

OPERATING AND SAFETY INSTRUCTIONS
PRESSURE GAUGES AND MOUNTING BLOCKS

SAFETY PRECAUTIONS

The use of Hi-Force pressure gauges is recommended for all applications to ensure accurate monitoring of system pressure, and prevent accidental overload.

Never exceed the rated capacity of the gauge or hydraulic system.

In the event of accidental overload the gauge should be replaced or recalibrated to ensure correct readings are maintained.

Ensure that the gauge being used has the correct scale for the cylinders in the system. If there is any doubt, read only from the pressure scale.

Where systems are subject to pressure shock or constant pressure fluctuations a gauge isolator or damper is recommended.

Pressure gauges are measuring instruments and should be treated with care.

The correct Hi-Force gauge mounting block should always be used.

Investigate all leaks from the system immediately.

OPERATING INSTRUCTIONS.

Select a suitable position within the system for the pressure gauge mounting block. The gauge block should preferably be mounted to a rigid component such as a cylinder or pump. Hi-Force mounting blocks are supplied with 3/8" NPT threads; male at one end and female at the other. The pressure gauge connection is 1/2"-14 NPT female.

Wrap the male threads on the gauge block with PTFE tape and screw the block into the selected position using a 28mm spanner. Orient the block so that the gauge will be easily visible.

Connect the hose/pipe to the other end of the block using the correct adaptors and tighten securely.

Wrap the pressure gauge threads with PTFE tape and screw the gauge into the mounting block using a 22mm spanner. Orient the gauge so that it will be easily visible.

Pressurise the system and check for leaks.