R E M O V A L

This kit contains all the parts needed to fit the later type metal plate DHW heat exchanger to COMBIcompact combination boilers which have the original type DHW heat exchanger (see figs A and B).

- Remove the original DHW heat exchanger

- Isolate gas and electrical supplies to the boiler.
- Turn off the boiler central heating service valves and drain the boiler.
- Turn off the DHW cold water inlet service valve. Open a hot tap and drain the DHW pipework.
- Remove front case and screen plate.
- Remove left hand side panel.
- Slacken sleeve nut (1, fig. A) on the lower front side of the DHW heat exchanger and collect any remaining water in a suitable container.
- Unscrew four sleeve nuts and remove the DHW heat exchanger.
- Transfer the hot water temperature limiter (if fitted) on old connection tube (5, fig. A) to new connection tube (5, fig. B).
- Disconnect and discard the connecting tubes (7, 5, 2, fig. A).

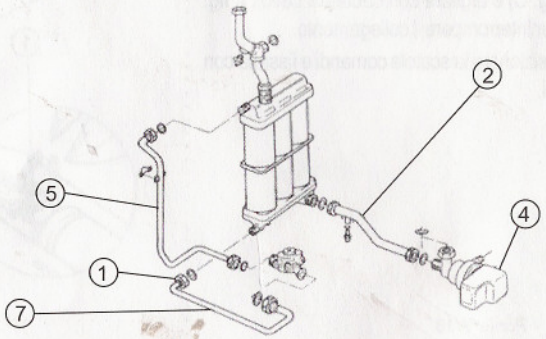

Fig. A - DHW heat exchanger (old)

F I T T I N G

- Fit new DHW heat exchanger

- Fit the connecting tubes (7, 5, 2 and 3, fig. B), using the new washers supplied.
- Connect new plate metal DHW heat exchanger (6, fig. B) supplied.

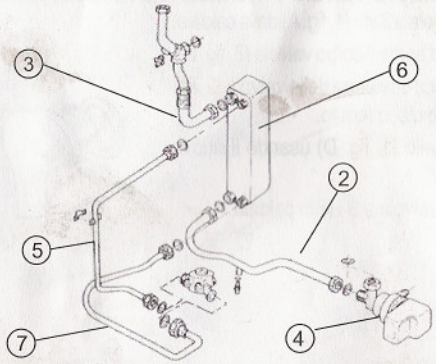

Fig. B - DHW heat exchanger (new)

- Boilers installed in hard water areas ONLY

Note: Where a plate heat exchanger is used as a replacement for the original heat exchanger in a hard water area (e.g. the original unit has become blocked with scale deposits) the following should also be carried out:

- Check the scale reducer

In hard water areas, the cold water supply to the COMBIcompact boiler should be via a scale reducer. Check that a scale reducer has been fitted, and that it has been correctly and regulary maintained in accordance with the instructions supplied with the scale reducer by the manufacturer of the unit

F I T T I N G

- Cut link wire (W18) on electronic board

(boilers with 'Hybrid' circuit boards only).

- Ensure that the electrical supply to the boiler has been isolated.
- Remove four screws and slide front of control box forward to access electronic circuit board.
- Identify bridge wire W18 on electronic circuit board (2, fig. C) and carefully cut wire (1, fig. C) to break this link.
- Slide control box front cover and circuit boards back into control box & replace screws.

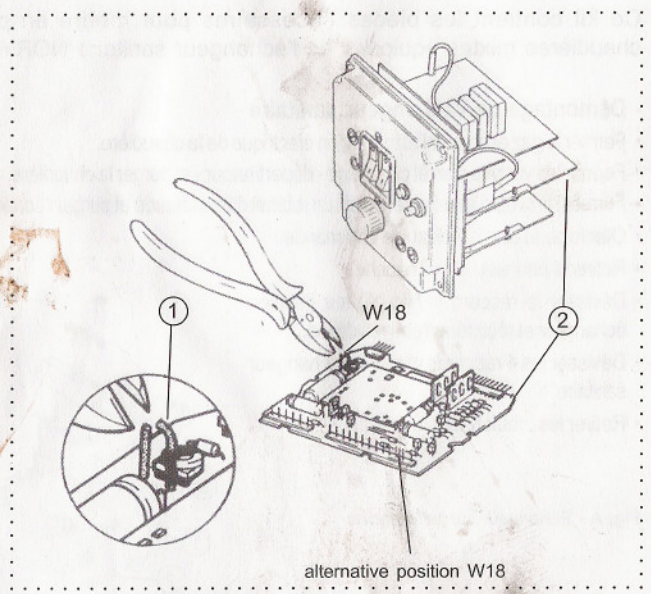

Fig. C - Link wire W18

F I T T I N G

- Fit new diverter valve disc

- Remove diverter valve (4, fig. A) from boiler.
- Remove 3 screws and lift off valve base (3, fig. D).
- Replace valve diverting disc (2, fig. D) with new disc supplied.
- Replace valve base using new packing ring (1, fig. D) supplied.
- Refit diverter valve into boiler.S

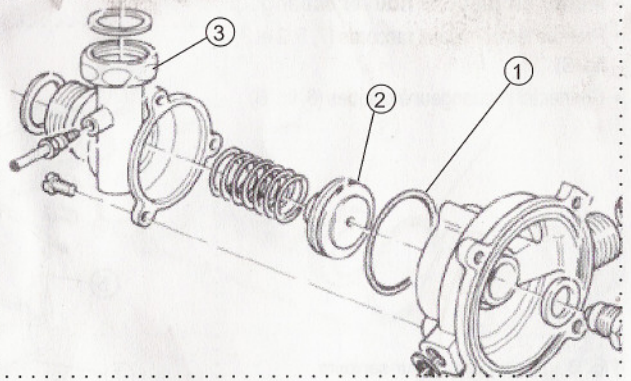

Fig. D - Diverter valve

- Refill & recommission the boiler

- Open the DHW cold water inlet service valve and close the hot water tap once the pipework is purged of air.
- Open boiler central heating service valves and refill the boiler. Repressurise the system as necessary.
- Turn on gas and electrical supplies. Check for gas soundness.
- Check correct operation of the boiler.