Galaxy Nozzle Heater & Thermocouple Replacement Instructions

Step 1
a) Turn off power to manifold(s) and nozzle(s).
b) Retract injection unit to disengage machine nozzle contact with mold.
c) Open mold.

WARNING
All mold plates may retain high heat that could cause burns without proper protection.

d) Remove all parting line S.H.C.S. that attach the “A” plate to the manifold/nozzle plate.

Step 2
a) Deactivate ejection mechanism.
b) Close mold slowly.
c) Latch “A” plate to movable side.
d) Slowly open mold separating “A” plate from manifold/nozzle plate.

Note:
Be careful not to damage nozzle tip and seal off area when removing or replacing nozzle components.

Step 3
a) Remove heater retaining clip on nozzle body.
b) Unplug power and thermocouple from mold connector or unwire from terminal mounting box if mold connectors are not used.
c) Remove heater and thermocouple sub-assembly from nozzle body.
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Note:
Do not cut rigid heater or thermocouple leads.

Step 4
a) Remove thermocouple from groove on the inside of the heater.
b) Bend new thermocouple leads to the correct position using old thermocouple as a guide.
c) Bend new heater leads to the correct position using old heater as a guide.
d) Place new thermocouple into the inside groove of the heater.
e) Slide heater and thermocouple subassembly onto nozzle body.
Note that the “tip end” is indicated on the heater for proper orientation.
f) Snap retainer clip onto nozzle body.
g) Plug in heater and thermocouple to mold connector or wire to terminal mounting box if mold connectors are not used.
h) Using a multimeter, check heater and thermocouple resistances.

WARNING
Do not close mold when nozzles are hot. Damage may occur due to thermal expansion of nozzle seal off area.

i) Slowly close mold.
j) Latch “A” plate to manifold/nozzle plate.
k) Slowly open mold.
l) Assemble all S.H.C.S. from parting line to attach “A” plate to manifold/nozzle plate.
m) Activate ejection mechanism.

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<th>Front Load Heaters (240 VAC)</th>
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<th>Lead Length (mm)</th>
<th>Watts</th>
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