



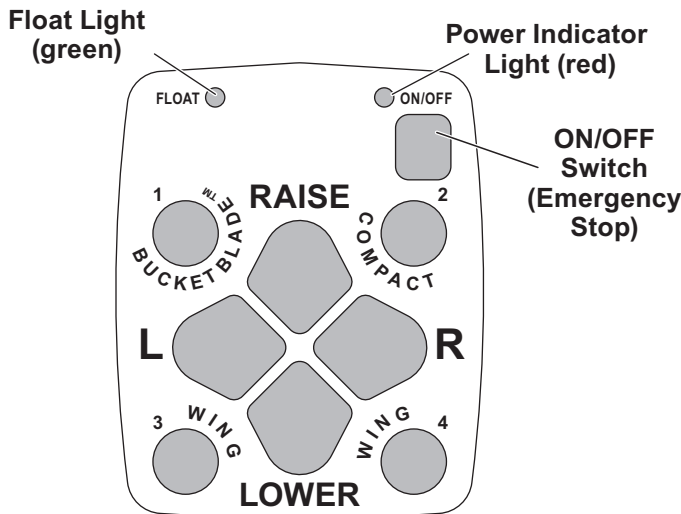
CONTROL KITS

POWER PLOW® POWER GRIP™ Hand-Held Control

OPERATING INSTRUCTIONS

⚠ 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. Press the ON/OFF switch on the control. The control 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.

NOTE: If control function times out before desired blade movement is complete, release button and press again.

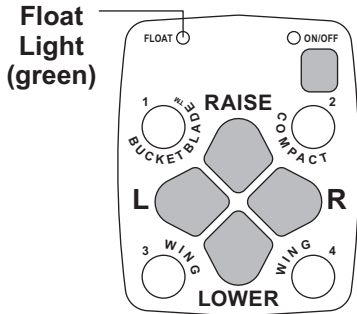
The control will automatically turn OFF after being idle for 20 minutes.

Smooth Stop

The control automatically allows the blade to coast to a stop when the button is released. This results in smoother operation, reduces shock to the hydraulic system and increases hose and valve life.

Control Functions

Raise, Lower, Float, Angle

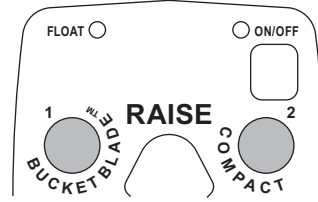


The four diamond-shaped buttons in the center of the control face, when pressed, will result in the following blade movements:

Function	Description of Operation
RAISE	Press this button to raise the snowplow and cancel the FLOAT mode. Function times out after 6.25 seconds.
LOWER	Press this button to lower the snowplow. Release the button to stop blade at desired height.
FLOAT	Press the LOWER button and hold for 3/4 second to activate this mode. The FLOAT indicator light in the upper left corner of the control face will illuminate. The blade will lower to the ground surface and follow the contour of the surface as it dips or raises. Function does not time out; however, control will shut down after 20 minutes of nonuse. Press RAISE button momentarily to cancel FLOAT. Angling left or right will interrupt (stop) FLOAT function, but FLOAT will resume when angling is complete.
L (Angle Left)	Press the L button to move the blade to the angle left position to cast snow to the driver's left side. Function times out after 4.5 seconds.
R (Angle Right)	Press the R button to move the blade to the angle right position to cast snow to the driver's right side. Function times out after 4.5 seconds.

NOTE: If control function times out before desired blade movement is complete, release the button and press again.

BUCKET BLADE™ / COMPACT Blade Position

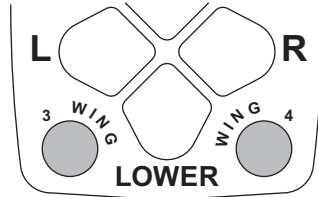


The two round buttons located to the left and right of the RAISE button move both wings at the same time into the following blade positions:

Function	Description of Operation
BUCKET BLADE	Press this button to extend both wings forward into the BUCKET BLADE position. Function times out after 7.25 seconds
COMPACT	Press this button to draw both wings into the fully retracted position. Function times out after 5.5 seconds.

Wing Positions

The two round buttons located to the left and right of the LOWER button move either wing independently of the other as described below.



Function	Description of Operation
L WING	Press the round WING button on the left side of the control to move the left wing. The first time the button is pressed after the control is turned ON or another function is used, the wing will extend. Repeated use of the same button, without using another function, results in movement in the opposite direction from the previous movement. Function times out after 4.5 (IN) or 4.5 (OUT) seconds.
R WING	Press the round WING button on the right side of the control to move the right wing. The first time the button is pressed after the control is turned ON or another function is used, the wing will extend. Repeated use of the same button, without using another function, results in movement in the opposite direction from the previous movement. Function times out after 4.5 seconds.

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