

## Camera Focus and Alignment

### 7.13.5 Camera – Positioning and Focus

The 'CCD camera' is positioned on the 'Processor board'. Whenever the 'Processor board' needs to be changed, it is important to check that the focus of the camera is still correct. For camera positioning and focus, please follow the procedure described below.

- Enter Service programs Chapter 8.2.6 'Fixation Monitoring'.
- Insert the 'Camera focus alignment gauge' (Part no. 4-0571-2310) onto the back side of the 'Ocular lens', see Figure 7-26.

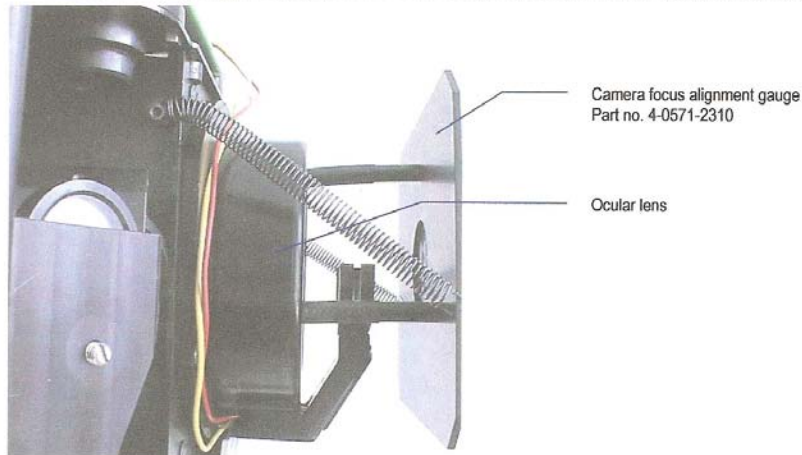


Figure 7-26

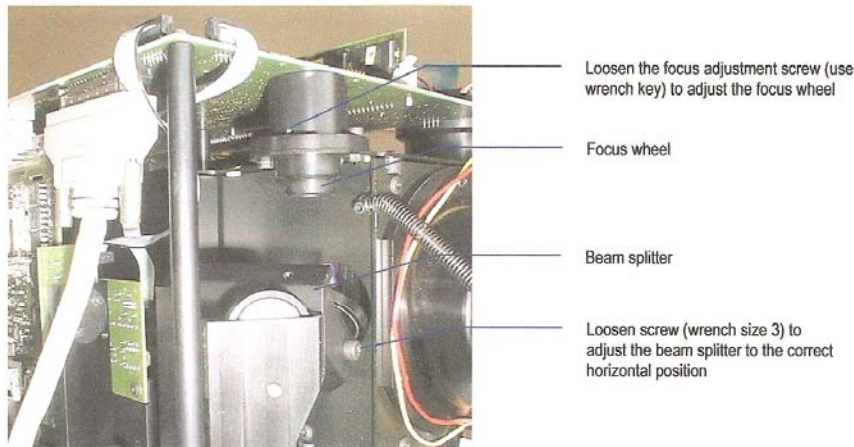


Figure 7-27

- Adjust the 'Beam splitter' so that the center of the pattern on the 'Camera focus alignment gauge' is aligned with the cross hair seen on the 'LCD screen'. Use a screwdriver (size 1) to adjust the screw on the 'Beam splitter' to the correct vertical position. Loosen screw (wrench size 3) to adjust the Beam splitter to the correct horizontal position.
- Once the position is correct, loosen the 'Focus adjustment screw' (use wrench key) to adjust the 'Focus wheel' to the correct focus.
- After the focus has been adjusted it is important to check the position once again.
- Go through the check procedure in Chapter 7.4 'Fixation Target (4-0692-1430)'
- Remount the 'Housing', darken the room and check the position and focus of the camera again.