

Platform Lift Interlock System



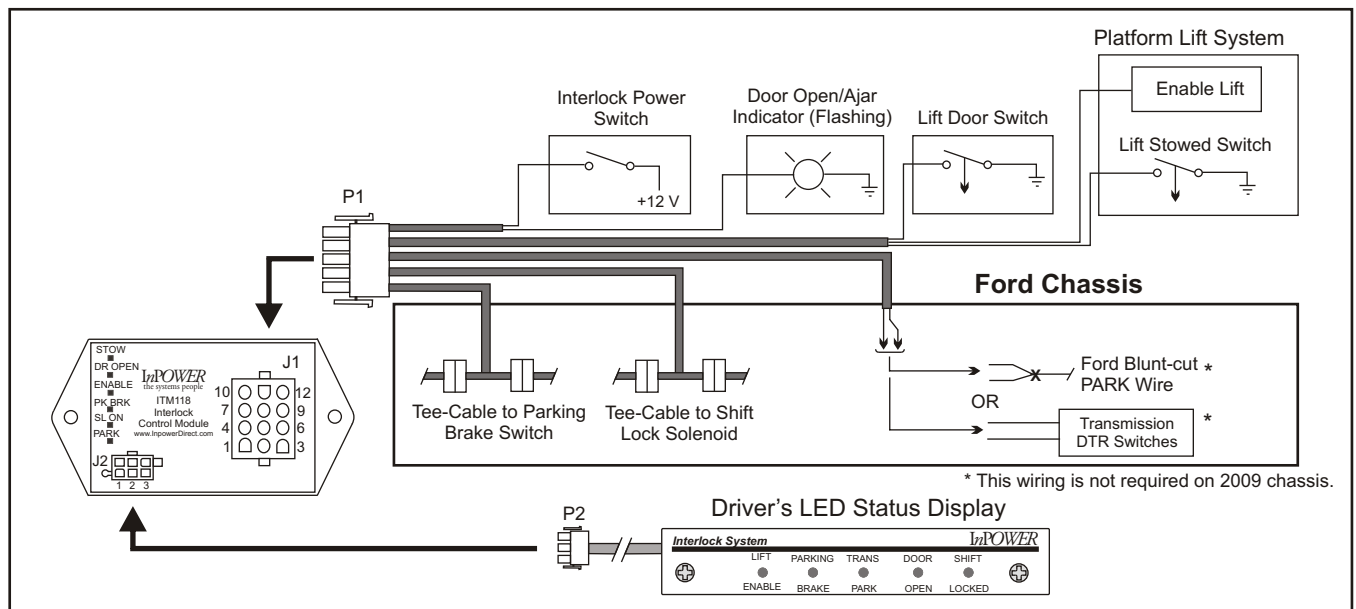
Vehicle interlock system for commercial type FMVSS 403 platform lifts installed on Ford E-Series vans.

The ITM118 interlock system provides the required FMVSS 403 (S6.10.2) interlock functions for public use platform lifts installed in 2005 - 2008 Ford E-Series vans and cutaways, and the ITM118A supports the 2009 model year. The interlock system consists of a solid state control module, a “plug and play” Ford chassis wiring harness, and an optional remote LED status display. 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 troubleshooting. 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, lift door open/ajar flashing output (+12 V @ 10 amps), and a lift enable output rated at +12 V @ 10 amps.

Key Features

- Supports 2005-2009 Ford E-Series Vans
- 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



ITM118 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.
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 1 & 2:	Two wires from Ford Digital Transmission Range (DTR) sensor or Park blunt-wire (Ford SEIC/CAS). NOTE - The ITM118A uses a different wiring harness And the Park 1 and Park 2 wires do not need to be installed.

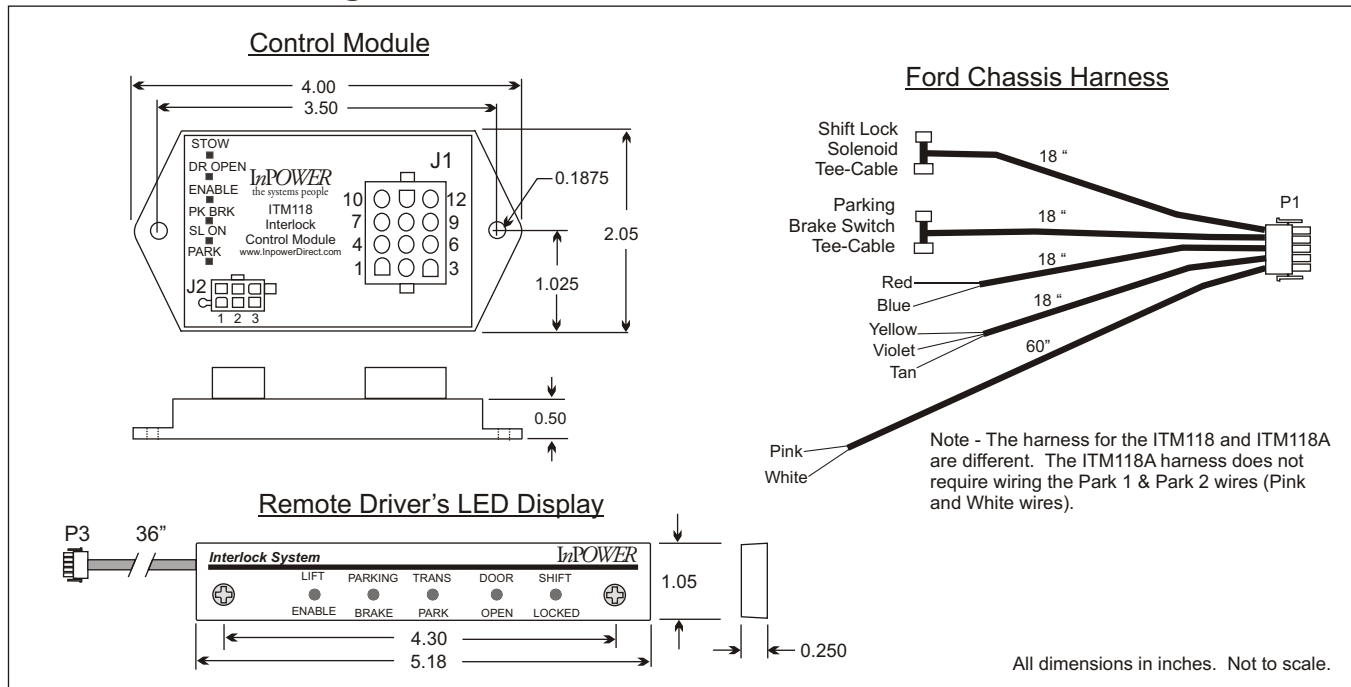
Module Outputs

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

Mechanical Drawing



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