

Technical service bulletin Electrode Maintenance

Buderus



All work must be performed by a licensed contractor.

Affected Appliances:

- ▶ GB312 (all models)

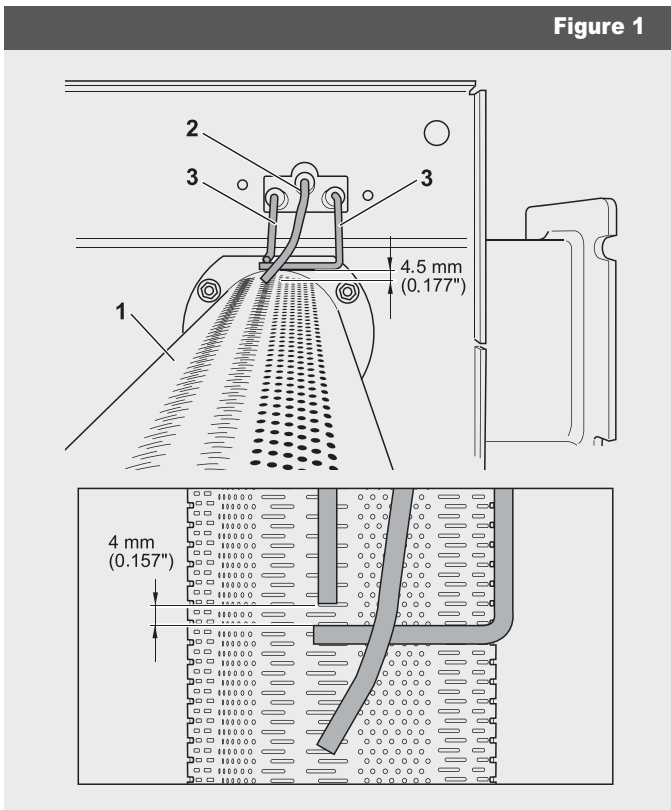
Summary:

In order to prevent delayed ignition, proper electrode maintenance is required annually in accordance with the installation manual. This bulletin serves as a supplement to the maintenance requirements in the GB312 Installation and Service Instructions (Doc# 6720806273)

Servicing Burner Electrodes

Checking and adjusting electrode position

- ▶ Measure the distances between the electrodes as shown in Fig. 1 and adjust as necessary.



Legend - Fig. 1

- [1] Burner tube
- [2] Ionization electrode
- [3] Ignition electrode

- ▶ Undo the screws on the electrode bracket. (Fig. 2, pos. 1)
- ▶ Adjust the electrode bracket so that the electrodes are in the position shown in Fig. 1.



A SW 4 mm Allen key can be used as gauge for checking the gaps.

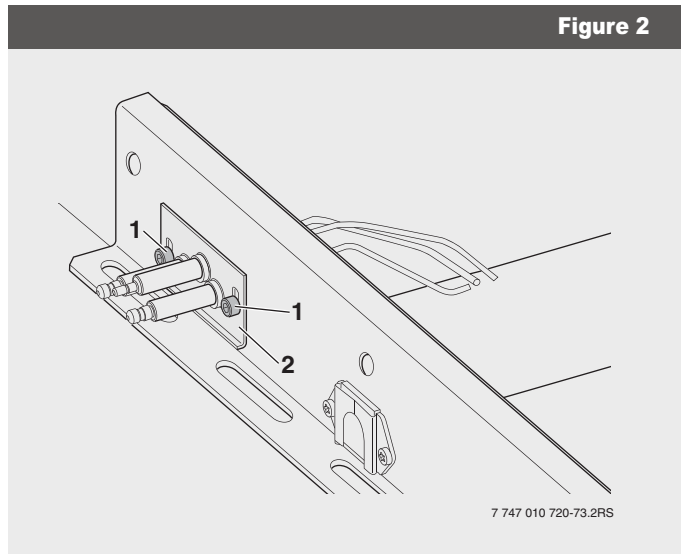
- ▶ Tighten the screws on the electrode bracket.

Length

- ▶ Check how far the electrode has burned down, i. e. the ignition electrode gap.



Replace bent, excessively worn, or deformed electrodes.



Legend - Fig. 2

- [1] Bolt
- [2] Electrode bracket

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