

TT0011

**Sheetfed Encoder Solution**

**Problem:**

Press Encoder on a Heath Sheetfed Microprocessor controlled press fails.

**Cause:**

The most common cause of encoder failure is damaged bearings. Bearings can be damaged by the drive belt tension being set too tight, which places an excessive load on the encoder bearings.

**Solution:**

Adjust the drive belt tension by loosening the encoder mounting plate and sliding the plate up or down, until the drive belt can be pushed gently, and checking the belt tension and deflection.

The belt must have approximately 3/8" deflection. This ensures the load on the encoder bearings is minimal. The belt pulleys are large enough in diameter so this amount of slack in the belt will not affect the drive to the encoder.

