

## DECREASE IN FEED RATE

### SPRING FATIGUE

Over extended periods of time and use, a spring may become fatigued and lose its ability to store mechanical energy. In this case, the spring must be replaced with a new one. If spring fatigue proves to be a problem, it is recommended that all of the springs in the feeder system are to be replaced at the same time.

TOE CLAMP

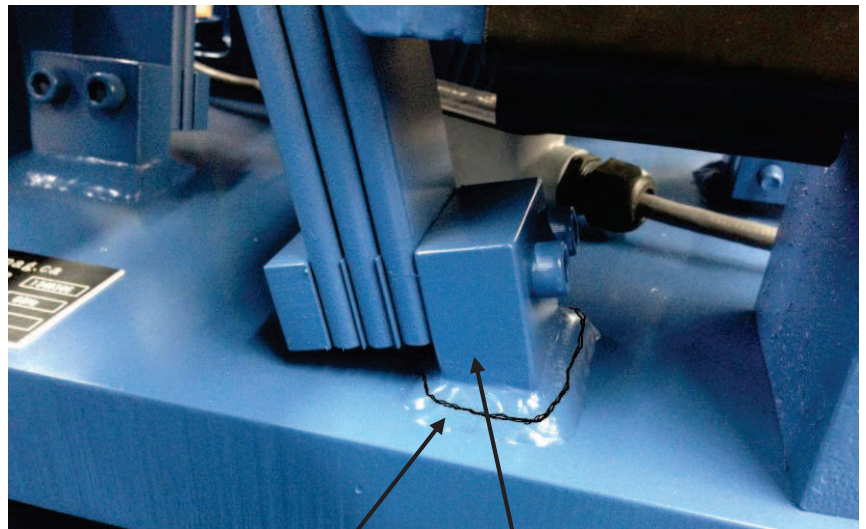
SPRING BANK



SPRING ANCHOR

### LOWER SPRING ANCHOR FRACTURE

Cracked welds around the lower spring holders and gussets will affect the feed rate of the system. After removing the springs from their holders, apply a sufficient rap with a hammer to further expose any fractures in the welds. Other methods for developing stress cracks could also be used.



FRACTURED WELD

SPRING ANCHOR