



Vehicle interlock system for commercial FMVSS 403 platform lifts installed on Ford E & F-Series chassis.

The InPower Model ITM125 interlock system provides the required FMVSS 403 (S6.10.2) interlock functions for public use platform lifts installed in Ford chassis. Versions are available for the 2009-2010 E-Series vans and cutaways, and for 2009 - 2011 F-Series truck chassis. The system consists of a control module, remote driver's display, and a "plug and play" Ford chassis wiring harness. The wiring harness includes tee-cables for interfacing to the transmission Park signal, parking brake switch, and shift lock solenoid. A set of blunt-cut wires are provided for the connections to the platform lift, lift door switch, driver's door switch and 12 volt power. The interlock system's Lift Enable output, rated at +12 Volts @ 2 amps, is directly compatible with current production platform lifts manufactured by Braun, Ricon and Maxon. A remote driver's display includes a large two inch flashing Door Ajar indicator, as well as indicators for Park, Parking Brake, Shift Locked and Lift Enable. The door ajar indicator is activated from the lift door switch or the driver's door switch.

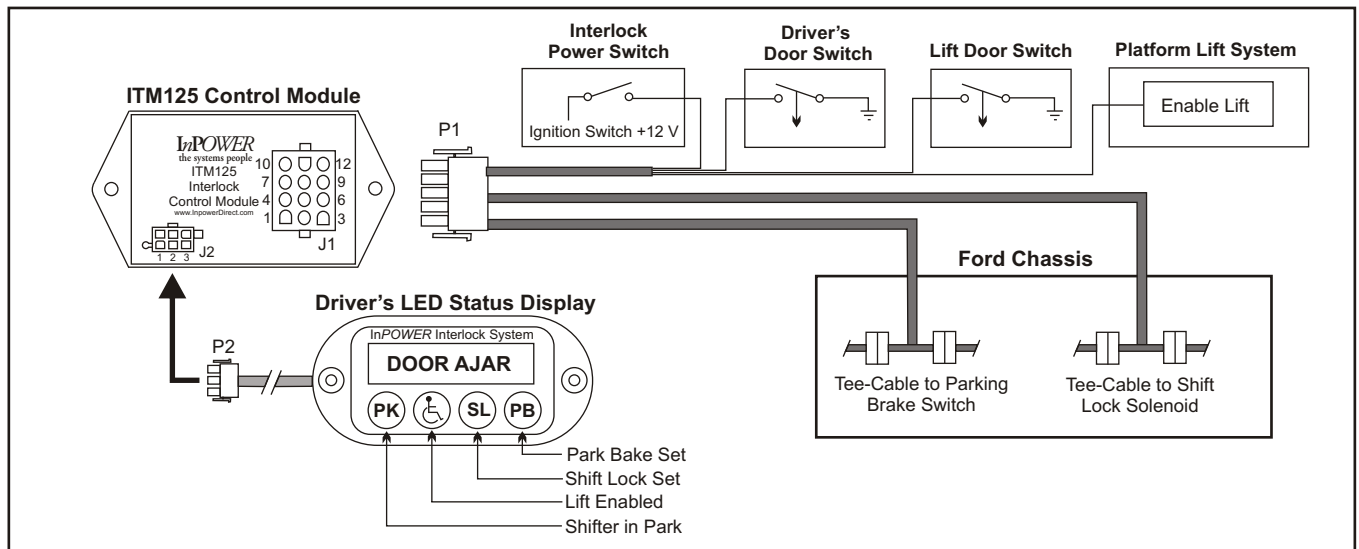
Key Features

- Supports 2009-2010 Ford E-Series and F-Series
- Driver's LED Status Display with Large Door Ajar Flashing Indicator
- "Plug and Play" Chassis Interface Harness
- Complies with FMVSS 403
- Door Ajar Monitoring for Lift and Driver's Doors
- Direct Interface to Braun, Ricon & Maxon Lifts

ITM125 Interlock System Models

Model	Model Year	Chassis
ITM125	2009-2010	E-Series
ITM125-F09	2009-2010	F-Series
ITM-125-F11	2011	F-Series

System Diagram



ITM125 Series Wheel Chair Lift Interlock

Specifications

Module Inputs

Power Input: +8 to 16 Vdc @ 2 amps. Requires a fused power source that is powered when the ignition switch is on.

Lift Door In: From lift door closed switch (Ground when door is open/ajar)

Driver's Door In: From driver's door closed switch (Ground when door is open/ajar)

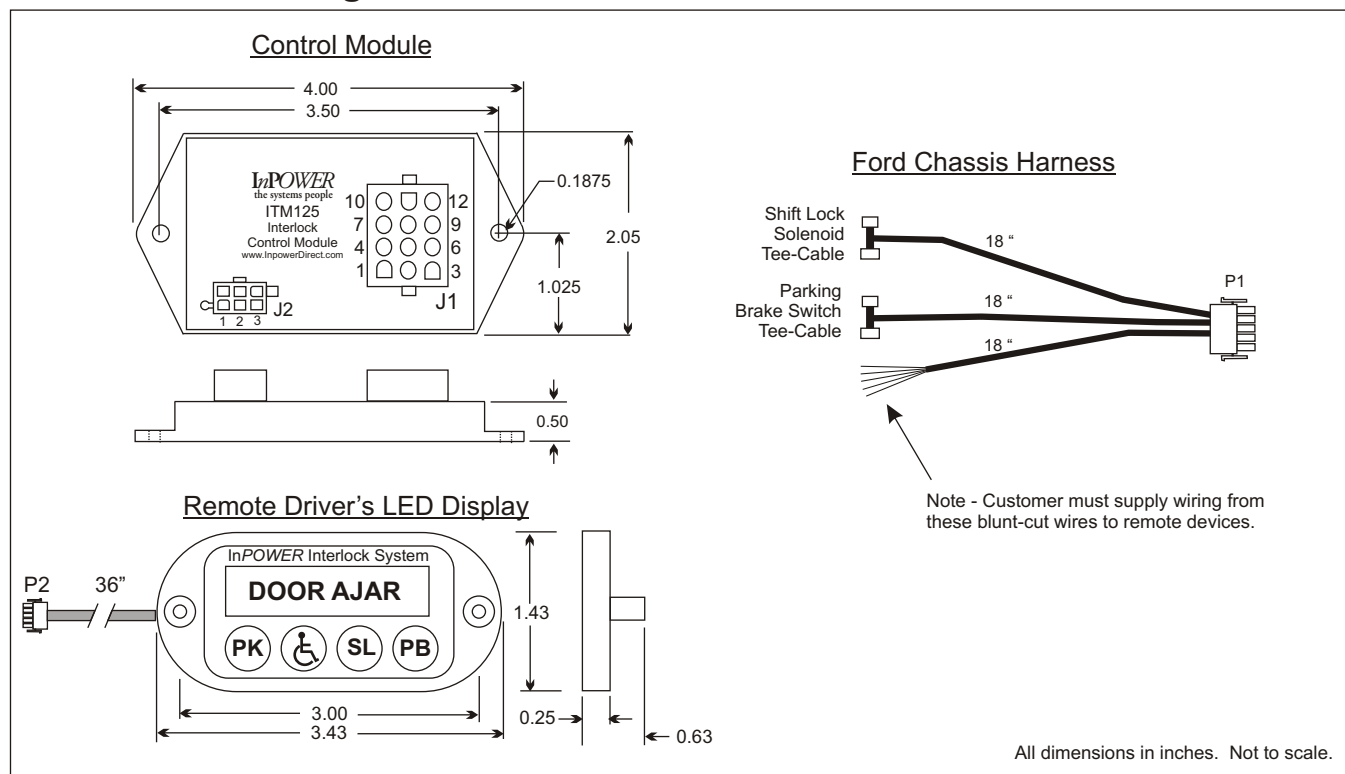
Module Outputs

Lift Enable: +12 Volts @ 2 amps to allow platform lift operation

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

Mechanical Drawing



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Specifications subject to change without notice.