

Installation Instructions

Part No. 22690X Pistol Grip Controller

Installation & Operation

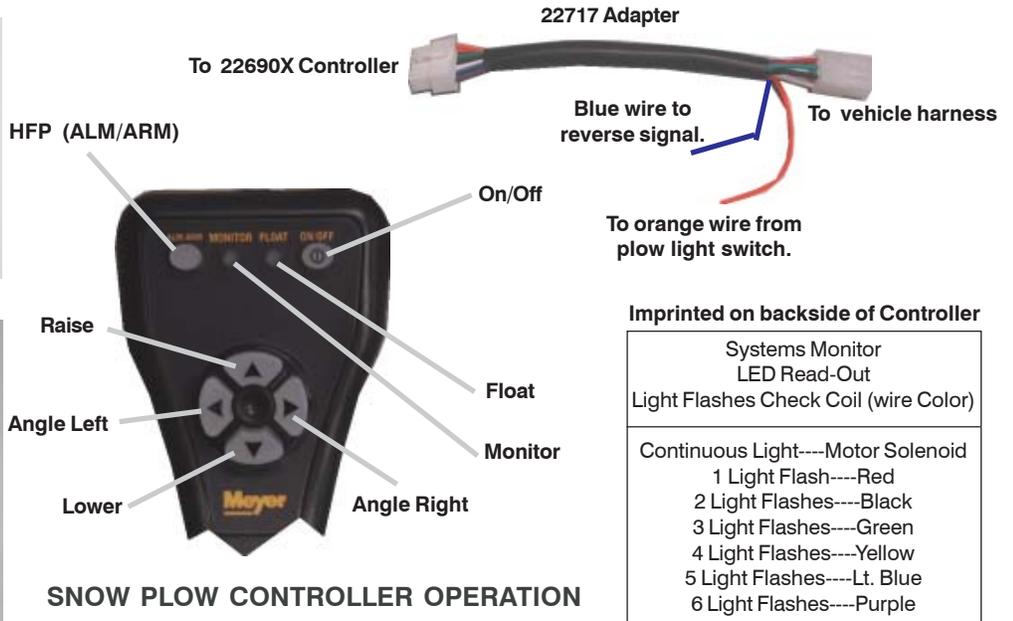
INSTALLATION INSTRUCTIONS

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



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.

Hands-Free Plowing or ALM/ARM

Meyer re-branded the ALM/ARM feature on its 22690X controllers to be Hands-Free Plowing (HFP)™. When activated, the Hands-Free Plowing (HFP) mode uses the vehicle's shift lever to control the up/down movement of the moldboard. Pressing the HFP button on the controller will toggle you through: On/Off, Back-drag Mode (default mode when active), and Forward Plowing Mode.

Back-dragging Mode or ALM

When the controller is on and you are in the conventional plow control mode, pressing the HFP button will activate Hands-Free Plowing (HFP). The default mode for HFP is the Back-drag Mode. In the Back-drag Mode, the moldboard will automatically lower when you put the vehicle in reverse. Put the vehicle in drive to automatically raise the moldboard.

Forward Plowing Mode or ARM

To activate the Forward Plowing Mode when HFP is already on, press the HFP button once. The moldboard will automatically lower when you put the truck into drive. When you reach the end of a run, the moldboard will automatically raise when you put the vehicle in reverse.

To turn the HFP feature off, press the HFP button until you see the HFP light go off.

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.

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