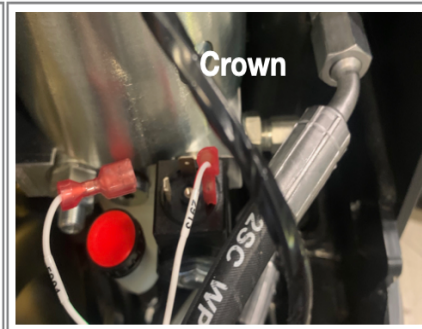


## Electric Pallet Truck Lift Motor Pump Solenoid Interface Older Vehicles



Typical Examples for two black wires lift motor pump solenoid interface



### Newer Vehicles Vehicles with Proximity Sensor Lift Limit Switch

The majority of newer electric pallet trucks regardless of the make are supplied with **Proximity Lift Limit Sensor**.

The installation of SkidWeigh scales ( SC5, ED2-EP and ED3-EP) to vehicles with proximity sensor does not require two black wires connection.

During the system calibration and normal weighing cycle **activate and hold lift control valve** until lifted forks stop automatically.



### TWO BLACK WIRES LIFT MOTOR PUMP SOLENOID INTERFACE (Older Vehicles)

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

- \* Pump motor will stop (*lifted forks will stop at predetermined height*)
- \* 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 older 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.*

When the system weighing function is not used turn indicator power switch OFF

