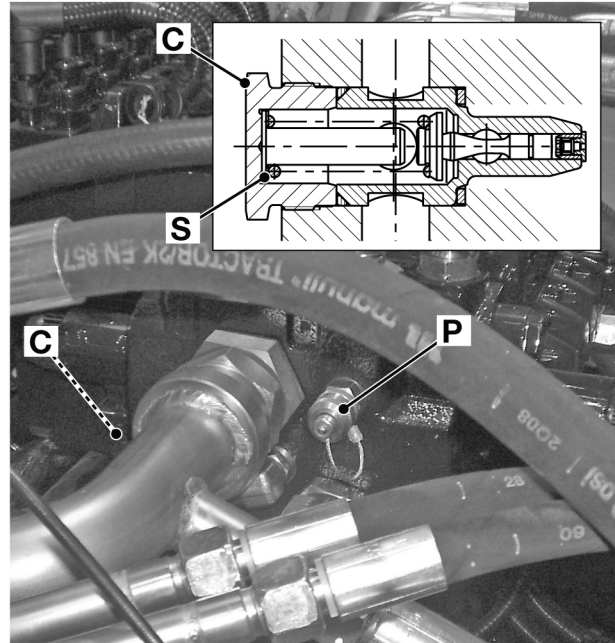
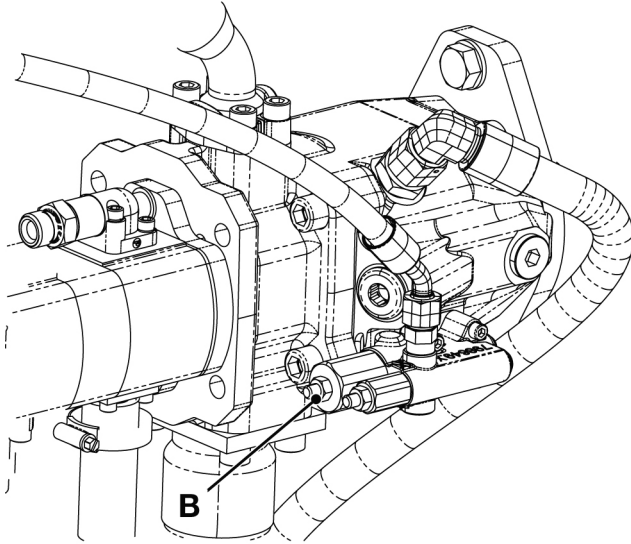


### Pressure Testing

#### Maximum System Pressure



C097220

Fig 1.

Connect a 0-400 bar (0-6000 lbf/in<sup>2</sup>) pressure gauge to test point **P** on the end section of the spool valve slices.

Disable the time and pressure controlled kick-out on the spool to be operated. Ensure that there is no implement connected to the relevant quick release couplings so that the closed coupling can hold the M.R.V. pressure.

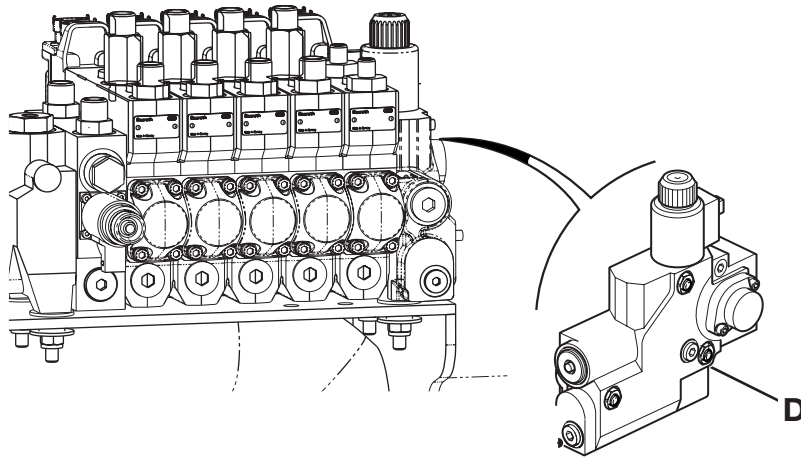
Run the engine at 1500 r.p.m., select the spool to ram extend or retract position. Check the gauge reading against the maximum system pressure setting in **Technical Data**.

If necessary, adjust the setting at screw **B** on the piston pump.

**Important:** Do not try to increase the pressure above the specified setting as the pressure is also controlled by valve **C**. Increasing the pressure above the recommended setting will cause severe overheating of the hydraulic system. Do not disturb valve **C** unless the pressure is very

low and cannot be corrected by screw **B**. In this case, valve **C** can be removed, cleaned and refitted. Make sure that all the parts of the valve are refitted in their original positions (including any shims **S**).

### Pilot Stand-by Pressure



**Fig 2.**

C070540-B5

Connect a 0-40 bar (0-600 lbf/in<sup>2</sup>) pressure gauge in place of plug **D**.

Operate any spool to activate the load sensing system, then select neutral.

**Important:** *The gauge reading must be checked within 1 minute of the spool having been operated otherwise the reading will not be correct.*

Check the gauge reading with the engine running at low idle against the pilot stand-by pressure setting in **Technical Data**.