

PROCEDURE - SLEW POT POTENTIOMETER ZERO ADJUSTMENT

USING GRAPHIC CONSOLE FOR ZERO-SETTING OF SLEW POT POTENTIOMETER

The zero setting consists of defining zero-point offset. The zero point offset is added to the transducer measurement to calculate the real physical pressure or force.

To define the zero-point or the slew potentiometer the super structure must be positioned so the boom is in the zero degree position over the front and the house lock pin engaged.

ACTIVATING THE ZERO-SETTING FUNCTION

To activate the zero-setting Function, press the INFO key on the console to activate the INFO Function. Now press the CTRL key. At this point, a five digit Authorization Number must be entered. Only authorized personnel may adjust the zero-point settings.

Example: 6 4 3 5 6

Press "Return"

ZERO-SETTING THE TRANSDUCER INPUTS

Now, having successfully entered a valid password, the piston-side zero-point setting function is activated.

Press return two times to display the slew adjustment screen.

The display shows a scale from -5 to +5 degree, a horizontal mark shows the current position of the slew pot wiper.

By pressing the "+" and "-" keys simultaneously, the zero setting occurs automatically. Note: The indicator line will move to zero on the bar graph.

When the operator is finished, pressing the EXC or INFO key returns the console display to normal.