

## Amspec Tumble Harness Maintenance



**Amspec Inc.** is an American company started in the 1980s to design and produce products for the Stunt Community. They make harnesses, crash gear and other stunt related equipment.

### Equipment:

- Amspec tumble harness
- 1/8" Hex Key
- Oil and Wax Lubricant
- Cloth rag
- Small Scissors or razor blade
- Lighter



Amspec Tumble Harness is a harness that sits on the hips and around each leg. On each hip pad there is a revolving ball with a shackle. This allows the performer to flip a full 360 degrees. The hip pads are held together with a metal plate on the front and back with a leather patch on

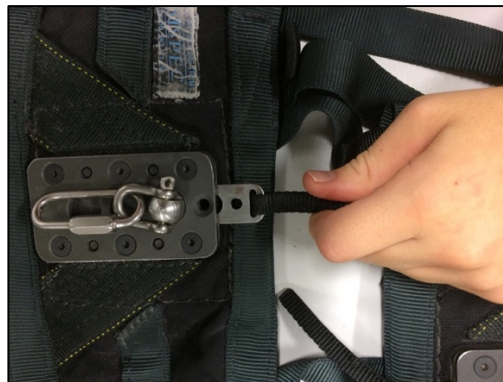
the back. Countersunk hex key bolts keep all these elements held together. There are 3 different positions for the swivel points on the hips. These can be adjusted to suit a particular performers preference depending on the desired effect of the trick.

## Amspec Tumble Harness Maintenance

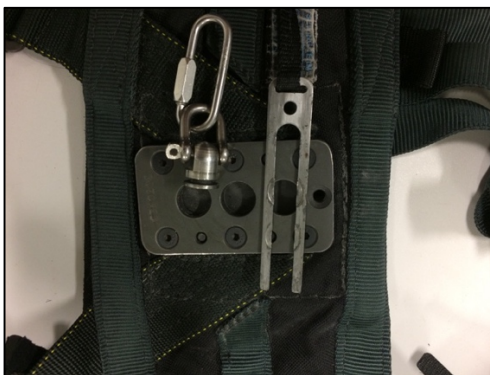


To change the swivel positions and perform the daily maintenance the process is the same. The following instructions will be mainly for the daily maintenance.

The countersunk bolts can be loosened with a 1/8" Hex Key. A daily check should be that all 6 perimeter bolts are tight. To check the lubrication or change the position of the Swivel the top bolt should be loosened.



Once the bolt is loosened and removed the webbing attached to the top of the metal piece called the "spade", can be removed by pulling it out. The spade holds in and allows the movement of the swivel.



See above the swivel and the spade. When the spade is not lubricated correctly or checked daily the swivel can cut grooves in the spade from its movement. Use a cloth rag to clean off any old if it is a dark colour (meaning that it there is metal rubbing off in the lubricant). Replace the spade and swivel in reverse of how it was remove. Place

## Amspec Tumble Harness Maintenance

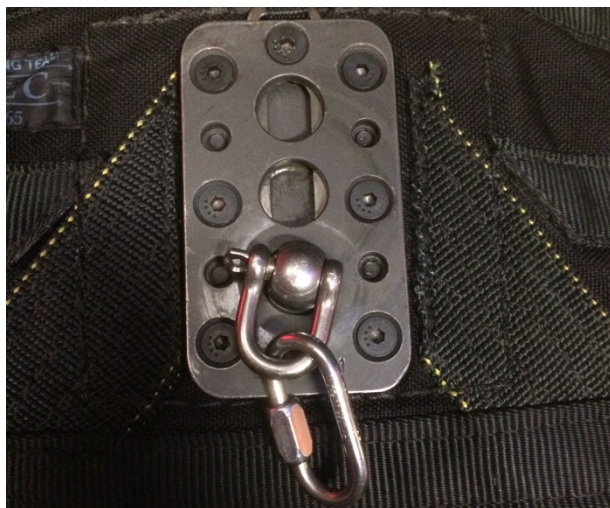
swivel in desired hole (ensure swivels on both sides are in the same position). Do not over tighten the countersunk bolt.



Flip harness over to look at the inside. Open both Velcro padding on both hip pads. This reveals the leather pads. Check stitching around leather pads is intact. Check all other stitching on the harness is not frayed or cut.

The padding on the leg straps should be free of pilling, if there is any pilling then it can be burned off carefully with a lighter or cut off with small scissors or a razor blade.

Run a thumb and forefinger over all webbing checking for rips, abrasions, or bumps.



Check the shackle is tight and there is a maillon attached. The maillon should be tightened to finger tight plus a quarter turn with a spanner (not pliers). When performing checks, the maillon should not be able to be loosened by hand.