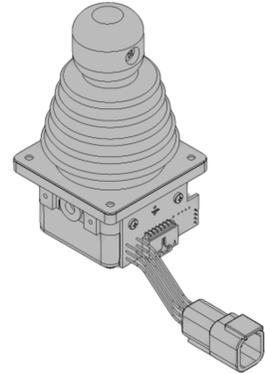


Installation Instructions

Model 44 – Hall Effect Joystick

These are the basic installation instructions for the Model 44 Series of Hall Effect joystick controllers. Additional information can be obtained by contacting the manufacturer or reseller of these joysticks.

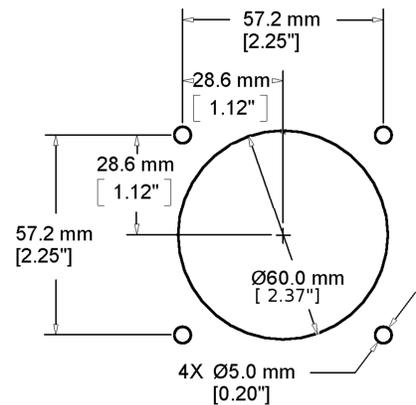


Panel Mounting

- The joystick shall be mounted into a control panel in a manner that allows the rubber boot to act as an environmental seal.
- Position the joystick so that the hand grip mounting screw is located on the right-side of the joystick as viewed from the operator's position.

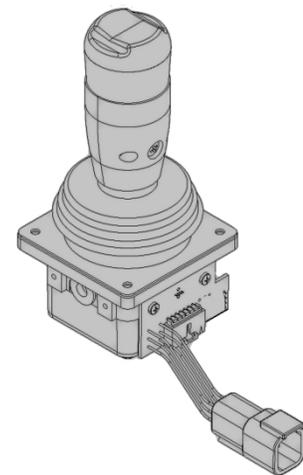
Electrical Connection

- Connect either the 7 position flat connector or the 6 position rectangular connector as required. Both connectors are "live" but should NOT be used at the same time. Make only one electrical connection per joystick.



Connector Pin Outs

Flat Connector	Rectangular Connector
1. Spare (Marked with arrow)	1. Ground
2. Ground	2. +5V IN
3. +5V IN	3. X OUT
4. X OUT	4. Y OUT
5. Y OUT	5. Rocker OUT
6. Rocker OUT	6. Spare
7. Spare	



Calibration Procedure

- Joysticks are preprogrammed at the factory for the intended application. However, the joystick should be calibrated per the machine manufacturer's instruction prior to use. Consult the machine manufacturer's service or operator manual for the joystick calibration procedure.
- For certain Genie^{®i} Lifts see the calibration procedure on the back of this page.

Genie®ⁱ Lift Calibration procedure

1. Pull out the Red Emergency Stop Button found on the ground and platform control panels.
2. Turn the 'Ground/Off/Platform' keyswitch to Platform. Do NOT start engine.
3. Unplug joystick to be calibrated from wiring harness. Wait for 10 seconds or until alarm sounds.
4. Reconnect the wiring harness to the joystick.
5. Move the joystick fully in one direction and hold in place for 5 seconds.
6. Return joystick to return to the neutral position briefly.
7. Move the joystick fully in the opposite direction and hold in place for 5 seconds.
8. Return joystick to return to the neutral position briefly.
9. Successfully calibration is indicated by the alarm sounding.

This procedure must be done for each axis of movement; forward & backward, side to side, and thumb steer rocker.

ⁱ Genie® is a registered trademark of Terex Corporation.