skin placement

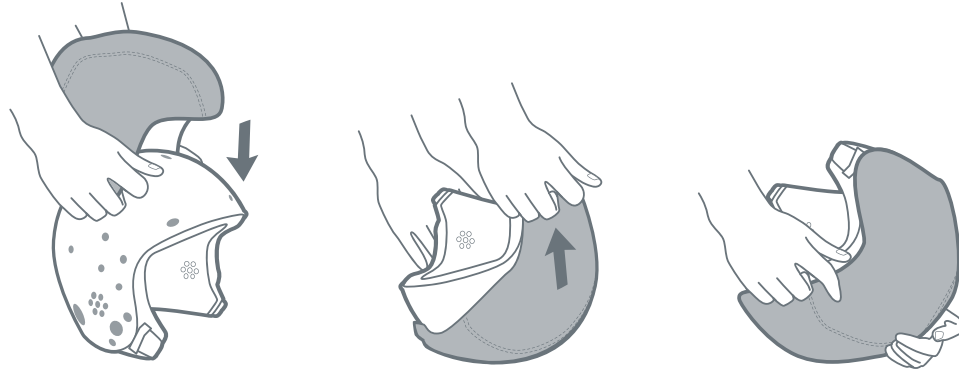## skin removal