

# TECHNICAL BULLETIN

## PRODUCT: RIELLO RDB BURNERS

### FITTING RIELLO RDB CROSS FIRING BURNERS:

#### Ensuring the burner is sealed to the mounting flange

When fitting a Riello cross firing burner that has an O-ring flange seal, please ensure the following guidance is observed:

**NOTE: Always check that the O-ring seal (8-716-109-341-0) around the burner head is in good condition before presenting the burner to the flange.**

- ▶ Push the burner into the flange (see Fig. 1).

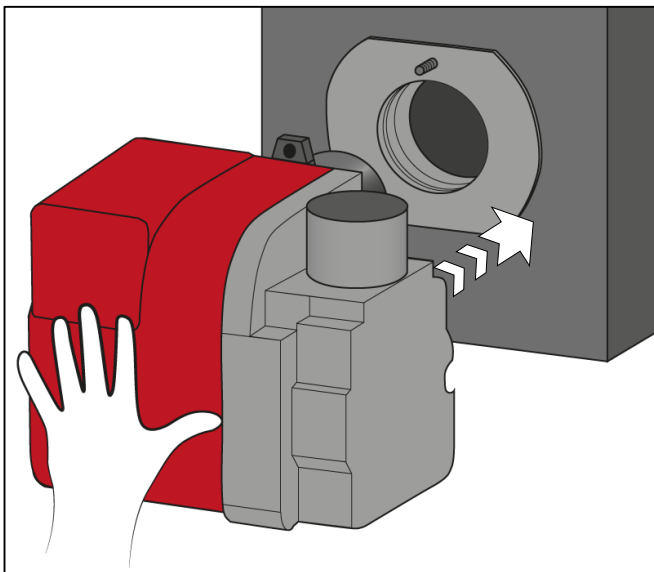


Fig. 1 Pushing in the burner

- ▶ Ensure that the O-ring seal is fully engaged into the flange before fitting the burner retaining nut.
- ▶ The seal between the burner and its mounting flange must form a gas tight seal to prevent leakage of potentially dangerous gases from the combustion chamber (see Fig. 2).

**NOTE: The retaining nut may not pull the burner into the flange. The burner must be fully engaged in the flange before the retaining nut is fitted & tightened.**

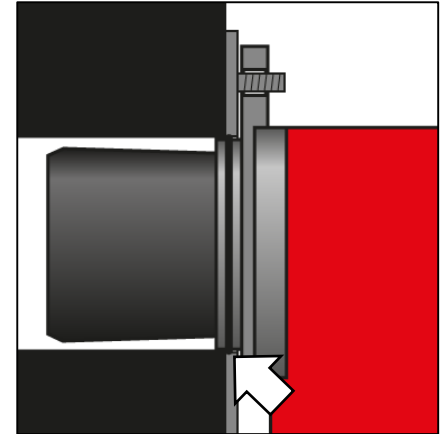


Fig. 2 Sealing the burner to the flange

- ▶ Ensure the burner is supported in position whilst the retaining nut is fitted & tightened (see Fig. 3).

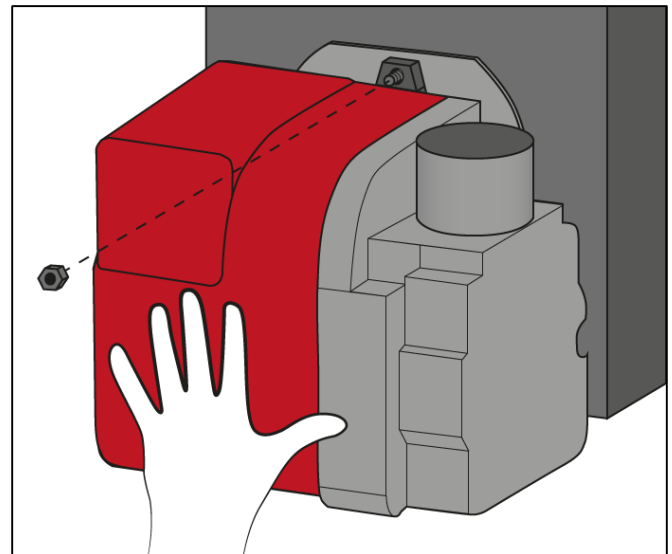


Fig. 3 Holding the burner in position & fitting the retaining nut

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