

INSTRUCTION SHEET

16200059

Description: ACE14 Monitor Relay Board Kit # 14109045

Contents:

- | | |
|------------------------------------|------------------------------------|
| 1 – 59114157 Interlock Switch Assy | 1 – 20042602 Two Pin Wire Harness |
| 1 – 59002117 Monitor Relay Board | 1 – 20042701 Four Pin Wire Harness |
| 4 – M0590602 Standoff | 2 – M0325301 Terminal Insulator |
| 1 – M0800603 Standoff | 2 – M0321210 Wire Tie |
| 1 – 12991607 Screw | 2 – Mounting Screws |
| | 1 – 16200071 Label, Modification |
| | 1 – 16200059 Instruction Sheet |

Procedure:

1. Unplug or disconnect power to the oven.
2. Remove outer case.
3. Remove lower vertical keyboard screw (Figure 1).
4. Install 4 standoffs onto 4 corners of monitor relay board and 1 short standoff where screw mount goes thru board (Figure 2).
5. Mount relay board with screw provided onto lower rear of vertical keyboard with the two pin connector on top (Figure 2).

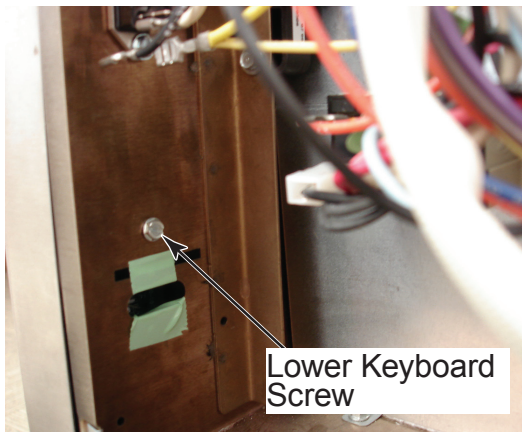


Figure 1

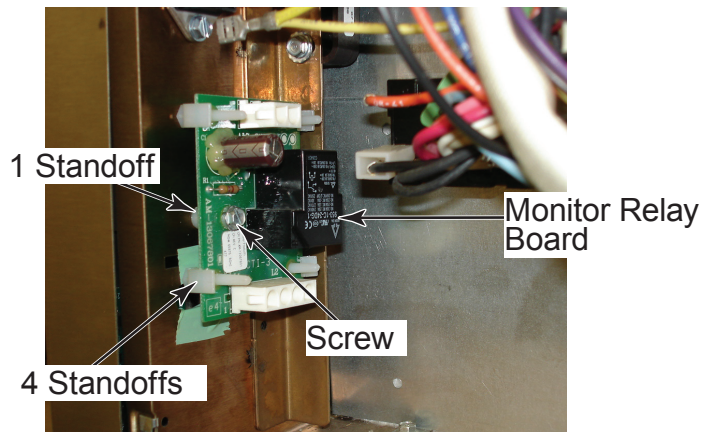


Figure 2

6. Slide triac shield toward back of oven to gain access to interlock switch mounting screws (Figure 3).

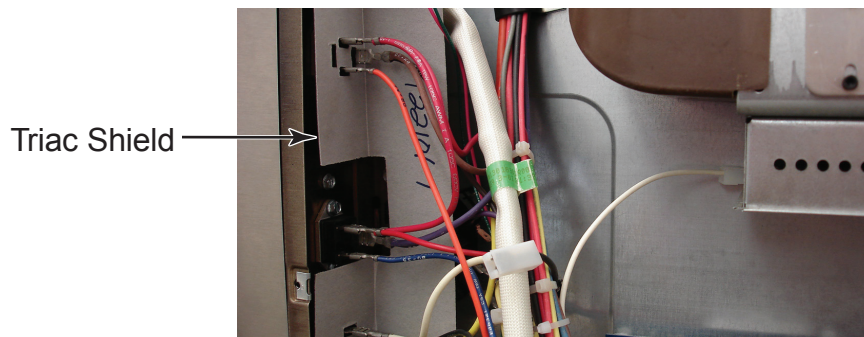


Figure 3

7. Remove interlock switch and disconnect wires.

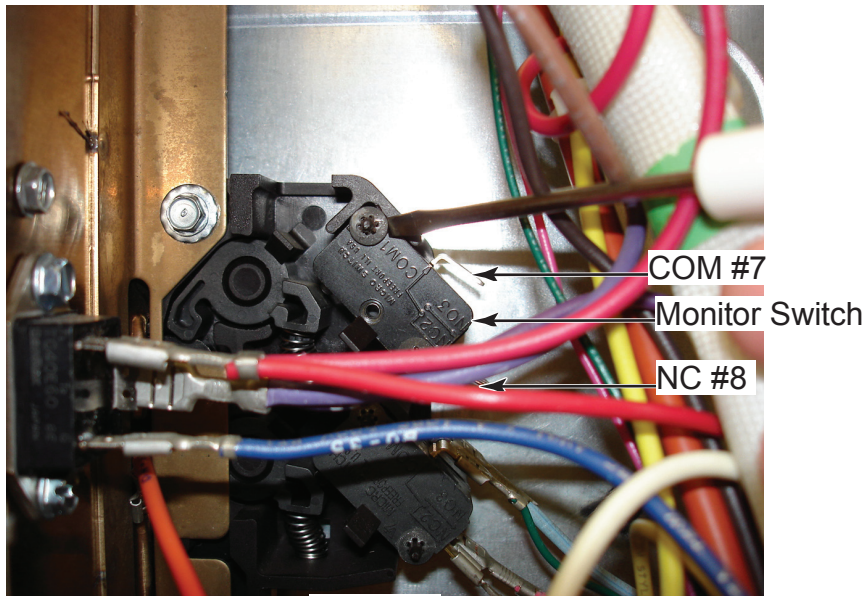


Figure 4

8. Reinstall all wires except black and white wires to new monitor switch and install new interlock switch from kit. (Figure 4).

9. Plug 2 pin harness connector, gray black end, into monitor relay board (Figure 5).

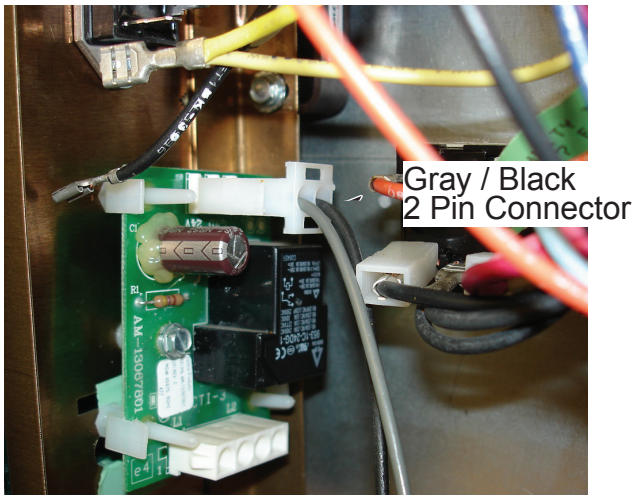


Figure 5

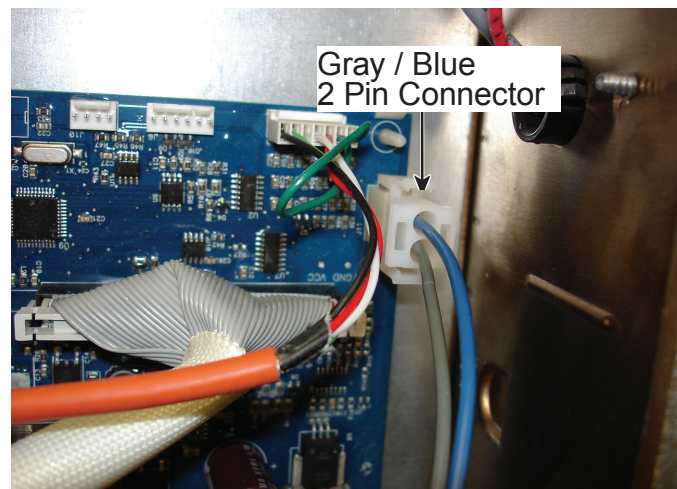


Figure 6

10. Plug 2 pin harness connector, gray blue end, into main board J11 connector (Figure 6).

11. Connect blue wire from monitor relay board to COM #7 terminal on monitor switch and black wire from 2 pin connector on main board to NC #8 terminal on monitor switch (Figure 4)

12. Plug 4 pin connector into lower 4 pin connector on monitor relay board (Figure 7).

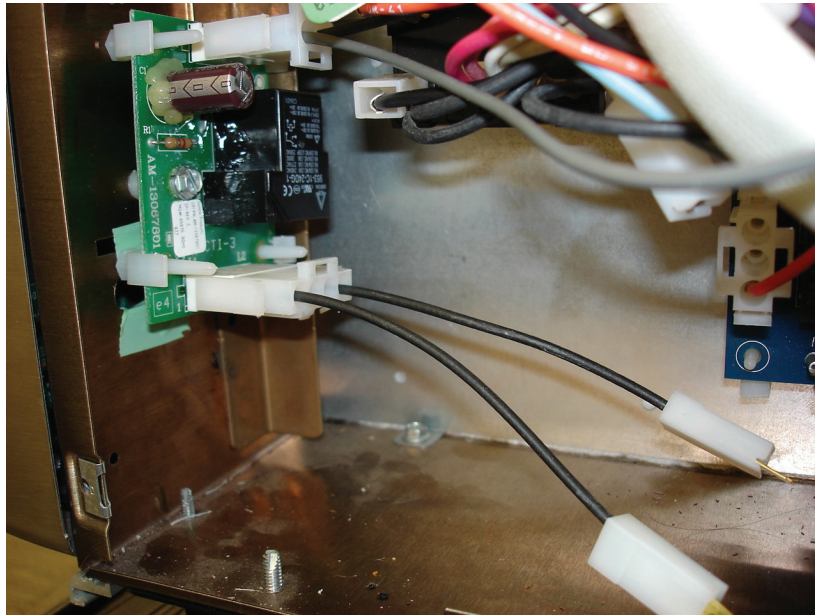


Figure 7

13. Install terminal insulators on black and white wires removed from monitor switch (Figure 8).

14. Connect black and white monitor switch wires to black wires from monitor relay board 4 pin connector (Figure 9).

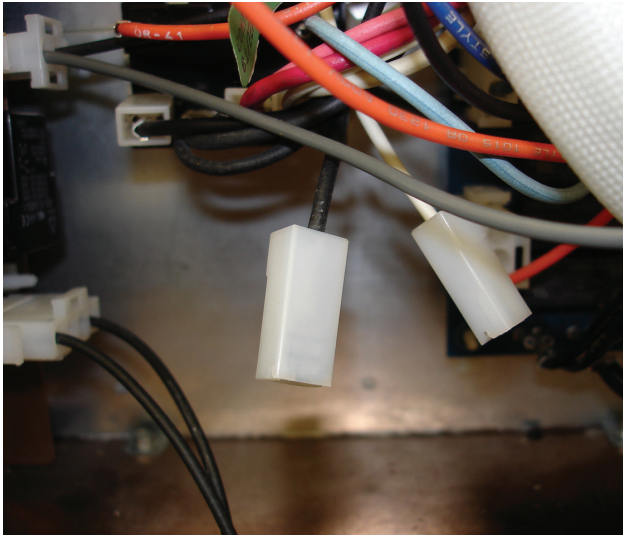


Figure 8

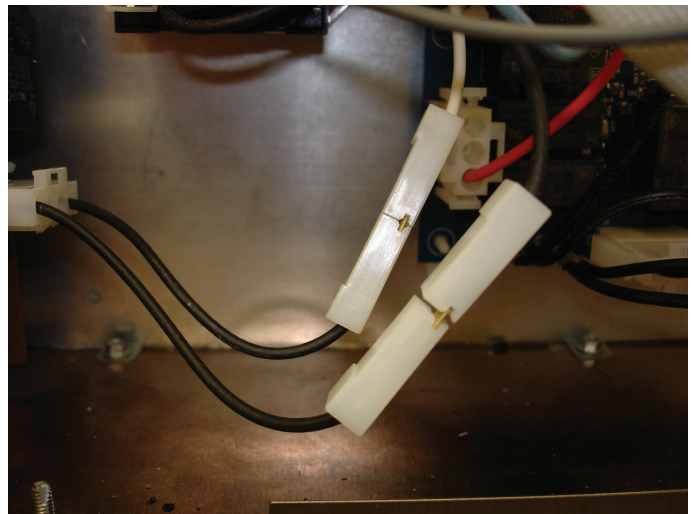


Figure 9

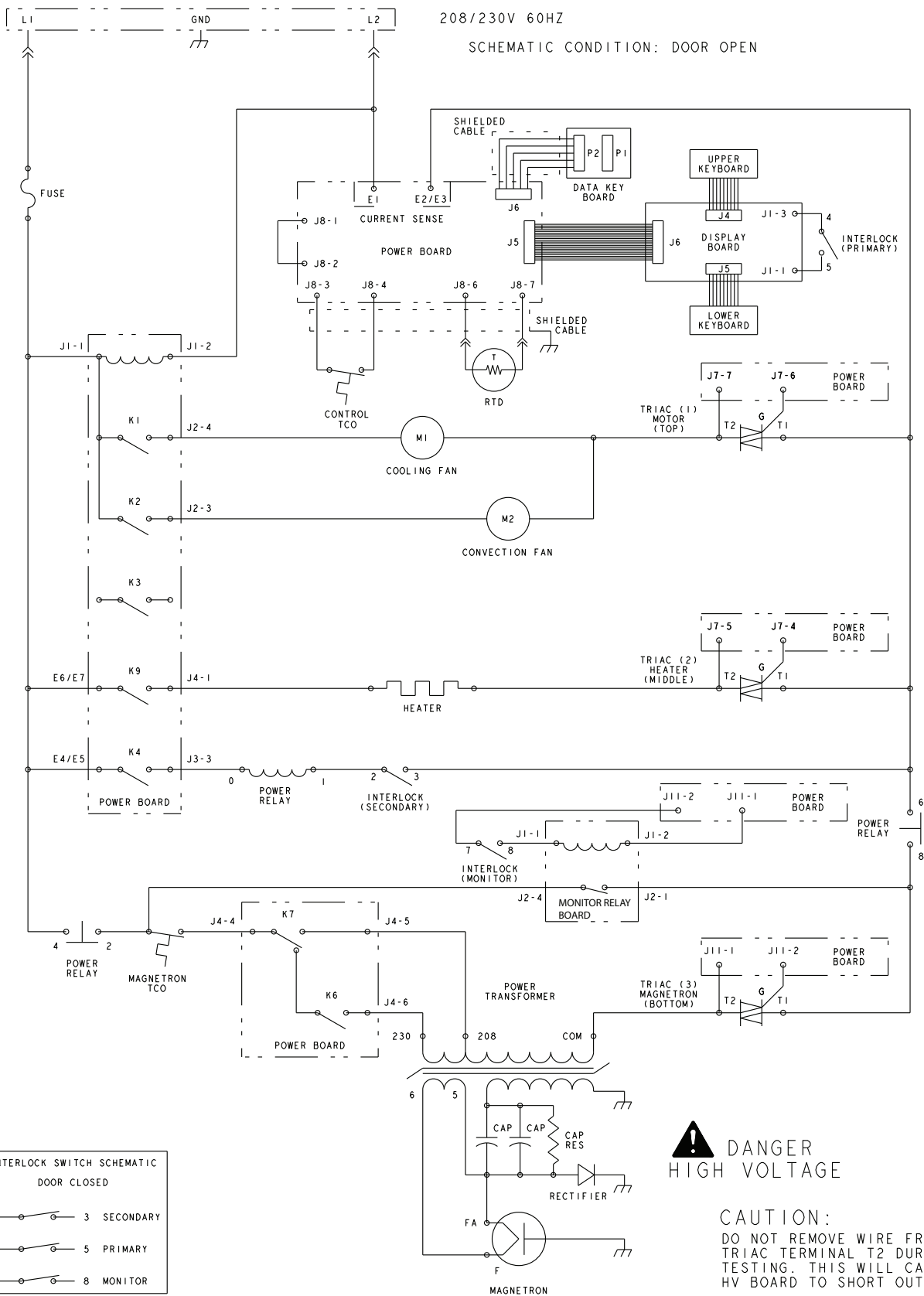
15. Wire tie loose wires to harnesses and test unit for proper operation.

16. Replace existing wiring diagram with one attached in same location in rear of unit next to blower.

- 17. Clean area next to serial tag and place label on unit to show unit has been modified (Figure 10).
- 18. Test oven for proper operation.



Figure 10



Leave this wiring diagram modification with unit.