

ITM150

Platform Lift Interlock

2014+ RAM ProMaster
(Gas Engine Only)



ITM RAM ProMaster Interlock System for monitoring platform lift and door

Technical Description

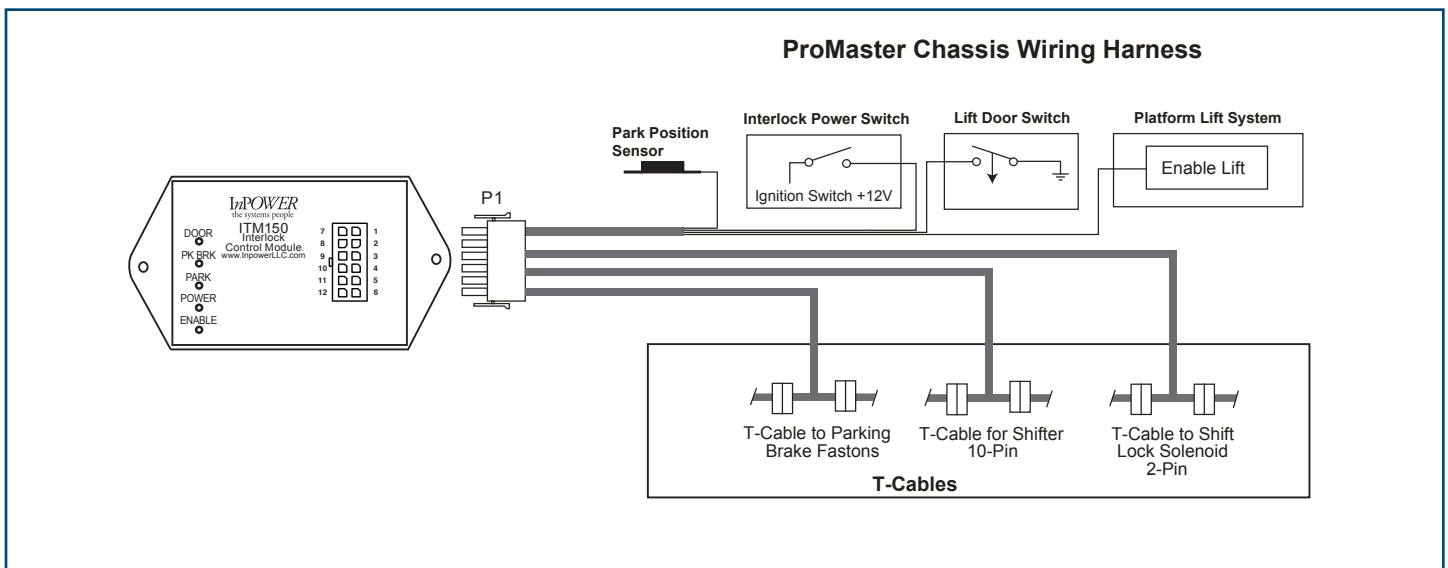
InPower's ITM 150 interlock system provides the required FMVSS- 403/404 interlock functions for public use platform lifts on Dodge RAM ProMaster Vans with gas engine. The ITM 150 System consists of an interlock control module, easy-to-install cables and a Park Position sensor.

The wiring harness includes two blunt cut wires (72") for connecting the platform lift system door switch (Violet) and 12V power (Yellow) to the lift ; a "T" cables for shift lock solenoid (20"), a "T" cable for the shifter connector (22") that supplies power and ground to the system; parking brake faston terminals (84") and a Park Position sensor and cable (30"). The control module has one 12 pin primary connector and five diagnostic status LED's (Power, Lift enable, Park Brake, Park and Lift Door ajar) to aid in system troubleshooting. The interlock system provides +12V @ 1.8 amp to enable the platform lift to be operated.

Key Features

- Supports Dodge RAM ProMaster (gas Engine) 2014+
- Status / Diagnostic Indicators
- Complies with FMVSS 403/404 regulations
- Monitors Lift Door Ajar and sets shiftlock during lift operation
- T-Cables provided for shift Interlock and Power Ground Connections
- Compatible with Braun, Ricon, and Maxon Lifts

System Diagram



Specifications

Module Inputs

Power Input: +8Vdc to 16 Vdc @ 5 amps (???)

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

Module Output

Lift Enable: +12V @ 1.8 amp to allow platform operation. (Yellow)

Mechanical

Dimensions: 4" L X 2.05" W X .5" H (add for connector)

Weight: 0.15 lbs

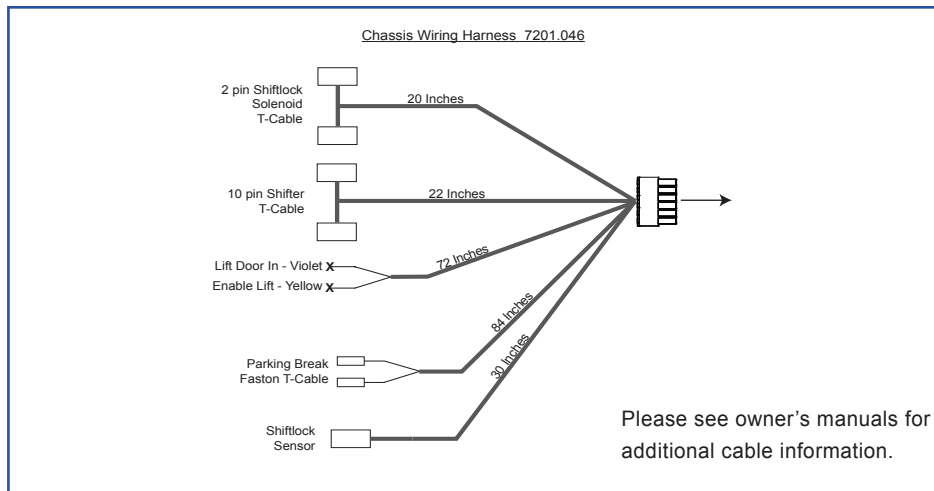
Operating Temperature: -40 degreeC to +85" C

Available Models

ITM150

Dodge RAM ProMaster Gas Engine Only 2014+

Harness Diagram



Mechanical Drawing

