



SERIES 4000 OVERHEAT INDICATORS
PUMP & POWER TAKEOFF OVERHEAT MONITOR

**** INSTALLATION INSTRUCTION MANUAL ****

**** topics ****

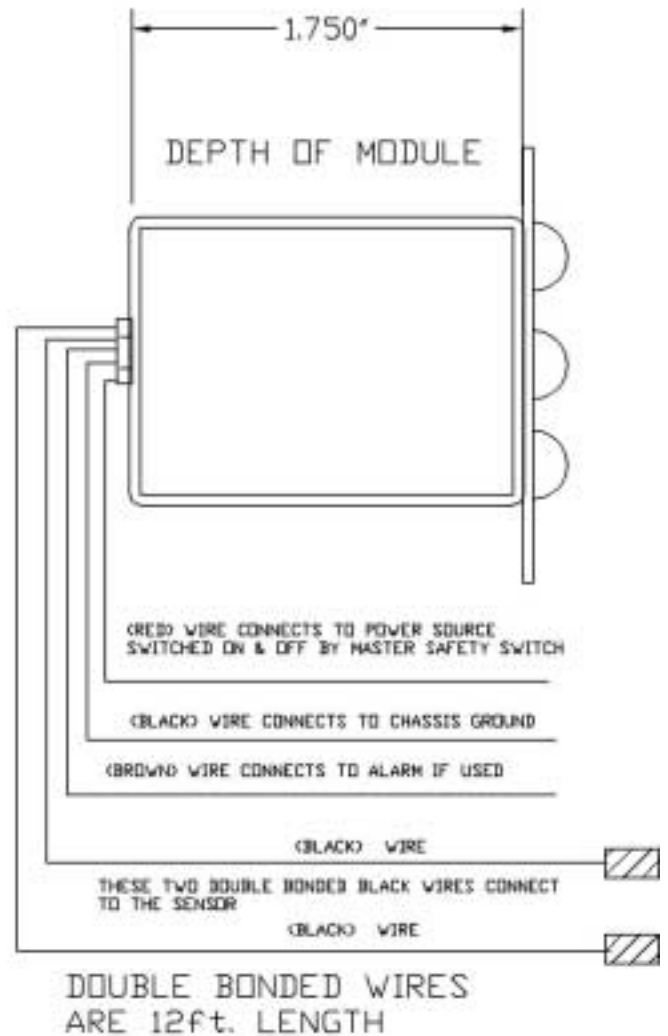
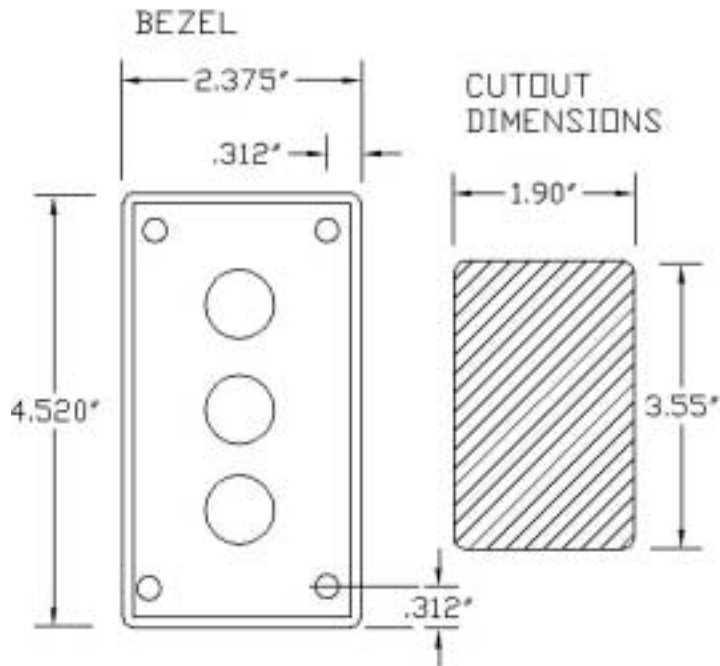
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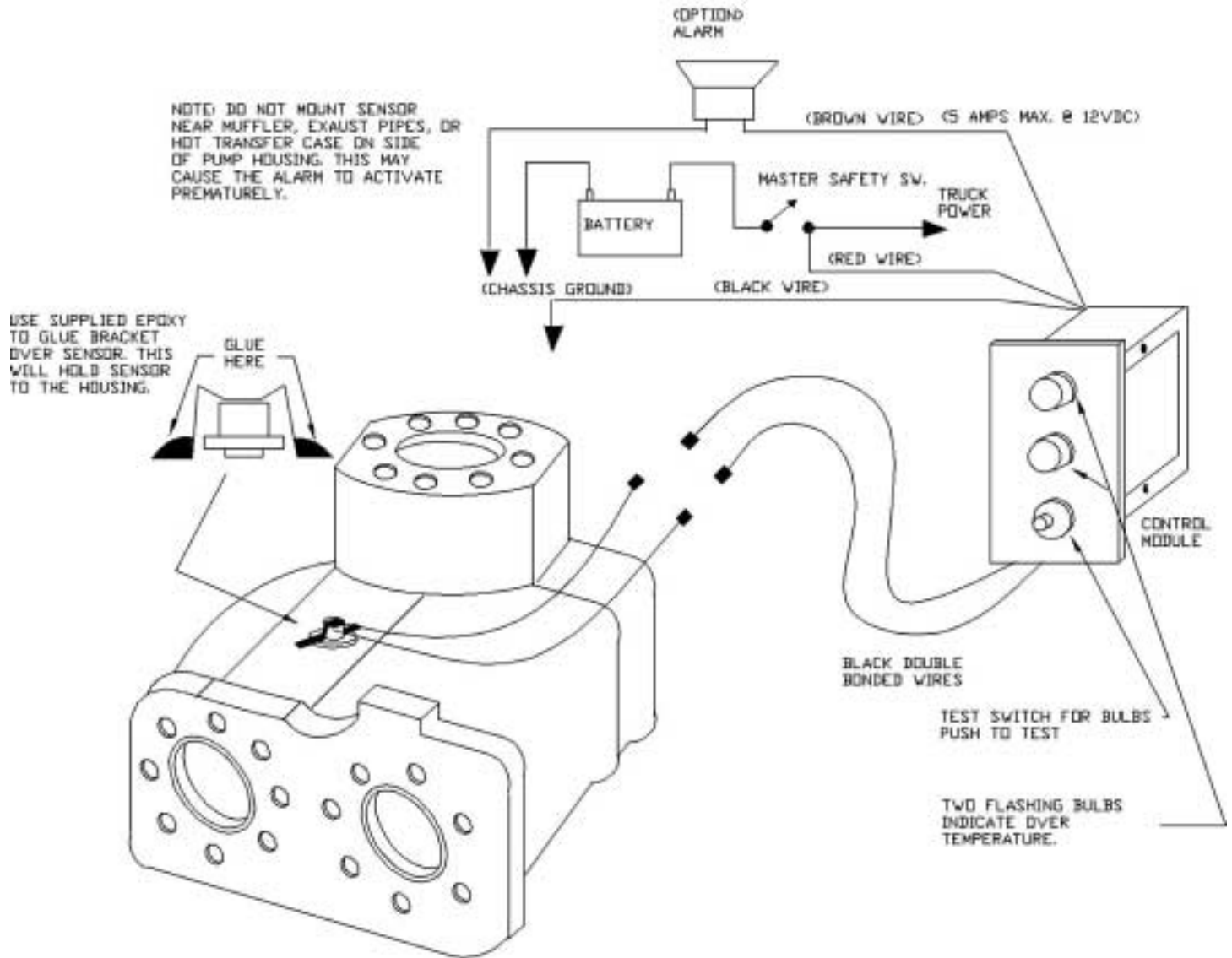




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****WIRING & SENSOR MOUNTING DIAGRAMS****

12 OR 24-VOLT SYSTEMS NEGATIVE/POSITIVE GROUND





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****SENSOR INSTALLATION****

*****DO NOT MOUNT THE SENSOR NEAR MUFFLER, EXHAUST PIPES, OR HOT TRANSFER CASE SIDE OF PUMP HOUSING. THIS MAY CAUSE THE ALARM TO ACTIVATE PREMATURELY.*****

- CRIMP THE (2) SUPPLIED FEMALE INSULATED CONNECTORS TO THE ENDS OF THE BLACK DOUBLE BONDED WIRES ON THE DISPLAY.
- SELECT A FLAT AREA ON THE PUMP HOUSING THAT WILL NOT BE AFFECTED BY EXTERNAL HEAT SOURCES.
- CLEAN THE AREA WITH DENATURED ALCOHOL OR AN APPROPRIATE SOLVENT TO REMOVE ALL DIRT, OIL, ETC.
- MIX THE EPOXY THOROUGHLY; THE WORK TIME IS BETWEEN 3 – 5 MINUTES AT 75° F.
- APPLY THE EPOXY TO THE SENSOR BRACKET TABS ONLY AND HOLD THE BRACKET IN PLACE FOR ABOUT 5 MINUTES TO SET.
- SECURELY CONNECT THE INSULATED MALE CONNECTOR ON THE SENSOR TO THE FEMALE INSULATED CONNECTORS ON THE DISPLAY.
- TO INSURE PROPER INSTALLATION, PUSH THE TEST SWITCH TO TEST THE LIGHTS. THE INDICATORS SHOULD ACTIVATE WHEN THE SENSOR REACHES APPROXIMATELY 120°F +/- 5°.

**** PUMP & PTO OVERHEAT INDICATOR OPERATION****

THE PUMP & PTO OVERHEAT DISPLAY IS CONNECTED TO A TEMPERATURE SENSOR ATTACHED TO THE PUMP OR PTO HOUSING. IF THE TEMPERATURE AT THE SENSOR REACHES 120° F (+/- 5°) , THE SENSOR WILL CLOSE CAUSING TWO BULBS ON THE INDICATOR TO FLASH INDICATING THERE IS AN OVERHEATING PROBLEM. ALSO, AN ALARM, IF USED, WILL SOUND AT THE SAME TIME FOR AN AUDIBLE ALERT THAT THERE IS AN OVERHEATING PROBLEM.

THERE IS A “PUSH TO TEST” SWITCH ON THE FRONT OF THE INDICATOR. WHEN PUSHED, THE TWO BULBS ON THE FRONT OF THE INDICATOR WILL



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FLASH AND THE ALARM, IF USED, WILL SOUND. THIS INDICATES THAT POWER IS APPLIED TO THE UNIT AND THE BULBS AND ALARM ARE FUNCTIONING PROPERLY.