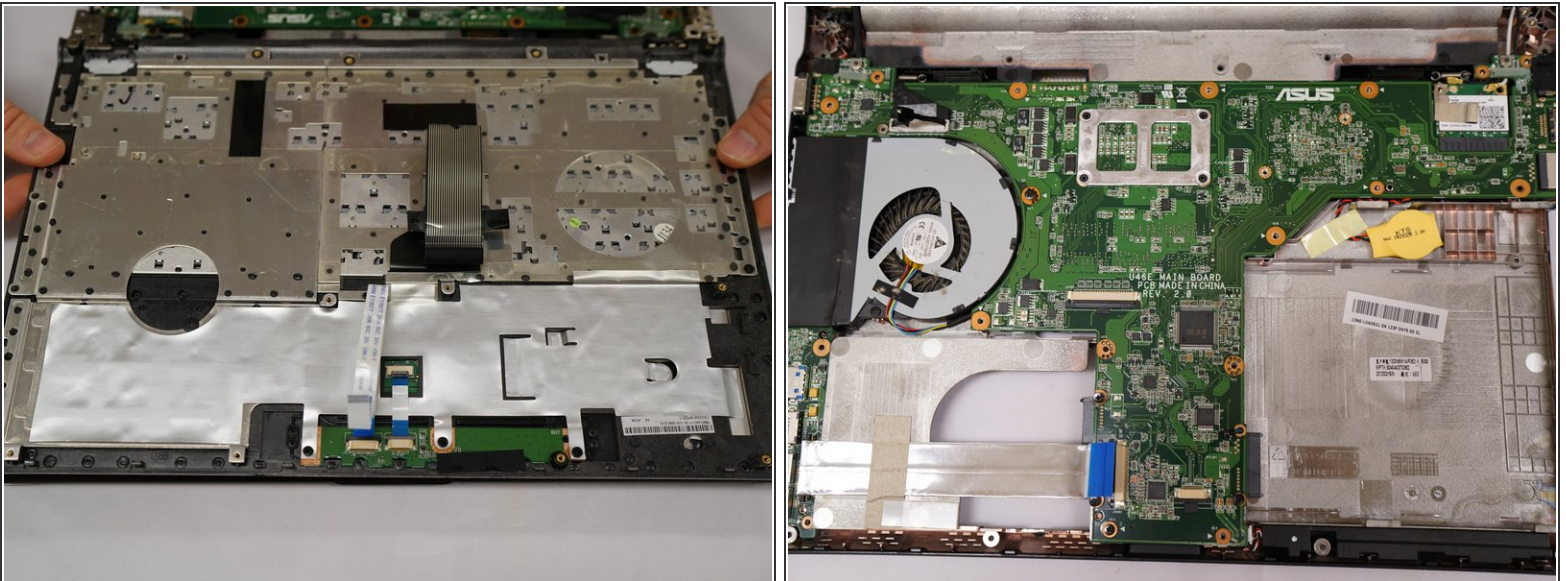
- Flip the device so that the laptop will open away from you to remove the hinge cover behind the screen.
- Place index fingers underneath the hinge cover and gently pull up.
- The cover will pop off easily with a click.
- Remove five (5) 5mm x 4mm screws from the hinge compartments of the device with the size 0 phillips head screwdriver.

Step 8



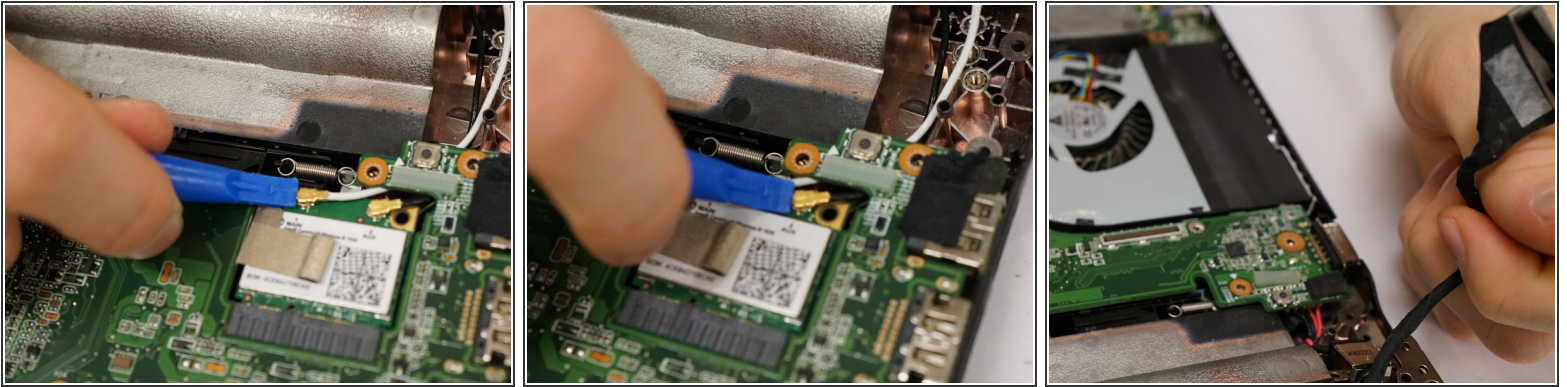
- Open the screen.
- Carefully lift the keyboard panel. The keyboard will be attached to the motherboard by two ribbons.
- To disconnect the ribbons, use your fingernails to push down gently on the protruding plastic at the base of the connector. There is a soft click and ribbon releases. Repeat for the other ribbon.

Step 9



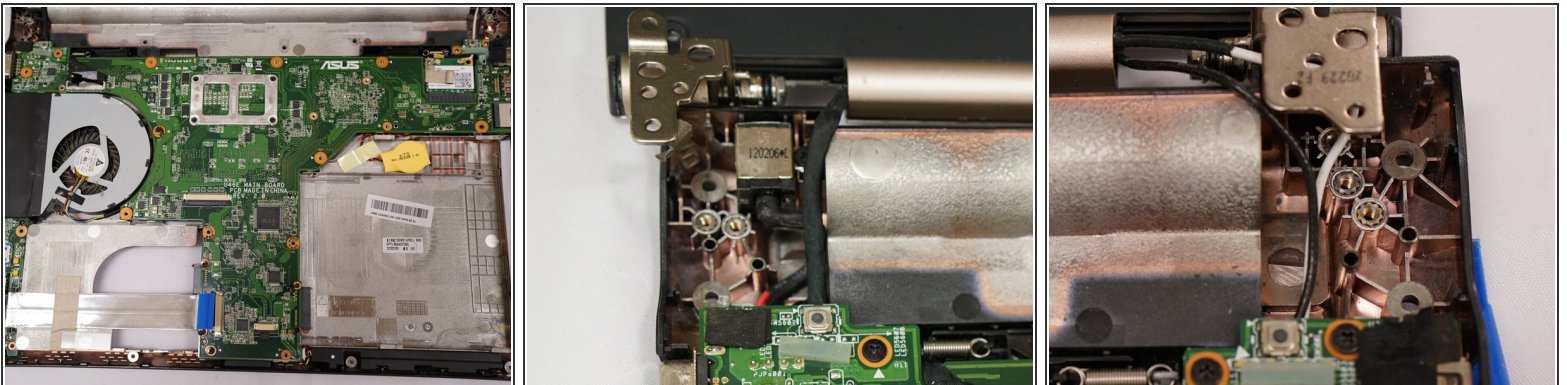
- Remove the keyboard from the computer to reveal the motherboard.

Step 10 — Screen



- Use the straight tweezers to disconnect the wires attaching the screen to the main computer by pulling up gently. The computer screen should be open and away from you.

Step 11



- Remove two (2) 5mm x 4mm screws from the upper right hand corner of the motherboard with the size 0 Phillips screwdriver.

Step 12



- Remove one (1) 5mm x 4mm screw from the upper left hand corner of the motherboard with the size 0 Phillips screwdriver.

Step 13



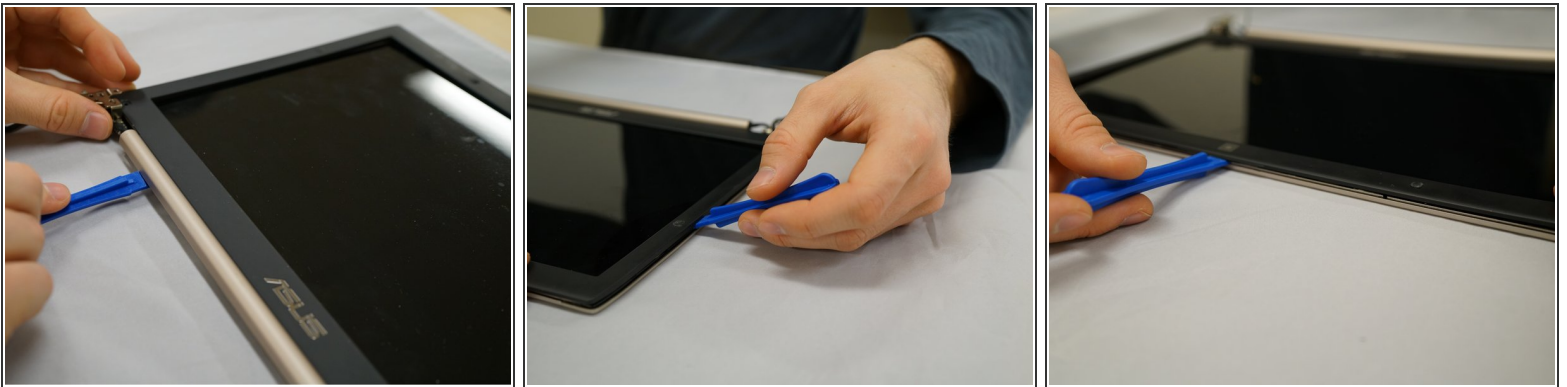
- Lift up the corner of the motherboard on both sides and disconnect the wires connecting the screen by pulling gently.

Step 14



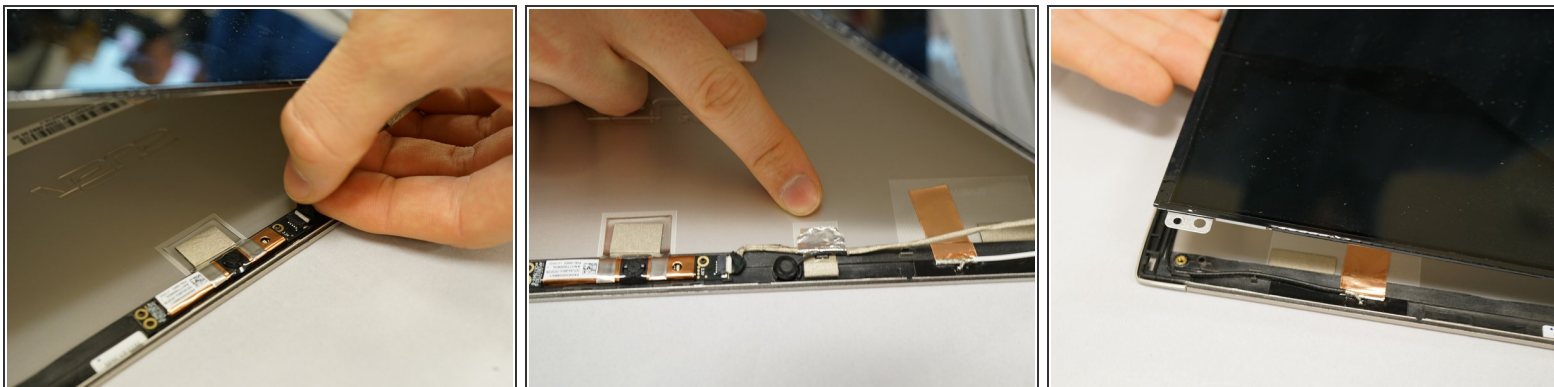
- Use tweezers to remove both plastic screw cover.
- Remove two (2) 5mm x 4mm screws with the size 0 Phillips screwdriver.

Step 15



- With the hinges facing towards you, use the plastic opening tool to pry up next to the hinges and work all the way around the screen.
- ⚠ The casing will be difficult to separate. The clips secure the casing together and may break as you remove the casing.

Step 16



- Remove the 4 pin connector from behind the screen.
- Lift up the LCD screen. Remove and pull away the tape as you lift the screen out. Screen will pull away easily once the tape is removed.

Step 17



- Lift the screen away from the back holder.

To reassemble your device, follow these instructions in reverse order.