

	<p style="text-align: center;">Model ITM-115A Platform Lift Interlock 2005 - 2007 Ford E-Series</p>
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A. 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 ITM115A 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 provides two lift (fully) stowed inputs, one that is activated from a +12 volt signal and one that is activated from a ground signal.

B. 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 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.

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InPower Model ITM-115A Ford Interlock System

C. Troubleshooting Tips

1. Obtain the appropriate service/maintenance manual from the platform lift manufacturer (e.g., Braun, Ricon or Maxon).
2. Obtain the InPower ITM115A interlock system owners manual, document OM-44. This can be supplied by the vehicle manufacturer that installed the lift and interlock, or from InPower's web site, www.InPowerDirect.com.
3. If you experience a problem with the platform lift system, first isolate the problem to the platform lift or the interlock system.
4. If the interlock system operates properly but fails to release the shift lock at the end of the cycle (can't shift out of PARK), the likely cause is an incorrect operation of the lift door switch or the lift stowed sensor. Check the operation of these two devices and determine if the correct voltage levels are present at the interlock control module.

D. 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
bbasqa@ford.com

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(800) 946-6158
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Ricon Corporation

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Maxon Lift Corp.

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For complete ITM-115A product information see InPower Owners Manual, Document No. OM-44.