



THUNDER TRAMPOLINE ASSEMBLY MANUAL





VULY™

VULY *Thunder*

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MAINTENANCE | CARE INSTRUCTIONS

Improper use or lack of care can lead to early deterioration of your trampoline. Please follow all of the points below to ensure your trampoline lasts as long as possible.

WEATHER CARE

When your trampoline is not going to be used for a long period of time, it is best to disassemble and store it out of the weather.



Clean fallen debris off the trampoline after rain and wipe off the water. Water left on the trampoline for extended periods of time may accelerate corrosion of steel components and weaken the performance of textiles.



Disconnect the safety net from the net poles and cover the net and mat with a storm cover to protect it from flying debris. Never position your trampoline under electricity cables. An anchor kit is recommended to secure the trampoline to the ground.



It is recommended to disassemble the trampoline.



Keep your trampoline in a location that has the most shade cover during the peak of daylight each day. Minimise UV damage by covering the trampoline when it is not in use.

STORAGE

Pack your trampoline in its original packaging in an environment free from humidity.

MOVING THE TRAMPOLINE

- VULY recommends a minimum of eight adults to move the trampoline to ensure the lift is within heavy lifting regulations.
- Dragging or not sufficiently lifting may cause bending or warping of the joiners and frame tubes.
- Do not tilt up the trampoline to rest on its side or the frame may bend under its own weight.
- The trampoline should be disassembled and put back into the original packaging to be moved long distances.

MATERIAL LIFESPAN WARNINGS

Metal Rust and Corrosion

- Rusting will accelerate in areas that water is difficult to escape from.
- Hollow section steel can appear in good condition on the outside while hiding rusted areas on the inside. All frame tubes and poles should be inspected on the inside every six months and have any water removed from the inside surfaces.
- Weld lines are particularly prone to rusting. Welds are used on the leafsprings and the joiners.
- Areas where different metal components are joined together are particularly prone to rusting. All tube and pole connection areas, where the leafsprings insert into the frame, where the leafsprings contact the upper frame, and the tubes used inside the joiners are particularly prone to rusting.
- General purpose grease used on connection areas will improve the anti-corrosive performance of the steel.
- Excessively cleaning the steel components may reduce the effectiveness of the rust protection coatings.

Textile Deterioration

- Ensure you clean your trampoline only with a soft sponge to avoid premature wear on the mat.
- Do not use powerful soaps or detergents, as these can lead to damage of the textiles
- Rainwater, if not wiped dry, may result in spots forming from residue left from the water as it dries.
- Any water applied to clean the textiles must be wiped dry with a clean cloth or chamois and not simply left to dry in the sun.
- Prolonged exposure of the safety net to UV rays from the sun can lead to a shortened lifespan of the material. When the trampoline will not be in use for more than one month, e.g. winter or storm seasons, remove the textile parts and store them cleanly in their original packaging in a cool dry place out of sunlight.

MAINTENANCE | TRAMPOLINE INSPECTION

Use this checklist to inspect the trampoline before each use. Replace any worn, defective, or missing parts to avoid potential hazards. If the following listed issues are discovered, do not continue to use the trampoline. Contact Vuly or your nearest dealer to order and replace any parts.

Frame Tubes

Surface of the tubes

- Rust spots
- Cracking on the curved areas
- Elongation of the leafspring holes
- Twisted or stretched steel
- Sharp protrusions
- Damage from the leafsprings



Leafspring holes

- Cracks around the holes
- Elongation of the holes
- Stretched leaf locking area



Net Poles

Surface of the tubes

- Rusting
- Cracking on the curved areas
- Twisted or stretched steel
- Sharp protrusions



Connection areas

- Bent or twisted joints
- Cracks in the joints
- Rusty fluid leaking out of the joints



Joiners

Connection to the frame

- Widening of the frame diameter
- Rusty fluid leaking out of the joints



Behind the foot

- Broken welds
- Warped foot walls
- Cracked foot walls
- Stretched lower elliptical holes
- Rusting



Elliptical pole

- Bent or twisted steel
- Stretched upper elliptical holes
- Broken welds
- Rusting
- Impact damage from foreign objects



Upper joiner

- Broken welds
- Rusting
- Rotated rectangular tubing



Leafsprings

Steel layers

- Rusting
- Bent plates
- Sharp protrusions
- Broken welds
- Angled positioning
- Weak performance



Rivets

- Stretching
- Broken or missing
- Cracks around the holes



Mat connector

- Broken plastic
- Missing/disconnected leafsprings
- Bent or stretched wire
- Rusting
- Damaged belt



Mat and Safety Net

Mat

- Holes
- Burn marks
- Frayed yarn
- Broken sewing threads
- Sagging fabric
- Faded or torn fabric



Safety net

- Holes
- Burn marks
- Frayed yarn
- Broken sewing threads
- Stretched mesh
- Torn edge belts
- Stretched seams
- Faded materials



Elastic bands

- Stretched
- Broken or Cut
- Missing
- Rusting wire
- Bent elastic lock
- Broken plastic net pole plugs
- UV damage



Skirt

- Broken zip
- Damaged seam
- Loose threads
- Stretched or broken elastic
- Faded or torn material



MAINTENANCE | USAGE

PRECAUTIONARY ADVICE

User: Start by learning to bounce with small bounces until your confidence and coordination improve. Learn the basic bouncing, landing, and stopping movements to develop a greater control of each bounce before attempting more advanced techniques. Follow the guide to the fundamental skills and seek professional gymnastic training advice to further develop a better understanding of the dynamics of a bounce and the progression of bounce routines.

Focus your eyes on the edge of the trampoline, this will help control your bounce.

Supervisor: The supervisor must be mature and knowledgeable about trampolines to ensure all of the safety guidelines are enforced on the user. The supervisor must read this entire book and ensure that the user has also read this entire book. If unable to provide supervision at times when the trampoline may be in use, it is advised that the trampoline be disassembled to avoid unsupervised use.

BASIC SKILLS

These instructions contain advice on how to perform the fundamental skills of trampolining.

Bouncing

The most important thing about bouncing is that it should be done with control in the centre of the bed. The basic bounce should always begin low. High, reckless bouncing should never be allowed.

The Stop Bounce

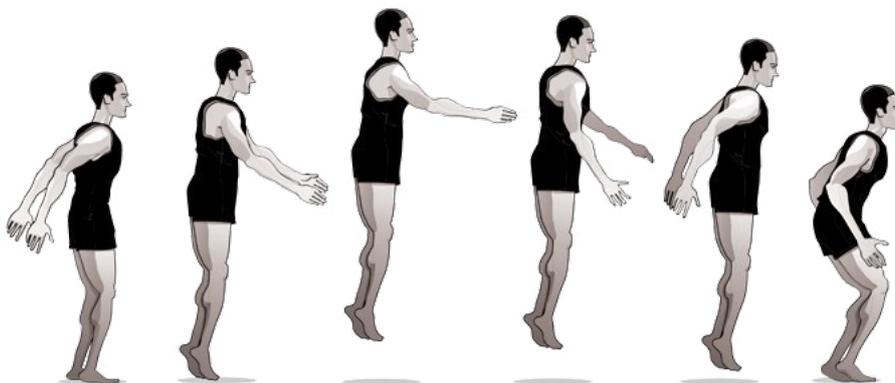
This technique allows the jumper to gain control by stopping quickly. It is achieved by keeping the feet in contact with the bed, and absorbing the rebound of the trampoline with the knees and waist. This skill should be the first skill learned and should be used whenever you feel out of balance or land away from the centre area.

To learn the stop bounce:

1. Stand in centre of the bed with your feet about hip-width apart.
2. Attempt about three easy bounces, keep them low and controlled.
3. Focus your eyes towards the perimeter of the trampoline while bouncing in order to keep your balance.
4. Stop the bounce by bending at your knees and hips on contact with the bed.

Arm Actions

Arms are very important for proper control and lift. Whenever you go up, your arms should go up also. They go up to a set position about shoulder height and shoulder width. They should remain in this balanced position until you start down. Then they circle down and slightly behind the hips, ready to lift again as you bounce up.



Leg Actions

There are three basic variations: the tuck, the pike, and the straddle pike, respectively. These should be assumed at the top of the bounce, before resuming the normal landing position on your feet. Practice these simple variations and concentrate on perfect form. Make sure that your toes are pointed and fingers are straight. These are simple variations to the basic bounce and are very important for gaining experience in coordinated movement.



MAINTENANCE | USAGE

HEX VEX 2™

Hex Vex 2™ is an interactive game printed on the jumping surface.

Originally based on "Add-ons", a training tool used by elite trampolinists to improve their co-ordination and reaction time, Hex Vex 2™ helps jumpers to enhance their balance, increase their memory and learn sequence. Invent new games with Hex Vex 2™ and tell Vuly to have them published to the world!

Hex Vex 2™ Game Icons

Trampolines should be used by one person at a time. Some Hex Vex 2™ games are designed to be played by more than one person. Players should climb off the trampoline to allow the next player to have their turn.

Match Up

Players: 2

Each player starts in the middle and picks the first icon to jump to. They then need to jump to the matching icon and continue this process with all nine icons to complete one round. A miss-match jump ends their turn in the game.

The first person to complete three consecutive rounds of matched icons wins.

Mimic Me

Players: 2 or more

Player 1 starts on the edge of the trampoline and begins the game by calling out the name of an icon and jumping to it. Players take turn, repeating the order of icons jumped on by the person before them, and then adding a new icon to the end of their turn. A player is out if they incorrectly jump on an icon in the wrong order. The winner is the last player left.

Story Hop

Players: 2-3

A player starts in the middle of the jumping mat and all other players remain off the trampoline. The player jumps on any icon, telling one element of a story that relates to that icon. The player then does the same with the remaining icons. To finish their turn, the player must use each of the icons to tell a complete story. The winner is the player whose story achieves the most laughs from all players involved.

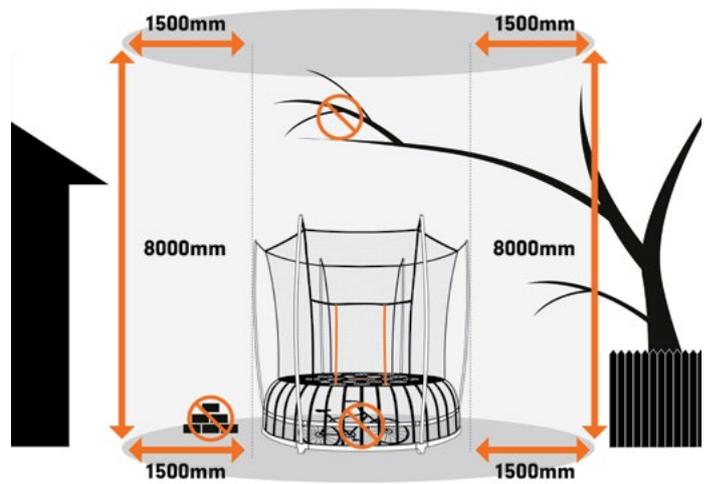


MAINTENANCE | SPECIFIC USE & SAFETY LIMITATIONS

The owner and supervisors of the trampoline are responsible to make all users aware of practices specified in the use and safety instructions. Read all instructions before using the trampoline. For further information or additional instructional materials, contact VULY or your nearest trampoline club.

SITE PLANNING

- Adequate overhead clearance is essential. A minimum clearance of 8m / 26ft from ground level is recommended. Provide clearance for wires, tree limbs, and other possible hazards.
- Lateral clearance is essential. Place the trampoline away from walls, structures, fences, and other play areas.
- Maintain a free space of minimum 1500mm on all sides of the trampoline. This area should not include concrete, bitumen, brick or other hard surfaces as these can cause serious injuries.
- Keep the trampoline on a level surface.
- Trampolines should be placed on impact-absorbing surfaces such as grass, wood chip, sand (not beach sand to avoid rusting), rubber or synthetic compounds. Trampolines produce high downwards pressure and can damage hard surfaces such as tiles.
- The trampoline must not be used in gusty or severe winds and only when wind or air movement is calm and gentle.
- Use the trampoline in a well-lit area.



SAFETY CHECKS

Every checking procedure is to be performed before using the trampoline.

Product Check

- Inspect the trampoline before each use.
- The trampoline safety net must always be correctly fitted to promote safer use of the trampoline.
- Do not use the trampoline in the rain or wet conditions.
- Replace any worn, defective, or missing parts.
- Maintain a clear area around, above, and under the trampoline so nothing can interfere with the user.
- Properly secure the trampoline when not in use to protect against unauthorised use.
- Any ladder should be removed from the trampoline when not using the trampoline, to prevent young children from falling and injuring themselves.
- Do not allow any activity underneath the trampoline.
- Check the surface of the mat for foreign objects and remove them.
- Inspect the safety net structure for missing, improperly positioned, bent, broken or insecurely attached net poles, pole caps and sharp protrusions.
- Inspect the safety net textiles for deteriorated stitching, punctures, fraying, sagging, tears, or holes.

Personal Check

- Do not bounce when tired or bounce for so long that you become tired.
- Refrain from eating or drinking on the trampoline to avoid spillages and potential injury as a result.
- It is advisable not to bounce immediately after a meal.
- Do not use a trampoline while under the influence of alcohol or drugs.
- Ensure the user weight is less than 150kg / 330 lbs.

Clothing Check

- Wear clothing that is tight fitting and allows freedom of movement
- Do not wear shoes while bouncing on the trampoline unless they are designed specifically for use on a trampoline.
- Wear sun-protective clothing, sunscreen and a soft hat.
- Wear clothing free of drawstrings, hooks, loops, buckles, jewellery or anything that could get caught while using the trampoline net and result in entanglement, strangulation or damage to the trampoline.
- The user must not have any solid or sharp objects present on their person. Foreign objects may damage the safety net or jumping mat.

Behaviour Check

- Avoid bringing any miscellaneous items onto the trampoline.
- Do not allow pets on the trampoline at any time. Sharp claws may cause damage to the textile materials.
- Do not jump onto or off of the trampoline.
- Do not use trampoline without mature and knowledgeable supervision.
- Misuse and abuse of the trampoline is dangerous and can cause serious injuries.
- The trampoline frame is designed to support the user and the springs. Any weight added by persons sitting on the edge of the mat or frame puts increased pressure on the entire spring system.

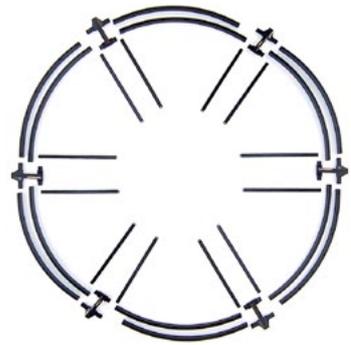
TRAMPOLINE | ASSEMBLY INSTRUCTIONS

WARNING: MAKE SURE YOU WEAR THE VULY GLOVES WHEN YOU INSTALL THE TRAMPOLINE.



STEP | 1

Take two frame tubes and connect a joiner to each end. Lay out the frames, joiners and two leafsprings for each joiner in a circle.



STEP | 2

Connect two frame tubes to a joiner and install a leafspring to lock them together. Make sure the leafspring holes in the frame tubes face to each other and the frames with stickers are used for the lower frame.



LEAFSPRINGS | ASSEMBLY INSTRUCTIONS

STEP | 1

The side of the leafspring with the small plate on the base must face outside the trampoline.



STEP | 2

Progressively install two frame tubes, a joiner and two leafsprings to lock the frame until complete.



LEAFSPRINGS | ASSEMBLY INSTRUCTIONS

STEP | 3

Put the mat and net in the centre of the trampoline and line up the vertical net PP belts with the joiner poles.



LEAFSPRING LEVER | USAGE

Hook the lever over the leafspring directly under the top rivet. Push the handle to bend the leafspring towards the mat. Rotate the connector up to put the hook into the top leafspring hole.

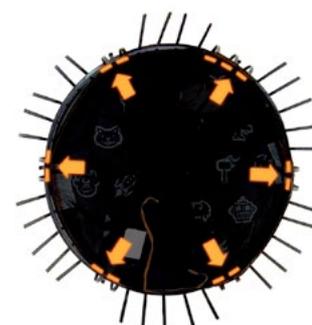
WARNING: Ensure the small plate on the base of each leafspring is completely inside the frame tube.



A) Connect one leafspring on the right of a joiner to the connector that is on the left of a vertical net seam.



B) Connect one leafspring on the right of the joiner that is on the opposite side of the trampoline.



C) Continue connecting the leafsprings on the right sides of the joiners. Always connect the joiners that are on opposite sides to keep the tension on the mat even.

D) Progressively insert and connect a leafspring on each frame section until complete.



TRAMPOLINE | ASSEMBLY INSTRUCTIONS

STEP | 3

Assemble the net poles together with the holes all facing the same side.



STEP | 4

Insert the net plug at the top of each vertical net seam into the top end of each assembled net pole. The elastic should be on the side of the net pole that curves inwards, opposite to the hole.



STEP | 5

Insert the assembled net poles into the joiners.



SKIRT | ASSEMBLY INSTRUCTIONS

STEP | 1

Find the first joiner on the left side of the door. Hook the skirt clip around the leafspring that is on the left side of the joiner.

STEP | 2

Pull the skirt clockwise around the trampoline on the inside of the net poles. Zip the skirt together and move the skirt hook from the leafspring to the skirt hook loop. Close the Velcro behind each joiner.



CONGRATULATIONS!

You have assembled your new Vuly Thunder.



THUNDER		M	L	XL
1	NET POLE	18	24	30
2	MAT AND NET	1	1	1
3	LEAFSPRING	42	56	70
4	SKIRT	1	1	1
5	FRAME TUBE	6	8	10
6	JOINER	12	16	20
7	LEAFSPRING LEVER	1	1	1



PUSH
LIMITS



WARNING

- For domestic use only.
- Recommended for ages 6 and over, for outdoor use.
- Children should not use the product until it is properly installed.
- Adult assembly required.
- Only one user, Collision Hazard.
- Small parts. Choking hazard!
- Not suitable for children under 36 months.
- Tested to bear weight of up to 150kg.

AVERTISSEMENT

- Pour un usage personnel seulement.
- Recommandé pour les enfants de plus de 6 ans et pour un usage extérieur.
- Les enfants ne devraient pas utiliser le produit jusqu'à ce qu'il soit correctement installé.
- L'assemblage par un adulte est nécessaire.
- Seule personne. Danger de collision.
- Petites pièces. Risque d'étouffement !
- Ne convient pas aux enfants de moins de 36 mois.
- Testé pour un poids pouvant atteindre 150 kg.

ADVERTENCIA

- Solo para uso domestic.
- Recomendado para niños de 6 años de edad o más, para uso al aire libre.
- Kinder sollten das Produkt nicht verwenden, bis es richtig installiert ist.
- Se requiere el montaje por un adulto.
- Nur eine Person. Kollisionsgefahr.
- Vorsicht Kleinteile – Verschluckgefahr!
- Nicht geeignet für Kinder unter 36 Monate.
- Getestet bis zu einem Gewicht von 150 kg.

ZERBRECHLICH

- Mit Vorsicht handhaben.
- Für Personen ab 6 Jahren geeignet. Zur Verwendung im Freien.
- Los niños no deben utilizar el producto hasta que esté correctamente instalado.
- Montage durch erwachsene person erforderlich.
- Un usuario. Riesgo de colisión.
- Partes pequeñas. ¡Peligro de Ahogo!
- No apto para niños menores de 36 meses.
- Probado para soportar hasta 150 kg de peso.

警告

- 本产品仅供家庭使用。
- 本系列产品是供一名6岁或以上的儿童个人使用，本产品为户外使用。
- 儿童必须在产品适当地安装完成之后才能使用。
- 需由成人组装。
- 限一人使用。碰撞危险。
- 产品包含小体积部件有窒息的危险！
- 本产品不适合36个月以下儿童使用。
- 本产品检测通过最大承重达150kg。

تحذير

- للاستخدام المنزلي فقط.
- لسن 6 سنوات فما فوق، للاستخدام في الهواء الطلق.
- يجب على الأطفال عدم استخدام هذا المنتج حتى يتم تثبيته بشكل صحيح.
- الجمعية الكبار المطلوبة.
- شخص واحد فقط. خطر الاصطدام.
- أجزاء صغيرة. خطر الاختناق!
- غير مناسبة للأطفال دون سن 36 شهرا.
- اختبار لتحمل وزن يصل إلى 150 كجم.

Made in Qingdao, Shandong, PRC / Fabriqué en Qingdao, Shandong, RPC (Chine) / In der Qingdao, Shandong, VR China hergestellt / Hecho en Qingdao, Shandong, RPC (China) / 在中国山东省青岛市 / المرص في تشينغداو، شانغونغ، جمهورية الصين الشعبية

Exceeds / Dépasse / Supera / Übertrifft / تجاوز / 通过以下检测:

BS EN71-1:2011, EN71-2:2011, EN71-3:2013, prEN71-14:2012 | ASTM F381-13, F2225-13 | AS 4989-2006 | EU No.494/2011 & 835/2012 (Cadmium) | EC 2009/48/EC, No.1907/2006 Annex XVII Items 51 & 52 & Amdt. No.552/2009 (Phthalates), No.1907/2006 Annex XVII 43 & Amdt. No.552/2009 & 126/2013 (Azo) | CPSIA 2008 & Amdt. H.R.2715 (Phthalates), Ti.I Sxn.101 (Lead)

AUSTRALIA / AUSTRALIE / AUSTRALIEN / 澳大利亚 / أستراليا

☎ 1300 667 514 VULYTRAMPOLINES.COM

UNITED KINGDOM / ROYAUME-UNI / REINO UNIDO / 英国 / المملكة المتحدة

☎ 0330 808 0135 VULYTRAMPOLINES.CO.UK

CANADA / CANADÁ / KANADA / 加拿大 / كندا

☎ 1 866 6088664 VULYTRAMPOLINES.CA

USA / ÉTATS-UNIS / EEUU / 美国 / الولايات المتحدة الأمريكية

☎ 1 866 6088664 TRAMPOLINESAMERICA.COM

MIDDLE EAST / MOYEN-ORIENT / MEDIO ORIENTE / NAHER OSTEN / 中东 / الشرق الأوسط

☎ 800 2447 4446 VULYTRAMPOLINES.AE



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