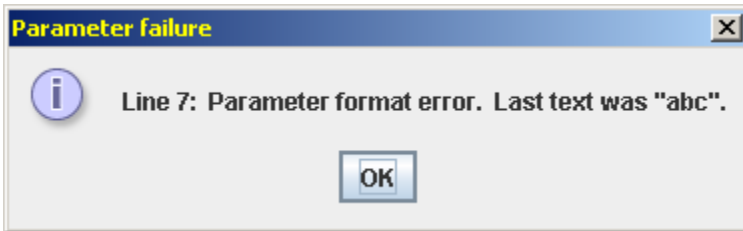


Parameter Editor (F2)

The parameter editor is used to modify the parameters that control the scanner's operation.



The parameter editor is where you adjust the exposure, scan windows, calibration fixtures, and synchronized scanning parameters. The [parameters](#) are described in a separate document.

If you click the **Open** icon, you can open a different parameter file. The default parameter file is `param.dat` in the directory from which you started JSdiag. In the Filemenu, you can use "Save as ..." to save the parameter file with a different name. Saving the parameters will first save them to disk, and then to the connected scanners. If there are errors parsing the parameters, the scanners won't use the parameters and a dialog box will display the errors in the parameters:

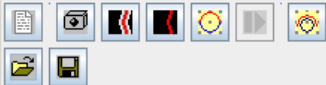


Messages will show up in the bottom right corner. Normally the current line number is displayed. When the parameters are successfully saved, "Parameters saved" is displayed until the cursor is moved.

Table 4. Toolbar Buttons

Button	Function	Hot Key
	Open File	Ctrl+O
	Save File	Ctrl+S

File Edit View About



```
# This is a lineal sharp with two zones, each comprising three scanners surrounding the log.

# Zones are used for visualizing data from groups of scanners in JSdiag.
# Zones don't affect scanner functionality.
Zone FirstZone 0, 1, 2 # In JSdiag, you see data from the first ring
Zone FirstZone 3, 4, 5 # In JSdiag, you see data from the second ring

# Encoder pulses occur on 0.00448765893792 inch intervals as the chain moves
# 24 inches of travel caused 5348 encoder pulses in JSdiag: 24" / 5348 = 0.00448765893792"
EncoderPulseInterval 0.00448765893792

# The scanners will take scans every two inches
EncoderScanInterval 2.0

# We use three trigger phases, scanners 0 and 3, then scanners 1 and 4, then scanners 2 and 5
NumberOfPhases 3

# Top scanner
TriggerPhase 0 : 0, 3

# Bottom right scanner
TriggerPhase 1 : 1, 4

# Bottom left scanner
TriggerPhase 2 : 2, 5

# A ScannerConfig block is used to configure multiple scanners at once.
# In this case, scanners 0 through 3 are all configured using the same parameters.
ScannerConfig Scanners 0, 1, 2, 3, 4, 5, 6
{
    # 0.1 milliseconds is a general minimum
    MinLaserOn 0.1
```