

- The percent of elongation. Most bands reach peak performance at around 500% elongation. If you have a thirty inch draw length and your active band length is 6 inches, you have reached 500% elongation. At this point, you are achieving good performance coupled with moderate band life. One could shorten the active band length in this example by one inch, would push the bands to 600% elongation. The result would be more speed but at the expense of shortened band life. Going past 600% elongation does little to incrementally increase speed and drastically reduces band life.
- As one begins to experiment with other elastics, the active band length can be a good benchmark for assessing the performance of various elastics. As an example, a person may enjoy a given taper in .030" latex at a given active band length. If they were to use the same taper dimensions with a thicker or thinner material, using the same active band length helps one to assess the performance characteristics/differences in a more meaningful way.

What is hand slap or band slap and how can I prevent it?

Band slap, or hand slap is the result of shooting ammo that is too light for a given set of bands. If the bands cannot deliver their full load of energy into the projectile, then there will remain unused energy that must go somewhere. When the projectile is released, the bands continue to travel forward. If the projectile cannot absorb all the energy of the bands, they recoil into the back of the slingshot- subsequently where the hand is. If you are getting bandslap, you are either shooting too heavy of bands for the given ammo or your ammo is too light for the given bands. <https://youtu.be/kS-4jX7heBo>

How do I 'aim' the slingshot?

Many shooters simply line up the edge of the band with the target, sighting along the bands length much like a gun barrel. This will get your windage very close with only elevation adjustments needing to be made. Others simply watch the shot and correct for the next, 'intuitively' aiming without using specific, conscious aiming points.

Where can I get replacement parts?

A full line of replacement and upgrade products are available at simple-shot.com.

Where can I get a replacement owners manual

You can request a new Owners Manual by contacting us at [simple-shot.com](mailto:atsimple-shot.com)/ contact or by writing us at SimpleShot, Inc. 1465 Sand Hill Rd., Suite 1014 Candler, NC 28715



[YOUTUBE.COM/EVERYTHINGSLINGSHOTS](https://www.youtube.com/EVERYTHINGSLINGSHOTS)

SLINGSHOTS ARE DANGEROUS WEAPONS.

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL THOROUGHLY AND CAREFULLY BEFORE USING.

THIS OWNER'S MANUAL SHOULD ALWAYS ACCOMPANY THIS SLINGSHOT AND BE TRANSFERRED WITH IT UPON CHANGE OF OWNERSHIP, OR WHEN THE SLINGSHOT IS LOANED OR PRESENTED TO ANOTHER PERSON



SLINGSHOT SAFETY-YOUR RESPONSIBILITY

SAFETY MUST BE THE FIRST AND CONSTANT CONSIDERATION OF EVERY PERSON WHO HANDLES SLINGSHOTS OR CATAPULTS.

This Owner's Manual is designed to assist you in learning how to use and care for your slingshot properly. Please contact us if you have any questions. Only after you are certain you fully understand the manual and can properly carry out the instructions should you practice loading, firing, or otherwise handling ammunition.

If you have any doubts about your ability to handle or use a particular type of slingshot safely, you should seek supervised instruction. If you are unable to locate supervised instruction you may write to: SimpleShot, Inc. 1465 Sand Hill Rd., Suite 1014, Candler, NC 28715 and they can help you.

The person possessing a slingshot has a full-time job. You cannot guess; you cannot forget. You must know how to use your slingshot safely!

DO NOT USE ANY SLINGSHOT OR AMMO WITHOUT FIRST HAVING A COMPLETE UNDERSTANDING OF ITS PARTICULAR CHARACTERISTICS AND SAFE USE.

- ⚠ Slingshots can cause severe personal injury or death.
- ⚠ Treat each slingshot as though it is a loaded firearm.
- ⚠ ALWAYS WEAR EYE PROTECTION when you shoot or handle slingshots. Eyewear should be compliant to the ANSI/ISEA Z87.1-2010 standard. Even if you are wearing correctional glasses already, it is necessary to wear such glasses in addition, as correctional glasses do not protect your eyes against a snapping band or other potential hazards.

- ⚠ While slingshots can be used recreationally, they are NOT toys. Those under the age of 18 should not use slingshots.
- ⚠ IT IS IRRESPONSIBLE AND UNWISE TO STORE OR LEAVE A SLINGSHOT THAT CAN BE DISCHARGED IN A MANNER THAT A REASONABLE PERSON SHOULD KNOW IS ACCESSIBLE TO A MINOR.
- ⚠ Do NOT consume alcoholic beverages before or during shooting.
- ⚠ KNOW your target and what's behind it; do not shoot at anything you don't intend to destroy.
- ⚠ Make sure you have an adequate backstop for your target.
- ⚠ Inspect the rubber band assemblies, slingshot frame, AND attachment points before each shot for any signs of wear, breakage or cracks. DO NOT SHOOT IF BANDS, POUCH OR FRAME IS WORN OR DAMAGED IN ANY WAY. This includes nicks or small tears in the bands, damage to tubes, damage to pouch or frame!
- ⚠ Replace damaged or worn bands immediately and retire a damaged frame. Do not attempt to repair.
- ⚠ Do not shoot at hard surfaces or at the surface of water. Slingshot ammo may bounce off or ricochet and hit someone or something you did not intend to hit causing injury or death.
- ⚠ DO NOT USE STONES OR ROCKS AS PROJECTILES- this can cause harm to the user, bystanders, your slingshot and bands.
- ⚠ Bands contain LATEX.
- ⚠ Always store bands in a cool, dark place when not in use. Do not expose bands to high temperatures (like your car on a summer day!)
- ⚠ The bands are made from natural latex and WILL go bad at some point, whether you use them or not. Therefore they are excluded from any kind of warranty.

LIABILITY DISCLAIMER

Upon purchase and/or use, you (the user) agree to hold harmless SimpleShot, Inc. and its owners, heirs, employees, or assigns of any and all product liability. You agree that the abovementioned will not be held responsible or liable for any consequential, direct or indirect or special loss, injury, or accidents caused by the slingshots, bands, ammo or any other items that we produce, promote, and/or sell. In all cases, the user assumes full responsibility and all risk associated with the use of our products. It is your (the user's) responsibility to check with local laws in order to be compliant regarding slingshots and any other products that we produce, promote, and/or sell. Our products are not to be purchased or used by anyone under 18 years of age.

If you have any further questions regarding safe use or slingshot related inquiries, please contact us using info@simple-shot.com

FAQs

I have hit my fork. What now?

That is NOT good. This situation is much like hitting the curb with your car. Maybe nothing has happened; maybe your frame is damaged. You MUST inspect the slingshot very carefully before you go on using it. NEVER ignore the fork hit and keep shooting. If the slingshot is ALMOST broken, it may snap and hit you in the face. The results may be fatal and will generally ruin your day.

<https://youtu.be/-JZ3SdZnn9l>

What kind of ammo I should use?

Dense balls are best. Any object that is roughly spherical such as marbles, ball bearings, or lead round balls. It should shoot fast and straight.

DO NOT SHOOT STONES.

Can I hunt with my slingshot?

Yes, a slingshot is a capable hunting tool when using proper bands and ammo combined with the shooter's skill. However, not all states or provinces recognize the slingshot as a legal method of take, so be sure to check with your local Fish and Game department for details regarding the use of slingshots for hunting. <https://youtu.be/YS4aX3LcWUc>

What safety equipment do I need?

Polycarbonate glasses at a bare minimum and a healthy dose of common sense – treat it like a loaded gun at all times! Know what is behind your target and don't shoot at anything you don't intend to destroy.

Is there any maintenance needed for slingshots?

- Follow the manufacturer's instructions.
- Inspect the frame, bands, ties and pouch frequently.
- Keep the bands dry and away from oils and store them out of sunlight and away from electronics.
- Don't let the frame become damaged, especially the fork and tips. If it's wood, avoid extremes of moisture and dryness.
- If the pouch or bands show signs of wear or weakness, replace them immediately

How can I make my slingshot more powerful or shoot faster?

Velocity and power are a function of the bands and their ability to quickly retract. You may shorten the factory bands to generate more velocity and power, but pay attention to your 'active band length'.

What is "active band length" and why is this important?

Active band length is the amount of band located between the attachment on the forks and the attachment on the pouch. This length helps one to determine several things: