

## Platform Lift Interlock System



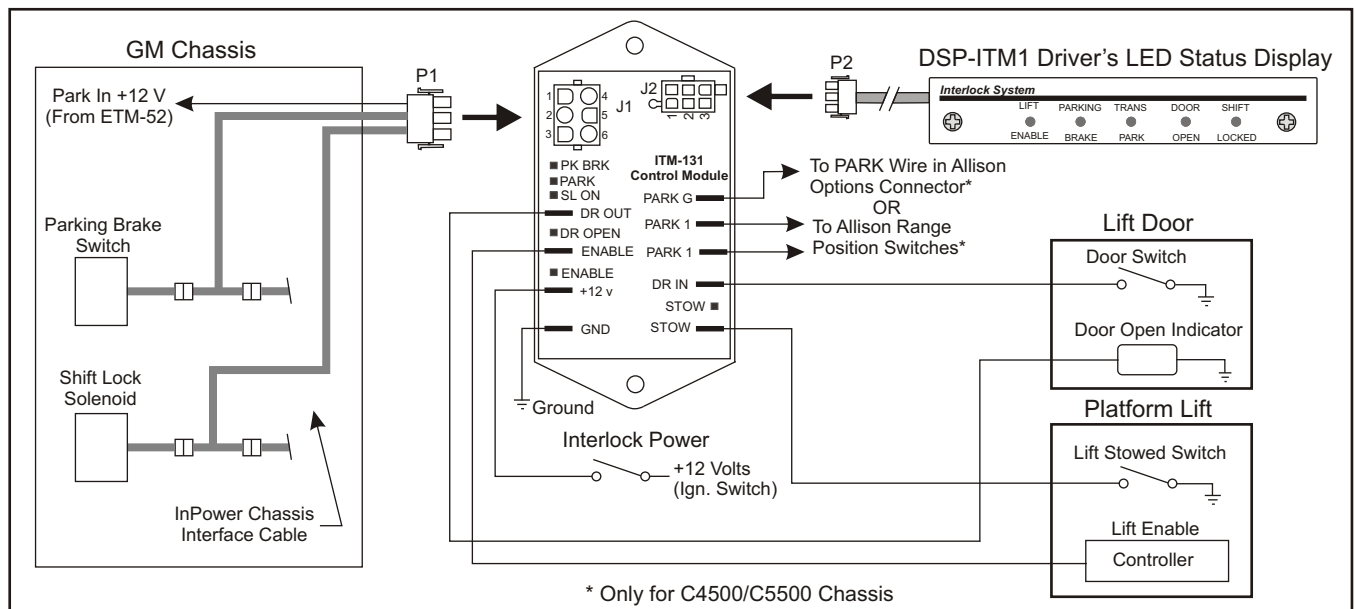
*Vehicle interlock system for commercial type FMVSS 403 platform lifts installed on 2005 - 2009 Chevy and GMC vehicles.*

The ITM-131 interlock system provides the required FMVSS 403 (S6.10.2) interlock functions for public use platform lifts installed in 2006 - 2009 Chevy and GMC vans and cutaways, as well as the larger C4500/5500 chassis. The interlock system consists of a solid state control module, a “plug and play” GM chassis wiring harness, and an optional remote LED status display. A shift lock solenoid kit is available for the C4500 & C5500 chassis. The control module is a non-microprocessor design that uses robust solid state logic devices to provide an extremely high level of reliability. A set of system status/diagnostic LED indicators are located on the control module to aid system trouble-shooting. The system’s interface to the lift door switch and platform lift system is directly compatible with current production lifts manufactured by Braun, Ricon and Maxon, and includes a lift stowed input, lift door switch input, and lift enable output rated at +12 V @ 10 amps.

### Key Features

- Supports 2006-2009 Chevy & GMC Vehicles
- Driver’s LED Status Display Option
- Complies with FMVSS 403
- 100% Solid State Construction
- Direct Interface to Braun, Ricon & Maxon Lifts
- “Plug and Play” Chassis Interface Harness
- System Diagnostic LED Indicators
- Small Size for Under Dash Installation

### System Diagram



# ITM-131 Wheel Chair Lift Interlock

## Specifications

### Module Inputs

Power Input:	+8 to 16 Vdc @ 20 amps. Requires a fused power source that is powered when ignition switch is on.
Ground:	Requires connection to chassis ground (battery negative)
Lift Door In:	From lift door closed switch (Ground when door is open/ajar)
Lift Fully Stowed:	From lift stowed switch (Ground when lift in fully stowed position)
Park Ground In:	From Allison park signal (Ground in Park). See Note 1.
Park 1 (2):	Two inputs from Allison range selector switch harness. See Note 2.
Park In +12 V:	Input on J-2 Pin-3 from remote Park signal (ETM-52).

### Module Outputs

Lift Enable:	+12 Volts @ 10 amps to allow platform lift operation
Door Open Out:	+12 Volts @ 10 amps when lift door is open/ajar

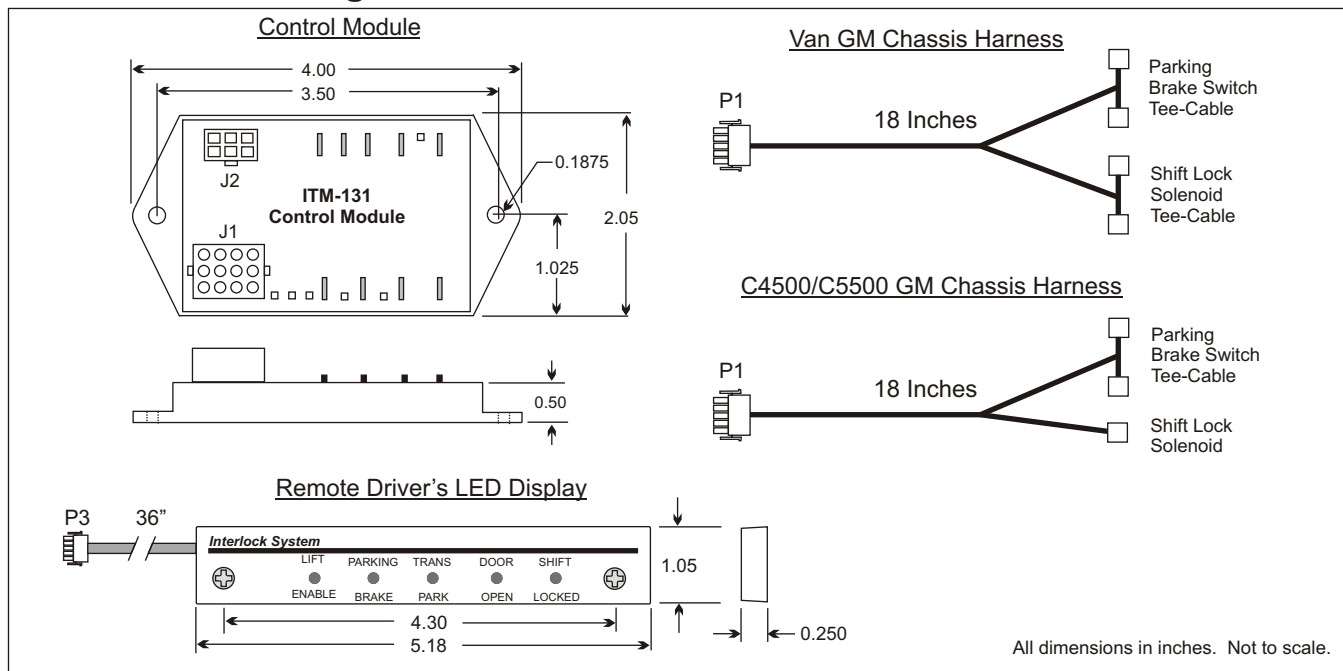
### Mechanical

Control Module:	
Weight:	0.17 lbs.
Operating Temperature:	-40° C to +85° C
Dimensions:	2.05"W x 4.00" L x 0.80" H
Terminals:	Nine (9) 0.25 inch male faston (blade) terminals

### Notes:

1. Only on C4500/5500 chassis. Requires reprogramming transmission from Park/Neutral to Park (only).
2. Only on C4500/5500 chassis. Requires wiring into Allison harness.

## Mechanical Drawing



**InPOWER LLC**

3555 Africa Road  
Galena, Ohio 43021  
Tel 740-548-0965  
Fax 740-548-2302

www.InPowerDirect.com

**Offered by:**

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Specifications subject to change without notice.