



# SAFETY

## Safety & Handling

- As with all air driven tools, certain safety measures must be observed ..
- Wear appropriate PPE when working on hammers (i.e. gloves, safety glasses and steel cap boots).
- Never perform maintenance or inspection of the hammer until all air pressure has been released from the hammer.
- All maintenance and hammer inspections should be carried out when the hammer has been taken from the rig.
- Only use appropriate break out tools to dismantle hammers and changing of bits.
- Use appropriate lifting equipment to handle hammers
- Use appropriate diagrams for assembly and dismantling of hammers.
- Always be aware of moving parts inside the hammer and the hammer to bit closure on the drive sub.
- When the top cylinder and drive sub have been removed from the Hammer, internal parts are no longer secured in place. These parts may fall out causing injury.
- Work on Hammers when they are in a stable position, preferably horizontal.
- Always work in a safe and clean work area
- Sharp edges may develop on some worn parts. Always use gloves when handling Hammers, as a whole or when dismantling.
- Observe standard procedures when various drilling fluids and lubricants have been used. Refer to MSDS (material safety data sheets) information.
- Noise reduction devices (PPE) should be used when hammer is in operation.