

How to Edit GSAP Animations – GLOBAL (Site-Wide) Only

This guide applies to the GLOBAL GSAP scripts placed in Webflow Project Settings → Custom Code (typically in the site-wide Head/Footer). These scripts can affect multiple pages across the template.

Section 1: Element Map

- **[words-slide-up][text-split]** – Splits text into words and animates each word up into place (ScrollTrigger or page-load).
- **[page-load]** – Runs the element's animation on page load (with optional extra delay using page-load-delay).
- **[page-load-delay]** – Optional attribute to override the default extra delay for page-load animations.
- **[fade-up]** – Fades and moves elements upward into view (ScrollTrigger or page-load).
- **[scale-up]** – Fades and scales elements up into view (ScrollTrigger or page-load).
- **[slide-up]** – Slides elements from below into place and fades them in (ScrollTrigger).
- **[slide-up-fast]** – Faster version of slide-up with shorter duration defaults.
- **[scale-bounce]** – Bouncy scale-in effect with a stronger back-ease.
- **[blur-in]** – Fades in while removing blur, then clears filter styles after completion.
- **child-selector** – Optional attribute for defining which children should stagger (instead of default .stag/[stag]/.child).
- **[stagger]** – If present, the script targets direct children (:scope > *) to stagger them.
- **.stag, [stag], .child** – Default child targets for staggered animations when present.
- **.main-button-animation** – Button wrapper that triggers the global GSAP hover animation.
- **.circle-container._01** – Left/front circle inside the button (shrinks away on hover).
- **.angled-arrow._01** – Arrow inside the left/front circle (shrinks away after the circle).
- **.button-main-holder** – Main button body that shifts left and rotates slightly on hover.
- **.circle-container._02** – Right circle that scales in and slides right on hover.
- **.angled-arrow._02** – Arrow inside the right circle that scales in after the circle.

Section 2: Customizing Key Variables

These are the safest values to change without breaking the template logic:

- **Page-load extra delay** – Change PAGE_LOAD_EXTRA_DELAY (default 0.06) to adjust the global delay added to elements with [page-load].
- **Per-element page-load override** – Set page-load-delay='0.12' (or any number) on a specific element to override the global extra delay.
- **ScrollTrigger start position** – Use a start='top 80%' attribute (or similar) on elements to change when scroll animations fire.
- **Fade distance** – Use distance='30' (or change the default in code) to control how far fade-up elements travel.

- **Slide-up distance** – Use `from-y='600'` (or another value) to change how far slide-up elements enter from.
- **Scale-up starting size** – Use `from-scale='0.6'` to change the starting scale for scale-up animations.
- **Blur amount** – Use `blur='20'` to increase or reduce the blur-in effect.
- **Duration / Delay / Ease** – Use `duration='0.6'`, `delay='0.1'`, and `ease='power2.out'` attributes to control timing and feel.
- **Stagger spacing** – Use `stagger='0.08'` (or `word-stagger` for text) to adjust spacing between children/words.
- **Button hover spacing** – Edit `holderDistance ('1.6rem')` and `circleTwoDistance ('2rem')` to adjust how far pieces move on hover.
- **Button hover timing** – Edit durations inside the button hover timeline (0.2, 0.25, 0.45, etc.) to change animation speed.
- **Button hover feel** – Edit eases like `back.in(2)` / `back.out(2)` to make the hover snappier or softer.

Section 3: Removing GSAP Animations

Because these scripts are GLOBAL, removing them may affect multiple pages.

Safe removal options:

- 1) Remove only the button hover animation: delete/comment out the entire `initGsapButtonHover()` `<script>` block.
- 2) Remove only scroll/page reveal animations: delete/comment out the MASTER GSAP ANIMATION CONTROLLER block.
- 3) Remove everything: remove both `<script>` blocks.

Important: If you remove the master controller, any elements that rely on attributes like `[fade-up]` or `[page-load]` will appear without animation. If you remove the button script, buttons will still work, but without hover motion.

Section 4: Script-by-Script Breakdown

Script 1: Master GSAP Animation Controller (Scroll + Page Load + SplitText)

What it does:

- Boots safely even if the script loads late, and waits up to 6 seconds for GSAP.
- Registers `ScrollTrigger` and `SplitText` when available.
- Runs three animation systems:
 - A) Words Slide Up: `[words-slide-up][text-split]`
 - B) Basic Block Animations: `[fade-up]`, `[scale-up]`, `[slide-up]`, `[slide-up-fast]`, `[scale-bounce]`, `[blur-in]`
 - C) Auto-refresh watchers to keep `ScrollTrigger` accurate after layout shifts.
- Supports page-load animations using the `[page-load]` attribute + an optional extra delay.
- Refreshes `ScrollTrigger` after fonts load and the window fully loads for stable

measurements.

- Supports back/forward cache restores (pageshow persisted).

How to customize:

- Add attributes to elements in Webflow (recommended for Marketplace buyers):
 - duration, delay, ease
 - start (ScrollTrigger start)
 - distance, from-y, from-scale, blur
 - stagger / word-stagger
 - page-load-delay
- If you want a site-wide change, adjust defaults in code (e.g., PAGE_LOAD_EXTRA_DELAY, defaultStart values).

How to remove:

- Remove/comment the entire master controller <script>.
- If you remove it, remove the related attributes from elements (or leave them—elements will simply not animate).

Script 2: Global Button Hover Animation (.main-button-animation)

What it does:

- Targets all .main-button-animation buttons.
- Sets initial scales/positions for circles, arrows, and the main holder.
- On hover: front circle shrinks away, button body shifts/rotates, right circle + arrow appear.
- On mouse leave: the timeline reverses back to the original state.

How to customize:

- Spacing: edit holderDistance and circleTwoDistance.
- Timing: edit durations in the timeline.
- Feel: edit easing values (back.in / back.out).
- Rotation personality: edit rotation: -4 on the buttonMainHolder animation.

How to remove:

- Remove/comment the entire initGsapButtonHover() <script> block.
- Buttons will still function normally, but without the hover animation.

Tip: After editing global scripts, publish and test multiple pages (Homepage, About, Product/Collection) to confirm animations still trigger at the correct times.