

**OPERATING INSTRUCTIONS**March 15, 2008  
Lit. No. 49482, Rev. 00**⚠ WARNING**

To prevent accidental movement of the blade, always turn the ON/OFF switch to OFF whenever the snowplow is not in use. The control indicator light will turn off.

1. Turn the vehicle ignition switch to the ON or the ACCESSORY position.
2. Move the slide switch on the side of the control to the "ON" position. The control ON/OFF indicator light glows red, indicating the control is on. The indicator light glows red whenever the control and the vehicle ignition switch are both ON and the electrical connections to the snowplow are completed.

The ON/OFF switch operates as an emergency stop if required.

**Function Time Outs**

All control functions, except LOWER/Float, time out (stop) automatically after a period of time. This is to limit the amount of electrical energy required from the vehicle.

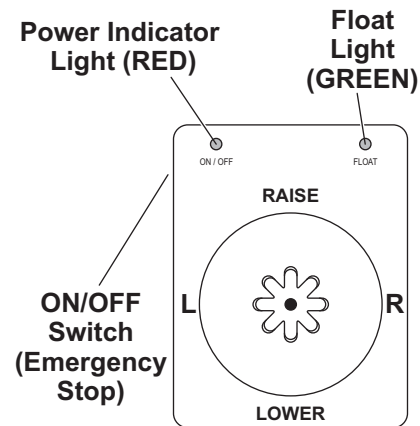
The control's time out period for the RAISE and angle functions are 3.5 seconds.

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**NOTE: If control function times out before desired blade movement is complete, release the lever to the center position, then move back into the desired function.**

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The control will automatically turn OFF after being idle for 20 minutes. To reactivate the control after a shut down, move the ON/OFF switch to OFF, then back to ON.

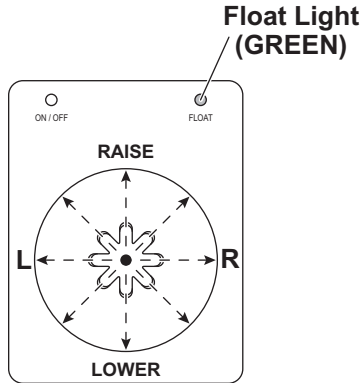
**Smooth Stop**

The control automatically allows the blade to coast to a stop when the lever returns to center position. This results in smoother operation, reduces shock to the hydraulic system and increases hose and valve life.

**Control Lever Movement**

From the center position, the control lever can be moved in one of eight (8) directions to control various movements of the snowplow blade. To change from one movement of the blade to another, the control lever must be moved back to the center position before selecting the desired function. Whenever the lever is released, it should spring back into the center position to stop any blade movement.

**Control Functions**



**Raise, Lower, Float, Angle**

Movement of the control lever in straight lines up and down or from side to side on the control body will result in the following blade movements:

Function	Description of Operation
<b>RAISE</b>	Move control lever toward top of control body to raise snowplow and cancel FLOAT mode. Function times out after 3.5 seconds.
<b>LOWER</b>	Move control lever toward bottom of control body to lower snowplow. Release lever to stop blade at desired height.
<b>FLOAT</b>	Move control lever to <b>LOWER</b> position and hold for 3/4 second to activate this mode. FLOAT indicator light in upper right corner of control face will illuminate. Blade will lower to ground surface and follow contour of surface as it dips or raises. Function does not time out; however, control will shut down after 20 minutes of nonuse. Move lever to <b>RAISE</b> position momentarily to cancel FLOAT. FLOAT will continue during Angle Left and Angle Right functions if not interrupted by Raise function.
<b>L</b> (Angle Left)	Move the control lever left to angle left position. Function times out after 3.5 seconds.
<b>R</b> (Angle Right)	Move the control lever right to angle right position. Function times out after 3.5 seconds.

**NOTE: If control function times out before desired blade movement is complete, release the lever to the center position, then move back into the desired function.**

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