

GRIDDLE IGNITION PROBE KIT & PILOT BURNER INSTALLATION

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ACCUTEMP

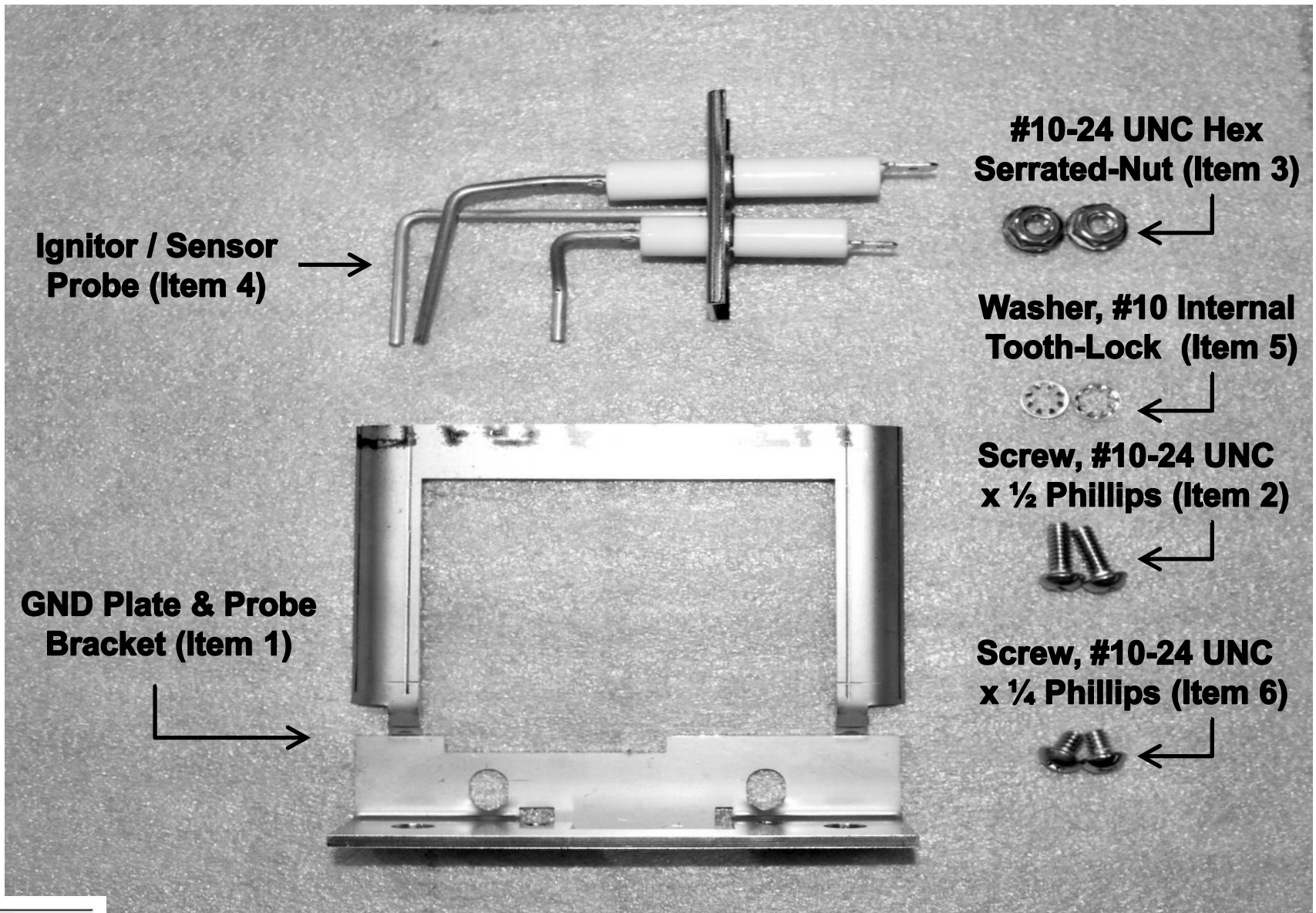
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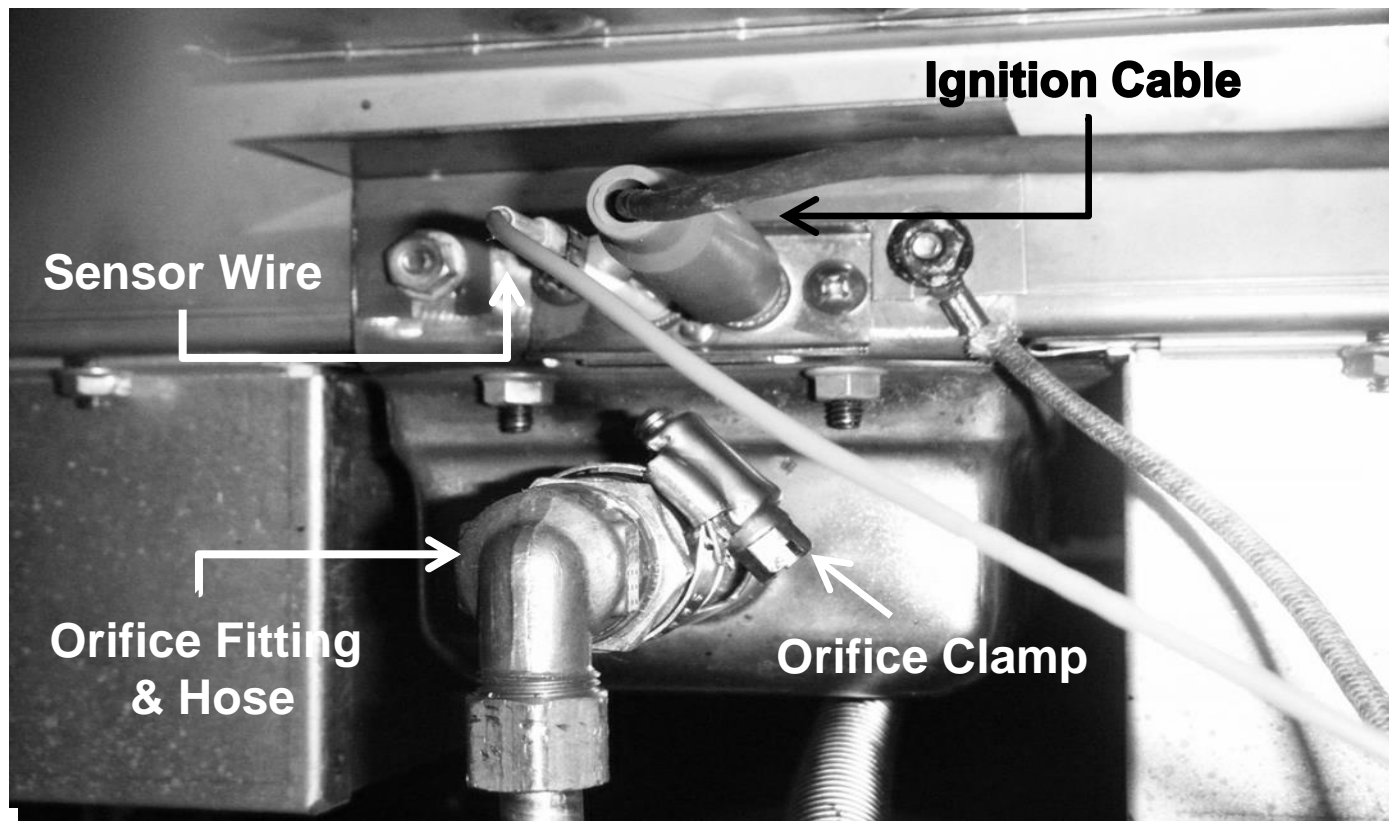
7 Days a Week

IGNITION PROBE KIT

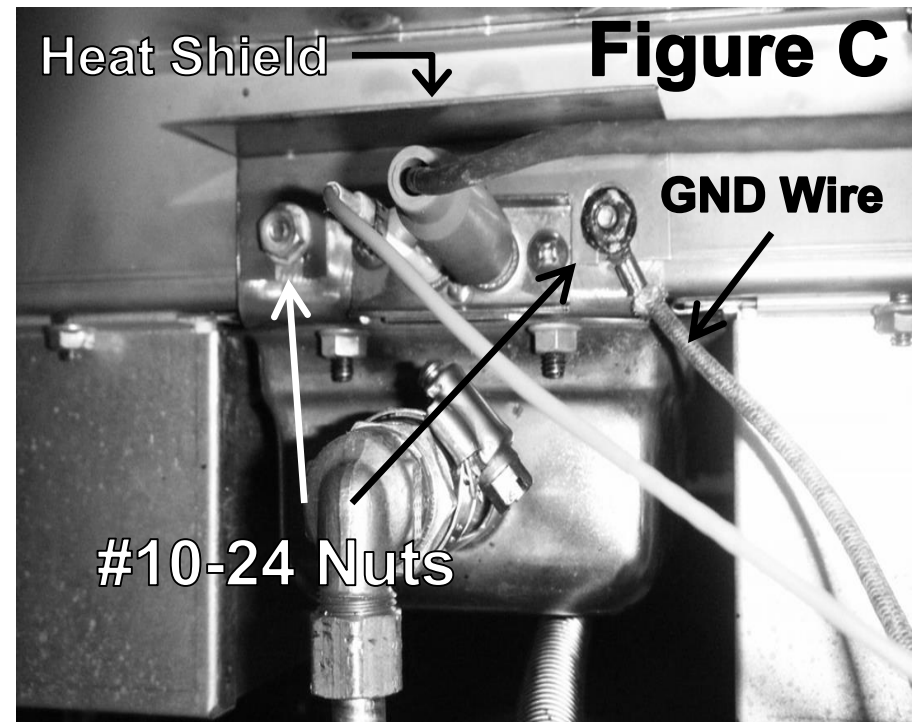
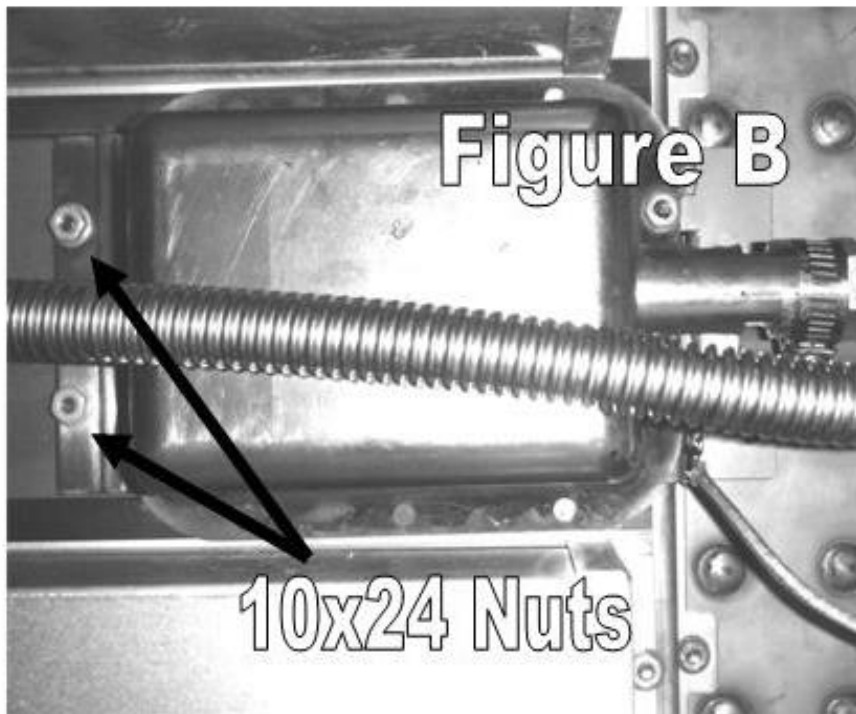


1. Remove the Ignition Cable and the Sensor Wire. (Figure A)
2. Loosen the Orifice Clamp. (Figure A)
3. Remove the Orifice Fitting & Hose from the Pilot Burner. (Figure A)

Figure A



4. Remove the Pilot Burner. Remove both of the #10-24 nuts, the GND Wire, and the Heat Shield; from the mounting studs on the front of the Pilot Burner. (Figure C)
5. Loosen the two #10-24 nuts of the Sandwich Plate, on the backside of the Pilot Burner. (Figure B)
6. Slide the Pilot Burner out of Sandwich Plates, and remove the old hardware from the Pilot Burner and **discard**.



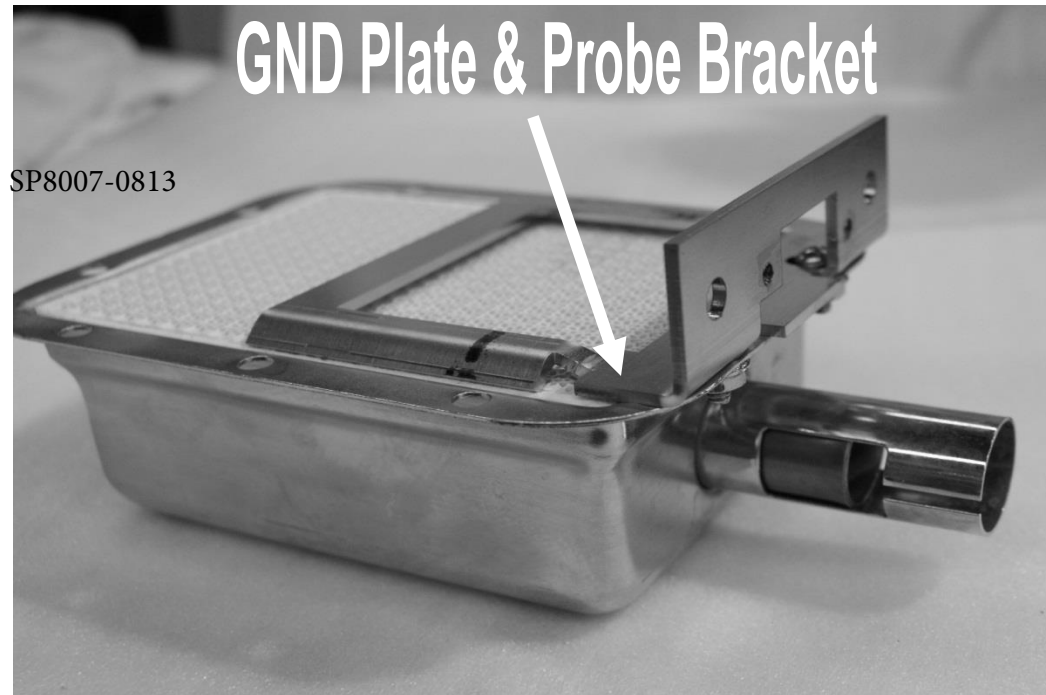
7. Clean metal surface of the burner, to ensure good GND path. **Do not use sand paper**. Use a stainless-steel brush or Scotch-Brite pad. (Figure D)
8. Install the GND Plate & Probe Bracket (Item 1), by setting it on top of the Pilot Burner and lining up the holes. (Figure E)

Figure D



Clean metal surface

Figure E



9. Install the #10-24 x 1/2" screws (Item 2) and #10 hex nuts (Item 3) through the GND Plane & Probe Bracket. (Figure F & G)
10. Mount the Ignitor/Sensor Probe (Item 4) in the Probe Bracket (item 1); installing the #10 Tooth-Lock Washer (Item 5) and the #10-24 x 1/4" Screws (Item 6). (Figure G)

Figure F

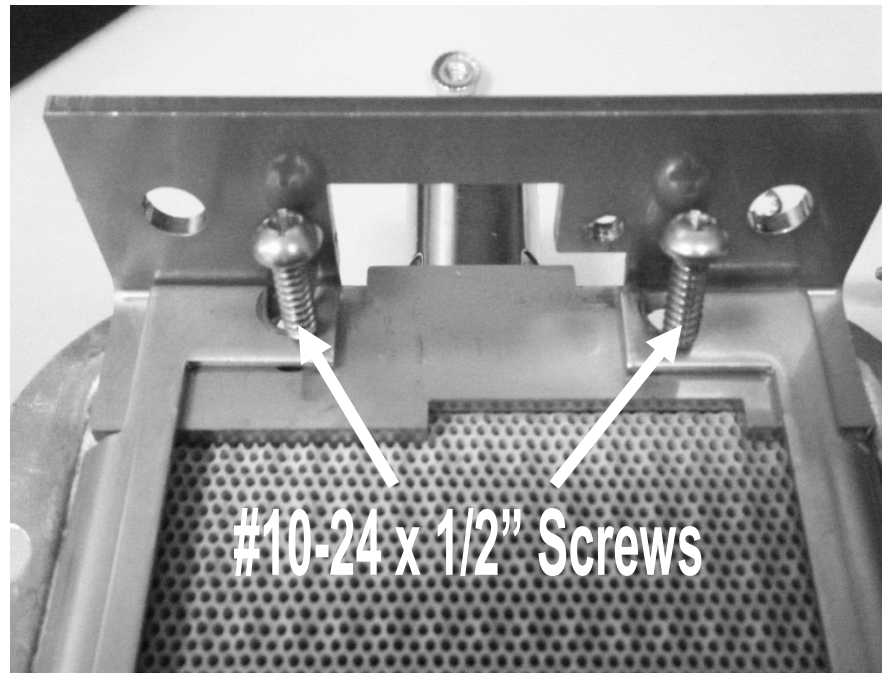
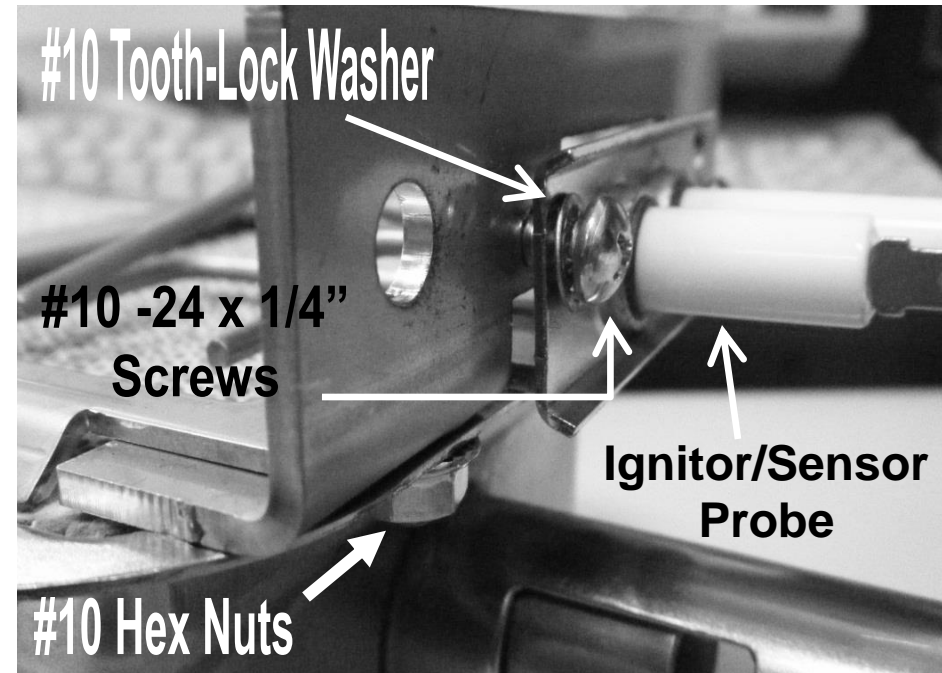


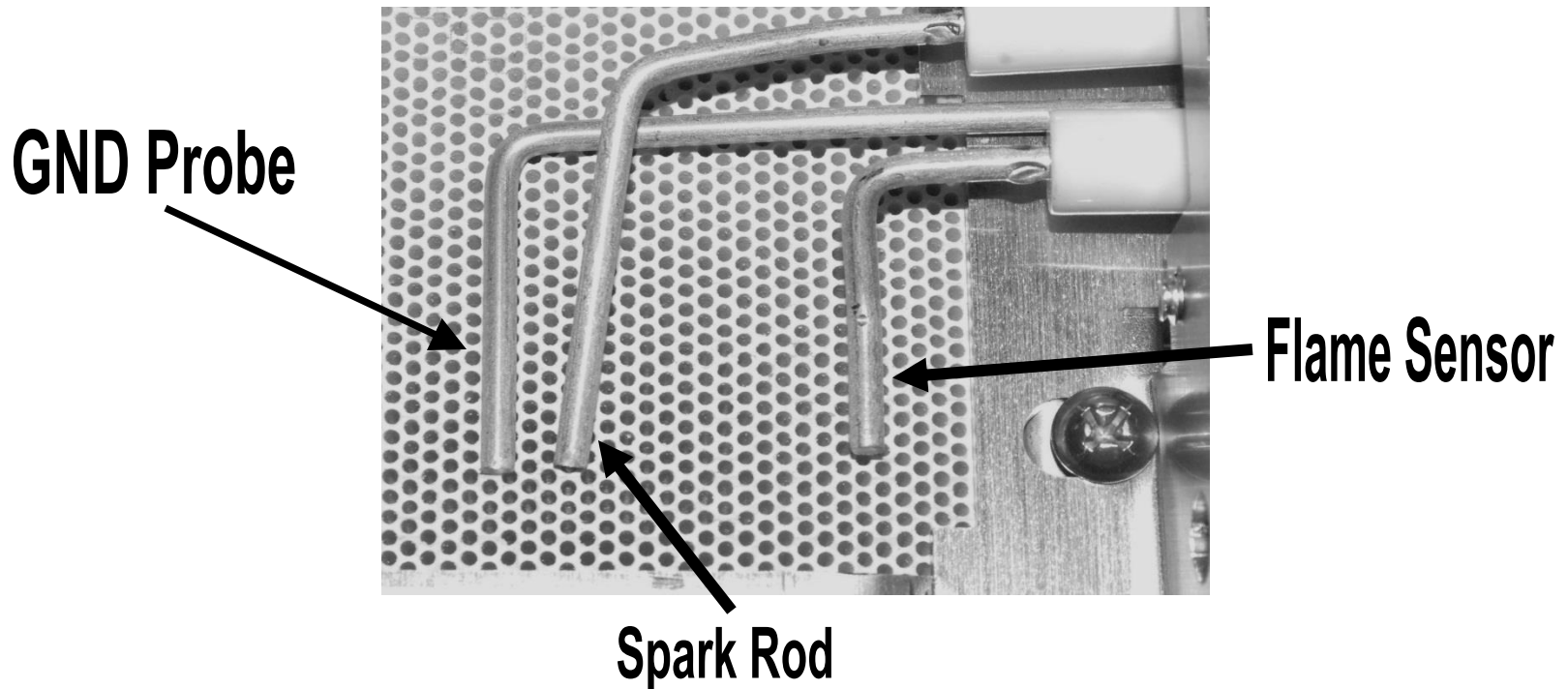
Figure G



11. Verify that you **have** continuity from the GND Probe to the GND Plane & Probe Bracket (Item 1). (Figure H)
12. Verify that you **do not have** continuity between the Spark Rod **or** the Flame Sensor to ground.

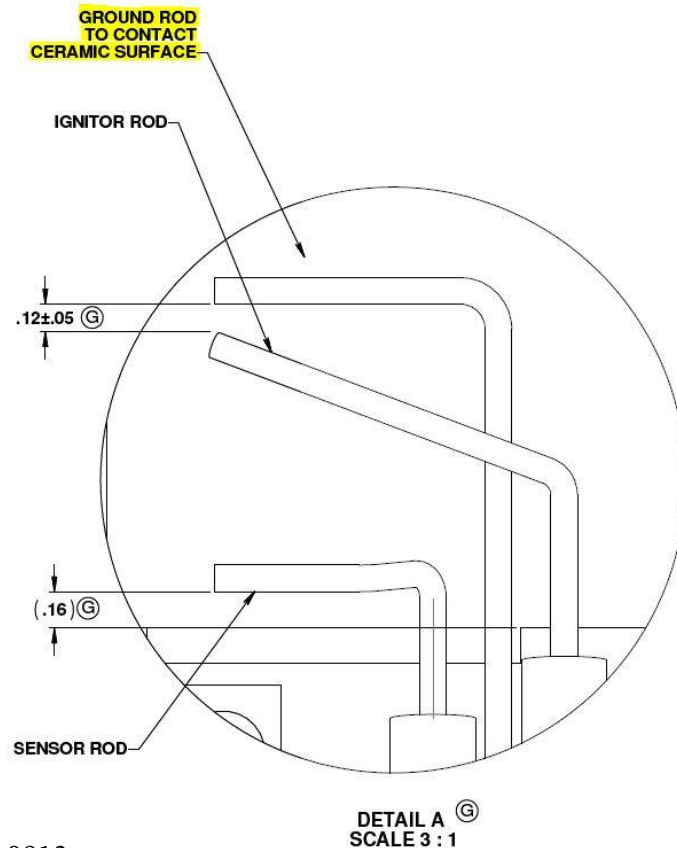
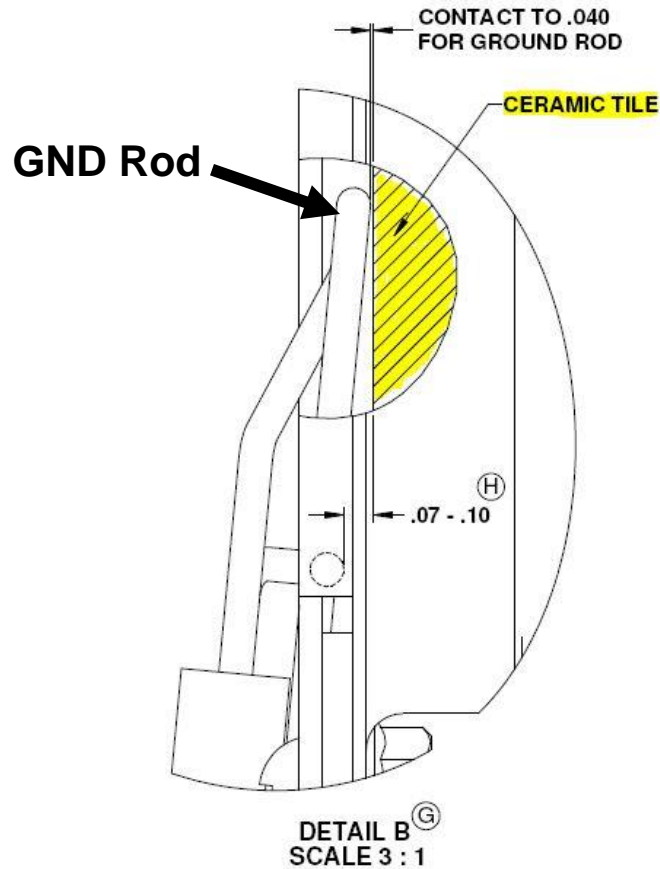
FOR GND PROBE & SPARK ROD SPACING, REFER TO PG 7 FOR DETAILS

Figure H



GND PROBE & SPARK ROD SPACING

If needed, approximate the distance between the GND Rod and the Ignitor Probe to that of the thickness of a Nickel.



IF REMOVED: THE MAIN BURNERS NEED TO BE RE-INSTALLED
BEFORE THE PILOT BURNER RE-INSTALLATION.

13. Re-Install the Pilot Burner by placing the edge of the burner between the Sandwich Plates. (Place burner lip between pieces 7 and 8.) (Figure J)
14. Tighten the #10 nuts on the Sandwich Plates.

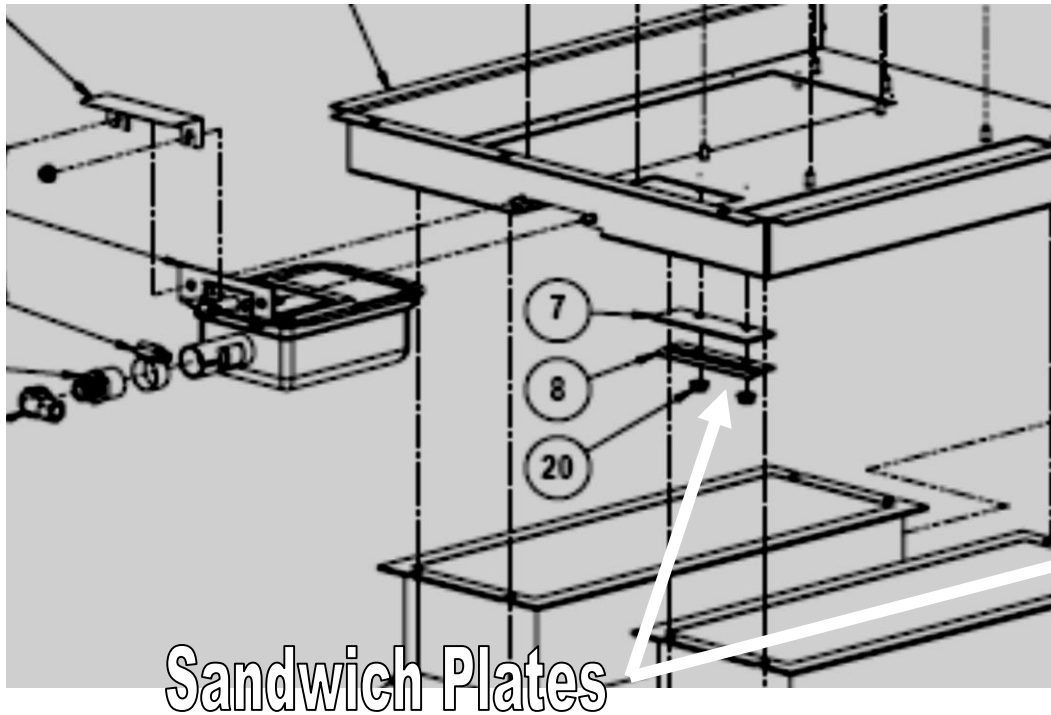
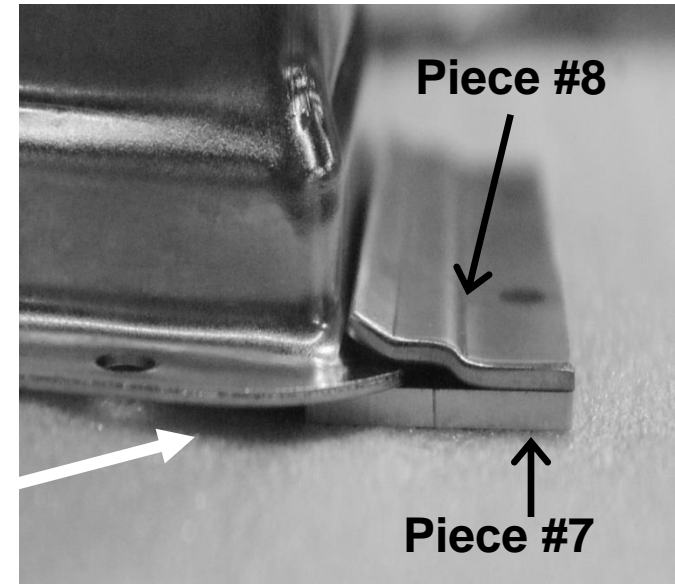


Figure J



15. Re-install the GND Wire, and the Heat Shield on the mounting studs, then screw on the # 10 nuts to the front of the Pilot Burner. (Figure K)
16. Re-connect the Ignition Cable and the Flame Sensor Wire to their respective probe contacts. (Figure L)

Figure K

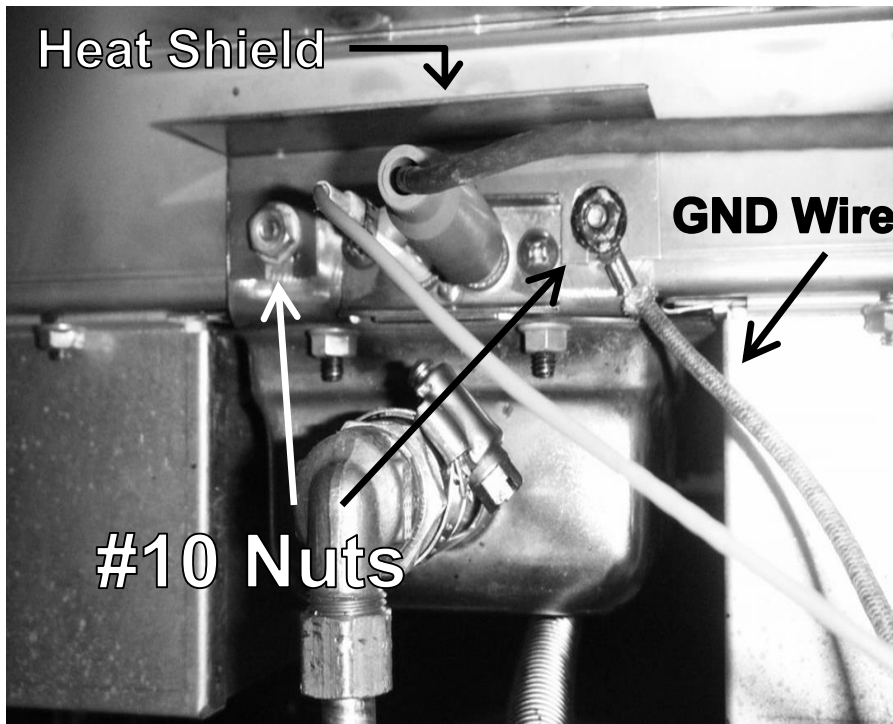
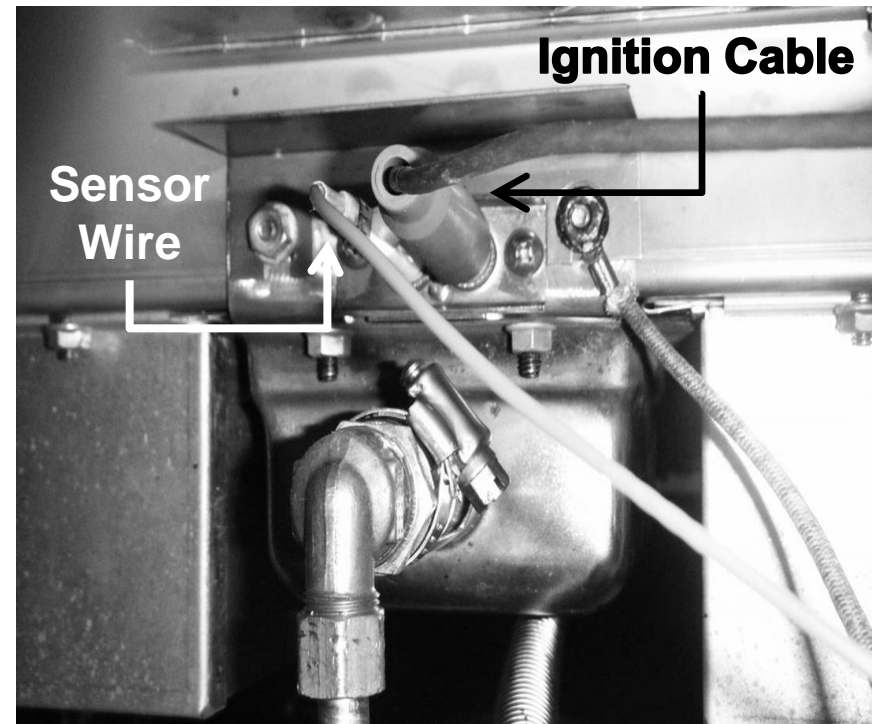


Figure L



ENSURE PILOT ORIFICE IS CLEAN PRIOR TO RECONNECTION

17. Place Orifice Clamp over the end of the Pilot Burner nozzle; then insert the Orifice Fitting & Hose. **Ensure that the clamp is not covering the venturi opening, which allows for proper air/gas mixture for ignition.** (Figure N)
18. Position the Orifice Hose, as pictured in Figure M, then tighten the Orifice Clamp down. (Figure M)

Figure M

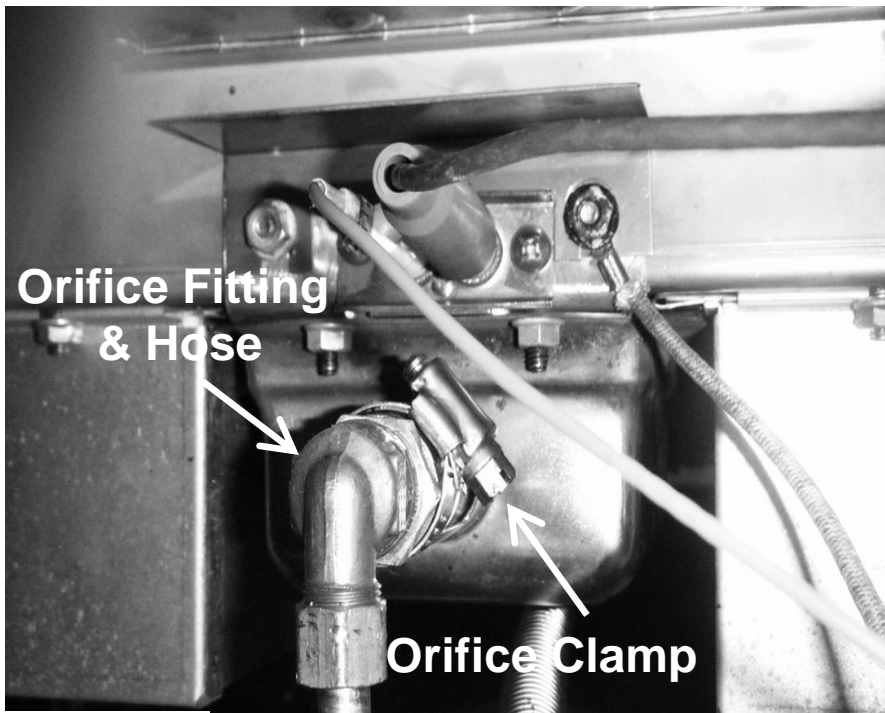


Figure N

