



Examples: **Lift Pump Motor Solenoid Interface**



Example: **Lift Limit Switch Interface**

Disconnect one wire from solenoid coil terminal or lift limit switch on either side. Connect one of the black wire from the indicator to the wire that came off the terminal and the other black wire back to the terminal on the solenoid or lift limit switch.

Note: Older systems have indicator with two separate **black wires** for the interface control
Newer systems have two wires from main wiring harness (**Yellow and Green wires**) for lift pump motor solenoid or lift limit switch interface. (Every newer system is supplied with two extension wires Yellow and Green)

Two black wires are connected internally to dry contact relay, **normally closed contact**. With indicator power switch in OFF position vehicle operates normally. With indicator power switch in ON position, internal relay activation is controlled by the software.

During the weighing cycle when **operator lift control valve is activated and hold** the internal normally closed contacts will open and power to the solenoid or lift limit switch will be interrupted for the moment, resulting in:

- * Pump motor will stop (*lifted forks will stop at predetermined forks height for 3-4 seconds*)
- * Load weight will be calculated and shown on indicator display
- * Once the load weight is shown **internal relay contact will close**. The lift pump motor will be in normal operational mode.

Note:

- * *On some vehicles during the weighing cycle the ERROR fault might be shown on vehicle display during the interruption of the power to the lift motor pump solenoid or lift limit switch.*

When the system weighing function is not used turn indicator power switch OFF. Vehicle will operate without lift motor pump interruption cycle.

