



**Model ITM126
Platform Lift Interlock
2009+ Ford E-Series**

A. Product Description

This product is intended for installation in 2009+ Ford E-series van and cutaway chassis with FMVSS 403/404 compliant, commercial public use 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 ITM126 interlock system consists of a control module with integral drivers display and a chassis wiring harnesses. The system monitors the platform lift door and three additional doors. If any door is not fully closed the DOOR AJAR light will flash and the shift lock will be set. The lift will be enabled when the vehicle is in Park, the parking brake is set and the lift door is opened.

The chassis wiring harness contains two plug-and-play T-cables that connect to the parking brake switch and shift lock solenoid located under the dash. The harness also contains a set of 18 inch blunt-cut wires to interface with the platform lift system, the door switches, and 12 volt power.

B. Interlock System Operation

- Step 1 - Turn the Ignition Switch on and start the engine.
- Step 2 - Press the service brake and place shifter in Park.
- Step 3 - Set the parking brake.
 - The Shift Lock will activate
- Step 4 - Open lift door.
 - The display Door Ajar indicator will flash
 - The Lift Enable will activate allowing operation of platform lift.
- Step 5 - The platform lift may now be operated (Refer to the platform lift operating instructions).
 - During the Lift Enable sequence, if the parking brake is released the Lift Enable will be deactivated, preventing lift operation.
- Step 6 - When the lift cycle is completed return the lift to its fully stowed position.
- Step 7 - Close the lift door.
- Step 8 - Release parking brake. When released, the shift lock will be automatically released.
- Step 9 - The cycle is now complete and the vehicle can be taken out of Park and driven.

Notes:

- 1. Anytime Doors #1, #2 or #3 are opened (or ajar) the Door Ajar indicator will flash and the shifter will lock.

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Continued...

InPower Model ITM-126 Ford E-Series 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 ITM126 interlock system owners manual, document OM-180. This can be obtained from 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 (i.e. can't shift out of PARK), the likely cause is incorrect operation of the lift door switch. These inputs to the interlock can be tested by using the diagnostic LEDs on the ITM126 Driver's Display (see Owners manual OM-180 for details).

D. Reference Information

Ford Motor Company

Truck Body Builder Advisory Services
Production Development Center
MD410
PO Box 2053
Dearborn, MI 48121-2053
Tel: (877) 840-4338
www.fleet.ford.com/truckbbas

InPower Reference:

InPower LLC
8311 Green Meadows Dr.
Lewis Center, Ohio 43021 U.S.A.
Tel: 740-548-0965
Fax: 740-548-2302
Web site: www.InPowerLLC.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

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 date of shipment. Please contact InPower for a copy of our warranty policy and our returns policy.

For full ITM126 interlock system product information see Owners Manual, Document number OM-180.

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