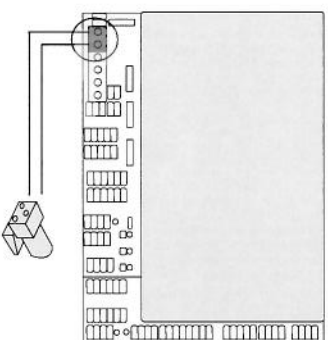


Installation
Step **6**

6. Connecting a Drive Unit

See the documentation that came with your drive unit for installation advice.

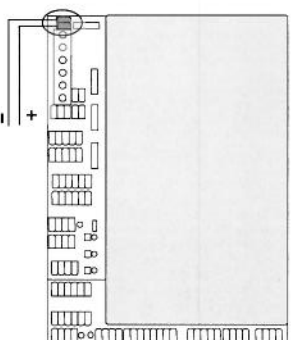


Two wires from the drive unit motor connect to PL2. Polarity is not important at this stage.

If the cables need to be extended, ensure that the correct cable rating is used.

The table on page 26, for the heavy duty supply, can be used as a guide in case of uncertainty

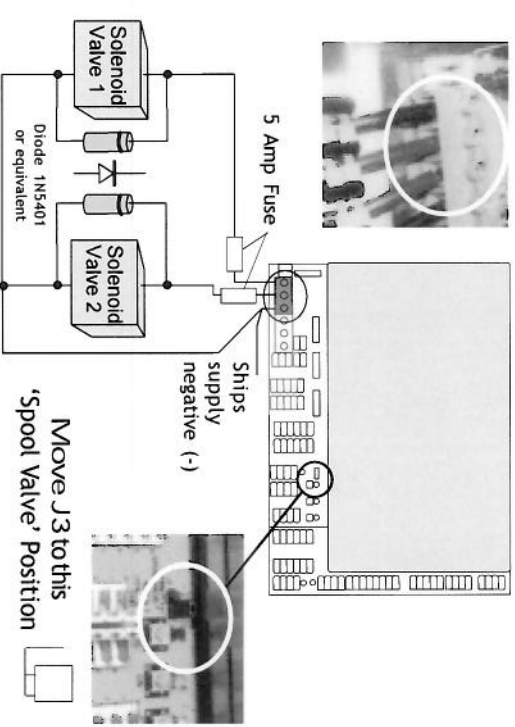
If a clutch solenoid needs controlling, connect it to PL1, as shown below.



Connect any cable screens to the fixing 'tongue' (as shown on page 13).

6.1 Connecting Solenoid Operated Spool Valves

If solenoid operated spool valves need controlling, connect them to PL2 and move the Jumper J3 to the right.



Diodes are required across the solenoids, sometimes they are built in, if not, fit 1N5401's or equivalents, as close as possible to the solenoids.

It is recommended that 5 Amp Fuses are fitted in the Drive Lines to the Spool Valves.

The solenoids are wired 'common ground', ensure all other equipment wired to the solenoids is also common ground, otherwise damage may occur.



6.2 Dual Rate Output

When the autopilot applies more than 10° of rudder, PL6 outputs a signal. This can be up to 5 amps at the heavy duty supply voltage. It is intended for hydraulic systems configured for dual rate operation.

