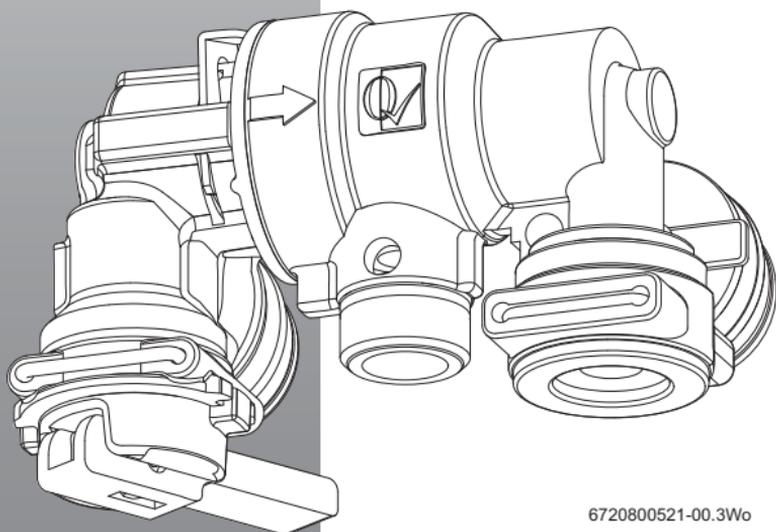


INSTALLATION AND OPERATING MANUAL

7 716 192 610

KEYLESS CA FILLING LINK

FOR WALL HUNG CONDENSING COMBINATION BOILERS



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UK/IE

 **WORCESTER**
Bosch Group

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1 SYMBOLS & SAFETY PRECAUTIONS

1.1 EXPLANATION OF SYMBOLS

Symbol	Meaning
1.	a numbered step in an action sequence
▶	a step in an action sequence
①	a reference number to identify or refer to a part or item
•	a list entry
–	a list entry (second level)

1.2 SAFETY PRECAUTIONS

IF YOU SMELL GAS!

- Extinguish any naked flames
- Do not smoke or strike matches
- Do not turn electrical switches on or off
- Open doors and windows
- Keep people away from the affected area
- Turn off the gas control valve at the meter
- Call the National Gas Emergency Service on: 0800 111 999

BOILER OPERATION:

This boiler must only be operated by a responsible adult who has been instructed in, understands and is aware of the boiler's operating conditions and effects.

PLEASE READ THESE INSTRUCTIONS CAREFULLY

These instructions are applicable to Worcester, Bosch Group boilers only.

These instructions apply in the UK/IE only and must be followed except for any statutory obligation.

After installation please leave this manual with the user.

2 PRODUCT INFORMATION

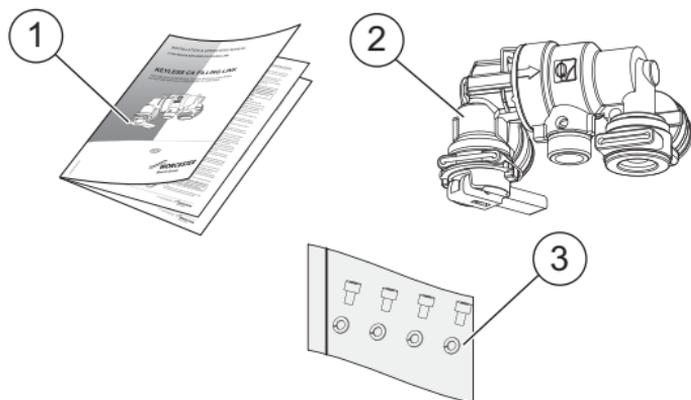
2.1 SUPPLIED PARTS

Check that the following parts are contained within the pack:

Keyless Filling Link Assembly 8 718 689 275 (including filter 8 718 689 347)

4 x Socket Head Cap Screw M4 x 6mm 2 910 141 116

4 x M4 Lock Washer 2 916 699 130



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Fig. 1 Filling link kit

- [1] Installation and operation manual
- [2] Keyless filling link assembly (including filter)
- [3] Fitting screws and washers

3 GENERAL DESCRIPTION

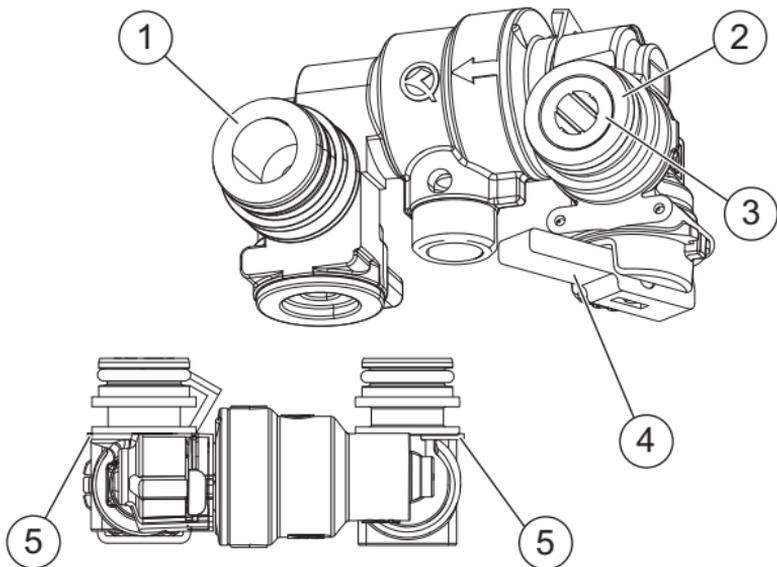
The Keyless filling link is a Type CA, non-verifiable disconnecter.

The filling link has a backflow prevention device and can be left permanently connected to the heating system.

The filling link is located under the boiler and requires the bottom panel to be removed to gain access.

Please consult your boiler Installation, Commissioning and Servicing manual for instructions on how to remove and replace the bottom panel.

Replace the bottom panel after the re-pressuring procedure.



- [1] Central heating return connection
- [2] Domestic cold water connection
- [3] Filter
- [4] Filling lever
- [5] Stop tabs

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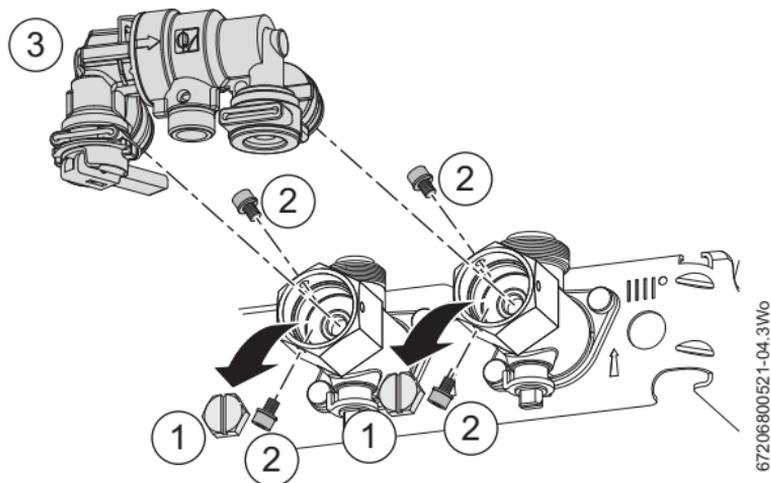
4 FITTING THE FILLING LINK

The manifold shown has hexagonal connection, some manifolds have octagonal connections, the fitting method is identical.



There may be mains and system water pressure present behind the blanking plugs, ensure that the isolating valves are closed.

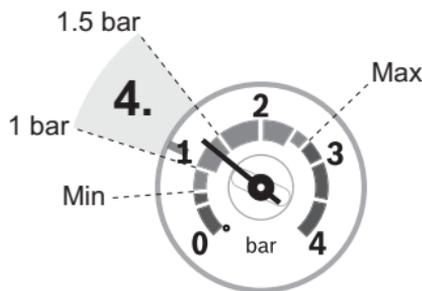
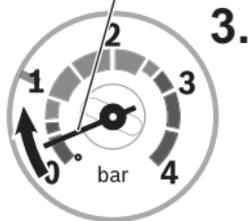
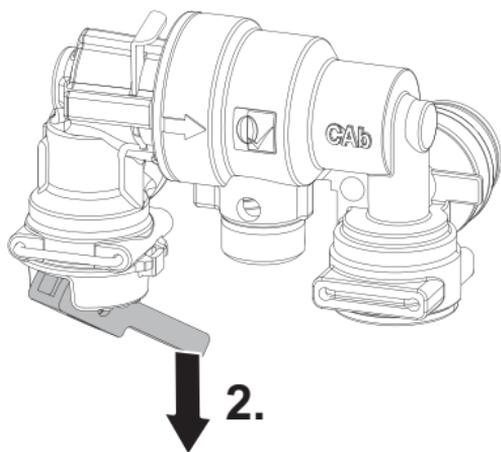
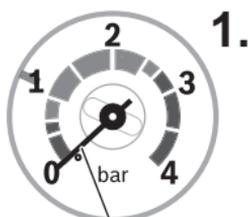
- ▶ Close the isolating valves on the DHW inlet and CH return connections.
- ▶ Unscrew and remove the blanking plugs from the DHW inlet and CH return connections.
- ▶ Ensure that the filter is positioned inside the inlet of the filling link.
- ▶ Assemble the filling link onto the DHW inlet and CH return connections.
- ▶ Ensure that the filling link is pushed in fully up to the stop tabs on both sides of the filling link.
- ▶ Fit two screws and lock washers in each of the isolating valves.
- ▶ Open the isolating valves on the DHW inlet and CH return connections.



- [1] Blanking caps
- [2] Securing screws
- [3] Filling link

5 FILLING THE SYSTEM

1. If the needle on the appliance pressure gauge reads less than 1 bar, re-charge the system.
2. Pull the blue lever down to start the filling process.
3. Monitor the pressure gauge.
4. When the needle reaches between 1 to 1.5 bar on the gauge, release the blue lever to stop the filling process.



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Worcester, Bosch Group is a brand name of
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6 720 800 521 (2013/06)

