

TECH TIPS
MODEL 410S, 612, & 1012 GUARD PRESSURE SWITCH
FIELD LEVEL RETROFIT

1. Place wood blocking between guard and table top.
2. Shut off electrical power and compressed air supply to saw.
3. Remove 3/8" air hose from top of guard cylinder. Remove street ell with barb fitting from top cylinder port.
4. Install air switch adapter in top cylinder port. Screw street ell with barb fitting in to air switch adapter. Reinstall 3/8" air line.
5. Insert air switch into adapter and secure with c-clip.
6. Remove both orange 5/32 air lines from mechanical switch on guard side. Remove mechanical switch.

Re-route the two orange 5/32 air lines along the top port 3/8" air line and plug the two 5/32 lines into the 2 ports on the pressure switch.

THEORY OF OPERATION

The original mechanical air switch on the guard side would contact the workpiece when the guard clamped. It would then send a signal making the blade move up.

The guard cylinder air switch accomplishes the same thing by sensing the pressure drop in the non-rod end of the guard cylinder when the guard clamps.

Northfield Foundry & Machine Co
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UPPER GUARD PRESSURE SWITCH OPTION ASSEMBLY

1. PWSB 1337-080049
2. C-CLIP
3. PWSP111 80798

