

The Wrap Basic Application Manual



Safe Restraints, Inc.
(800)WRAP 911
www.saferestraints.com



The Wrap Basic Application Manual and website are not intended to replace actual training. The Manual is a guide for safe and proper application. Safe Restraints, Inc. strongly recommends that all persons using the Wrap be trained in its use. Training can be provided by law enforcement personnel trained in arrest and restraint techniques or by Safe Restraints.

Safe Restraints, Inc. offers a comprehensive training program for the Wrap. If you should require training or have any questions regarding use or application, please call us at 1-800-WRAP 911.



CAUTION:

The Wrap should only be used by persons trained in its safe and proper application.

WARNINGS:

The ankle strap is the first step in controlling the subject's legs.

The body/leg portion of the Wrap is designed to prevent kicking or running. Following training and applied properly, the harness will restrain a subject safely in a number of positions: an upright seated position, lying on their side, standing or supine. Be aware that some people can aspirate when in the supine position.

Applied properly, the harness does not restrict the subject's ability to breathe. To minimize respiratory issues, personnel need to work quickly so that the subject is secured in one of the positions of recovery. Remember that a restrained subject must be monitored.

If a restrained subject complains of, or exhibits any medical concerns, seek immediate medical attention. Some examples are:

- Respiratory Distress (i.e. Coughing, gasping, gagging, shortness of breath)
- Sudden quiet or inactivity (especially after a violent struggle)
- Chest pains, shooting pains down the arm
- Change in facial color
- Elevated body temperature (I'm burning up!)
- Vomiting
- Suspected drug behavior
- Sweating profusely

The shoulder harness system should not be tightened to the point that it may interfere with the subject's ability to breathe.

The Wrap is a temporary restraint system designed to provide emergency stabilization. Like all restraints, you must assume it is not escape proof. Caution should be taken to avoid any straps getting tangled around the subject's neck. Emergency medical care or evaluation of the subject should be considered in order to reduce injuries and the possibility of in-custody death.

While removing the Wrap, make sure to secure it in an area not accessible to the subject or to others in the immediate area.

After use, follow agency protocol should bodily fluids be present on the Wrap.

APPLICATION STEPS

Note: Only persons who have been trained in the safe and proper application of the Wrap should be allowed to deploy the system.

The following illustrations show a three-person application. Instructions for two or four personnel application are discussed on page 6 under “Application Variations”.

RECOMMENDATION

Prior to application of the Wrap, both the upper and lower body of the subject must be controlled.

It is strongly recommended that the subject be prone, faced down with the hands cuffed behind the subject’s back. You must minimize the time subject is restrained face down to reduce the risks associated with respiratory fatigue.

(Figure 1)



Figure 1



Figure 2

STEP ONE:



Cross the subject’s ankles. Apply the ankle strap firmly around the crossed ankles.

(The ankle strap needs to be used to help control and limit movement of the legs).

Tactical Tip:

The ankle strap incorporates a carry handle which can be used to help move the restrained subject. By using the ankle strap to lift the legs, the Wrap can be slid under the subject’s legs more easily.

1-800-WRAP911

STEP TWO:



While maintaining control of the subject's upper and lower body, slide the Wrap under the subject's legs, placing the knees on the markings labeled "KNEES HERE". (Figure 3)



Figure 3

Proper Subject Placement

Tactical Tip: If possible, try to deploy the Wrap from the subject's right side. This positions the three bands for easy access. (Figure 4)



Figure 4

STEP THREE:



While maintaining control of the subject, secure the bands tightly starting with the band closest to the feet, moving upwards towards the subject's waist until all three bands are secure. (Figure 5) Securing the band closest to the feet first helps prevent the person from kicking.



Figure 5



Figure 6

STEP FOUR:



Maintain control of the subject and place the harness on subject's back. Attach the carabineer on the harness to the handcuffs and lock the carabineer. Drape the harness over the subject's head. (Figure 6)

1-800-WRAP911

STEP FIVE:



While supporting the head of the subject, use an approved method to roll the subject up to a seated position. You are now ready to secure the harness.

Feed the straps through the arms and attach to the locking buckles. This can be done with the subject lying on his or her side or in a seated position (seated position is easier). Secure the straps firmly. The security buckles are designed to be released with a cuff key or small object like the tip of a ballpoint pen by inserting it into the ¼ inch hole on the metal cover and pressing down. (Figure 7)



Figure 7

STEP SIX:



While maintaining control of the subject, attach the tether lead of the harness to the carabineer on the body of the Wrap (located below the first band). **Lock the carabineer.** (Figure 8)



Figure 8

Now pull the tether strap **BACK TOWARDS THE PERSON'S BODY** until the subject is held fully upright. (Do not over-tighten). The subject is now fully restrained in the Wrap and ready to be moved or transported. (Figure 9)

Transport:

Whether in the field or a controlled environment, the subject will normally need to be lifted off of the ground and placed into a patrol car, on a gurney, back board or wheel chair. To lift the restrained subject, two people should lift the subject under the arms while the third person lifts the legs. The handle on the ankle strap can be used or simply a log-carry position. Care should be taken to avoid dropping or injuring the subject. (Figure 10)

This is also the time when one could transition to the soft-cuffs if your product has them.



Figure 9

1-800-WRAP911

Application Variations:

The Wrap can be applied by two people.

Additional personnel may be needed depending on the amount of resistance encountered.



Figure 10

Two-person application:

Two-person application differs from three-person only in regard to control duties. After the subject is handcuffed, one person maintains control over the lower body while the other person applies the hobble and leg portion of the Wrap. Once the legs are secure, personnel can focus on applying the harness.

Four-person application:

As with a three-person application, normally one person controls the upper body and one person controls the legs while the other two apply the Wrap, one on each side of the subject's legs. (These tactics are suggestions only and may vary due to the resistance encountered or your agency's policy.)

Remember to monitor the subject and be alert to medical needs. Please review all warnings listed in the front of this manual. If you have questions, please call us at 1-800-WRAP 911.

Tactical Tip: Coordinating the application of the Wrap among personnel at the scene is critical. The person controlling the upper body is usually in the best position to coordinate the application.

Removing The Wrap:

Basically reverse the application procedure. It may be necessary to ease the tension of the tether strap to disconnect from the carabineer on the Wrap. (The strap that connects the harness to the leg wrap) This can be accomplished by leaning the subject forward and either loosen the tether's ring or simply disconnect the ring from the carabineer.

Unlocking the security buckles can be accomplished by inserting a cuff key or small object like the tip of a ballpoint pen into the ¼ inch hole on the metal cover and pressing down

Cleaning:

Clean with soap and water. A small amount of bleach may be added. Air dry.

You may choose to have the Wrap sanitized through a local crime scene cleaning service. If this procedure does not prove satisfactory, replacement should be considered.

Use of Optional Soft Cuffs

The option of having soft cuffs on the Wrap is provided for agencies where handcuffs are not used or medical needs exist for the subject restrained.

The soft cuffs are temporary restraints and do NOT provide the same level of security that handcuffs provide. Use of soft cuffs should be done only when staff can maintain constant observation and physical control.

APPLICATION:

The soft cuffs can be utilized during the initial application of the Wrap or when transferring from handcuffs to soft cuffs.

If soft cuffs are initially used, personnel should control both arms with a control hold for safety while securing the wrists in the soft cuffs. The soft cuffs' padding and width provide a firm fit while minimizing blood circulation issues. However, personnel still need to monitor the subject's hands for any blood circulation problems. The elbow strap should then be applied firmly. This locks the elbows back, making it harder for the person to move their hands and attempt to free themselves.

If personnel wish to transfer the subject from handcuffs to soft cuffs, it is recommended that it be done one arm at a time. Release one handcuff while maintaining control of that hand/wrist. Then attach the freed handcuff to the carabiner so that the handcuffed wrist remains restrained. Then place the released hand into the soft cuff. Once that hand is secured in the soft cuff, then remove the handcuff from the second wrist and secure it in the remaining soft cuff. Ensure soft cuffs are applied firmly and monitor hands for any blood circulation issues.

If a person is restrained in the soft cuffs and a decision is made to transfer to handcuffs, it is recommended that one hand at a time be released and secured into handcuffs. Use of a control hold on the released hand/wrist during the transfer helps maintain control. At this point, secure the handcuffs to the carabiner located on the back of the harness.



Figure 11

Soft-Cuff Reminder:

Remember that soft-cuffs should be used for brief periods of time and under direct supervision. Their primary use would be for custodial settings and do not provide the same level of security that handcuffs provide. The soft-cuffs do not have locks so personnel need to provide immediate supervision. If possible, a person who is combative and/or is making efforts to defeat the soft-cuffs should be placed back in handcuffs as soon as possible. Some examples of soft-cuff use would be:

- A need for a forced blood draw
- Medical care
- Need to aid with joint movement for circulation concerns when Wrap is used for an extended period
- When allowing a person in the Wrap to walk (while supported by personnel)
- Department requirement / restriction of handcuff use

NOTE: Normally the soft-cuffs with the aid of the elbow strap are sufficient for normal restraint. Special orders providing locks on the soft-cuffs for added security can be made. Contact Safe Restraints Inc. directly for custom orders or questions.

ELBOW STRAP:

The elbow strap was designed to help provide added security to a person when both arms are restrained in the soft-cuffs. When applied correctly it locks the elbows and shoulders backward, restricting arm and hand movement. This restriction helps prevent a person's hands from reaching across their body in an attempt to undo the soft-cuff on the other hand. The elbow strap is now included with Wraps purchased with the soft-cuff feature. It is NOT REQUIRED to use the elbow strap every time a person is in the soft cuffs but is recommended. Personnel need to evaluate their security needs while adhering to their department's training/policy.

APPLICATION OF THE ELBOW STRAP:

Step 1: Make sure both arms of the person are properly restrained in the soft-cuffs.

Step 2: Apply the elbow strap above the person's elbows much like putting on a waist belt.

Step 3: Tighten the belt firmly to pull the elbows and shoulders back but be careful not to over tighten. Over tightening could cause strain on the shoulders and circulation issues. (Figure 12)



Figure 12

CAUTION:

The elbow strap is made of 2" wide material to reduce the risk of pinching and circulation issues. However, personnel need to monitor the person restrained to ensure the safety and security of the person restrained.

Revised: July 2010

1-800-WRAP911