



## PRODUCT SUPPORT BULLETIN BULLETIN NO. 301

DATE: October 28, 1999

MACHINE: Grabber Spike Puller

SERIAL

NUMBER(S): All except 505, 506, 509 and 510

SUBJECT: Turntable Pressurization Kit - 98330005

There has been a problem reported on Grabbers of the turntable leaking down far enough to hit high crossings, etc, even with the lock chain engaged. The lock chain is of a length to allow the hook to be engaged with the lock-up bar on the frame. However, with the hook engaged, there could be enough slack in the chain to allow the turntable to drift down too far.

To solve this problem the Turntable Pressurization Kit, part number 98330005, has been developed to keep hydraulic pressure on the bottom or rod end of the turntable cylinder. With this pressure in the cylinder, the turntable will not drift down.

The machine currently uses oil from the middle 22 GPM section of the pump, which is not under constant pressure, to operate the turntable. Installing this kit will use oil from the small 5.2 GPM section of the pump. This section is under constant pressure of 1000 PSI. This pressure is not high enough to lift the machine; therefore this relief valve must be reset to 1500 PSI and will provide this pressure ONLY when lifting the machine. A new relief valve is added to the system and is set at 1000 PSI. This insures that the rest of the small pump hydraulic system will remain at 1000 PSI. Additionally, the turntable valve must be re-piped from the middle pump to the small pump. The valve will be locked in the up position to provide pressure to the bottom of the turntable cylinder. Since the valve is currently locked in the center position, a new lock bracket is included in the kit.

The kit consists of a relief valve, a new lock bracket for the turntable valve and all required fittings, hardware and hoses. Installation prints are also included and installation should take 2-3 hours.

Please contact your NORDCO Representative or the NORDCO Parts Department for pricing and availability.

