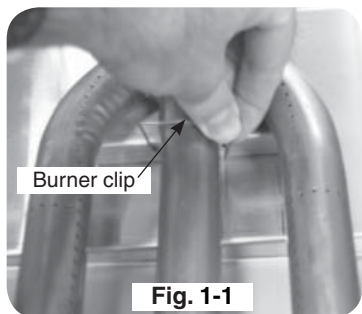


AOG INFRARED BURNER KIT INSTRUCTIONS



Burner clip

Fig. 1-1

Remove the grids and burner clip



Fig. 1-2

Remove the burner

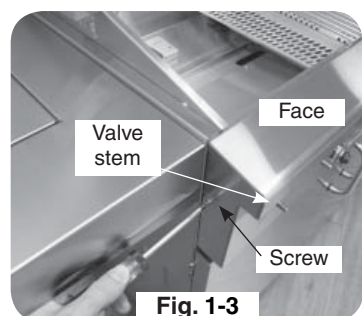


Fig. 1-3

Remove face plate

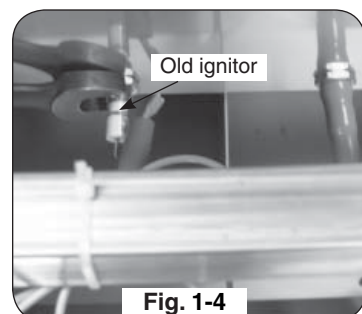


Fig. 1-4

Remove old ignitor electrode

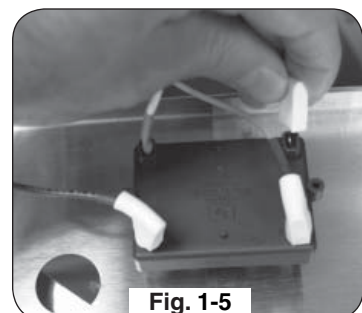


Fig. 1-5

Remove old ignitor wire

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

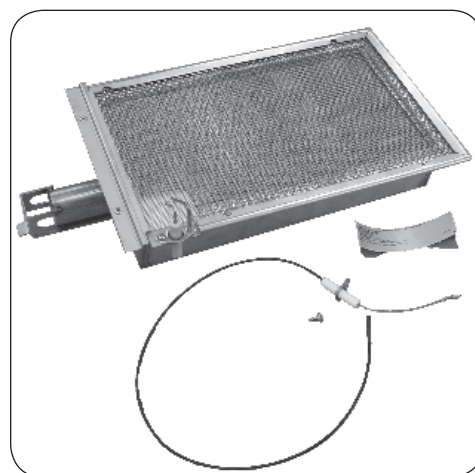
CAUTION: Turn off the gas at the source and at all control knobs and verify that the barbecue has safely cooled off before beginning this procedure.

PARTS INCLUDED

- Infrared burner
- Ignitor wire
- 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 MOST MAIN BURNER

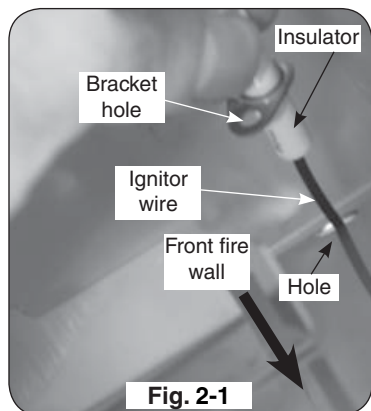
1. Starting with a cool barbecue, open the oven lid and/or remove the rotisserie rod as needed to access the barbecue grills.
2. Remove the grid from the left-most burner by lifting it first from the front and then pulling it forward and outward. Set the grill aside.
3. Remove the left most burner by first removing the burner clip (see Fig. 1-1) from under the back of the burner support. Then lift the back of the burner up out of the firebox by grasping the back and pulling upward (see Fig. 1-2). Continue to lift the back of the burner up while moving the whole burner back and out so that it pulls away from the forward fire wall opening and the orifice. Retain the clip with the burner so that they can be re-installed in the future if desired.
4. Pull out and completely remove the drip tray from the barbecue.
5. With the burner valves in the **OFF** position, pull the valve knobs from their stems. Use a Phillips screwdriver to remove the face fastener screws on either side of the barbecue face (see Fig. 1-3). Release the face by lifting it slightly and remove it from the barbecue. Make sure to retain the screws and finish washers for re-attaching the face plate.

Note: Carefully lift the face away from the frame. The spark generator for the ignition system is attached to the inside of the face panel. The ignitor knob need not be detached, but the wires must be unplugged from the generator before the face is removed completely.

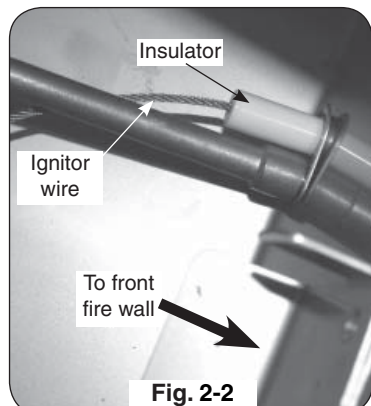
6. Remove the existing ignitor wire by first loosening the nut on the faceplate side of the fire wall with a wrench and then disconnecting the wire connector from the electrode and pulling the wire through the hole (see Fig. 1-4). Also remove the connector on the other end of the ignitor wire from the ignitor module (see Fig. 1-5).

AOG INFRARED BURNER KIT INSTRUCTIONS

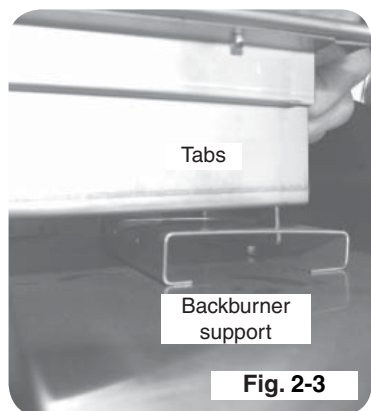
INSTALLING THE NEW INFRARED BURNER



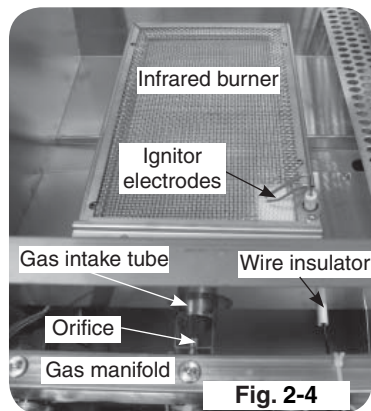
Screw the new wire to the fire wall



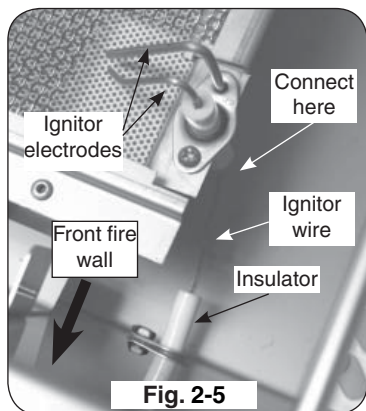
Screw the new wire to the fire wall



Sliding tabs into support



Infrared burner installed



Connect wire to electrode assy.



Connect wire to the ignitor module



Apply the conversion label

1. Locate the new ignitor wire with the insulator and thread it through the hole in the forward fire wall left by the old ignitor, as shown in Fig. 2-1. Mark the fire wall through the hole in the bracket on the insulator and drill a pilot hole (approx. 0.09 inch dia.) in the fire wall for the screw.
2. Attach the insulated portion of the ignitor wire to the inside of the fire wall by screwing the self-tapping sheet-metal screw through the bracket hole and into the pilot hole in the fire wall (see Fig. 2-2).
3. Place the new infrared burner gas intake 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 barbecue. (See Fig. 2-3 and Fig. 2-4.)
4. Connect the non-insulated metal end of the ignitor wire to the bottom of the ignitor electrode assembly at the forward right of the infrared burner (see Fig. 2-5).
5. Attach the other end of the new ignitor wire (the insulated end) to any male connector on the back of the closest 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. If you completely removed the face plate, 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. Apply 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. Replace the face on the frame so the front lip of the face hangs from the forward lip on the frame. Re-secure the face with the left and right face fastener screws.
9. Replace the control knobs.
10. Replace the drip tray.
11. Replace the flavor grid and then the grill so that the cut-out section of the grill is in front.