



# MacBook Pro 15" Retina Display Late 2013 Lower Case Replacement

Replace the lower case on the MacBook Pro 15" Retina Display Late 2013.

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## INTRODUCTION

Use this guide to help you replace a scratched, scuffed, bent or broken bottom panel on your MacBook Pro 15" Retina Display Late 2013.

### TOOLS:

- [MacBook Pro and Air 5-Point Pentalobe Screwdriver](#) (1)

### PARTS:

- [MacBook Pro 15" Retina \(Late 2013\) Lower Case](#) (1)
- [MacBook Pro Retina \(2012 to 2015\) Lower Case Screw Set](#) (1)

## Step 1 — Lower Case



- Remove the following P5 pentalobe screws securing the lower case to the MacBook Pro:
  - Eight 3.0 mm
  - Two 2.3 mm

## Step 2



- Lifting from the edge nearest the clutch cover, lift the lower case off the MacBook Pro.
- Set the lower case aside.

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

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