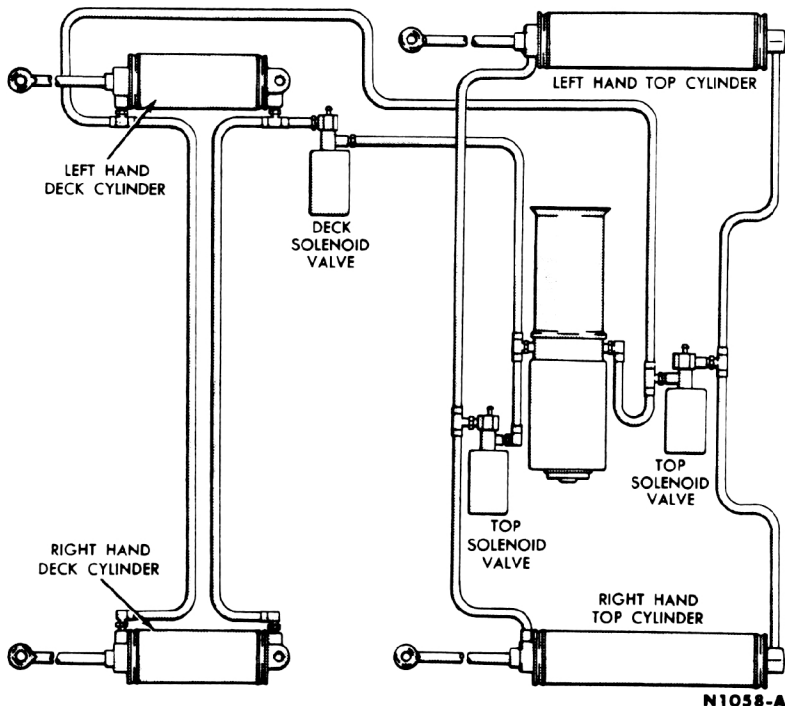


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FIG. 13—Excess Pressure Relief—Top Erect Cycle



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FIG. 14—Hydraulic System

deck cylinders, lowering the deck lid. The deck lock motor locks the deck. As the deck lock screws draw the deck lid down, the deck closed limit switch is opened, stopping the electric-hydraulic motor. As the deck closed limit switch is opened, another set of contacts in the same switch are closed (Fig. 13). Current flows to the top solenoid valves, holding the valves open to permit the hydraulic fluid to bleed off excess pressure in the top control lines. Releasing the top control switch cuts off the current to the locking circuit and top solenoid valves, thus completing the cycle.

**HYDRAULIC SYSTEM**

Hydraulic pressure is used to raise and lower both the top and deck lid. The pressure is produced by a reversible electric motor driven rotor pump. There are two cylinders for operating the top and two for the deck lid. They are interconnected by hydraulic hose lines to the rotor pump and the three solenoid valves as shown in Fig. 14.