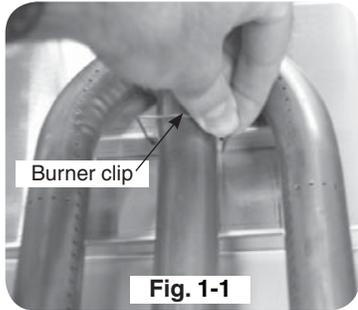


AOG INFRARED BURNER KIT INSTRUCTIONS



Burner clip

Fig. 1-1

Remove the grids and burner clip



Fig. 1-2

Remove the burner

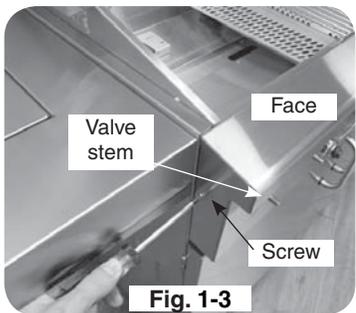


Fig. 1-3

Remove face plate

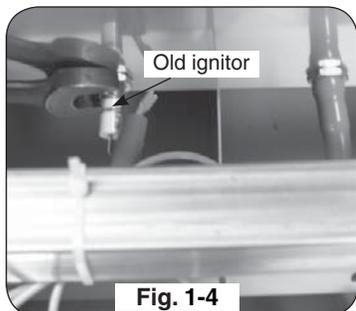


Fig. 1-4

Remove old ignitor electrode

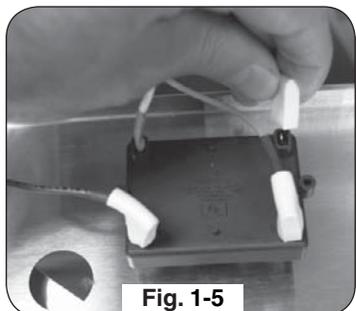


Fig. 1-5

Remove old ignitor wire

Follow these instructions to install an infrared burner in your American Outdoor Grill.

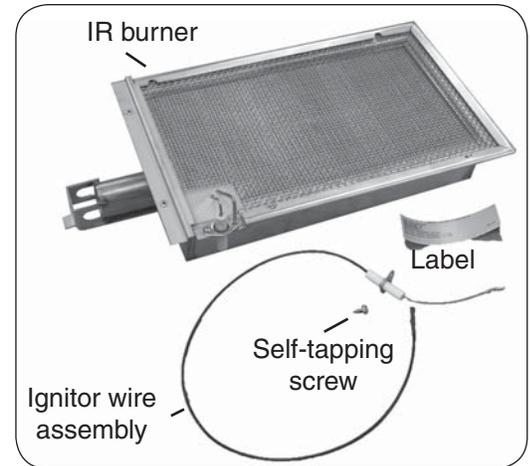
CAUTION: Turn each of the burner control knobs to the OFF position and close the gas shut-off valve to the grill. Wait for the grill to cool completely before beginning this procedure.

PARTS INCLUDED

- Infrared burner
- Ignitor wire assembly
- Self-tapping sheet-metal screw
- Conversion label

TOOLS REQUIRED

- Phillips screwdriver
- 9/16 open-end wrench
- 1/4 nut driver or socket wrench



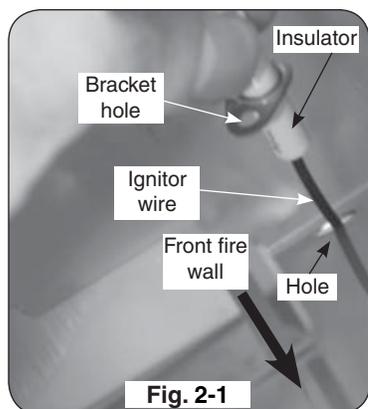
Included parts

REMOVING THE LEFT MAIN BURNER

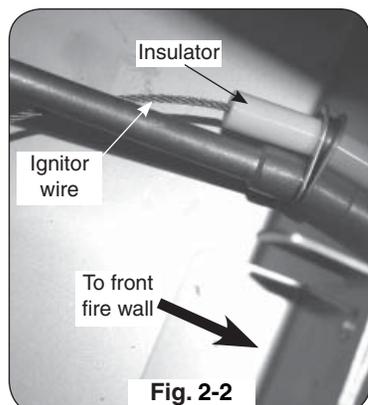
1. Starting with a cool grill (see caution above), open the oven lid and remove the rotisserie rod if installed.
2. Remove the cooking grid and flavor grid from the left-most burner. Set the cooking grid aside. **The flavor grid will not be used with the infrared, and should be stored away.**
3. Remove the left-most burner by first removing the burner clip (see Fig. 1-1). Lift the back of the burner up and back (see Fig. 1-2) so that it pulls out from the forward firewall opening and the orifice. Retain the burner clip and burner for future use, if desired.
4. Remove the drip tray completely from its slot.
5. With the burner valves in the **OFF** position, pull the valve knobs off of their stems. Use a Phillips screwdriver to remove the face fastener screws on each side of the face (see Fig. 1-3). Release the face by lifting it upward slightly. Once free tilt the top of the face forward and down. The ignitor knob need not be detached, but the wires must be unplugged from the generator before the face is removed completely. Retain the screws and finish washers for re-attaching the face plate later.
6. Remove the existing ignitor box by first loosening the nut on the faceplate side of the fire wall with a wrench. Disconnect the wire connector from the electrode and pull it through the hole (see Fig. 1-4). Unplug the other end and discard the old wire (see Fig. 1-5).

AOG INFRARED BURNER KIT INSTRUCTIONS

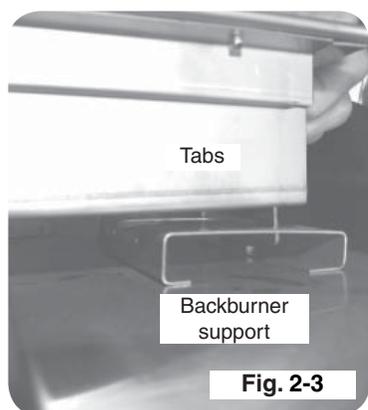
INSTALLING THE NEW INFRARED BURNER KIT



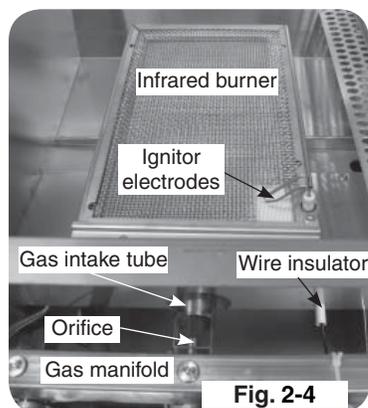
Slide the wire through the fire wall



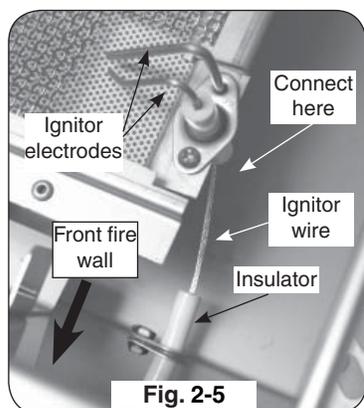
Screw in the new wire insulator



Setting tabs into support



Infrared burner installed



Connect bare wire to electrode assy.



Connect wire to the ignitor module



Apply the conversion label

1. Locate the new ignitor wire assembly with the insulator and thread the insulated wire through the hole in the forward fire wall left by the old ignitor box, as shown in Fig. 2-1. Mark the fire wall through the hole in the bracket on the insulator and drill a hole (approx. 0.09 inch dia.) in the fire wall for the screw.
2. Attach the insulated portion of the ignitor wire assembly to the inside of the fire wall as shown using the self-tapping sheet-metal screw through the bracket hole and into the hole drilled in step 1 (see Fig. 2-2).
3. Position the new infrared burner gas inlet tube in the hole in the forward fire wall and over the orifice fitting, sliding it forward from behind the face frame, so the orifice is centered inside the burner gas tube. Set it gently onto the rear burner support, making sure the tabs on the back burner bottom each fit through their respective slots in the rear burner support. This is critical to the safe function of the grill. (See Fig. 2-3 and Fig. 2-4.)
4. Connect the bare end of the ignitor wire to the bottom of the electrode assembly on the infrared burner (see Fig. 2-5).
5. Attach the other end of the new ignitor wire assembly (the insulated end) to any connector on the back of the ignitor (see Fig. 2-6).

Important: Test the electrodes for spark before securing the face to the frame (see also the section on battery replacement in your manual).

6. Re-install the other ignition wires by plugging them into the terminals on the ignitor module (Fig. 2-6).

Note: The wires can be plugged into any terminal.

7. Affix the conversion label supplied with this kit to the inside of the fire wall behind the face so that it does not obscure any other labels (Fig. 2-7).
8. Reinstall the face on the frame and secure the face with the left and right face fastener screws.
9. Reinstall the control knobs.
10. Reinstall the drip tray.
11. Replace the cooking grid. (DO NOT place the flavor grid on the infrared burner. It is not designed for use on an infrared burner, and should be stored away.)