



Intelligent Lift Interlock System (ILIS801/802D) – Operating Instructions

The Intelligent Lift Interlock System (ILIS) is a microprocessor driven system for controlling wheelchair lift operation. Lift operation will only be allowed when all of the following conditions are met:

1. The vehicle is in “Park”
2. The parking brake is applied.
3. The vehicle ignition is on.
4. The lift power switch is on.
5. The lift door is open.

The Intelligent Lift Interlock System (ILIS) also will not allow the vehicle to be shifted out of park if the lift door is open.

When the vehicle is first started, or if the key is turned to the “Run” position the five LED’s on the display panel will illuminate for 1-2 seconds as a prove out of the LED’s. After prove out, the operation of the LED’s are as follows:

- Lift Power – Illuminates in green if power is available to the lift. This means that all conditions for lift operation have been met.
- Park Brake – Illuminates in red when the parking brake is applied.
- Park - Illuminates in red when the vehicle is in park range.
- Door Open - Illuminates in red when the lift door is open.
- Shift Lock - Illuminates in amber when the lift door is open. If illuminated, the driver will not be allowed to shift out of park.

All five LED’s must be illuminated for the lift to operate.

The LED’s can also be used for diagnostic purposes. For example, if the Door Open LED is not illuminated when the lift door is open, the lift will not operate. This means that the ILIS module does not detect that the door is open. Thus, the technician should inspect the lift door switch and its circuit.