

	<h1>Model ITM-115</h1> <h2>Platform Lift Interlock</h2> <h3>2005 - 2007 Ford E-Series</h3>
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### **1. Product Description**

This product is intended for installation in 2005 - 2007 Ford E-Series chassis with FMVSS 403/404 compliant, public use (commercial) platform lifts manufactured by The Braun Corporation, Ricon Corporation or Maxon Mobility. If another type of lift is to be used, contact the lift manufacturer to determine its compatibility. The ITM115 interlock system contains an Interlock Control Module and the Interface Wiring Harness. The control module is a solid state, non-microprocessor control device that performs FMVSS 403 platform lift vehicle safety interlocks. The wiring harness connects the control module to the vehicle chassis wiring, the platform lift and other devices using "plug and play" tee-cables as well as color-coded blunt-cut wires. Note that this system requires a lift stowed switch signal that is +12 volts when in the fully stowed position.

### **2. Interlock System Operation**

The interlock system is powered from the Interlock Power Switch and the Ignition Switch when they are both in the On position. The following is the interlock system sequence of operation:

*Step 1* - With the interlock powered on, place the transmission in the Park.

*Step 2* - Set the parking brake.

*Step 3* - Open the lift door. When opened, the transmission shift lock will be set to prevent the transmission from being taken out of Park, and the Lift Enable will be set to allow operation of the platform lift. The Lift Door Open flashing light, if installed, will operate.

*Step 4* - The platform lift may now be operated (Refer to the platform lift operating instructions). Note - During the Lift Enable sequence, if the parking brake is released the Lift Enable will be deactivated, preventing lift operation.

*Step 5* - When the lift cycle is completed return the lift to its fully stowed position.

*Step 6* - Close the lift door. Note - Depending on how the door switch is wired, all doors may need to be closed.

*Step 7* - Release the parking brake. When released, the shift lock will be automatically released.

*Step 8* - The cycle is now complete and the vehicle can be taken out of Park and driven.

Note - The Door Open output flashes whenever the door is open, independent of other interlock inputs.

# InPower Model ITM-115 Ford Interlock System

## 3. Reference Information

### **Ford Motor Company**

Truck Body Builder Advisory Service  
Product Development Center, MD 410  
PO Box 2053  
Dearborn, MI 48121-2053  
1-877-840-4338  
[www.fleet.ford.com/truckbbas/index.htm](http://www.fleet.ford.com/truckbbas/index.htm)  
[bbasqa@ford.com](mailto:bbasqa@ford.com)

### **Ricon Corporation**

7900 Nelson Road  
Panorama City, CA 91402  
(818) 267-3038  
(800) 322-2884  
[www.riconcorp.com](http://www.riconcorp.com)

### **The Braun Corporation**

631 West 11th Street  
Winamac, IN 46966  
(574) 946-6153  
(800) 946-6158  
[www.braunlift.com](http://www.braunlift.com)

### **Maxon Lift Corp.**

11921 Slauson Avenue  
Sante Fe Springs, CA 90670  
(562) 464-0099  
(800) 227-4116  
[www.maxonlift.com](http://www.maxonlift.com)

### **InPower Reference:**

#### Customer Service:

InPower LLC  
3555 Africa Road  
Galena, Ohio 43021 U.S.A.  
Tel: 740-548-0965  
Fax: 740-548-2302  
Web site: [www.InPowerDirect.com](http://www.InPowerDirect.com)

For complete ITM-115 product information see InPower Owners Manual,  
Document No. OM-33