

# TUNING TIPS

## KNIFE SPRING REPLACEMENT

### REPLACING THE KNIFE SPRING

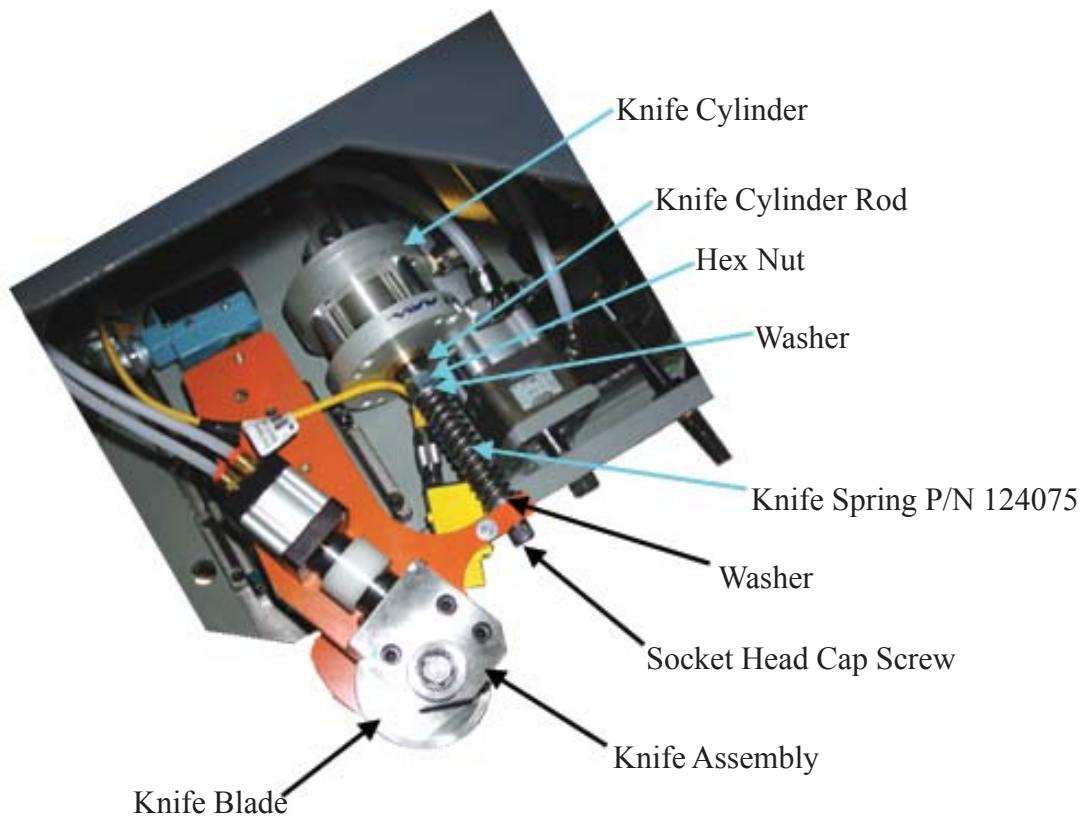


Carefully remove the knife blade before replacing the knife spring. Serious cuts could result from contact with the knife blade. Mark the position of the knife blade on the indexer so the knife can be replaced in the same position.

Using a 3/8" Allen wrench to hold the socket head cap screw at the end of the knife spring, use a 3/4" open end wrench and turn the hex nut at the opposite end of the knife spring to the left enough to release it from the knife cylinder rod. Support the knife assembly while turning the socket head cap screw to the left.

#### NOTE

Once the socket head cap screw is out of the knife cylinder rod, the knife assembly is loose and must be held in position by hand.



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Hold the socket head cap screw in position with the Allen wrench and remove the hex nut and washer at the opposite end of the knife spring. The knife spring can then be removed and replaced. Replace the washer and hex nut. Tighten the nut until a dimension of 3-1/8" is measured between the washers on either end of the knife spring.

Thread the socket head cap screw back into the knife cylinder rod until the hex nut contacts the end of the rod. Hold the socket head cap screw in position with the Allen wrench and turn the hex nut to the right to tighten it against the knife cylinder rod. Once completed, the distance between the washers should be 3-1/8".



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