

AX Ring and Insertion Tool

The **AX Tool** consists of a hydraulic ram between two pivoting pads. The tool is held in the manipulator but is actuated from the surface.

The ram is 314 mm long when closed, extended to 469 mm when actuated. It exerts up to 3.5 tonnes of force on the AX Ring. Operation of the AX Ring Tool is through the vehicle multiplex system, and 1000 psi of hydraulic pressure is tapped from the manipulator supply.

Operation from the surface is through an SPDT switch applying either activate or release signal to the system's multiplexer. The appropriate signal received at the vehicle operates a hydraulic valve within the hydraulic control unit.

The tool itself is mounted in the manipulator jaws and held on a horizontal plane. Connection of the tool to the hydraulic control unit is via 1 quarter inch I.D. B13 armoured hose utilising quick connectors for ease of the installation.

