

Platform Lift Interlock System



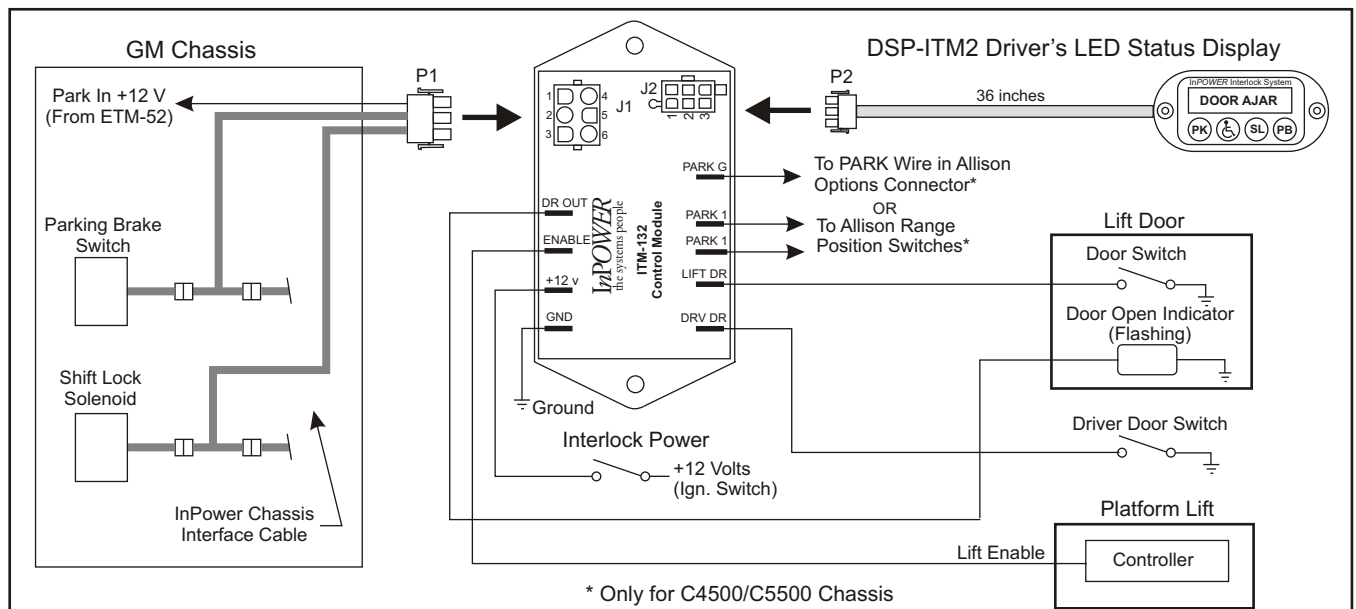
Vehicle interlock system for commercial type FMVSS 403 platform lifts installed on 2006 - 2009 Chevy and GMC vehicles.

The ITM-132 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 a remote driver's status display. This display contains a two inch Door Ajar indicator and LED indicators for Park, Lift Enabled, Shifter Locked, and Parking Brake Set. 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. 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 door switch input, lift enable output rated at +12 V @ 8 amps and lift door ajar flashing output rated at +12 V @ 8 amps.

Key Features

- Supports 2006 - 2009 Chevy & GMC Vehicles
- Driver's LED Status Display
- Complies with FMVSS 403
- 100% Solid State Construction
- Direct Interface to Braun, Ricon & Maxon Lifts
- "Plug and Play" Chassis Interface Harness
- Flashing Door Ajar Lamp Output
- Small Size for Under Dash Installation

System Diagram



ITM-132 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)
Driver Door In:	From driver door 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 @ 8 amps to allow platform lift operation
Door Open Out:	+12 Volts @ 8 amps (flashing) when lift door is open/ajar

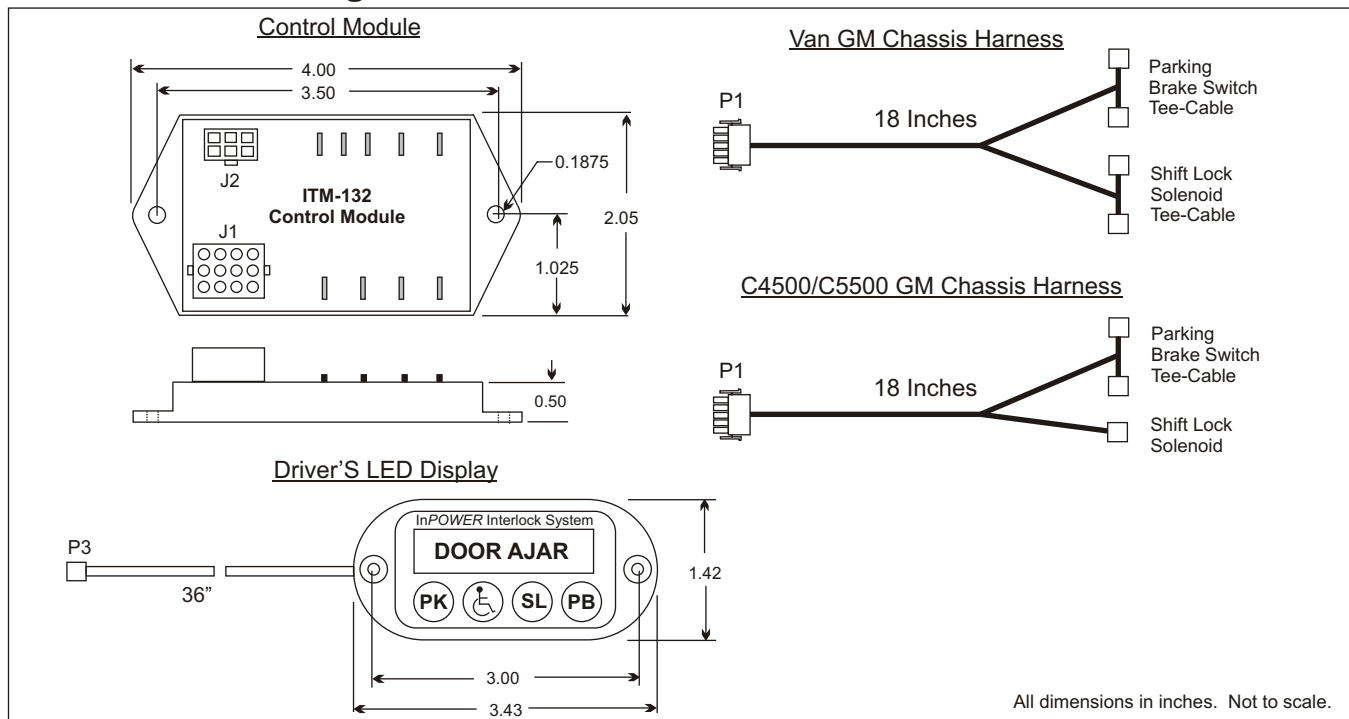
Mechanical

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



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Specifications subject to change without notice.