

INSTRUCTIONS

FOR REPLACING B18099-06, B18099-08 & B18099-10 HSI Module with a B18099-13 HSI Module.

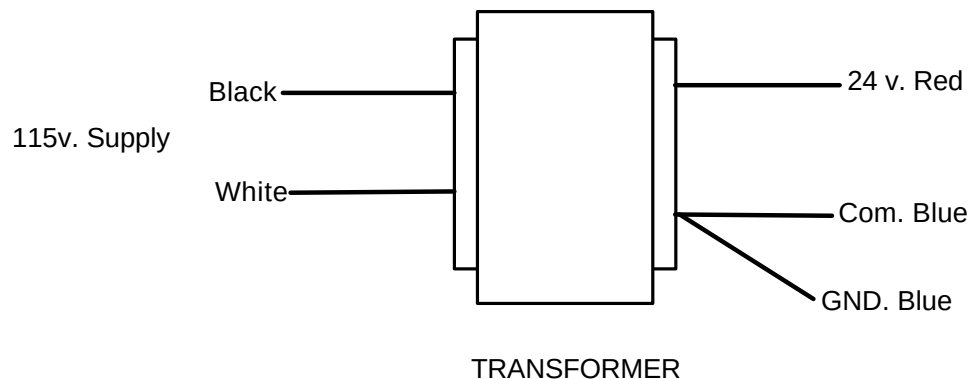


**DISCONNECT ALL ELECTRICAL POWER AND SHUT OFF GAS TO THE FURNACE
BEFORE PROCEEDING.**

!CAUTION!

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

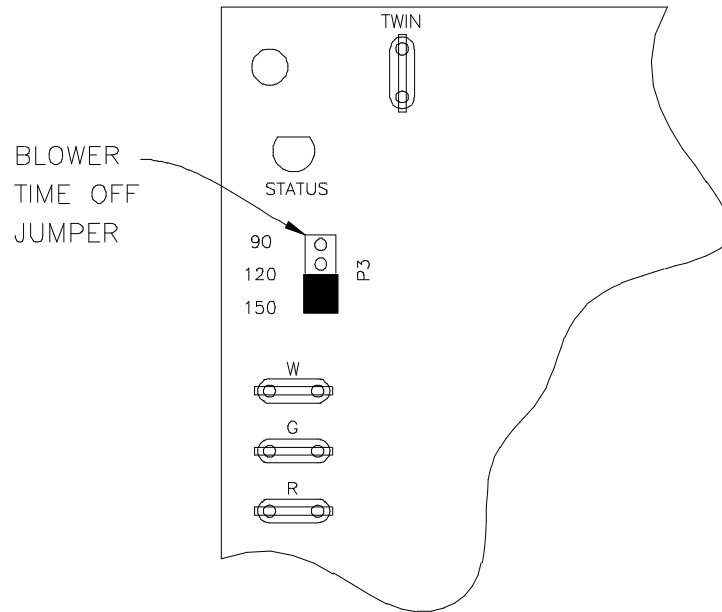
1. Remove both access panels.
2. For GMP & GMPV series units, cut the white jumper wire between pins 1 & 4 of the 9 pin connector.
3. For GMPN & GMN series units, DO NOT cut the white jumper wire.
4. Remove the edgcard connector and other wires from the existing module. Discard the thermostat wires removed from the board (R, W & G).
5. Remove the existing HSI module. Care should be exercised as not to damage the nylon standoffs.
6. Install the B18099-13 module.
7. Reconnect the edgcard connector making sure of good contact.
8. Push the 9 pin connector into the HSI module. It can go in only one way. DO NOT force.
9. Reconnect the supplied thermostat wires.
10. Remove the red wire from the 24 volt side of the secondary side of the transformer and discard.
11. Remove the blue ground wire from the transformer. DO NOT discard.
12. Remove the blue wire from the transformer and discard.
13. Place the red wire from the 9 pin connector on to "24 volt" of the secondary side of the transformer.
14. Place the blue wire from the 9 pin connector on to "Common" terminal of the secondary side of the transformer. This wire has a piggy back terminal.
15. Place the blue ground wire, which was previously removed, on to the "Common" terminal of the transformer.
16. Replace the access panels.
17. Restore gas and electrical power to the furnace.
18. Verify the sequence of operation as noted in the Installation & Operating Instructions shipped with the furnace.



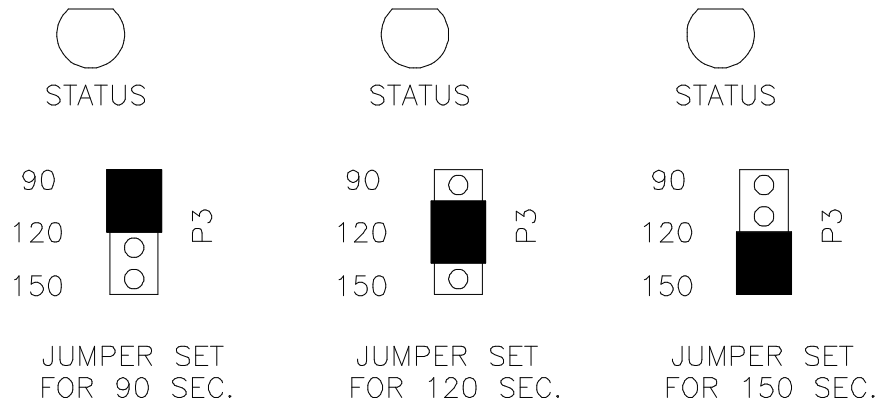
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SELECTING THE BLOWER OFF DELAY

In the heating mode, the blower off delay can be selected to obtain a 90, 120, or 150 seconds period. This can be accomplished by changing the position of a plastic jumper located on the ignition control. See the drawing below for the location of this jumper:



The control is factory set to give a (150) second blower off delay. See drawing below for the jumper position for all available settings:



Notes:

- If the jumper is removed, the control will default to a (150) second blower off delay in the heating mode.
- The blower on time in the heating mode is (30) seconds and is non-adjustable.
- The blower on time in the cooling mode is (7) seconds and is non-adjustable.
- The blower off delay in the cooling mode is (60) seconds and is non-adjustable.
- Caution is to be exercised not to bend the metal pins when changing the time delay from the factory setting.