

# ExpressScan DX & Splice Camera Focus Procedure

Use the DX & Splice Camera focus procedure to adjust the DX & Splice Camera for optimal focus. The ability to read DX codes and splice numbers depends on optimal focus and correct light levels settings.

1. Go to the Camera Calibration screen and enter the password (**987**).
2. Load a roll of 35mm film, or a roll of APS film if the scanner is APS only.
3. Press (**TEST**) to start the main camera scanning.
4. Under (**Image source**) select Splice if using 35mm film, or select DX if using APS film. This will start the DX & Splice Camera and display it's image.
5. Press the (**Advance frame**) button until a splice is displayed (35mm film), or a DX code is displayed (APS film).
6. To set the optimal focus change the F-stop of the lens to F1.2. F1.2 is all the way open.  
**Note:** If you try to focus at F4 then there is a large depth of focus and you cannot set the optimal focus.
7. Adjust the light levels with the lens set to F1.2. If focusing on DX codes, try a value of 5 for the splices lights and a value of 3 for the DX lights.
8. You can now focus the DX & Splice Camera.
9. Once the lens is in focus, change the F-stop back to F4. F4 is where the scanner should be set when scanning film.
10. Adjust the light levels for both DX and Splice reading. Follow the DX and Splice light level adjusting procedure in the scanner help file.

**Note:** When adjusting the light levels do not adjust the lights to bright. The whites of the splice should almost be a light gray and the white bars of the DX codes should also almost be a light gray. Too much light will cause the DX and Splice to misread and slow down the scanner.