

## Ignition Transformer Adaptor, Part No. 7822 467

for Vitodens 200

Please file in Service Binder

### Safety and Installation Requirements

Please ensure that these instructions are read and understood before commencing installation. Failure to comply with the instructions listed below can cause **product/property damage, severe personal injury, and/or loss of life.**

#### Working on the equipment

The installation, adjustment, service, and maintenance of this product must be done by a **licensed professional heating contractor** who is qualified and experienced in the installation, service, and maintenance of hot water boilers. There are no user serviceable parts on the boiler, burner, or control.

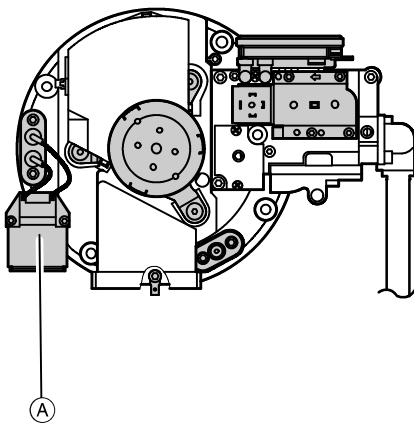
Ensure **main power** supply to equipment, the heating system, and all external controls has been **deactivated**. **Close main gas supply valve**. Take precautions in all instances to avoid accidental activation of power during service work.

It is not permissible to perform service work on any component parts ensuring safe operation of the heating system. When replacing parts, use original Viessmann or Viessmann approved replacement parts.

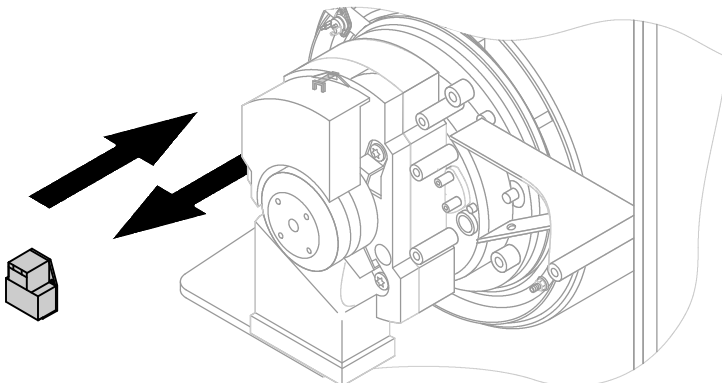


*Ensure that the installation literature of other components of the Vitodens 200 boiler is referenced.*

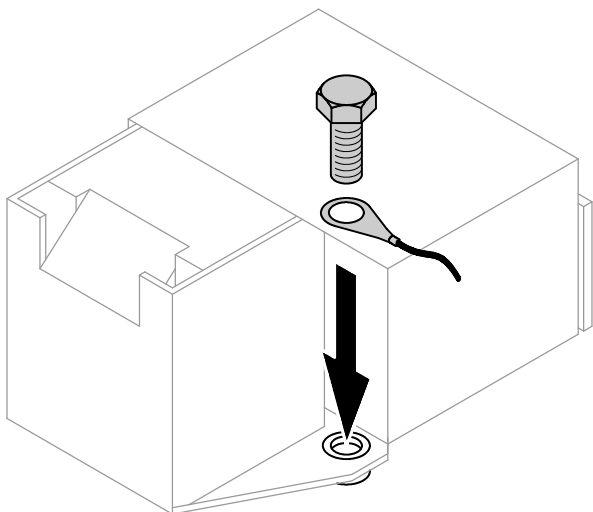
### Exchanging the Ignition Transformer



1. Close main gas supply valve.
2. Open flip-down cover of front enclosure panel (by exerting slight pressure with fingertip) and switch off system on/off switch.
3. Turn off power supply to boiler and ensure that power supply cannot be accidentally activated during the duration of the service work.
4. Disconnect all wiring from the ignition transformer (A).
5. Remove ignition transformer by removing two screws and screw extensions. Leave the screw spacer in.

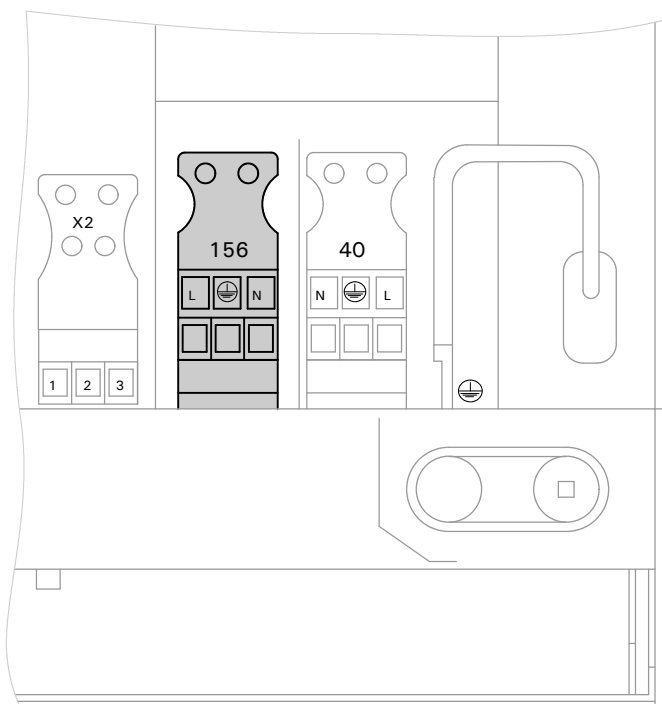


### Exchanging the Ignition Transformer *(continued)*



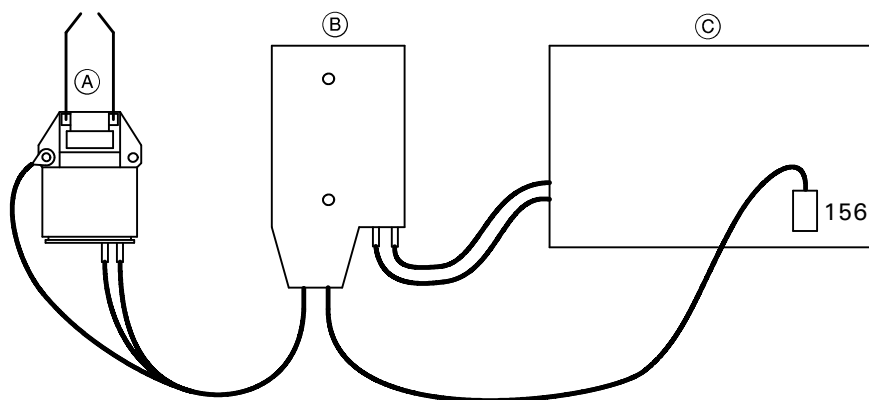
6. Install new ignition transformer and connect ground wire of the ignition transformer adaptor to the metal bushing side of the transformer mounting hole.
7. Reconnect all wiring to the ignition electrodes of the ignition transformer.

### Connecting the Adaptor



8. Open control housing.
9. Remove wires from 156 plug and route through rubber grommet (existing wiring). Reconnect to 156 plug (blue to N, brown to L).
10. Connect the adaptor's 3-pole plug to terminal 156 of the control. If terminal 156 is already occupied, cut off the 3-pole plug of the adaptor and connect the individual wires to terminal 156 of the control.
11. Close control housing.

## Connecting the Adaptor *(continued)*



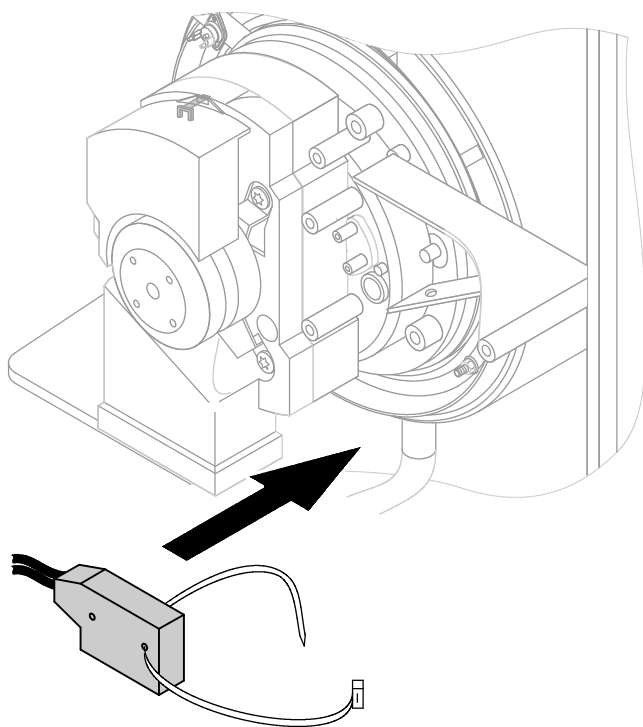
### Legend

- (A) Ignition transformer
- (B) Adaptor
- (C) Control

**13.** Connect wires with insulated terminals "54 +" and "54 -" to the adaptor (B). Polarity is immaterial.

**14.** Connect cables with insulated terminals from the adaptor to the ignition transformer (blue to N, brown to L).

## Securing the Adaptor



**15.** Secure the adaptor on the condensate drain underneath the heat exchanger using a plastic tie.

**16.** Reinstall cover panel and front panel.

## Check for Proper Operation

Start-up heating system and check for proper operation.



*Vitodens 200  
Start-up/Service Instructions*

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