

Signature S-3000 Series (August 2002 onwards)

Balcony Series (August 2002 onwards)

LPG (Propane) To Natural Gas Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply valve on the gas cylinder. Ensure that all gas controls on the barbecue are in the OFF position.

Disconnect the hose and regulator from the gas cylinder and disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench.

Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue. Remove the 'R' shaped locking clips that hold each burner in place and remove all burners from the barbecue.

The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue See Fig 1. Remove each gas injector from the end of each valve body using a 6mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.

Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (NG : '2.10') See Fig 3. When fitting the NG gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner.

The low fire adjustment screw is located on the lower right hand corner of the front of the valve body. The screw can be accessed from the front of the fascia by removing the control knob of each burner.

To set the low fire adjustment for NG, use a 4mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned counter-clockwise 3/4 turn.

3. Connecting The Natural Gas Hose And Regulator

Connect the Natural Gas hose and regulator to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten. Connect gas regulator to gas source line and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'Natural Gas' Gas Type label from its backing sheet and place this over the existing LPG Gas label to indicate that the unit is configured for Natural Gas. See Fig 4.

Fig 1



Fig 2



Natural Gas: 2.10mm Gas Injector
Propane: 1.27mm Gas Injector

Natural Gas To LPG (Propane) Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply to the barbecue and remove hose connection from bayonet point. Ensure that all gas controls on the barbecue are in the OFF position.

Disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench. Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue. Remove the R shaped locking clips that hold each burner in place and remove all burners from the barbecue.

The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue (See Fig 1). Remove each gas injector from the end of each valve body using a 6mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.

Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (Propane: '1.27') See Fig 2. When fitting the gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner. The low fire adjustment screw is located on the lower right hand corner of the front of the valve body. The screw can be accessed from the front of the fascia by removing the control knob of each burner.

To set the low fire adjustment for LPG, use a 4mm wide, flat blade screwdriver. Turn the screw all the way in (clockwise) until it can no longer turn.

3. Connecting LPG / Propane Hose And Regulator

Connect the gas hose to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten. Connect gas regulator to gas cylinder and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'LP - Propane' Gas Type label from its backing sheet and place this over the existing NG label to indicate that the unit is configured for LPG / Propane Gas. See Fig 4.

Fig 3

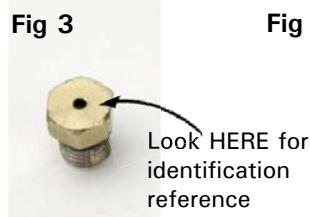


Fig 4

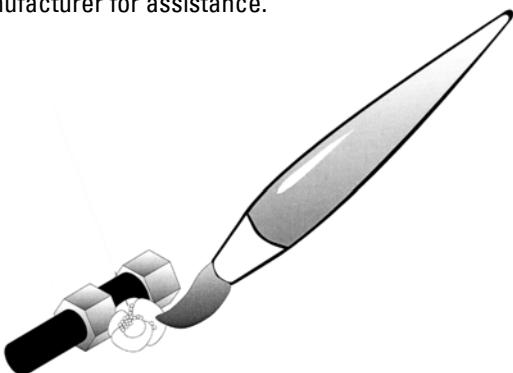


Gas Leak Test Procedure

Use the following procedure to check for gas leaks.

Never use a naked flame to check for gas leaks.

1. In a small container, mix up a solution of water and detergent or soap. Mix the solution well.
2. For LPG make sure that the gas supply valve on the gas cylinder is turned on. For NG make sure that the gas line is correctly fitted to the appliance.
3. Make sure that the gas control valves on the appliance are all turned off.
4. Using a brush or spray bottle apply the solution to the gas line and each join in the gas line.
5. Bubbling of the solution will indicate that there is a leak present.
6. Re-tighten or re-seal any joints that are leaking.
7. If a leak persists then contact your distributor or the manufacturer for assistance.



For Your Safety

If you smell gas:

1. Shut off gas to the appliance
2. Extinguish any open flame.
3. Open lid.
4. If odour continues, immediately call your gas supplier or your fire department.

For Your Safety

1. Do not store or use gasoline or other flammable vapours or liquids in the vicinity of this or any other appliance.
2. An LPG cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.



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Barbecue & Side Burner Gas Conversion Instructions

Signature S-3000 Series	(August 2002 onwards)
Balcony Series	(August 2002 onwards)
Discovery I-1000 Series	(August 2002 onwards)
BeefEater Side Burners	(All models)
Signature Series	(Prior to 2002)
2000 Series	(Prior to 2002)
Balcony Series	(Prior to 2002)
BeefMate Series	(All Models)

95165

BeefEater Barbecue Natural Gas Conversion Kit

Suits the following BeefEater models:

Signature S-3000 Series (August 2002 onwards)

Balcony Series (August 2002 onwards)

Discovery I-1000 Series (August 2002 onwards)

Kit includes

1 x N/G Hose and regulator

5 x 2.10mm Hex Head N/G injectors M5 Thread (Code: 040168)

1 x N/G Label



95155

Beefeater Barbecue Natural Gas Conversion Kit

Suits the following BeefEater models:

Signature Series (Prior to August 2002)

'2000' Series (Prior to August 2002)

Balcony Series (Prior to August 2002)

BeefMate Series (All Models)

Kit includes:

1 x N/G Hose and regulator

5 x 2.10mm Hex Head N/G injectors (Code: 95211)

1 x N/G Label

95164

Natural Gas Conversion Kit

Suits Discovery Series (2002 onwards)

Kit Includes

1 x NG Hose and Regulator

5 x 1.9mm Injectors

1 x NG Label

WARNING

All service to the appliance must be undertaken by a qualified gas service agent.

Do not smoke or use a naked flame within the vicinity of the appliance or gas line when performing gas conversion or service of any kind.

Always carry out a gas leak test after any work has been carried out on the appliance.

If your barbecue is fitted with an optional side burner, gas conversion must be carried out at the same time.

Always use the correct size socket spanner / wrench to remove or replace the gas injectors. Do not use pliers or any other type of tool that may squeeze the head of the gas injector. This may cause the gas orifice to change shape thereby adversely affecting the gas flow to each burner.

Gas injectors are made of brass and have a fine thread which must be treated with care when being handled. Remove and replace injectors with care.

Signature Series, 2000 Series and Balcony Series (Prior to August 2002)

BeefMate Series (All Models)

LPG (Propane) To Natural Gas Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply valve on the gas cylinder. Ensure that all gas controls on the barbecue are in the OFF position.

Disconnect the hose and regulator from the gas cylinder and disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench.

Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue. Remove the 'R' shaped locking clips that hold each burner in place and remove all burners from the barbecue.

The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue (See Fig 1).

Remove each gas injector from the end of each valve body using a 7mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.

Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (NG : '2.10') See Fig 2. When fitting the NG gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner.

The low fire adjustment screw is located inside the valve control spindle. (See Fig 2). Each adjustment screw can be accessed from the front of the fascia by removing the control knob from the valve spindle.

To set the Natural Gas low fire adjustment for the Ignition Valve: Use a 2.5mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned counter-clockwise 3/4 turn.

3. Connecting The Natural Gas Hose And Regulator.

Connect the Natural Gas hose and regulator to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten.

Connect gas regulator to gas source line and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'Natural Gas' Gas Type label from its backing sheet and place this over the existing LPG Gas label to indicate that the unit is configured for Natural Gas. See Fig 4.

Fig 1



Fig 2



**Natural Gas: 2.10mm Gas Injector
Propane: 1.27mm Gas Injector**

Natural Gas To LPG (Propane) Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply to the barbecue and remove hose connection from bayonet point. Ensure that all gas controls on the barbecue are in the OFF position.

Disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench. Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue. Remove the R shaped locking clips that hold each burner in place and remove all burners from the barbecue. The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue (See Fig 1). Remove each gas injector from the end of each valve body using a 7mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.

Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (Propane: '1.27') See Fig 2. When fitting the Propane gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner. The low fire adjustment screw is located inside the valve control spindle. (See Fig 2). Each adjustment screw can be accessed from the front of the fascia by removing the control knob from the valve spindle.

To set the Natural Gas low fire adjustment for the Ignition Valve: Use a 2.5mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned all the way in (clockwise) until it can no longer turn.

3. Connecting LPG / Propane Hose And Regulator

Connect the gas hose to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten. Connect gas regulator to gas cylinder and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'LP - Propane' Gas Type label from its backing sheet and place this over the existing NG label to indicate that the unit is configured for LPG / Propane Gas. See Fig 4.

Fig 3



Fig 4



Discovery Series Barbecues

LPG (Propane) to Natural Gas Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply valve on the gas cylinder. Ensure that all gas controls on the barbecue are in the OFF position.
Disconnect the hose and regulator from the gas cylinder and disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench.
Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue. Remove the 'R' shaped locking clips that hold each burner in place and remove all burners from the barbecue.
The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue (See Fig 1). Remove each gas injector from the end of each valve body using a 6mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.
Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (NG : '1.90') See Fig 2. When fitting the NG gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner. On the Ignition valve, the low fire adjustment screw is located on the lower right hand corner of the front of the valve body. (See Fig 3). On all other (Non Ignition) valves the low fire adjustment screw is located inside the valve control spindle. (See Fig 4). Each adjustment screw can be accessed from the front of the fascia by removing the control knob from the valve spindle.

To set the Natural Gas low fire adjustment for the Ignition Valve:
Use a 4mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned counter-clockwise 3/4 turn.

To set the Natural Gas low fire adjustment for Non Ignition Valves:
Use a 2.5mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned counter-clockwise 3/4 turn.

3. Connecting The Natural Gas Hose And Regulator.

Connect the Natural Gas hose and regulator to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten.

Connect gas regulator to gas source line and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

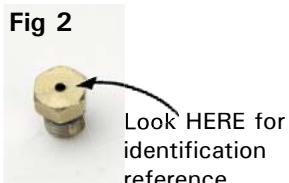
Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'Natural Gas' Gas Type label from its backing sheet and place this over the existing LPG Gas label to indicate that the unit is configured for Natural Gas. See Fig 4.

Fig 1



Fig 2



Natural Gas: 1.90mm Gas Injector
Propane: 1.15mm Gas Injector

Natural Gas to LPG (Propane) Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply to the barbecue and remove hose connection from bayonet point. Ensure that all gas controls on the barbecue are in the OFF position.
Disconnect the gas hose from the barbecue gas inlet using a 19mm open-ended spanner / wrench. Remove all cooking plates, grills, Vaporizers and heat reflectors (where fitted) from the barbecue.
Remove the R shaped locking clips that hold each burner in place and remove all burners from the barbecue.

The gas injectors for each burner are located within deep pockets on the front firewall of the barbecue (See Fig 1). Remove each gas injector from the end of each valve body using a 6mm socket spanner / wrench, turning gently in a counter clockwise direction. Be careful not to block the orifice at the end of the valve where the gas injector is fitted and do not remove any of the thread sealing compound from the orifice where the injector is located.

Check the identification mark stamped on the Hex Head of the injector confirm that it is the correct size (Propane: 1.15') See Fig 2. When fitting the gas injectors to the end of the valve body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must be carried out for each burner. On the Ignition valve, the low fire adjustment screw is located on the lower right hand corner of the front of the valve body. (See Fig 3). On all other (Non Ignition) valves the low fire adjustment screw is located inside the valve control spindle. (See Fig 4). Each adjustment screw can be accessed from the front of the fascia by removing the control knob from the valve spindle.

To set the Propane low fire adjustment for the Ignition Valve:
Use a 4mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned clockwise all the way in until it stops.

To set the Natural Gas low fire adjustment for Non Ignition Valves:
Use a 2.5mm wide, flat blade screwdriver. The Low fire adjustment screw must be turned clockwise all the way in until it stops.

3. Connecting LPG / Propane Hose And Regulator

Connect the gas hose to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten.

Connect gas regulator to gas cylinder and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'LP - Propane' Gas Type label from its backing sheet and place this over the existing NG label to indicate that the unit is configured for LPG / Propane Gas. See Fig 4.

Fig 4



BeefEater Side Burner (All Models)

LPG (Propane) to Natural Gas Conversion

1. Removing And Replacing Gas Injectors

Turn off the gas supply valve on the gas cylinder. Ensure that the gas control on the side burner is in the 'OFF' position.

Disconnect the hose and regulator from the gas cylinder and disconnect the hose from the side burner gas inlet using a 19mm open-ended spanner / wrench.

Open the lid and remove the trivet and burner assembly from the side burner.

The gas injector for the burner can now be accessed from the bottom of the burner cup. Remove the gas injector from the burner cup using a 7mm socket spanner / wrench, turning gently in a counter clockwise direction to undo. Be careful not to block the orifice where the gas injector is fitted.

When fitting the new NG gas injector to the side burner, body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must now be carried out for the side burner. The low fire adjustment screw is located inside the valve spindle. To access, the screw, remove the control knob from the spindle. Then, use a fine 2.5mm flat head jewellers screwdriver to set the low fire adjustment.

The Low fire adjustment screw must be turned counter-clockwise 3/4 turn.

3. Connecting The Prefitted Natural Gas Hose And Regulator

Connect the gas hose to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten.

Connect gas regulator and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'Natural Gas' Gas Type label from its backing sheet and place this in a prominent position on the appliance to indicate that the unit is configured for Natural Gas. See Fig 3.

Natural Gas to LPG (Propane) Conversion

1. Removing and Replacing Gas Injectors

Turn off the gas supply valve. Ensure that the gas control on the side burner is in the 'OFF' position.

Disconnect the gas hose from the side burner gas inlet using a 19mm open-ended spanner / wrench.

Open the lid and remove the trivet and burner assembly from the side burner.

The gas injector for the burner can now be accessed from the bottom of the burner cup. Remove the gas injector from the burner cup using a 7mm socket spanner / wrench, turning gently in a counter clockwise direction to undo. Be careful not to block the orifice where the gas injector is fitted.

When fitting the new Propane gas injector to the side burner, body be sure to seat the injector correctly on the thread before turning it in a clockwise direction until it is seated firmly in place. Do not to overtighten.

2. Adjusting Low Fire Control Screw

The low fire adjustment must now be carried out for the side burner. The low fire adjustment screw is located inside the valve spindle. To access, the screw, remove the control knob from the spindle. Then, use a fine 2.5mm flat head jewellers screwdriver to set the low fire adjustment.

The Low fire adjustment screw must be turned clockwise all the way until it stops.

3. Connecting The Propane Hose And Regulator.

Connect the gas hose to the gas inlet on the barbecue using a 19mm spanner / wrench. Tighten firmly but do not overtighten.

Connect gas regulator to gas cylinder and perform a gas leak test as per instructions in the barbecue operating and assembly instructions.

4. Replace All Burners Into Position In The Barbecue.

Refit the locking clips that hold each burner in position. Replace all Vaporizers, cooking plates and grills. Check the operation of each burner.

5. Peel the 'LP - Propane' Gas Type label from its backing sheet and place this in a prominent position on the appliance to indicate that the unit is configured for Propane. See Fig 3.

**Natural Gas: 1.70mm Gas Injector: M6 thread (code: 040170)
Propane: 1.05mm Gas Injector: M6 thread (code: 040169)**

Fig 1

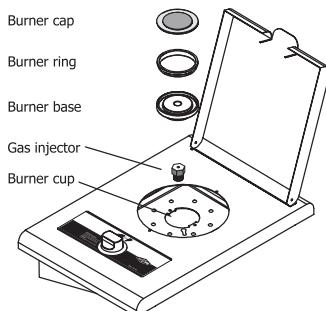


Fig 2



Fig 3

