

Adjusting a Stall Alarm

- Remove the DIN electrical connector from the pressure switch.
- Insert a 3/32" Allen wrench in the DIN connector retaining screw hole.
 - Turn the Allen screw at the bottom of the hole to raise and lower the pressure setting of the switch.
 - Counter clockwise lowers the pressure setting of the switch. Clockwise raises the pressure setting of the switch.
- Remove the retaining screw from the DIN connector.
- Place the DIN connector back onto the pressure switch.
- Start the auxiliary engine.
- Take the engine to 2000 rpm.
- Hold the main broom up switch to stall out the hydraulic system while maintaining the 2000 rpm.
- If the stall alarm does not come on, use the Allen wrench, while the DIN connector is on, to turn the Allen screw counter clockwise until the alarm comes on. Once the alarm is on turn the screw clockwise until the alarms just goes off.
- If the stall alarm is on then turn the screw clockwise until the alarm just goes off.
- Remove the Allen wrench and replace the DIN retaining screw.

This procedure sets the alarm at just slightly higher pressure than the pressure relief valve while the engine is at 2000 rpm. When the engine is at operating speeds the alarm will activate when the elevator is stalled. In normal operation it is not uncommon to have the alarm make a "chirp" like sound when the main broom up/down function is activated and stalled at the end of the cylinder stroke.