



Rod-Out Tools

Checklist items & Recommended Procedure

1. **Wire Rope** (cable used in Angle 90 and Angle 60 models) If cable is unwound, separated, kinked, corroded or has broken strands, do not use. Replace with factory parts kit or return to factory for repair.
2. **Tubing** – If tubing is bent, dented, crushed, cracked or otherwise damaged, replace with factory parts kit or return to the factory for repair.
3. **Safety Stop** (blowout preventer) Retract handle fully until it stops. If handle and push rod do not stop when retracted, replace with factory parts kit or return to the factory for repair.
4. **Cutter** – (drill bit) If cutter is dull, sharpen before use. If cutter is broken, replace with factory parts kit or return to the factory for repair.
5. **Push Rod** – If push rod is scratched, bent or otherwise damaged, replace with factory parts kit or return to the factory for repair. Warning – do not attempt repair without a factory parts kit.
6. **Packing Gland** – Inspect to insure packing is in good condition. If packing is damaged and cannot be leak tight, replace with factory parts kit or return to the factory for repair.
7. **Packing Gland Tightened** – Check to be certain that packing gland nut is securely fastened and that packing does not leak.
8. **Fittings & Joints** – Check condition of fittings. If fittings are damaged or leak during pressure testing, return to the factory for repair.
9. **Pressure Gauge** – If pressure gauge is broken, damaged or fails to zero, return to the factory for repair. Warning – do not use tool without a properly functioning pressure gauge.
10. **Vent Valve** – If vent valve leaks, handle does not turn, or is missing the safety locking lever, return to the factory for repair.
11. **Pressure Test** - On test bench, bring pressure up to operating pressure on gauge. If tool leaks at joints, tighten, being careful not to over tighten. If tool leaks at packing gland, replace packing. If the tool leaks anywhere tighten until leakage stops. If leaks persist, do not use tool. Replace the tool or return it to the factory for repairs.

Always be sure to follow YOUR Company's *Safety Procedures*