



**Model ITM-125
Platform Lift Interlock
2009+ Ford E-Series**

A. Product Description

This product is intended for installation in 2009+ Ford E-Series chassis with FMVSS 403 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 ITM125 interlock system consists of a control module, remote driver's LED display, and a chassis wiring harnesses. The control module contains two connectors for interfacing to the remote LED display and chassis wiring harness. It also contains one extra door input to monitor the status of the Driver's door or Passenger door. This door input will flash the DOOR AJAR indicator on the Remote Display Panel but will not enable the lift. The chassis harness contains two "plug and play" tee-cables that connect to the parking brake switch and shift lock solenoid that are both located under the dash. The wiring harness contains a set of 18 inch blunt-cut wires for interface to the platform lift system, the door switches, and 12 volt power.

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. The transmission shift lock will operate.
- Step 3* - Open the lift door. When opened, the Lift Enable will be set to allow operation of the platform lift. The Door Ajar indicator on the remote driver's display will flash.
- 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.
- 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.

Notes:

1. The Door Ajar indicator on the driver's LED display will flash when the lift door or driver's door is open/ajar (not fully closed).
2. The lift door switch is used by the interlock systems logic as well as to activate the Door Ajar indicator. The driver's door switch is only used to activate the Door Ajar indicator.

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InPower Model ITM-125 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 ITM125 interlock system owners manual, document OM-115. This can be supplied by the vehicle manufacturer that installed the lift and interlock, or from InPower's web site, www.InPowerLLC.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. These inputs to the interlock can be tested by using the diagnostic LEDs on the ITM125 Remote Display Panel (see Owners manual OM-115 for Details).

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

The Braun Corporation

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

Ricon Corporation

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

Maxon Lift Corp.

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

InPower Reference:

InPower LLC
3555 Africa Road
Galena, Ohio 43021 U.S.A.
Tel: 740-548-0965
Fax: 740-548-2302
Web site: www.InPowerLLC.com

Warranty:

InPower LLC warrants its products to be free from defects in material and workmanship under normal use, care and maintenance for a period of two years from data of shipment. Please contact InPower for a copy of our warranty policy and our returns policy.

For full ITM125 interlock system product information see Owners Manual, Document number OM-115.

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