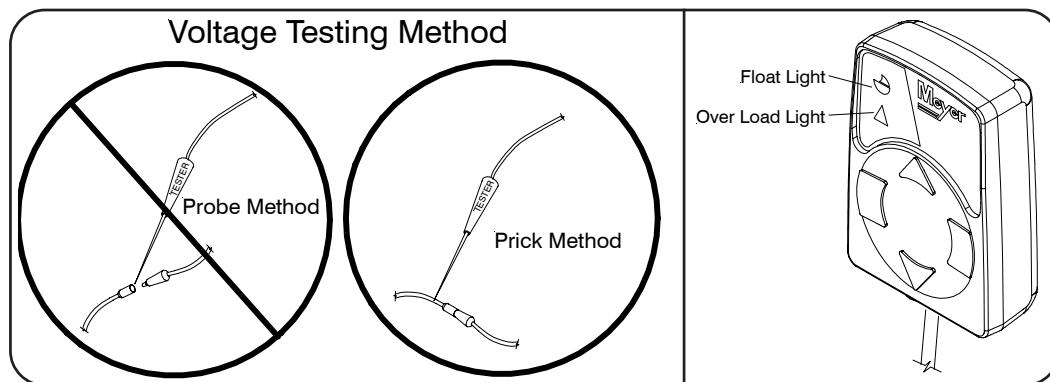


SERVICE BULLETIN NO. 187

Trouble-shooting of new designed Touch Pad part number 22154

Under Meyer Products continuing Products Improvement Program, the 22154 Touch Pad has been redesigned. The Touch Pad now has raised buttons and its circuitry has been changed from analog to digital. The new Touch Pad functions have not changed. This Touch Pad will not operate without the (orange) ground wire being connected to the negative terminal of the battery as per the installation instructions (1-690 & 1-759). For troubleshooting at the solenoids do not disconnect wires to check for power, prick the wire through the insulation for testing. The new Touch Pad knows when a short or an open connection occurs and will go into overload mode for the function being activated. If the switch is still in the overload mode after finding and correcting the problem reset the Touch Pad by turning the switch on and off.



Trouble	Solution
No Lights and/or Functions	Check Touch Pad plug connection Check Fuse & voltage (will not function under 8.5 volts) Check Orange wire on harness (part no. 15764) to battery ground Check Touch Pad on/off rocker switch (part no. 22241) Replace Touch Pad
Overload light on when turned on	Cycle on/off switch and try again Replace Touch Pad
Overload light on when lower button pushed	Cycle on/off switch and try again Check Touch Pad plug connection Check one piece plug (part no. 07240) on MDII only Check "A" coil (part no. 15659) and black wire connection at hydraulic unit Replace Touch Pad
Overload light on when left button pushed	Cycle on/off switch and try again Check Touch Pad plug connection Check one piece plug (part no. 07240) on MDII only Check Motor Solenoid (part no. 15370) Replace Touch Pad
Overload light on when raise button pushed	Cycle on/off switch and try again Check Touch Pad plug connection Check one piece plug (part no. 07240) on MDII only Check Motor Solenoid (part no. 15370) Check "B" coil (part no. 15382) and red wire connection at hydraulic unit Replace Touch Pad
Overload light on when right button pushed	Cycle on/off switch and try again Check Touch Pad plug connection Check one piece plug (part no. 07240) on MDII only Check Motor Solenoid (part no. 15370) Check "C" coil (part no. 15430) and green wire connection at hydraulic unit Replace Touch Pad

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

Meyer Products and 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.