

❑ - Before Use - ❑

Please read this manual before using to ensure correct use, and keep this instruction manual for future reference.

Functions of the product

The jacket guides your body to an ideal posture when burden is involuntarily put on the body during daily work. It protects and stabilizes abdominal and back muscles to reduce strain on the lower back.

Use and features of the product

- This assist suit was developed to reduce strain on the lower back and upper body during light work. The product, however, does not completely eliminate strain nor offer abilities beyond the wearer's natural strength.
- Do not carry excessively heavy loads or assume postures that create excessive burden on the lower back while wearing the product.
- The product is not a medical equipment and is not intended for use as a treatment device to relieve lower back pain, stiff shoulders, or other physical conditions.
- The three functional effects stated herein will differ by individual.
- Taking a forward tilting posture stretches the flexible material used for the muscle belt and other parts providing support assistance.
- The product is designed to stabilize and support the lower back and the backbone, but is not intended to fully protect those parts.
- The product does not have an antistatic function.

<Safety Precautions> Be sure to read before use!

Warning: Mishandling may result in serious injury or death

- The product is not designed to treat lower back pain or other ailments.
- Do not use for purposes other than support for light work as it may cause injury or damage to the product.
- Do not alter, modify, or repair the product.
- Do not use if one of the following apply:
 - Individuals with injury, swelling, rash, allergy, poor blood circulation, etc. in areas coming into contact with the jacket, such as shoulders, chest, and knees; individuals with other ailments; individuals who are or may be pregnant; individuals under the influence of alcohol or who have low physical strength.
- In the event of abnormal conditions such as pain, numbness, itchiness, rash, or discomfort during use, stop use immediately and consult with your doctor.
- Be aware that overtightening may interfere with blood circulation.
- If using the product for extended periods, remove from time to time because it may damage skin and interfere with blood circulation due to pressure.
- Do not use in places where chemicals are used.
- Do not use in places with sudden changes in temperature, or in places subjected to excessively high or low temperatures.
- Do not use the product if there is damage, abrasion, deformation, or deteriorated hook-and-loop fastener performance.
- Please wear it correctly according to the instructions noted in the instruction manual.
- If used incorrectly, the wearer will not only have insufficient support or assistance, but will also experience excessive pressure from the product, causing injury or damage.
- Product may be hooked on or pulled into surrounding objects. Be careful of surrounding areas when wearing.
- Do not walk or climb up and down stairs with the knee belt unfastened.
- Refer to the size chart in this instruction manual and ensure that you use the right size.
- Check that the Support Jacket is worn properly, that it is right side up, that the left and right sides are properly aligned, and that the front and back are properly placed.
- If the fit becomes loose or slips, remove and put back on correctly to ensure a good fit.
- Do not wear while sleeping.

Precautions: Misuse may result in injury or damage/loss of properties

- Do not use when the function offered is unnecessary, such as in a sitting position.
- Be careful not to nip your skin or clothing with the buckle clasps and belt wire as it may cause damage to clothing and injury to skin.
- Stop use immediately if there are tears, cracks, damage, or other defects found in the product.
- Clothing may be damaged if stuck in or clasped by the hook-and-loop fastener.
- Remove any dust, fibers, etc. attached to the hook-and-loop fastener before use, or it may reduce the adhesive strength of the tape.
- Color may migrate to clothing.
- Stop using the product when the elasticity of the fabric, etc. is reduced.
- The manufacturer assumes no responsibility for any issues/accidents after the product is transferred to a third party.
- Always wear the product over clothing, never on bare skin.
- Life of the hook-and-loop fastener and the elastic of the muscle function parts may be shortened depending on the frequency and the condition of use.
- Product specifications and appearance are subject to change for the purpose of improvement without advanced notice.
- To use the product safely, an administrator must inspect it before each use.

Precautions for washing

- Follow the washing instruction on the back of the hip belt.
- Be sure to use neutral detergent and water below 30°C.
- Do not bend the bone.
- Do not wash the products with other items to avoid color migration or damage to clothing, etc.
- Rinse well to remove all detergent, wipe moisture with a towel, etc. and hang dry in shade.
- Do not dry clean or use a washing machine, dryer, iron, bleach, and avoid wringing.
- Check for cracks, fraying, and other damage after washing.
- If fraying is found in the seams, do not pull or snip with scissors as it may widen the fray.
- Fasten the hook-and-loop fastener when washing as it may decrease the adhesive strength of the hook-and-loop fastener.

Storage method

- Store in well-ventilated places not exposed to direct sunlight or high humidity.
- Store with hook-and-loop fastener closed.
- Storage conditions may cause discoloration.
- Store with no excessive weight on the hook-and-loop fastener and napped areas. Or it may weaken the adhesive strength of the hook-and-loop fastener.

Disposal

- The materials used are nylon, polyester, and polyurethane; and the backbone is made with resin material (polypropylene). Please follow the local rules for disposal.

Size chart (unisex) *Larger size is recommended if uncertain.

Size (cm)	S	M	L	LL	3L
Hip* (Pelvis circumference)	78-88	86-96	92-104	98-110	104-116
Above and below kneecap	28-40	30-43	32-46	34-49	36-52
Height	155-165	162-172	168-178	174-186	180-192

*Note: Hip is a pelvis circumference and not a waist (abdominal) circumference.

Color: Gray

Material: Polyester, nylon, polyurethane, polypropylene, POM, silicone, and natural rubber

Video demonstrating how to wear

Please visit our site from the QR code or URL below.

<https://youtu.be/70iIL0rxmPQ>



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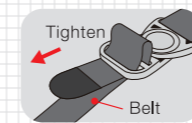
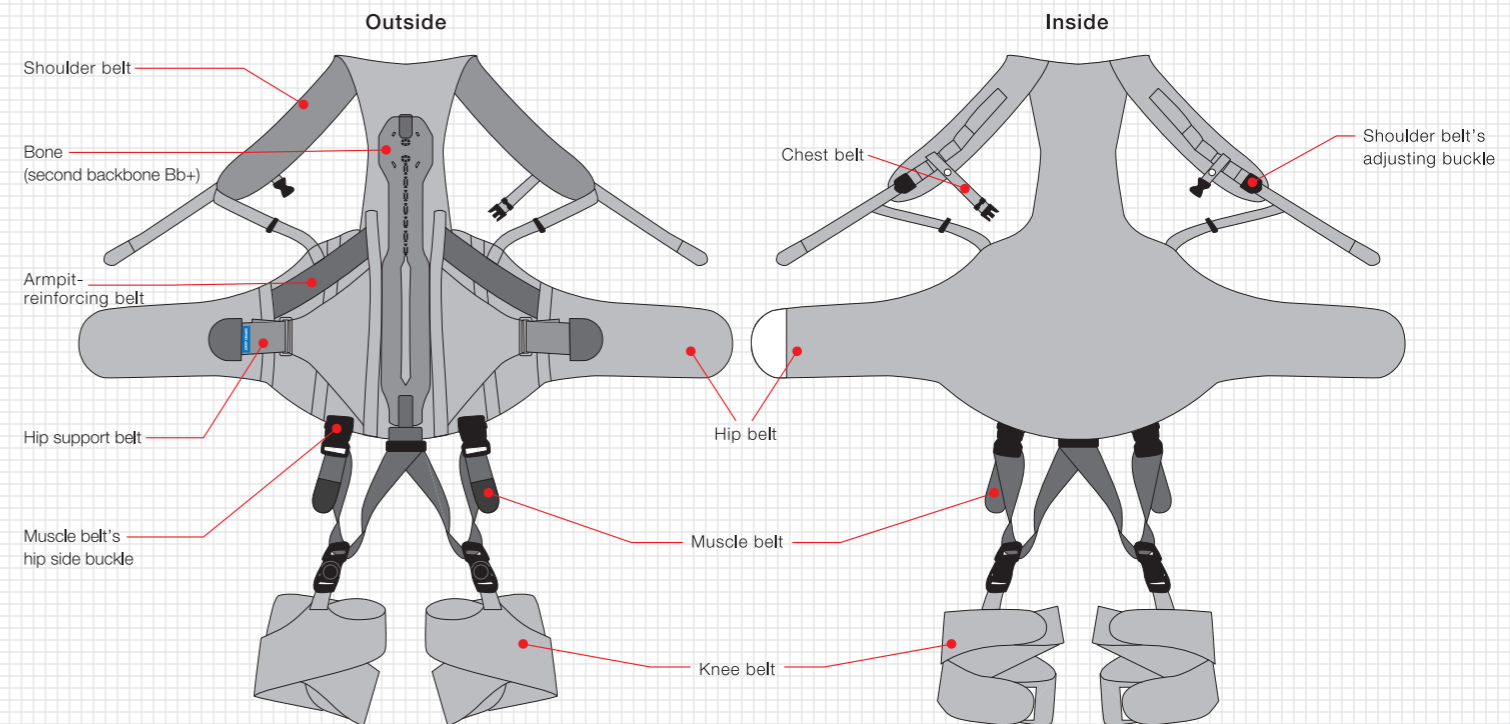
SUPPORT JACKET

Bb PRO II

Support Jacket®
Bb PRO II

Instruction manual

Part description



<How to put the belt through the buckle>

As shown in the figure, put the belt through the center of the buckle, and loop the end of the belt under the buckles and pull to tighten it.

* It is common to all of the shoulder, chest, and muscle belts.

Tip for correct fit * See inner pages for details.



Have some looseness in the shoulder belts.

Place the lowermost part of the second bone Bb+ (bone) around the tailbone and wrap the hip belt around the hip bone.

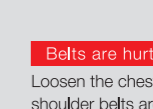
Ensure that the muscle belts are not too tight.

How to deal with these situations * Do not overtighten.



Hard to bend

Are muscle belts too tight?
Adjust the tightness of the muscle belts.



Belts are hurting shoulders

Loosen the chest belt so that shoulder belts are not too tight.



Belts are hurting knees

Are knee belts too tight?
Make sure knee belts are not too tight or too loose

Easy to put on in just 5 steps

Loosen the shoulder belts | Before putting on

1 Put arms through the shoulder belts and fasten the chest belt



Remove the buckle of the chest belt to loosen the shoulder belts completely.



Hold the shoulder belts with each hand, and put arms through the belts as if carrying the jacket on your back.



Fasten the chest belt. Adjust the length according to working situations. *** Do not overtighten.**

2 Tighten the hip belt



Place the lowermost part of the hip support belt around the tailbone. (Adjust while confirming the position with your fingers)



After removing the hip support belt from the hip belt, firmly wind the hip belt as it wraps around the hip bone and tighten it below the belt of the trousers.



Pull the hip support belts forward and fasten them with the hook-and-loop fastener. (This further stabilizes the pelvis.)

3 Fasten the knee belts



Wrap the knee belts below the kneecaps and fasten them with the hook-and-loop fastener. *** Place the anti-slip rubber inside.** Make sure that the muscle belts are positioned behind the knees.



When knee belts do not reach below the knees, **removing one of the buckles** at the hip side of the muscle belts to make the knee belts easier to attach.

4 Adjust the muscle belt



Pull the ends of the muscle belts to adjust them to the same tightness. *** Adjust the tightness according to working situations.**

5 Adjust the tightness of the shoulder belt



With the chest out, pull the ends of the shoulder belts downward to adjust the tension of the belts. *** Adjust the tightness according to working situations.**



Feel when wearing
The jacket is designed for better posture with the feeling that slouching shoulders are straightened and that there is a slight resistance when bending forward. Adjust the tightness to ensure the best fit for you.

SUPPORT JACKET Bb PRO II

The jacket guides your body to an ideal posture when strain is involuntarily put on the body during daily work. It protects and stabilizes abdominal and back muscles to reduce physical strain on the lower back due to standing during light work, loading/unloading cargos, or moving.

Original functions of Support Jacket Bb

Form navigation function



Originally developed Bb+ to maintain the backbone and the lower back in an ideal position. Supporting forward tilting posture associated with work significantly reduces the load on the back and lower back.

Lumbar support function



It reduces load on the backbone during work with a wide belt wrapping the backbone as well as the abdominal and back muscles to stabilize and protect the lower back while maintaining abdominal pressure.

Muscle function



The muscle belt supports leg muscles, from the knees to the lower back. Wearing the belt supports forward bending and standing up movements during work, which reduces fatigue.

Functions improved from the previous model based on customer input

Improved shoulder belt



Material for the shoulder belt is changed for more cushioning and breathability in response to the comment that the belt rubs and hurts.

Added chest belt



A chest belt was added to prevent the shoulder belts from slipping out to the left and right sides. Height-adjustable and detachable.

Added armpit-reinforcing belt



Armpit-reinforcing belts are added. Firmly stretching the belt when wearing the jacket increases a holding power, making the use more effective.

Improved knee belt design



The knee belts were changed to our internally-developed X pattern design. While maintaining the form to wrap the knees from above and below, the new design reduces the upward load put on the knees.

Improved muscle belt



A removable buckle was adopted for easier wear. Using buckles that rotates towards the knee belts enables support for diverse movements. The belt also prevents twisting.

Changed fabric



Fabric is changed to improve breathability. Making use of material that only stretched in one direction and a sophisticated sewing method, the change added more strength in the vertical and horizontal directions. Less fluffy fabric is used.