

SERVICE PROCEDURES

Continued

IGNITOR

1. Remove upper shell and fan guard (See *Upper Shell Removal*, page 9).
2. Remove fan (see page 9).
3. Remove 4 side cover screws with a 5/16" nut driver. Remove side cover (see Figures 18 or 19, page 10).
4. Disconnect ignitor wires from ignition control assembly (see Figure 20). Pull the ignitor wires up through the hole in the lower shell.
5. Disconnect fuel line hose and air line hose. Remove photocell from photocell bracket (see Figure 20).
6. Remove combustion chamber. Stand combustion chamber on end with nozzle adapter bracket on top (see Figure 21 or 22).
7. Remove ignitor screw with a 1/4" nut driver for models using ignitor HA1000 or 5/16" nut driver for models using 102548-08 ignitor. Carefully remove ignitor from nozzle adapter bracket.

CAUTION: Do not bend or strike ignitor element. Handle with care.

8. Carefully remove replacement ignitor from packing.
9. Carefully guide ignitor into opening in nozzle adapter bracket. Do not strike ignitor element. Attach ignitor to nozzle adapter bracket with screw using a 1/4" nut driver for models using ignitor HA1000 or 1/16" nut driver for models using 102548-08 ignitor (see Figure 23). Torque 0.90 to 1.69 N-m (8 to 15 in-lbs) Do not over torque.
10. Replace combustion chamber.
11. Route the ignitor wires back down through the hole in the lower shell. Connect wires to the ignition control assembly (see Figure 20).
12. Replace side cover (see Figures 18 or 19, page 10).
13. Connect and route fuel line hose and air line hose to nozzle adapter assembly. See *Fuel and Air Line Replacement and Proper Routing*, page 13.
14. Replace photocell in photocell bracket. Route wires as shown in either (see Figures 23 or 24 page 12 or Figure 27, page 13).
15. Replace fan (see page 9).
16. Replace fan guard and upper shell (see page 9).

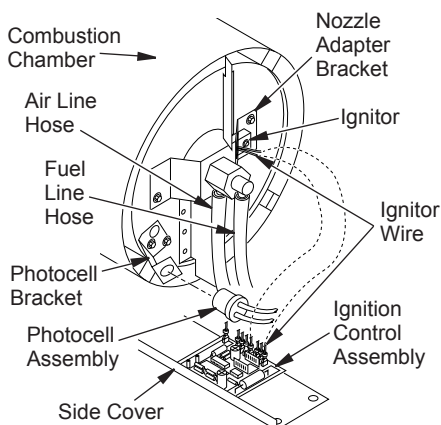


Figure 20 - Disconnecting Ignitor Wires from Ignition Control Assembly

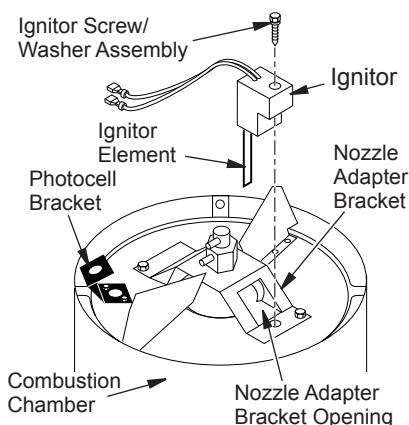


Figure 21 - Ignitor HA1000 Replacement

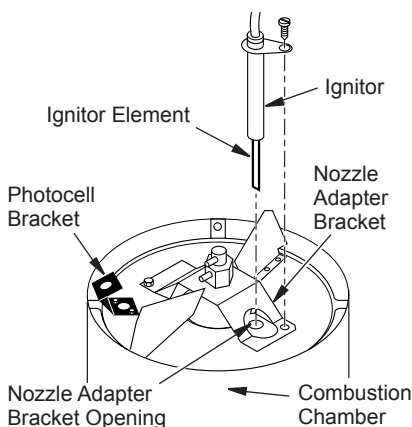


Figure 22 - Ignitor 102548-08 Replacement