

**Ice hockey helmet 4 point cheater “stealth” chin strap modification. Possible applications in football and lacrosse helmets for better retention.**

**Non HECC compliant**

**All modifications are done at your own risk!**

The following modification will help prevent helmet dive, cuts to the bridge of the nose, and helmet rise, cuts to the face.

This would have saved me 12 stitches and a trip to the ER!

First obtain a US military 4 point harness for the MICH helmet. Only use a genuine US MIL SPEC harness. There are cheap foreign knock offs for sale, I don't know the strength of the buckles, or if they have even been tested. The current MIL SPEC harness with the YKK buckle is 10% stronger than the pull the dot snaps. Green strap was used for clarity.



H style MICH helmet harness



Next remove the nape strap, (the pad with the Velcro adjuster between the 2 long straps)  
Then cut off the chin strap, THAT IS NOT part of the main harness strap with the buckle.



Nape pad and chin strap removed.

Put your favorite foam chin strap cup on the MICH helmet strap. There are many manufacturers of 4 point chin straps with energy attenuating foam chin cups available for football and lacrosse. Use Google search.



Energy attenuating foam chin cup installed on MICH harness.



Now attach it to the helmet using longer screws if necessary. Use the mounting holes for the cage and cage strap.



4 point adjustable MICH harness on ice hockey helmet.



Cage strap helps hide the MICH harness strap.





When done in black it is not very noticeable, but a lot safer than the current HECC mandated design.