**Description:**

Effective with unit number 56555, MCI installed a new Ricon wheelchair lift on D model coaches. This bulletin will outline the wheelchair lift operating procedure and provide information on the threshold warning system.

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**REFER TO MANUAL**

Refer to the MCI Operator’s and Maintenance Manual, in conjunction with this procedure.

The threshold warning system is located above the wheelchair parking (threshold) area (Figure 1). The module status indicator light illuminates when the wheelchair lift is powered, indicating that the module is activated. Two acoustic sensors monitor the doorway threshold area. If the acoustic sensors detect a passenger in the threshold area; when the lift is below coach floor height and the cabin access door is open, an audible buzzer and flashing light are actuated.

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**NOTE**

Before the lift control pendant switch is enabled, these functions must occur:

- The engine must be running,
- Select “NEUTRAL” on the transmission Shift Pad,
- Set the Park Brake,
- Turn the Wheelchair Lift Master Key Switch (located on the dash) to the “ON” position,
- Ensure the WCL Interlocks dash telltale illuminates,
- Fold and position passenger sliding seats to provide wheelchair parking area,
- Open the Lift Cassette Access Door,
- Push the self cancelling toggle switch (located on the wheelchair lift frame) to the “ON” position.
The WCL Control Pendant contains a POWER ENABLE switch and four buttons (Figure 2).

Turning ON the POWER ENABLE switch provides power to the pendant and illuminates the DEPLOY, STOW, UP and DOWN buttons. To operate a button, press and hold until the function completes. Movement of the platform can be halted at any time by releasing the button.

The power indicator, located on the POWER ENABLE switch, illuminates only when the lift is operating and receiving power.

![Figure 2. WCL Control Pendant.](image)

**DEPLOYING THE WHEELCHAIR LIFT**

- Press and hold the DEPLOY button, on the Control Pendant switch (Figure 2), until the lift unit extends completely out of the cassette enclosure.

**NOTE**

*The lift must completely extend out of the cassette before the lift can be raised or lowered. When the lift extends, the bridgeplate assembly automatically flips up, acting as a rear barrier.*

- Raise the handrails until the slam lock engages. Fasten the safety restraint belt,

**NOTE**

*The electronically interlocked safety restraint belt must be buckled to raise or lower the lift. Power is interrupted to the Control Pendant switch if the belt is unbuckled.*
RAISING THE WHEELCHAIR LIFT
- Position wheelchair, facing outward if possible, in the center of the platform and lock wheelchair brakes,
- Pull occupant restraint belt from retractor on handrail and fasten to other handrail,
- Press and hold the UP button, on the Control Pendant switch,
- Raise the wheelchair lift to the closed wheelchair lift sliding door, until the lift automatically stops prior to the sliding door (limit switches from the wheelchair lift will stop the lifting operation),

![NOTE]

*The lift will stop approximately 12 inches below coach floor level.*
- Grab the wheelchair door handle and pull door open.
- Press and hold the UP button until the lift stops at coach floor level,

![NOTE]

*When the lift is raised, the rollstop automatically flips up as a barrier. At coach floor level, the bridgeplate assembly automatically deploys across coach threshold gap as a ramp.*
- Release wheelchair brakes and occupant restraint belt, and carefully board and secure passenger,

LOWERING THE WHEELCHAIR LIFT
- Position wheelchair, facing outward if possible, in the center of the platform and lock wheelchair brakes,
- Pull occupant restraint belt from retractor on handrail and fasten to other handrail,
- Press and hold the DOWN button, on the Control Pendant switch,
- Lower until the lift automatically stops (limit switches from the wheelchair lift will stop the lowering operation),
- Grab the wheelchair door handle and manually close the door,
- Power will be sent back to the wheelchair lift to allow the lift to be lowered,
- Press and hold the DOWN button, until the platform reaches ground level and the rollstop opens completely,
- Release wheelchair brakes and occupant restraint belt, and carefully assist passenger off platform.

STOWING THE WHEELCHAIR LIFT
- Lower the handrails to platform,
- Position the platform anywhere above the stow level,
- Press and hold the STOW button. The lift will align to the stowing level and retract into the lift enclosure cassette,

![NOTE]

*When retracted, the bridgeplate assembly will automatically fold over onto the platform.*
- Turn OFF the POWER ENABLE switch on the Control Pendant switch and stow pendant on provided clip,
- Push the self cancelling toggle switch (located on the wheelchair lift frame) to the “OFF” position. Close the Lift Cassette Access Door,

![NOTE]

*To ensure the cassette door closes with the latches fully engaged, apply sufficient force to both latch points when closing door.*
- Turn the Wheelchair Lift Master Key Switch (located on the dash) to the “OFF” position.

Procedure complete.