



# The Service Group



MAY 2010 SHODA SAFETY TECHNICAL BULLETIN

Hello All,

Hope all is going well.

We've been working with Shoda parts and Service since 1989; please let us know if you would like help from TSG with your Parts and Service needs for your Shoda Routers.

We can handle all your machine needs.

## **Subj: SAFETY ITEM FOR ALL SHODA MACHINES**

On the majority of Shoda Routers, the Z axis is held up by a lock pin during shut down and removal of power and air from the machine. Unfortunately human error and mechanical failure occur more often than not. The most frequent failure with the Z axis is caused by leaving the machine powered on with no E stop set; somebody turns off the air compressor and or the air system fails and the Z axis crashes to the table causing damage to the motors, Z axis and or Z axis servo motor. TSG has come up with a fix that has already saved one company an expensive repair bill during a catastrophic air system failure.

**FIX:** TSG has designed a low pressure air alarm kit that can be installed on any machine that will automatically sound an alarm before the air is within a danger zone for the machine, automatically set the E stop so that the Z axis servo motor is protected from damage and the Z axis is protected from Crashing to the table even if personnel are away from the machine. **Please contact TSG for more information.**



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