Assembly instructions for the Integrated Optivisor/face shield
Magnifying loupe

Materials Required for Assembly

1. **Optivisor Magnifying Loupe with Headband.**
   - The loupes are usually supplied to country programs free of charge by Tropical Data.
   - Most recent batch of loupes are supplied with magnifying lens attached to shell with pair of nuts and bolts (3mm diameter x 10mm long).

2. **Clear face shield/plexi visor** (width 250-350 mm x height 200 to 230mm). The ideal thickness of the plexi visor should be 0.5mm.
   *Figure not drawn to scale

3. **Adhesive Velcro strips** (width 20mm x length 80-100mm)
   - You can buy a roll of 20mm adhesive Velcro and cut the strips into appropriate length.

4. **Tools**
   - a) Ruler 300mm
   - b) Sharp cutting knife
   - c) Leather punch
   - d) Flat screwdriver
Assembly instructions (1)

STEP 1: Make measurements on the plexi visor
a) A rectangular aperture 89mm x 37mm in the center (magnifying lens will fit in here)

b) Two 3mm holes (2mm from each vertical side of aperture) for securing the plexi visor (and magnifying lens) on to Optivisor Shell

STEP 2: Cut out measurements
Cut out the rectangular magnifying lens aperture (using a sharp cutting knife – Tool B) and punch two 3mm holes (using a leather punch - Tool C) as shown by the markings (see Figure 2.).

STEP 3: Prepare Optivisor Shell (not shown)
Use flat screw driver – Tool D – to unscrew the pair of bolts and nuts on Optivisor eye section. The 3mm holes made from Step 2 will be used to attach the visor to the Optivisor in Step 5.

*Figures appearing in Assembly Instructions not drawn to scale

Assembly instructions (2)

STEP 4: Attach Velcro
Cut the Velcro strips (80 to 10mm). Attach sticky side on the (A) plexi visor and soft side to (B) the Optivisor Shell as shown in the illustrations below.

STEP 5: Assemble integrated equipment
A) Attach the plexi visor (together with the magnifying lens) into the Optivisor Shell using the pair of bolts and nuts and tighten using a screw driver.

B) Secure the plexi visor on the sides of the Optivisor Shell with the Velcro strip.

The Integrated Optivisor face shield loupe is now ready to use.