

Installation Instructions

Part No. 22790X Joy Stick DLX Controller

Installation & Operation

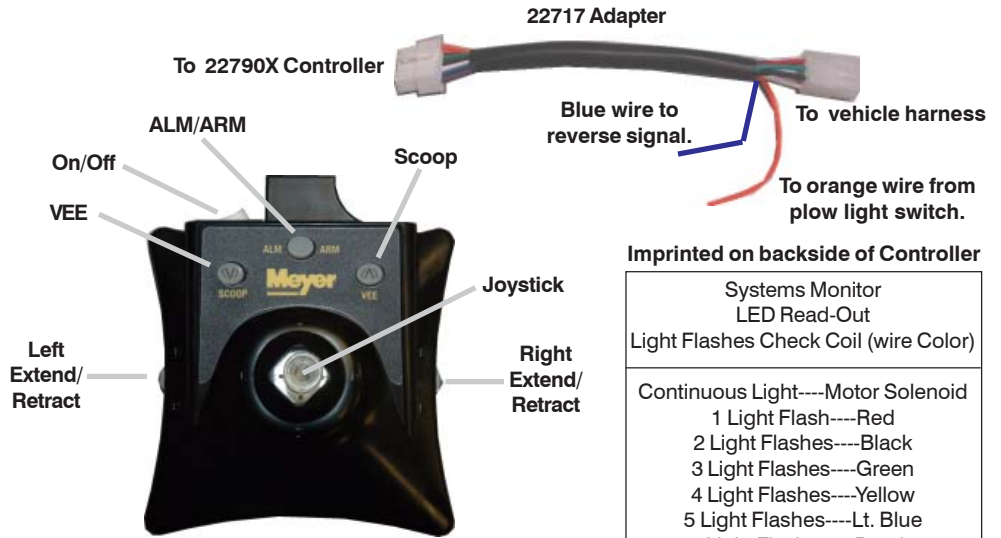
INSTALLATION INSTRUCTIONS

When installing motor solenoid part number 15370 (per form number 1-883) or if motor solenoid is already installed on the vehicle, the enclosed diode part number 15059, must be connected to the small terminal 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



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

SNOW PLOW CONTROLLER OPERATION

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," green lights illuminate the location of the individual buttons for the functions of the snow plow: Scoop (V only), Vee (V only). The Joystick will illuminate white and will turn green during the following functions: Up, Angle Left, Angle Right and Down. Sliders on either side of the Joystick will operate: Left Extend (V only), Left Retract (V only), Right Extend (V only), Right Retract (V only). This switch has an auto detect feature which allows it to operate either the E-58H or V-68 unit.

Lowering of the snow plow an inch at a time is possible by tapping the down on the Joystick in short intervals. Holding down the Joystick will activate float and the Joystick will illuminate blue. This blue 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. Pushing the Joystick up automatically cancels the Lower/Float position.

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

The auto lower button (ALM) when pressed will illuminate the Joystick amber and allows the plow to lower automatically when the vehicle is shifted into reverse and raise automatically when shifted out of reverse. To turn off the auto lower mode simply press the auto lower button twice again until the Joystick illuminates white.

The auto raise button (ARM) when pressed twice will illuminate the Joystick purple and allows the plow to raise automatically when the vehicle is shifted into reverse and lower automatically when shifted out of reverse. To turn off the auto raise mode simply press the auto raise button again until the Joystick illuminates white.

This switch is self diagnosing. The Joystick will illuminate red and begins to flash when the control switch is sensing a problem with a specific coil/connection on the hydraulic unit. The diagnostic label 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 Joystick is still illuminated red after attempts to reset the switch have failed, contact your nearest authorized Meyer Distributor for repairs.

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

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