



## Wright Manufacturing, Inc.

Work Inst. Name: **Spring Tool Instructions**

Inst. Number: **SVC-SWI-0029**

Revision: 01

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Related Document: SVC-TSB-0049

This tool is designed to assist in maintaining compression on the tension spring to allow free movement of the idler arm for removal or servicing. It will work on all drive belt idlers and some of the cutter deck idlers. This tool is not necessary when changing or removing belts and

Part number: **93490010**



The instructions are for all pump drive idler arms using blue die spring. Keep in mind that the tool will work on some but not all cutter deck idlers.

- Secure machine
- Remove necessary covers to gain access to work area (deck covers and/or pump pulley cover)
- Use ½" breaker bar on idler arm, relieve belt tension and remove belt.
- Using breaker bar again, compress spring completely and install spring tool (**Fig. 1,2,3**)



**Fig.1**



**Fig. 2**



**Fig. 3**

- Allow idler arm to move back. Remove spring. The idler arm can now be easily removed by removing the idler arm mounting nut and bolt
- Reinstall idler arm and spring. When reinstalling, it is best to align and install the spring before tightening the idler arm mounting nut and bolt
- Reinstall belt
- Reinstall deck covers and/or pulley covers

## Revision Table

Name	Date	Reason for Changes	Version
Ed Wright	N/A	Initial Release	00
Chris Sturtz	2/27/15	Format Update	01