

INSTALLER AND OWNER GUIDE

Electronic Ignition Kit

Model 337W2

For

Radiant Convectors

Gas Fire models

337 (G.C. No. 32 - 032 - 31)

347 (G.C. No. 32 - 032 - 62)

This kit is to be fitted and used in conjunction with the Installer and Owner guide supplied with the gas fire.

This guide to be attached to the installer guide supplied with the gas fire and left with the owner

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1. SAFETY

Before fitting this electronic ignition kit ensure that the gas fire is switched off and is completely cool.

2. CONTENTS OF KIT

1 Electronic generator assembly.

(This includes the spark generator, the spark generator mounting bracket, the microswitch, the microswitch mounting bracket and screw, the electrode lead and two leads for connecting the microswitch to the spark generator)

- 1 'R' clip
- 1 Locknut
- 1 'AA' size battery
- 2 Screws (For securing the generator assembly - Not required on models having 'side' fascia securing)
- 2 Washers
- 1 Spring

Check that all items are present and undamaged.

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3. FITTING THE ELECTRONIC IGNITION KIT

3.1 Appliance Preparation.

It is important that the control knob is in the 'OFF' position to fit the kit. When removing the control knob ensure that the control knob spindle is not turned from the 'OFF' position

1. Remove the control knob by pulling clear of the gas tap spindle.
2. Remove the two fascia retaining screws. Depending on model, these will be located at the front of the fascia near the bottom corners or at the rear near the bottom.
3. Lift the fascia up and forward to clear the rear top location. Put in a safe place.
4. On top of the gas valve there is a nylon bush. Remove the two 'R' clips from the bush.
5. Depending on model there may be more than one hole in the upper baffle. Note the hole through which the spindle passes. Lift and remove the spindle.
6. Remove the bush from the top of the gas valve.
7. Remove the piezo generator lead from the pilot electrode by holding the terminal tag firmly and gently pulling downward. Do not pull the lead itself as this may damage the lead and loosen the terminal tag.
8. Coil the piezo generator lead. Do not cut it as it may be required at a later date.

3.2 Fitting the electronic generator kit.

1. For models with SIDE fascia securing screws.

If the fascia was secured at the sides, there will be a fascia support bracket located behind the gas valve. Remove the two screws from the fascia support bracket, holding the bracket in place. Locate the electronic generator and support bracket assembly as in figure 1. Secure using the two screws previously removed. *It is important that the 'fascia support bracket' is fitted to the support foot before the 'electronic generator and support bracket assembly'.*

1. For models with FRONT fascia securing screws.

If the fascia was secured at the front, locate the electronic generator and support bracket assembly to the two holes in the right hand lower support foot (See

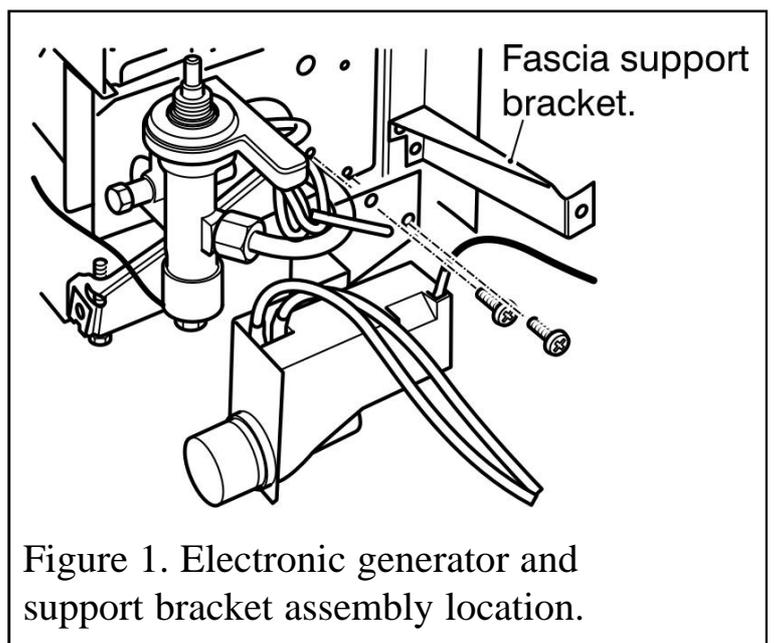


Figure 1. Electronic generator and support bracket assembly location.

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figure 1). Secure using the two screws supplied.

2. Locate the microswitch and microswitch mounting bracket assembly onto the top of the gas valve (See figure 2). There is a tag that locates to the slot in the threaded section of the gas valve. This will prevent the bracket rotating.

3. Secure the microswitch and microswitch mounting bracket using the locknut supplied.

4. Fit the electrode lead to the tag on the pilot electrode.

5. Locate the nylon bush to the top of the gas valve spindle. The slotted holes in the nylon bush should be at the top.

6. Lower the control knob spindle through the slotted hole in the upper baffle noted earlier. The 'ball end' should be at the bottom.

7. Feed a washer, then the spring and the second washer onto the bottom of the control knob spindle. Place the 'ball end' of the control knob spindle into the top of the nylon bush.

8. Align the holes in the top of the nylon bush with those of the control knob spindle. Push an 'R' clip through the holes to secure.

9. On top of the control knob spindle there is a 'D' form. For the control knob to be positioned correctly it is

important that the control knob spindle is rotated so that the flat of the 'D' is to the right. In this position the holes in the base of the nylon bush and the gas valve spindle should be aligned. Push an 'R' clip through the holes to secure.

10. There is a hole in the control knob spindle where the upper washer is now located. Ensure that the upper washer is below this hole and push an 'R' clip through the holes to secure.

3.3 Fitting the battery.

1. At the front of the electronic spark generator there is a removable circular battery cover. Unscrew the cover in an anticlockwise direction.

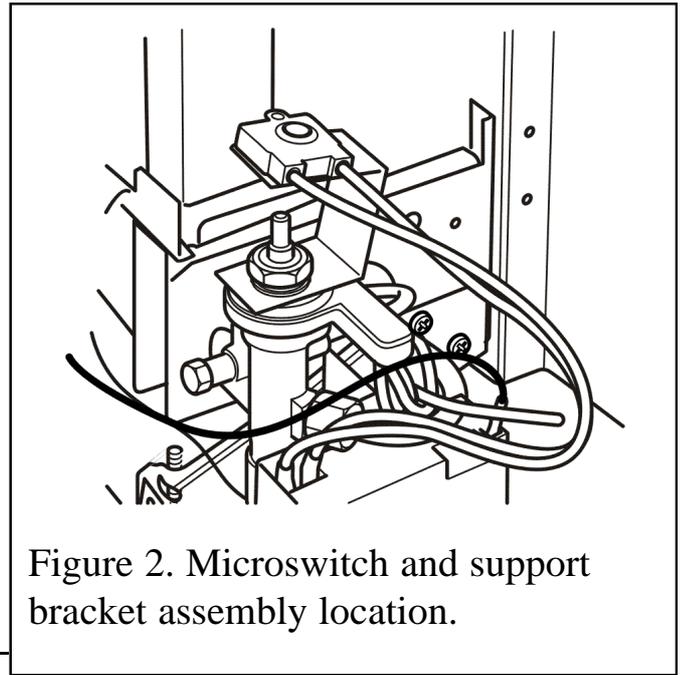


Figure 2. Microswitch and support bracket assembly location.

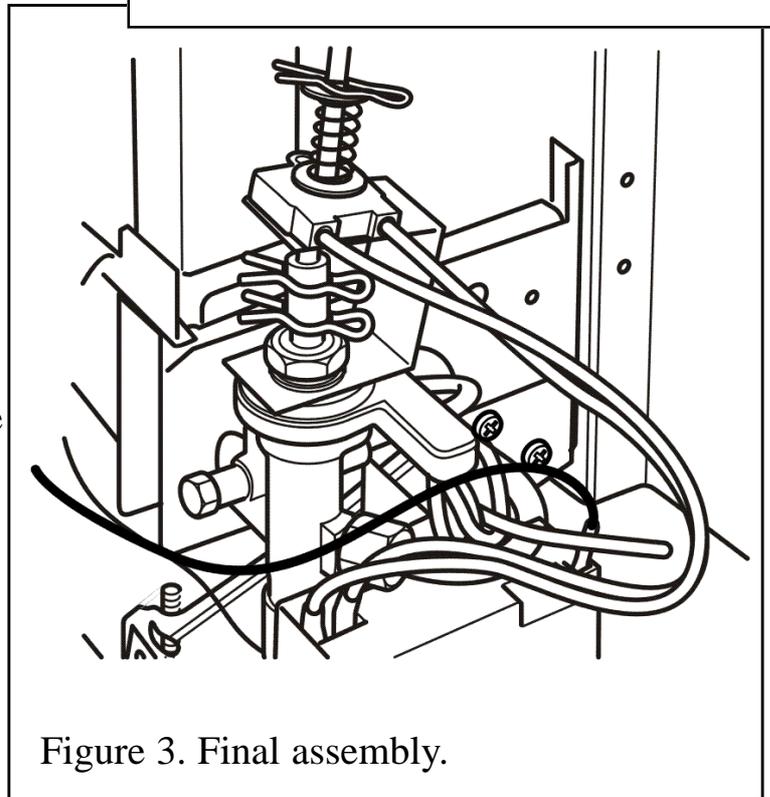


Figure 3. Final assembly.

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- When the pilot has lit keep the control knob depressed for about ten seconds to allow the flame sensing probe to warm up.
- The control control knob can then be set to your preferred heat level. The settings are: -

Control knob Position	Radiants Condition
2	Centre radiant(s) on low. Outer radiants off.
3	Centre radiant(s) fully on. Outer radiants off.
4	Centre radiant(s) fully on. Outer radiants on low.
5	All radiants(s) fully on.

To turn off partially depress the control knob and turn clockwise to off. **Wait at least three minutes before attempting to relight.**

4.2 Lighting with a match or taper.

- *Depress the control knob slightly and turn anticlockwise towards the I/IGN position.*
- *While keeping the control knob depressed, light the pilot by inserting a long match or taper into the pilot viewing opening (The pilot viewing opening will depend on the fascia fitted to the fire. Please refer to the Owner guide supplied with the fire).*
- *When the pilot is alight, keep the control knob depressed for about ten seconds to allow the flame sensing probe to warm up before setting to your preferred heat level.*
- *For your own convenience, have the heater serviced as soon as possible.*

4.3 Battery replacement.

1. The battery cover is located at the base of the fire on the right hand side. Unscrew the battery cover in an anticlockwise direction.
2. Remove the battery
3. Remove any protective film from the replacement battery and place into the generator. The negative (-) terminal should go in first. The cap of the generator is marked with (+).
4. Refit the battery cover.