

## Instructions For Diverter Valve Service Kit 6281540 For Format C and Format HE Boilers

**The following procedure should be followed to avoid damage or malfunction.  
Silicone grease should be used to ease assembly of all "O" ringed connections.**

### Removal

Isolate boiler and drain using drain vent (not 3 bar valve).  
Turn off cold water isolation valve and open a hot tap.  
Remove the diverter valve microswitch assembly.  
Remove the microswitch actuator button from diaphragm head.  
Remove the 3 screws securing the plate heat exchanger.  
Remove the plate heat exchanger and recover the 4 "O" rings.  
Carefully remove the large "U" clip securing end plug at LHS of diverter valve, a spring is being retained by this plug and could force out the plug.  
Remove the plug and spring.  
Remove the second large "U" clip at RHS of assembly (note odd length pins).  
Remove the diaphragm head.  
Remove the spindle complete with one bush and spacer from RHS of diverter.  
Remove second bush from LHS of diverter.  
Note that the coned face of the bushes face each other.  
Note \*: *Before disassembly mark across diaphragm head to ensure correct reassembly.*  
Carefully remove the 8 screws securing the two halves of the head.  
Note the position of the springs before removing the diaphragm.  
Replace the diaphragm ensuring springs are fitted correctly.  
Replace top ensuring correct position \*.

### Assembly

Fit spindle into diaphragm head (short end from circlip into head).  
Fit the small "O" ring into recess in the bushes.  
Fit larger "O" ring to outer edge of the bushes.  
Fit one bush onto spindle (flat side first).  
Fit spacer onto spindle.  
Fit this assembly into diverter and secure with "U" clip.  
Fit second bush onto spindle, curved side first.  
Fit spring onto spindle.  
Fit end plug ensuring spindle is fitted into hole in pillar.  
Refit remaining parts.

