

RB 80 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.
- Remote release tool complete with 5m release cable.
- 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.

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 Cylinder head or extention piece.
- Connect the High pressure hose connector to the filler valve of the prop.
- 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 prop for leakages.
- Move onto the next nd installation.

Step three:

- The RB 80 Prop can be released if the installation is found to be faulty.
- Flush the filler valve to ensure all grid has been washed out, wash the remote release tool and insert and secure to the filler valve.
- Hold the remote release tool cable and move back in to supported area, pull the cable and the prop will release on it's own weight and fall over, pull the prop towards you.
- Inspect the hang and make safe according to your Mine's standards.

Step four:

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