

XT 150 prop installation procedure.

Step one:

Ensure that the following is on site:

- The number of props to be installed.
- A head board for each prop.
- Compressed Air and water hoses.
- Pump and High pressure hose set complete with Filler Pistol, Latch and Poud. set to the correct pressure.
- A pinchbar suitable for the stoping width.
- A hammer.
- A demarcated hanging wall according to Mine standard.
- The panel must be barred and water down.
- A XT 150 setting tool.

Step two:

- Follow starting up pump procedures.
- Ensure the Foot wall is clean and solid.
- Bring the prop in an up right position.
- Place and hook the Head Board on top of the inner tube plate.
- Connect the High pressure hose connector to the pre stress device at the bottom of the prop.
- Fit the setting tool around the inner tube resting it on the Yield block plate. (Cadge)
- By pressing down on the Setting tool handle, drag the inner tube upwards until the Head Board is pressed against the Hanging wall.
- Ensure the prop is installed 90 deg. to Hang wall , Foot wall and on Dip.
- Ensure that everybody is away from the installation between permanent support.
- Press Filler Pistol trigger and pump the prop to 20ton.
- Make safe and inspect the pre stress device for leakages.
- Move onto the next installation

Step three:

- The XT 150 Prop can be released if the installation is found to be faulty.
- Turn the prop up side down.
- Lift the outer tube upwards and let the prop slide down to it's closed position.
- To reinstall, follow " Step Two"

Step four:

- Follow closing down pump procedures.
- Store all equipment in a safe place.