



PRODUCT SUPPORT BULLETIN BULLETIN NO. 328

DATE: **April 16, 2001**

MACHINE: **Model 99C Spike Driver**

SERIAL

NUMBER(S): **410201 - 410296**

SUBJECT: **Spike Gun Low Pressure Kit – 98410076 (24 volt)
98410086 (12 volt)**

The Driving Gun Tray Heads can be damaged if spikes are not fed completely into the spike jaws. A spike hanging partially in the tray head and the operator then bringing the gun down to the ready position causes this damage. The force of the anvil pushing on the spike can bend or break the tray head.

To solve this problem, we have re-designed the spike gun hydraulic system to allow only very low pressure to be applied to the anvil while the spike gun is going to the ready position. This is accomplished with a “Regeneration” valve that connects both ends of the cylinder together. This along with the reduced pressure in the cylinder greatly reduces the down force applied to the anvil and will prevent damage to the tray head. The regeneration valve is part of a stack module that is installed under the Driving Gun Valve. A small electrical control box is added to turn the regeneration valve on and off.

The **12-volt kit, p/n 98410086**, may be installed on all 12 volt Model C Spike Drivers from s/n 410001 through s/n 410133. The **24-volt kit, p/n 98410076**, may be installed on all 24 volt Model 99C Spike Drivers from s/n 410201 to s/n 410296. This feature is standard on machines beginning with s/n 410297.

The kits consist of all the required hydraulic valves, electrical parts, hardware and instructions.

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



