



Intelligent Lift Interlock System (ILIS) – Diagnostic Procedures

Ford Econoline & Chevy GMT 600

The following is to provide an aid in understanding the System Status Display Panel function and diagnostics of the Intelligent Lift Interlock System. If the diagnostic steps do not lead to a repair, please contact InterMotive Products directly at 530-346-1801 for technical assistance. If installing an ILIS on a vehicle that previously had a lift interlock system installed (retrofit), please verify that all components of the previous system have been removed from the vehicle.

SYSTEM STATUS DISPLAY PANEL

Park Brake LED – Illuminates in red when parking brake is applied.

- LED on all the time
 1. Short to ground on the Brown wire
 2. Faulty park brake switch (stuck closed)
- LED off all the time
 1. Open in the Brown wire
 2. Faulty park brake switch (stuck open or contaminated contacts)

Park LED – Illuminates in red when the vehicle is in the “Park” range.

1999 – Present Chevy Van

- LED on but shifter not in park
 1. Short to power in Black/White wire.
- LED off but shifter in park
 1. Open in Black/White wire
 2. Short to ground in Black/White wire.

1997 - Present Econoline

- LED on but shifter not in park
 1. Short to ground on one or both of the Green wires (check for MIL in instrument cluster)
 2. Open in one of the Green wires
- LED off but shifter in park
 1. Open in both of the Green wires (check connector)

Door Open LED – Illuminates in red when the lift door is open.

- LED on but lift door is closed
 1. Faulty lift door switch
 2. Short to ground on Red/White wire
- LED off but lift door is open
 1. Lift door switch not grounding when door is open (incorrect switch installation)
 2. Faulty lift door switch
 3. Short to power on Red/White wire

Shift Lock LED – Illuminates in amber when the when the lift door is open and/or the parking brake is applied. If illuminated, the vehicle will not be allowed to shift out of park.

- LED is on all of the time
 1. Check status of “Door Open” and “Park Brake” LEDs
- LED is off all of the time
 1. Check status of “Door Open” and “Park Brake” LEDs

Lift Power LED – Illuminates in green when if all other LEDs are on and the lift power switch is on.

- LED is on when it should be off
 1. Check status of the other four LEDs
- LED is off when it should be on
 1. Check status of the other four LEDs
- LED is on but lift does not operate
 1. Faulty lift solenoid
 2. Open in Blue/White wire between ILIS and lift solenoid