

RePin

Fix Aspect Ratio / Undistort Media

How to Install

The easiest way to install and license is by using [aescripts + aeplugins manager](#).
To install a trial you can select 'Add Trial' from the 'Account' menu.

To manually install RePin, place the 'RePin.jsxbin' file into the 'ScriptUI Panels' folder in your version of After Effects.

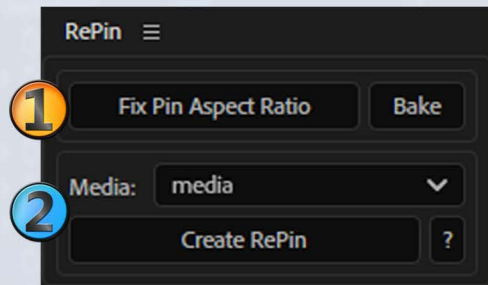
macOS:

Applications/Adobe After Effects/Scripts/ScriptUI Panels

Windows:

Program Files/Adobe/Adobe After Effects/Support Files/Scripts/ScriptUI Panels

How it Works



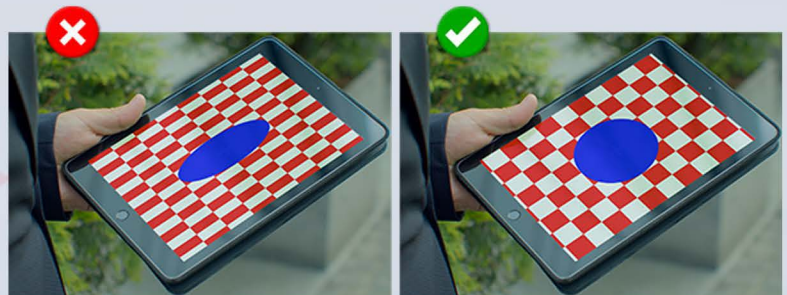
RePin fixes the pin's aspect ratio and undistorts the media into a composition



1

Fix Pin Aspect Ratio

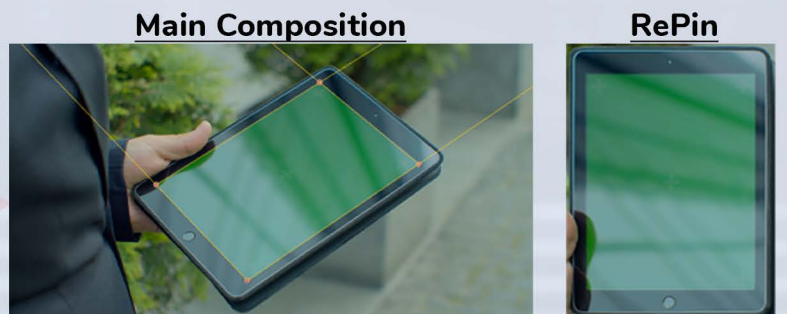
Fix your Pin's aspect ratio using a real-time visual guide that shows when the surface proportions are correct. (Page 2)



2

Create RePin

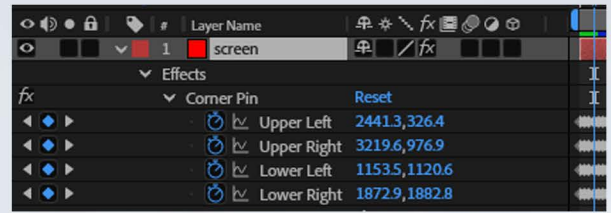
*Create a composition that contains the undistorted Media and **RePin** in the **Main Composition**. (Page 3)*



How to Fix Pin Aspect Ratio

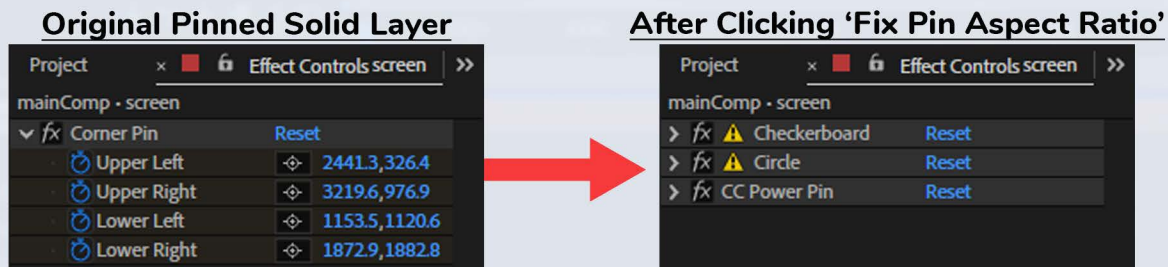
1. Select a pinned Solid Layer

- Selected layer **must** be a **Solid Layer**
- Supports **Corner Pin** and **CC Power Pin**
- Supports both **2D** and **3D** Solid Layers



2. Click Fix Pin Aspect Ratio

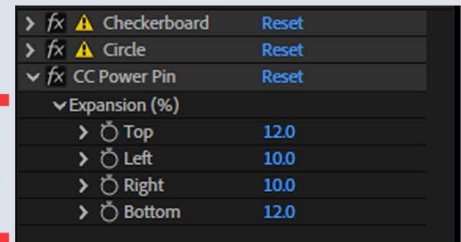
If you're using a Corner Pin effect, it will be converted to **CC Power Pin**. A **Circle** and **Checkerboard** effect will also be temporarily added to your layer to act as a visual guide. All 3 Plugins are native to After Effects.



3. Adjust Expansion (Optional)

CC Power Pin works the same as **Corner Pin** except it offers additional **Expansion** properties. These can be customized before correcting the aspect ratio.

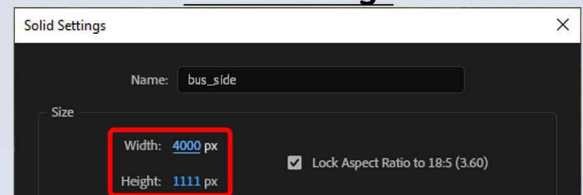
Expansion



4. Correct Aspect Ratio

Adjust the Solid Layer's aspect ratio and size using its **Solid Settings**. The aspect ratio is corrected when the **squares are square** and the **circle is a circle**. Verify the aspect ratio in multiple frames.

Solid Settings



Original Footage



Aspect Ratio Not Corrected



Aspect Ratio Corrected



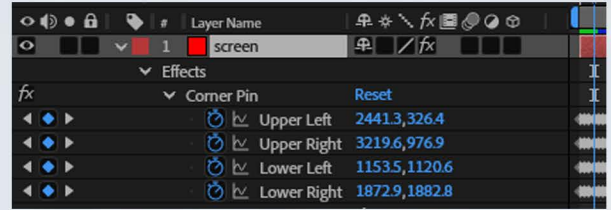
5. Click Bake (Optional)

Baking will remove the Visual Guide effects and bake the CC Power Pin keyframes.

How to Create a RePin

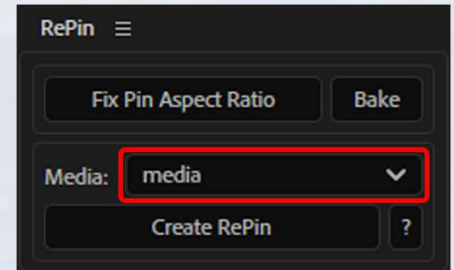
1. Select a Solid Layer

- Selected layer **must** be a **Solid Layer**
- Pin effect is optional (uses layer bounds)
- Supports **Corner Pin** and **CC Power Pin**
- Supports both **2D** and **3D** Solid Layers



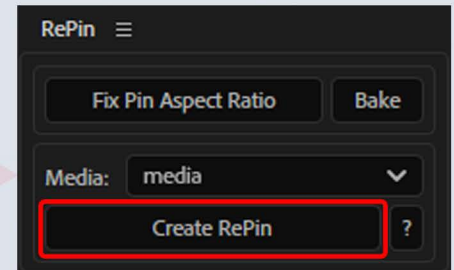
2. Select Tracked Media

The **Media** dropdown menu lists the media contained in the same composition as the selected Solid Layer. The media **must** be the same resolution as the composition.



3. Click Create RePin

Click **Create RePin** to create a new composition that contains the undistorted **Media** at the resolution of the **Solid Layer**.



The new composition is automatically Repinned in **Main Composition**. Any edits made in the **RePin Composition** are pinned back in the Main Composition.

Main Composition



RePin Composition



Workflow Tips

- **Share projects** at any stage. RePin is not required on receiving systems
- Unstretching the media at exaggerated perspectives can result in a slight blur on the unstretched media. Use the **Sharpen** effect to restore sharpness and use RePins as **mattes** in the Main Composition whenever possible.
- Use the same Solid Layer dimensions on **multiple shots** of the same screen. This allows you to copy/paste elements from one RePin to another. Enter the exact Aspect Ratio if the device model is known
- Expressions are **not** linked across compositions, layers, or effects. You can freely precompose and move elements without breaking relationships.