

Exclusions + Claims

THIS LIMITED WARRANTY DOES NOT COVER PROBLEMS RESULTING FROM:

- Conditions, malfunctions, or damage not caused by defects in materials or workmanship.
- Improper installation, misuse, abuse, neglect, modification, or unauthorized alterations.
- Use outside intended purpose or failure to follow safety instructions.
- Breakage resulting from product strength, endurance, load, or resilience testing.
- Minor cosmetic defects that do not affect functionality.
- Exceeding published product limits; normal wear and tear.

TO OBTAIN WARRANTY SERVICE

Contact ResilientZ at resilientz.ca/pages/contact. Provide a description of the issue, proof of purchase, and clear, well-lit photographs showing the product and claimed defect. Inadequate documentation may delay or prevent processing of the claim.

ONLINE TERMS + POLICIES

Current Terms of Service: resilientz.ca/policies/terms-of-service
Online terms and applicable store policies may be updated from time to time. Keep this manual for product-specific installation, use, safety and warranty guidance.

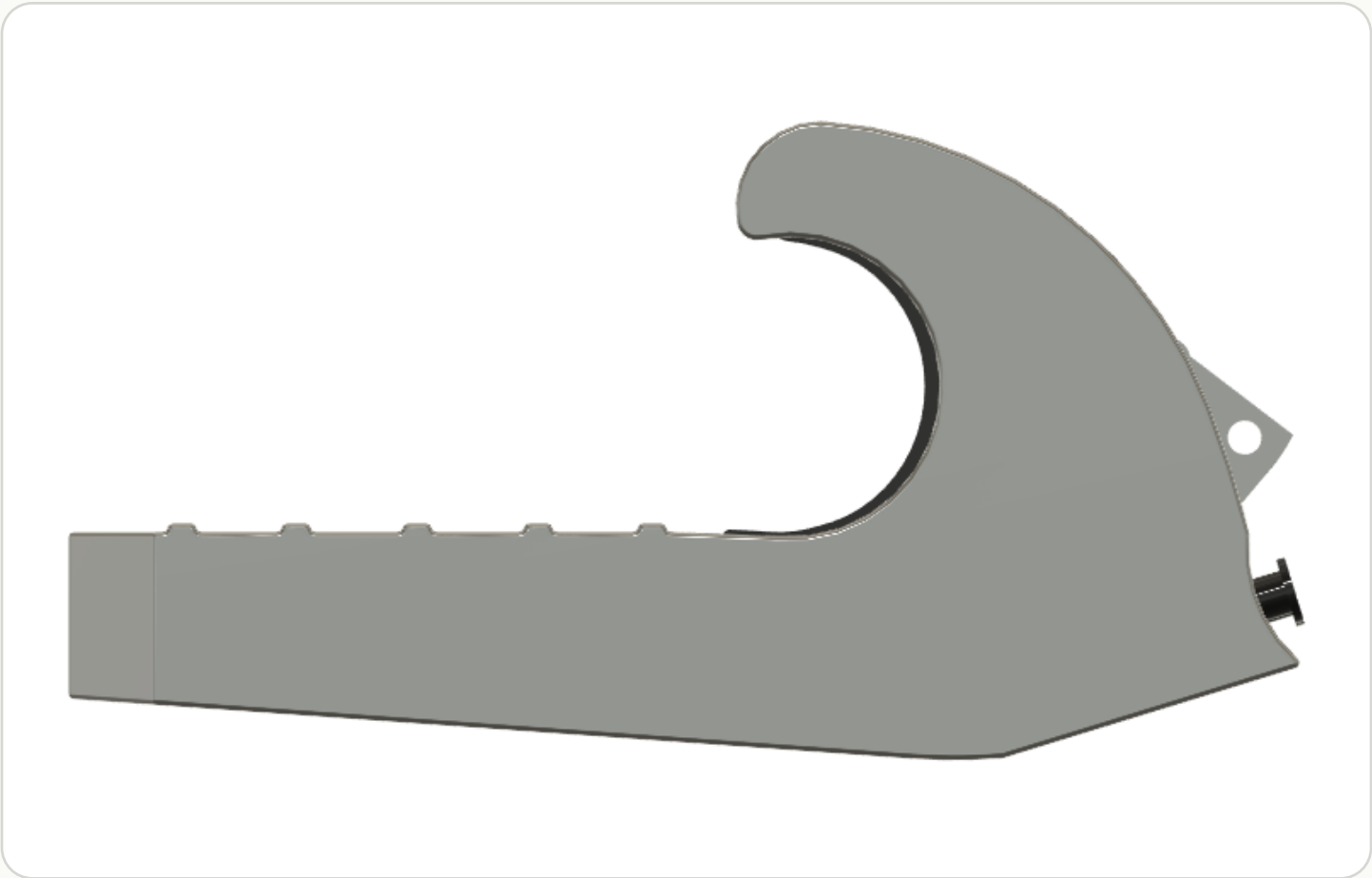
Protected by U.S. Patent 12,623,605. Additional patent rights may apply or be pending.

ResilientZ



TOYOTA REMOVABLE SIDE STEP

INSTALLATION & USER GUIDE



For supported Toyota OEM rail applications

Read all installation and safety instructions before use.

DRAFT v2.3 | September 2026

Important Safety Warnings

235 LB MAXIMUM USER WEIGHT

Maximum published user weight is **235 lb (106 kg) per step**. Do not jump, bounce, stomp, test-break, or apply shock loads to the step.

MAINTAIN THREE POINTS OF CONTACT

Keep two hands and one foot, or two feet and one hand, in contact with the vehicle while entering or exiting whenever practical.

Before every use: confirm the step is fully seated on both rails, the retention button is fully engaged, and no component is cracked, loose, damaged, or excessively worn.

Use only on a supported Toyota vehicle and rail configuration. Rail dimensions can vary slightly from vehicle to vehicle, which is why the step includes an adjustable fitment system.

Do not use the step as: a jacking point, recovery point, tie-down point, impact slider, tow point, stand, or platform for stunts.

Dirt, ice, mud, sand, road salt and wear can affect fit and grip. Clean and inspect the attachment areas as required.

Warranty Coverage

This limited warranty applies to physical goods purchased directly from ResilientZ.

WHAT DOES THIS LIMITED WARRANTY COVER?

Defects in materials or workmanship under normal use during the warranty period.

WHAT WILL ResilientZ DO?

At our sole discretion, ResilientZ will repair, replace, or refund the product if a defect in materials or workmanship is verified.

HOW LONG DOES COVERAGE LAST?

The warranty period for physical goods purchased from ResilientZ is **90 days from the date of purchase**. A replacement product or repaired component is covered for the remainder of the original warranty period or 90 days from replacement or repair, whichever is longer.

SAFETY LIMIT

Maximum published user weight: **235 lb (106 kg) per step**. Maintain three points of contact with the vehicle while using the product. Warranty coverage does not expand the product's intended use.

This warranty is non-transferable except where applicable law requires otherwise.

Removal + Reinstallation

Removal is the installation sequence in reverse. Work on level ground and support the step with your hand while releasing it.

- 1

REMOVE SECURITY BOLT

If an M6 security bolt is installed, remove it before releasing the step.
- 2

PRESS THE CLIP BUTTON IN

Reach behind the step and press the retention button inward, compressing it into the step-body housing.
- 3

HOLD BUTTON + ROTATE AWAY

Keep the button depressed while rotating the step away from the rear rail, reversing the installation motion.
- 4

UNHOOK THE FIRST RAIL

Once clear of the rear rail, lower and unhook the step from the first rail.



TO REINSTALL

Hook onto the first rail, rotate the step back toward the rear rail until the button snaps up and locks, then complete the final installation check.

What's Included - Per Step

Your step has been configured according to the vehicle fitment you selected at purchase. The additional components are included so you can fine-tune the fit if your vehicle's rail dimensions vary slightly.

TACOMA COLLARS



2x Tacoma fitment

TUNDRA COLLARS



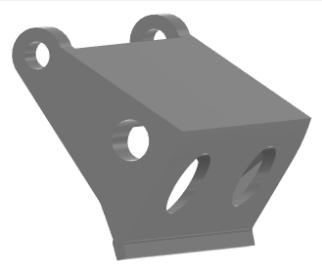
2x thicker Tundra fitment

SPRING



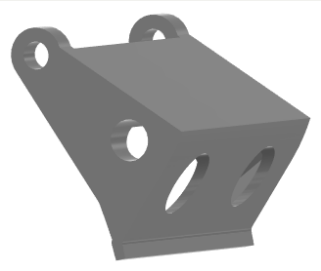
1x pre-installed

SHORT RETENTION CLIP



1x Trailhunter

LONG RETENTION CLIP



1x Tundra

RUBBER BUMPERS



2x pre-installed

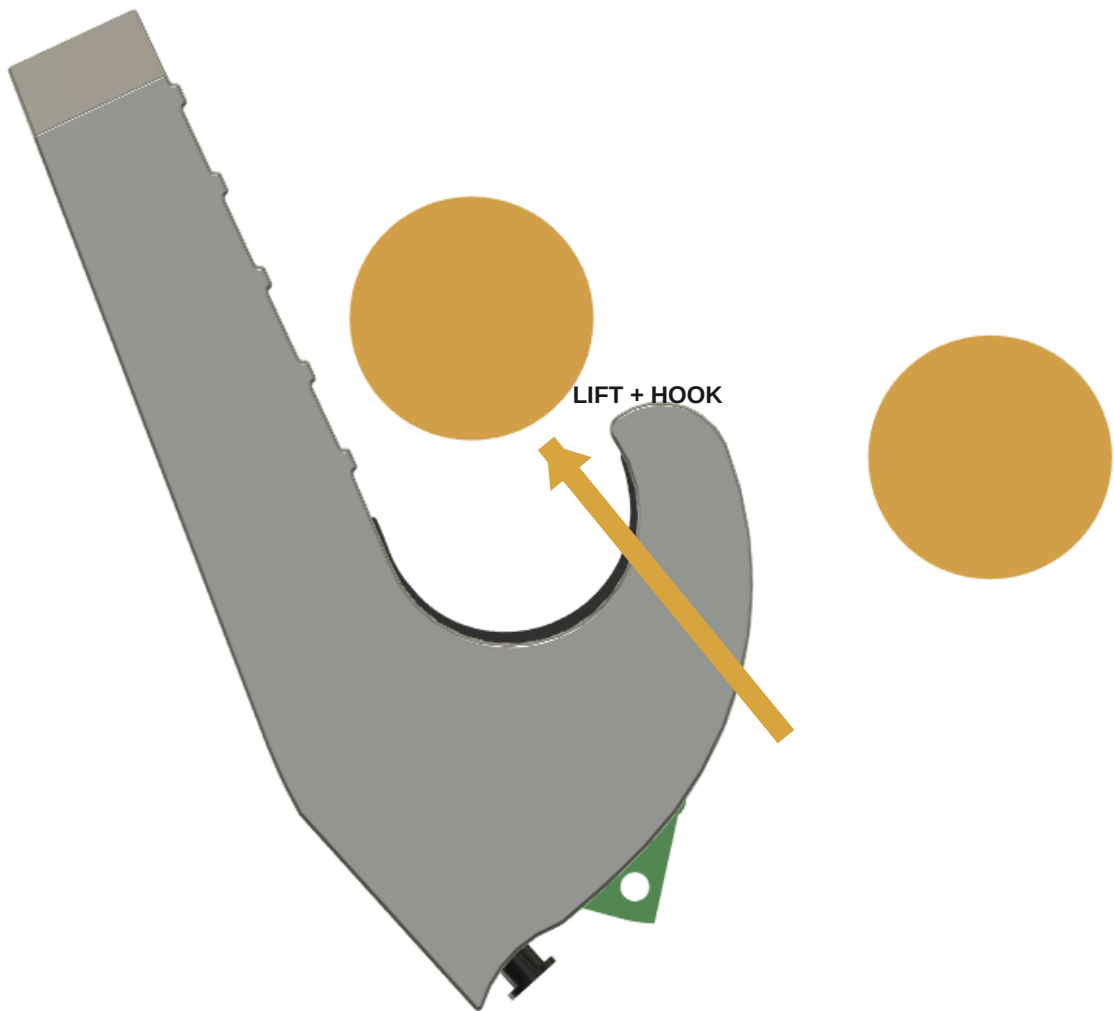
ADJUSTABLE FITMENT SYSTEM

The **collars are the primary fit adjustment**. If fine-tuning is needed, try the alternate collar size first. The rubber bumpers and alternate retention clip provide additional adjustment range so the installed step feels **snug**.

Both retention clips include the security hole used for an optional M6 anti-theft bolt.

1. Hook Onto the First Rail

Hold the step below the rails in the pre-installation orientation shown. Align the open hook directly with the **first rail**.



STEP 1

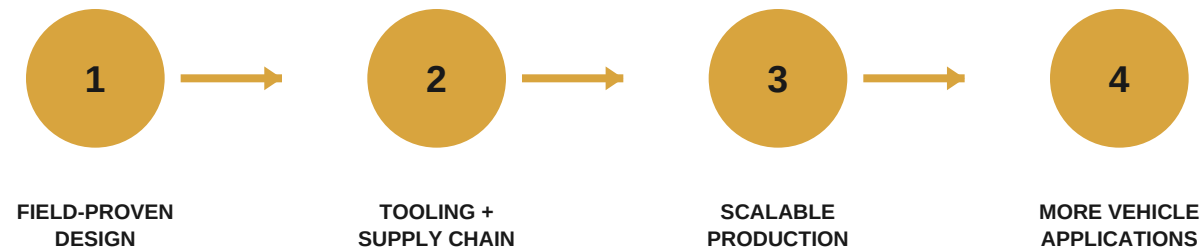
Lift the step upward and slightly to the left - approximately **30-45 degrees counter-clockwise** - until the main hook captures the first rail. Keep the step angled for the next step.

Built to Scale

ResilientZ began with small-batch additive manufacturing because it allows rapid development, real-world testing and support for specialized vehicle applications.

THE NEXT STAGE

The long-term objective is to transition proven products into scalable manufacturing while preserving the features that made the original system useful: fast installation, removable fitment, replaceable components and vehicle-specific geometry.



Scaling is intended to increase availability, improve consistency, support larger commercial orders and make it practical to bring the system to more Toyota and other off-road platforms.

YOUR PURCHASE HELPS VALIDATE THE PRODUCT

Every installation, fitment report, review, photo package and dealer inquiry contributes useful evidence for the next manufacturing stage.

Dealer + Retailer Outreach

ResilientZ is developing relationships with Toyota, off-road, overland and accessory specialists that want a differentiated removable side-step product.

DISPLAY + DEMO

Show customers the product in person and demonstrate rapid installation/removal.

RETAIL SALES

Stock or order supported Toyota fitments for local customers.

INSTALLATION SUPPORT

Help customers identify the correct rail and fitment configuration.

PRODUCT FEEDBACK

Provide field feedback that helps prioritize future vehicle applications and manufacturing improvements.

INTERESTED IN CARRYING ResilientZ?

Contact store@resilientz.ca with your business name, location, customer market and Toyota platforms of interest. Dealer, retail, distribution and display-sample discussions are welcome.

Dealer inquiries
resilientz.ca/pages/dealer-inquiries



2. Rotate Onto the Rear Rail

With the first rail captured inside the main hook, use that rail as the pivot point and rotate the step toward the rear rail.



ROTATE ANTI-CLOCKWISE TOWARD REAR RAIL

STEP DOWN UNTIL IT CLICKS

Rotate the step as far into position as you can, then hold the vehicle for stability and **step down onto the tread using your body weight**. The rubber bumpers are designed to compress under load. Continue controlled downward pressure until the retention button snaps up.

When properly adjusted, the installed step should feel snug. Do not jump or stomp. If the button will not engage under controlled body weight, use the fitment-tuning procedure on page 6 instead of forcing it.

Tune the Fit

Your step arrives configured for the vehicle fitment selected at purchase. If adjustment is needed, make one change at a time and retest.

- 1

START WITH THE COLLARS

Collars are the primary adjustment. If the step is too snug, too loose, or will not engage, try the other collar size first.
- 2

TRY THE BUMPERS INSTALLED OR REMOVED

Before trimming anything or changing the clip, test the fit with the rubber bumpers installed, then removed if needed. Use whichever condition gives the better snug fit.
- 3

TRIM THE BUMPERS IF NEEDED

If the bumpers improve the fit but prevent the button from engaging, trim them gradually and retest after each small adjustment. Remove only as much material as needed.
- 4

SWAP THE RETENTION CLIP LAST

If the collars and bumper adjustment do not provide the desired fit, try the alternate retention clip and repeat the fit check.

THE GOAL

A correctly adjusted step should sit **snugly** on the rails, the retention button should engage, and the step should not have noticeable free play. The collars will solve most fitment differences; the bumpers and alternate clip are there for fine adjustment.

If you cannot achieve a snug, properly engaged fit after trying the supplied adjustment options, do not use the step until the fitment is resolved.

Photos + Video Rebate

Useful real-world media helps ResilientZ show customers exactly how the product fits and works on different vehicles.

5%

PHOTO PACKAGE

Submit 12 original, high-quality images showing useful variety: installed product, fitment details, vehicle context and real-world use.

10%

PHOTO + VIDEO PACKAGE

Submit the 12-image package plus an installation video and a clear drive-by / product-demo video.

Media must be original and usable for commercial purposes. Acceptance requirements, submission method, deadlines and media-use terms apply. Rebate percentage refers to the eligible product purchase price unless otherwise stated in the applicable offer.

SAFETY FIRST

Do not perform unsafe driving, stunts, climbing, jumping or other hazardous actions for photos or video. A stationary or low-speed lawful drive-by is sufficient.

Collaborator inquiries
resilientz.ca/pages/collaborate



Tell Us What You Think

Your feedback helps refine fitment, instructions, packaging and future product development.

LEAVE AN HONEST REVIEW

Tell other owners what worked well, what could be improved, and how the product performs in real use. Positive feedback is appreciated, but we want your genuine experience.

Reviews are separate from the media-rebate program. A review is not required to earn a media rebate and the rebate is not payment for praise or a particular rating.



resilientz.ca

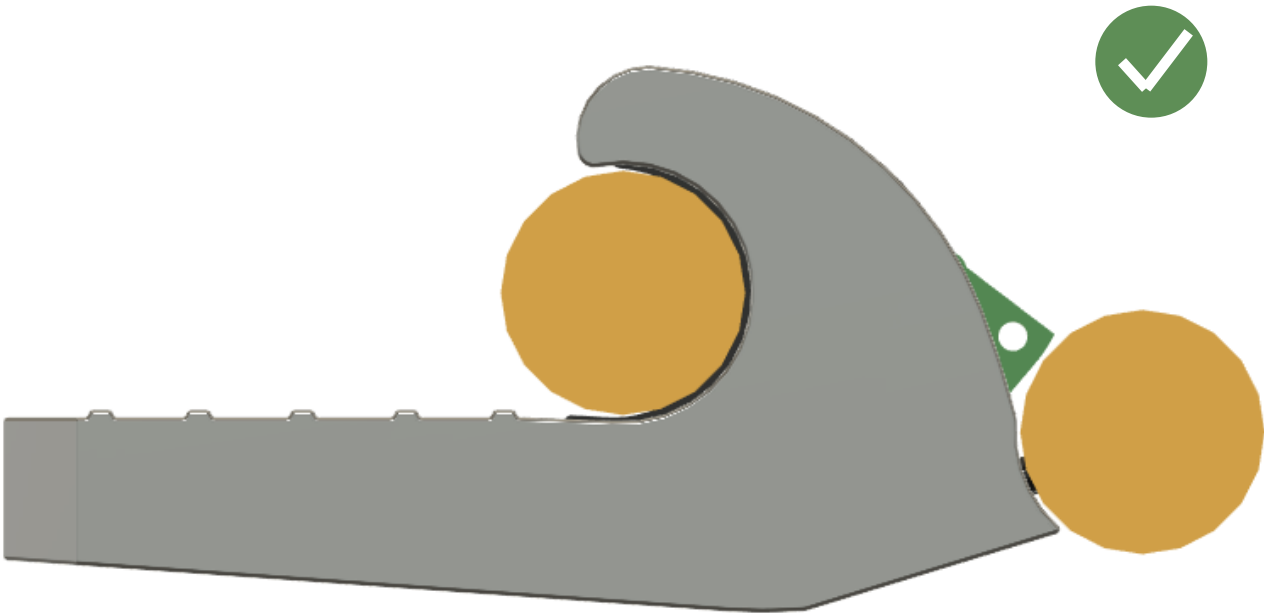
Scan for customer reviews.

NEED HELP INSTEAD?

If something is wrong with fitment, hardware or installation, contact ResilientZ so we can help diagnose the issue.
Support: resilientz.ca/pages/contact

3. Confirm Fully Seated

After the step snaps into place, it should finish in the horizontal position shown below.



FULLY SEATED

Confirm the first rail remains fully captured in the main hook, the rear rail is fully seated in the rear aperture, and the retention button has snapped up into position.

The finished step should feel snug, with no noticeable free play.

Final Installation Check

1

FIRST RAIL

Main hook fully captures the first rail.

2

REAR RAIL

Rear aperture is fully seated around the second/rear rail.

3

BUTTON

Retention button has snapped up and is fully engaged.

4

FIT

Step feels snug on the rails, with no noticeable free play or rocking.

5

SECURITY

If desired, install an M6 bolt through the clip security hole as a theft-deterrent measure.

M6 SECURITY BOLT

The security hole is an additional theft-deterrent feature. If a bolt is installed, remove it before attempting to remove the step.

Quick FAQ

The step will not snap into place.

Line it up and rotate it as far onto the rear rail as you can, then step down on the tread with your body weight. If the button still will not engage, try the alternate collar size first. Next, test with the rubber bumpers installed and removed. If the bumpers help but are slightly too thick, trim them gradually and retest. Swap to the alternate retention clip only after those adjustments.

The step feels loose or wiggles.

Re-tune the fit so the installed step feels snug. Start with the collar selection. Then use the rubber bumpers to take up remaining free play; they can be removed or trimmed as needed before changing the retention clip.

Why are there several fitment components?

Your step was configured for the vehicle fitment selected at purchase, but Toyota rail dimensions can vary slightly between vehicles. The collars provide the primary adjustment, while the bumpers and alternate clip provide additional fine adjustment.

Can I leave the steps installed?

Yes, when properly installed and inspected. Periodically clean the attachment areas and check the fit, button and components for wear or damage.

Can I add a security bolt?

Yes. The retention clip includes a security hole intended for an M6 bolt as an optional theft deterrent.

Installation FAQ
resilientz.ca/pages/faq

