

WHY PURGE AIR FROM THE DIVIDER BLOCK SYSTEM!

Divider block systems operate correctly **ONLY** when **ALL AIR** has been purged from tubing lines and components. You **MUST** use a purge gun to remove all air from the system if any divider block system components, (tubing or connections, divider blocks, lube pumps, check valves etc.) are disconnected, or removed. Although divider block systems can sometimes self purge of air, this severely delays lubrication reaching cylinders and rod packing. Allowing air to remain in the system can result in phantom no-flow shutdowns and premature failure of rings, rods and packing. If only 12 inches of the tubing lines are filled with air, lube oil can take up to 30 minutes to reach lube points. Therefore the operator **MUST** use a purge gun to remove air from the system before startup or after maintenance. This will ensure that all air trapped in the divider block system is completely removed and cylinders and packing will immediately receive needed lubrication when the compressor is started.

CAUTION Use only clean filtered oil common to the system when purging the divider block lubrication system.

CC Technology Divider Block System Purge Gun



Part # 382510-3

Follow this procedure after installing any divider block system, replacing tubing, replacing individual divider blocks or when any components of the divider block system are removed or replaced.

Step 1: After maintenance or before compressor start-up, loosen the tubing connections at the inlet of the master divider valve, cylinder and packing gland injection points. If there are secondary divider valves loosen tubing connections at the inlet of the secondary divider valves .

Step 2: If a purge port is available at the pump head connect the purge gun. If no purge port is available remove the tubing from the discharge side of the pump and connect the purge gun to the tubing.

Step 3: Pump clean oil common to the system into the tubing line until there are no air bubbles observed flowing from the tubing connection at the inlet of the master divider valve. Always hold purge gun in a vertical position to eliminate pumping air into the system.

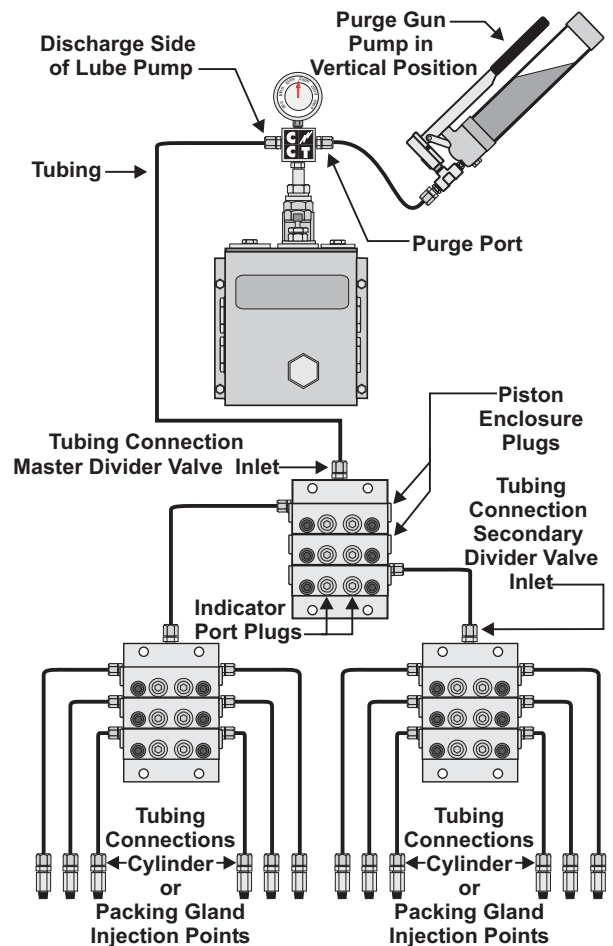
Step 4: Tighten the tubing connection at the inlet of the master divider valve while oil is still flowing.

Step 5: Continue to operate the purge gun until no air bubbles are observed flowing from the tubing connection at the inlet of the secondary divider valve.

Step 6: Tighten the tubing connection at the inlet of the secondary divider valve while oil is still flowing.

Step 7: Continue to operate the purge gun until there are no air bubbles observed flowing from the tubing connections at the cylinder or packing gland injection points.

Step 8: Tighten the tubing connections at the cylinder and packing gland injection points while oil is still flowing.



The Divider Block System is Now Ready to Protect the Compressor



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**LEVER ACTION
PURGE & TEST GUN
MODEL# 382510-3**

**Heavy Duty Lever Action Purge and Test Gun
with Chrome Plated Steel Reservoir**



- TEST CHECK VALVES
- PRE-LUBE CYLINDERS & PACKING
- PRESSURE TEST DIVIDER BLOCKS
- REMOVE OBSTRUCTIONS FROM INJECTION POINTS
- REMOVE AIR FROM DIVIDER BLOCK SYSTEMS PRIOR TO COMPRESSOR START-UP

DESCRIPTION

The CCT purge gun provides a convenient, cost effective method to remove all air from the divider block system to ensure all lubrication points will receive lubrication immediately on start-up of the compressor. The manual pump is also an efficient device to trouble shoot the divider block system to locate blockage in divider blocks, tubing lines, and cylinder/packing injection points. The pump delivers full pressure at minimum stroke for ease of use in tight quarters. All pumps are provided with a 36" stainless steel braided hose for long reach applications, 5000 PSI stainless steel liquid filled pressure gauge and chrome plated steel tube with bulls eye sight glass.

FEATURES

- Heavy duty cast aluminum alloy pump head
- Precision fit, hardened plunger develops 5,000# pressure
- Chrome plated steel reservoir.
- Visual level indication eliminates injecting air into the divider block system.
- Stainless steel liquid filled pressure gauge
- 36" stainless steel braided hose with all tubing connections

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	CORRECTION
Pump fails to Develop Pressure	A. Vacuum created in tube B. Debris holding Ball check open	Loosen end cap to relieve vacuum Remove hose assy from gun head. Remove spring & ball. Clean parts thoroughly.