



PRODUCT SUPPORT BULLETIN BULLETIN NO. 298

DATE: **October 27, 1999**

MACHINE: **Model 99C Spike Driver**

SERIAL

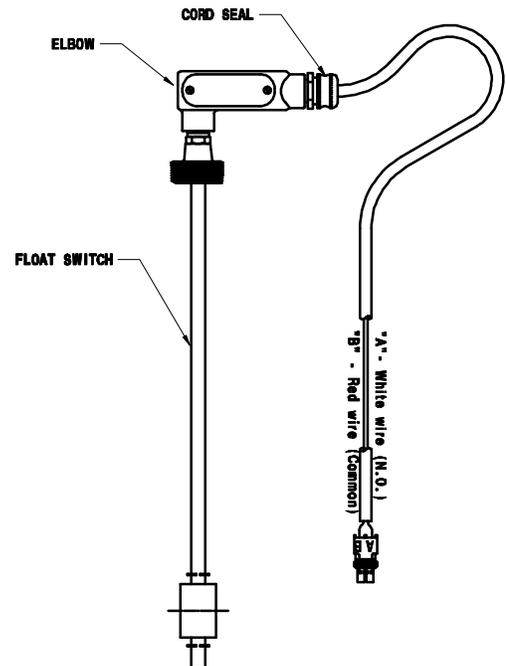
NUMBER(S): **410201 – 410246 (except 410235)**

SUBJECT: **Float Switch Failures – Part No. 5194901**

There have been numerous failures of the Hydraulic Oil Level Float Switch on Model 99C Spike Drivers. This Float Switch is designed to destroke the hydraulic pump if the oil level becomes too low. A switch failure will prevent the pump from operating even if the oil is at the proper level.

It has been determined that there are two prime reasons for these failures:

1. Water entering the switch through the wiring at the top of the switch. This problem is being addressed by the addition of a weatherproof elbow and cord seal at the top of the switch. The elbow will prevent water from running down the wires into the switch.
2. Electrical failure due to more current draw than the rated capacity for the switch. A relay is being installed in the pump destroke valve circuit to reduce the electrical load seen by the switch. The relay snaps into the existing mounting track inside the Main Logic Box and wired as shown in Figure 2.



Any failed Float Switches will be replaced under warranty. In addition **Relay Kit, part number 98410052** containing a **relay, part number 5196101; Relay Socket, 5155281;** and **Relay Hold Down Clip, 75060218,** will be supplied under warranty for machines with serial numbers up to and including s/n410242. To receive warranty replacement of a switch or relay, telephone the NORDCO Service Department toll free at 1-800-445-9258. Please have the serial number for the machine available. Warranty requests without the machine serial number cannot be honored.

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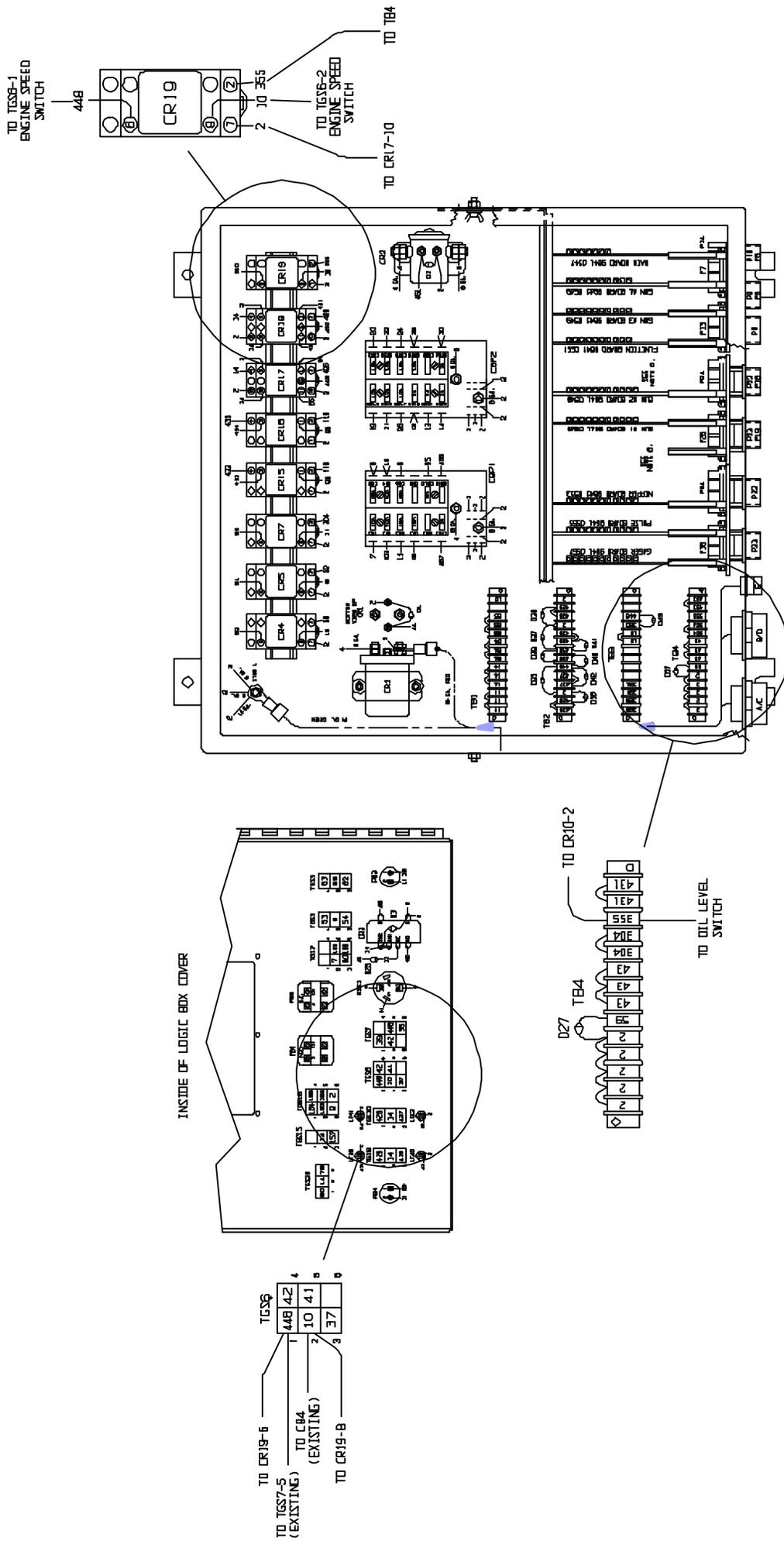


Figure 2