

GENERATIVE REMOVE

Generative AI

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Generative AI

The New Generative Remove

Generative Remove is a new option in the Remove tool in Lightroom that uses Adobe Firefly generative AI technology to remove large unwanted objects and distractions. Examples include eliminating tourists, trashcans, signs in the background, and more. The Generative Remove feature works on both raw and non-raw photos.

Generative Remove also requires a stable internet connection. The internet speeds may impact the performance.

The tool is still in the local tool options bar at the top of the Basic panel but has now been renamed to **Remove** with a keyboard shortcut of **Q**.

There are still 3 elements in the Mode section. The Clone and Heal options have not been changed but the Remove Tool now has some additional options.

By default Generative AI will be turned off.

You don't have to use Gen AI if you don't want to

Leave both turned off you can remove smaller objects by just selecting them as you could in the past.

Objects are being removed by creating pixels from within the image itself.

This is not going up to cloud so you do not need internet connection.

When should I use Generative Remove vs the existing tools ?

Remove (previously known as Content-Aware Remove): Uses Content-Aware technology and is suitable for removing smaller, whole objects or distractions.

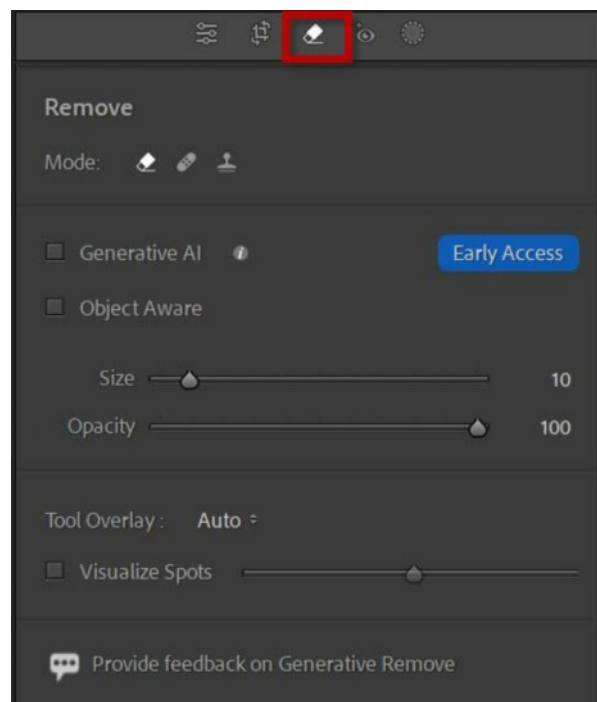
Heal: Sample texture from another part of your image. Suitable for blemishes on the skin, dust spots on the camera sensor or lens, etc.

Clone: Copy + paste from one place to another, can be used to hide or remove objects or for creative use (e.g., copy a bird in the sky from one place to another).

Generative Remove (NEW in May 2024): Good for large objects or distractions and can fill the sample space left by removing unwanted distractions.

So let's look at an example. Here is an image that I would like to clean up by removing distractions.

Let's start with the people on the right hand side.

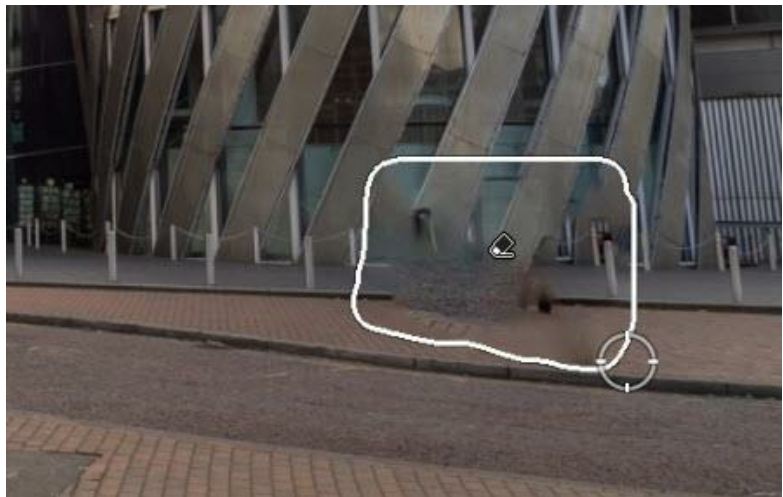


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First lets start with Generative AI and Object Aware deselected. So we are using the tool with content aware getting pixels from the image itself that Photoshop will give a good match. We need to surround the distraction but paint a little bit bigger to give Photoshop some idea of the pixels it needs to fill in with.

Photoshop will give it a good shot but it doesn't really nail it.



Lets now turn on Generative AI. As we have already got a selection in place it will fill it straight away. This does need an internet connection as the edit is passed on to the Adobe servers.

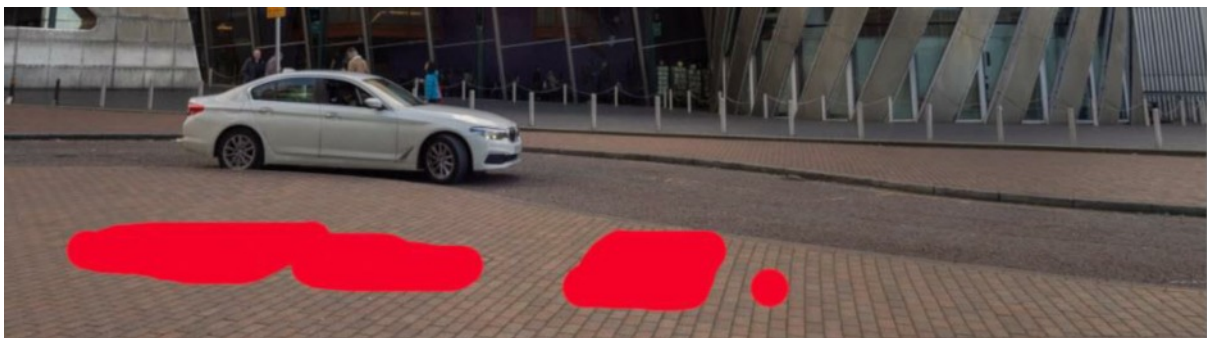
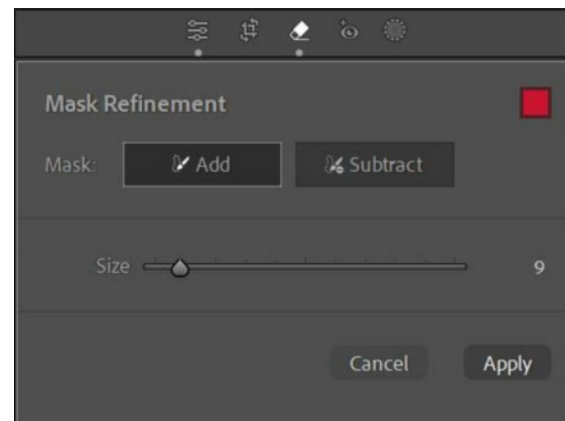
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Wow. That is so much better. The first variation has a couple of posts missing but the second variation fixes it.



What about the unevenness on the brick paved area and the manhole. Lets start to select that. Now you will see the Mask Refinement panel open because this is a new selection and we can Add to or Subtract from the selection.

Lets Add a bit more to the selection then click Apply.



This may take a little longer because it is a larger area



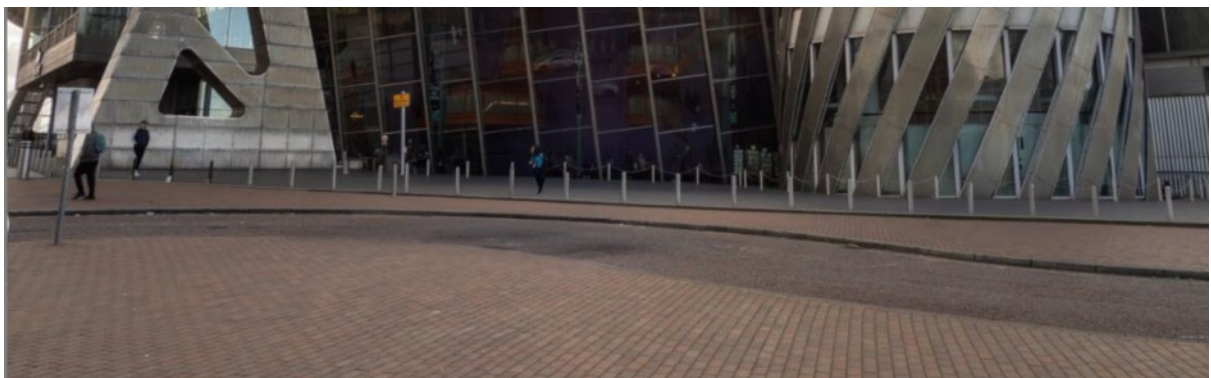
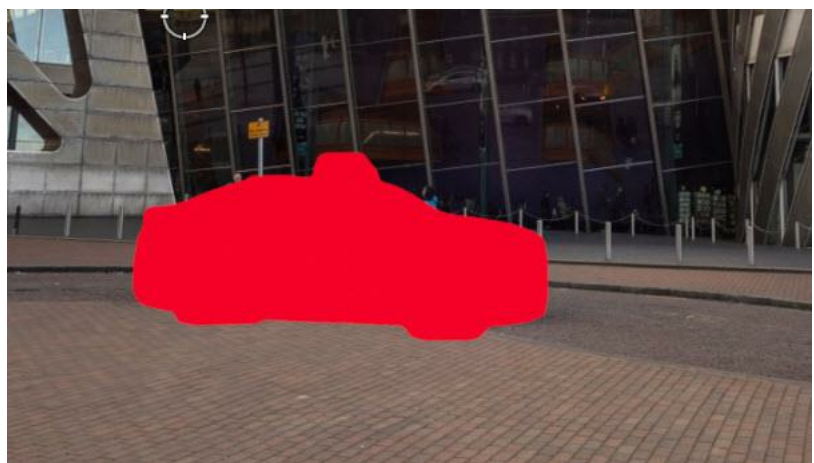
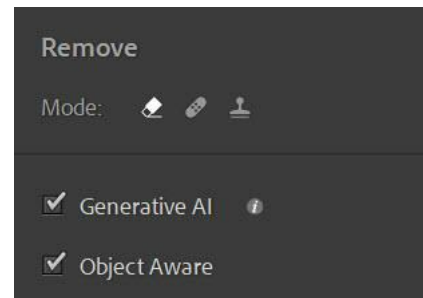
Now that is a lot better.

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Finally what about the car.

Lets activate Object Aware and draw loosly around the car.

When you release the mouse Photoshop will fill in the centre of the selection for you. If there are any parts missed you can use add and subtract then click Apply.



And there it was gone. OK we have a bit of a shadow but it does look like a dirty patch on the road.

So lets get picky, turn off Object Aware and paint over the area click Apply and let Generative AI do its magic.

Here is my cleaned up version of the image done quickly and easily using the new Generative Remove.



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