

# Installation Instructions

## Part No. 22690 Pistol Grip Controller

### Installation & Operation

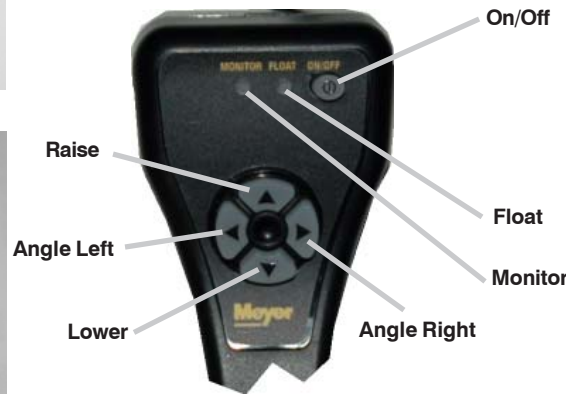
#### INSTALLATION INSTRUCTIONS

When installing motor solenoid part number 15370 (per form number 1-841) or If motor solenoid is already installed on the vehicle, the enclosed diode part number 15059, must be connected to the small terminal with white wire of the motor solenoid and to the motor solenoid mounting bracket as shown below. **Note: Motor Solenoid must have a good ground in order to operate properly.** The 22717 control adapter shown below is only needed when replacing a 22154 Touchpad. The orange wire of the adapter can be connected to the orange wire on the back of the plow light switch. The plow light switch could then be removed along with the black and red wires which were connected to the plow light switch. When the controller is turned on it will activate the snow plow lights. When the controller is turned off or removed from the harness this will activate the vehicle headlights.

4 Post Motor Solenoid



3 Post Motor Solenoid



#### SNOW PLOW CONTROLLER OPERATION

#### Imprinted on backside of Controller

Systems Monitor LED Read-Out Light Flashes Check Coil (wire Color)
Continuous Light----Motor Solenoid
1 Light Flash----Red
2 Light Flashes----Black
3 Light Flashes----Green
4 Light Flashes----Yellow
5 Light Flashes----Lt. Blue
6 Light Flashes----Purple

The snow plow should only be in operation when the vehicle ignition switch and the control switch are in the "ON" position. Care should be taken to insure that the control switch is kept dry and free from moisture during normal operation.

When the control switch is turned "On," lights illuminate the location of the individual touch pads for the functions of the snow plow: (Up), (Angle Left), (Angle Right) and (Down).

Lowering of the snow plow an inch at a time is possible by tapping the down arrow in short intervals. Holding down the down arrow will activate a float light located in the upper right corner of the control switch. This light indicates the snow plow is now in the Lower/Float position. In this position the snow plow will be able to follow the contour of the road and the snow plow can also be angled to the left or right. Touching the up arrow automatically cancels the Lower/Float position.

While angling left or right or raising the snow plow if the button is pressed for more than four seconds the operation will be cancelled. This feature eliminates unnecessary amp draw from the vehicle charging system.

This switch is self diagnosing. The monitor light is located in the upper left corner next to the float light of the control switch. When the monitor light turns on and begins to flash the control switch is sensing a problem with a specific coil/connection on the hydraulic unit. The label below is on the back side of your control switch.

Reset is accomplished by turning off the ignition switch or by turning the power switch off momentarily and then back on. If the monitor light is still illuminated after attempts to reset the switch have failed, contact your nearest authorized Meyer Distributor for repairs.

**Meyer Products LLC assumes no responsibility for installations not made in accordance with these instructions.**

Meyer Products LLC reserves the right, under its continuing product improvement program, to change construction or design details, specifications and prices without notice or without incurring any obligation.

Meyer Products LLC  
18513 Euclid Ave. • Cleveland, Ohio 44112-1084  
Phone 486-1313 (Area Code 216)  
email warranty@meyerproducts.com

Meyer New England  
#6 Angell Lane • Damariscotta, ME 04543-9720  
Phone 563-2227 (Area Code 207)  
www.diamondplow.com • email info@diamondplow.com