Local Adjustments in Adobe Camera Raw (ACR) & Lightroom
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Types of Local Adjustments:

- **Adjustment Brush Tool**
- **Graduated Filter Tool**
- **Radial Filter Tool**
- **Spot Removal Tool (Heal or Clone)**
- **Red Eye Removal**

Differences between ACR & Lightroom:

- **In ACR the selection of tool in ACR on top toolbar; in Lightroom it is on a right side toolbar**
- **The Adjustment Sliders in ACR have buttons (- or +) on each Slider:** Pressing one of these buttons resets all the other sliders and decreases (-) or increases (+) the amount of adjustment.
- **Lightroom provides two different brushes (A & B)**
- **Lightroom has a toggle that switches between display with adjustments and without adjustments.**
- **Keys for changing functions are different:**

  Auto Mask: Confines brush strokes to areas of similar color.
  - Lightroom toggle: letter "A"
  - ACR toggle: Letter "M"

  Show Mask: Toggles visibility of the mask overlay in the image preview.
  - Lightroom toggle: Letter "O"
  - ACR toggle: Letter "Y"

  Show Overlay Pins: Shows where pins are; the active pin has a dot in the center.
  - Lightroom toggle: Letter "H"
  - ACR toggle: Letter "V"

Brush Options for ACR and Lightroom:

- **Size: Specifies the diameter of the brush tip, in pixels.**
- **Feather: Controls the hardness of the brush stroke.** Creates a soft-edged transition between the brushed area and the surrounding pixels. When you use the brush, the distance between the inner and outer circle represents the feather amount.
- **Flow: Controls the rate of application of the adjustment.** When using the Adjustment brush, the Flow sets speed of the adjustment made

when painting. For example, if you set the Exposure slider to +2 and then set the Flow down to 25 and paint in the image, you will notice that it takes a longer to build up that +2 stops than if you had left the Flow setting at 100 (eventually though, it will get there). A low Flow setting can help when trying to slowly dodge and burn in an area of an image.

- **Density: Controls the amount of transparency in the stroke.** The Density slider caps amount of change that can be applied with a paint stroke. If you set the Exposure slider to +2 and then set the Density down to 50, no matter how long you paint, you will never get more of a change than 1/2 of the +2 (or +1 stop). At first I thought why not just reduce the slider to cap the maximum amount, but then I realized that I can set the sliders at the highest point I need for the image, then prevent overdoing the adjustment by setting the density slider to cap the adjustment in certain areas.

Useful Links: Click link to view in your web browser

- **Local adjustments in Camera Raw; <u>Detailed list of all adjustments & Instructions</u>;**
  https://helpx.adobe.com/creative-suite/using/make-local-adjustments-camera-raw.html

- **Local adjustments Lightroom CC/Lightroom 6; <u>Detailed list of all adjustments & Instructions</u>;**
  https://helpx.adobe.com/lightroom/help/apply-local-adjustments.html

- **Julieanne Kost's Blog**
  http://blogs.adobe.com/jkost/tag/local-adjustments

  - **Selecting a Color from an Image in Lightroom**
    http://blogs.adobe.com/jkost/2015/11/selecting-a-color-from-an-image-in-lightroom.html

  - **Resetting the Local Adjustment tools in Adobe Camera Raw**
    http://blogs.adobe.com/jkost/2015/09/resetting-the-local-adjustment-tools-in-adobe-camera-raw.html

  - **Lightroom CC – Enhancing Isolated Areas of an Image with the Adjustment Brush**
    http://blogs.adobe.com/jkost/2015/06/lightroom-cc-enhancing-isolated-areas-of-an-image-with-the-adjustment-brush.html

  - **Lightroom CC – Using the Radial and Graduated Filters;**
    http://blogs.adobe.com/jkost/2015/06/lightroom-cc-using-the-radial-and-graduated-filters.html

  - **Reposition and Duplicate Local Adjustment Brush Adjustments in Photoshop CC**
    http://blogs.adobe.com/jkost/2014/08/3250-reposition-and-duplicate-local-adjustment-brush-adjustments-in-photoshop-cc.html

- **Make local adjustments in Camera Raw; Detailed list of all adjustments;**
  https://helpx.adobe.com/creative-suite/using/make-local-adjustments-camera-raw.html

- **The Adjustment Brush – The Difference Between Flow and Density**
  http://blogs.adobe.com/jkost/2011/07/the-adjustment-brush-the-difference-between-flow-and-density.html

- **Working with Camera Raw in Adobe Photoshop CS5; Peachpit; Suggested Brush Settings;**
  http://www.peachpit.com/articles/article.aspx?p=1613545&seqNum=13