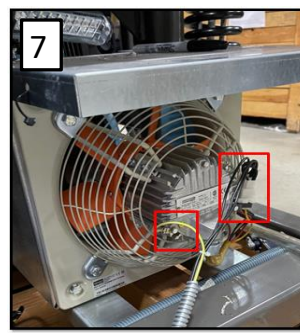
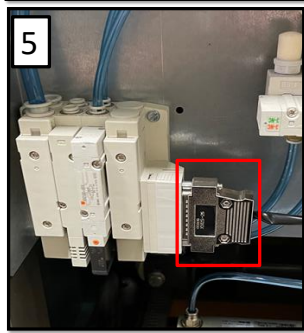
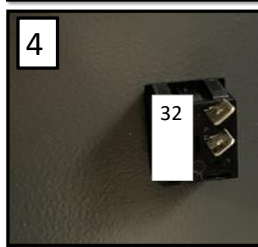
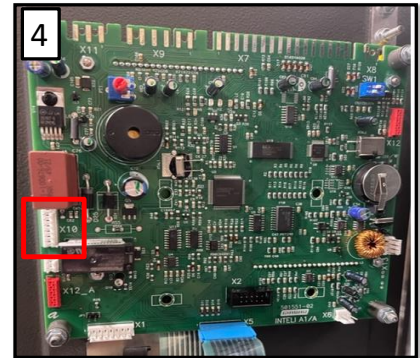
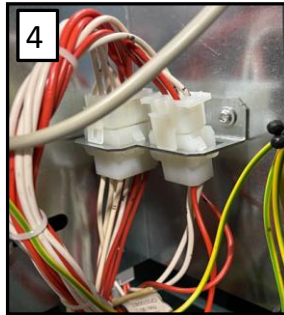
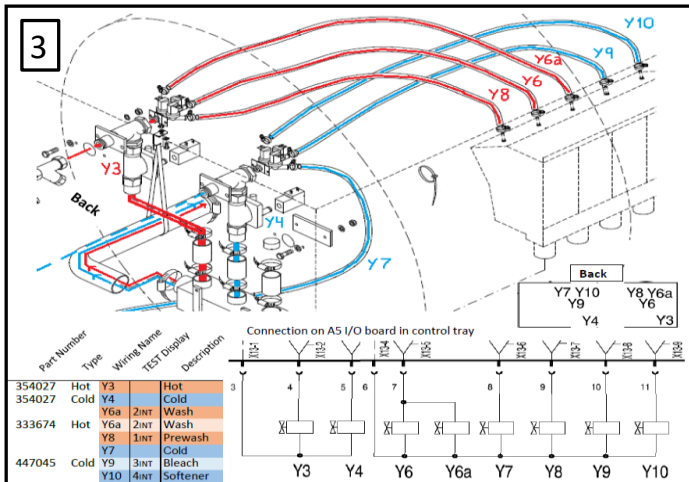


EH255 Inverter Installation



Machine Series	Process	Time Element	2 people, 3 hours/ person	Issue Date / Rev	10/31/2022
Symbols	Step#	WORK STEP	Symbol	INSPECTION / ACTION	MATERIAL OR TOOL USED
	1	Carefully lift the inverter enclosure into place. The inverter weighs in excess of 200 pounds so make sure you lift appropriately.			
SAFETY	2	Remove the 2x4 brace and secure the enclosure to the frame of the machine			
HOT	3	Route the water valve wire harness to the water valves. Ensure they are properly connected to the water valves. Secure wire harness with zip ties.			
PINCH	4	Route the power switch, communication, and the two Molex through the track to the front of the machine. Connect plug/ wires to applicable locations. Connect wire 32 and 37 to the power switch. Connect communication harness to plug X10 on the A1 board. Secure the Molex plugs to the mounting bracket. Connect the male Molex plug			
Safety Equipment	5	Route the communication cable to the pneumatic actuator. Connect cable to the actuator.			
Safety Glasses	6	Knock out an additional hole on the motor electrical enclosure. Install strain reliefs to the motor. Route the motor wire harnesses to the motor and make your connections. Install the brown and white klaxon wires to the connector.			
Safety Shoes	7	Route wire harness to the motor fan motor. Connect the Molex plug. Connect the ground cable			



EH255 Inverter Installation



Machine Series	EH	Process	Time Element	Issue Date / Rev	
Symbols	Step#	WORK STEP	Symbol	INSPECTION / ACTION	MATERIAL OR TOOL USED
	8	Connect all connectors on the A5 and A6 boards.			
	9	Verify the dip switch settings on the inverter. Adjust dip switch settings if needed.			
	10	Load the GMP Tool onto a laptop that has Windows 10 on it. The GMP Tool is located on the jump drive. The computers firewalls must allow you to install the GMP Tool. Connect the Serial/Comm board to the microprocessor. Connect the A to B cable from the computer to the Serial/ Comm board and follow the prompts on the computer to download the firmware.			
	11	Download and verify inverter parameters.			
	13	Test the functionality of the machine			
	14	Install panels			