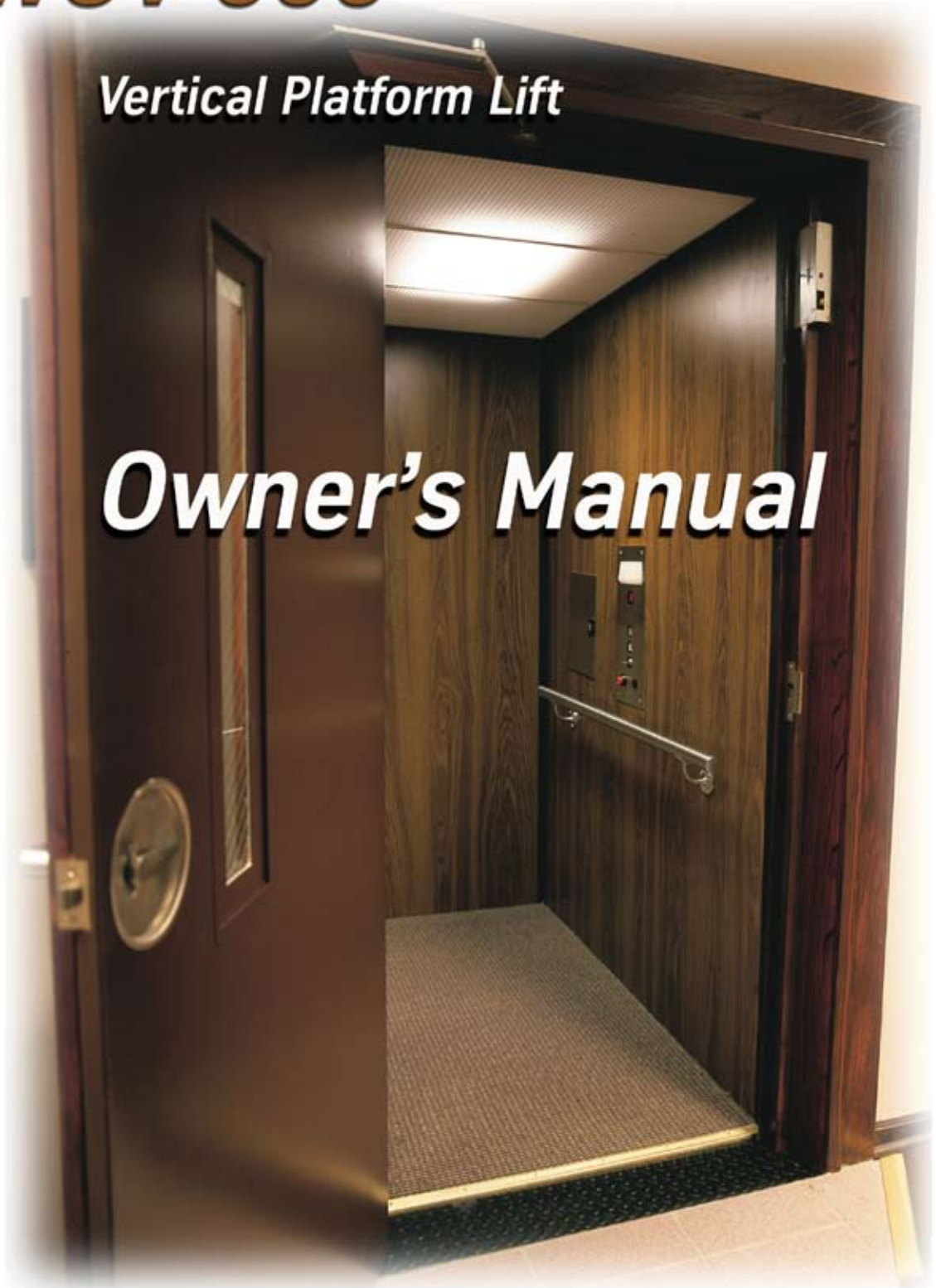


WOV 355

Vertical Platform Lift

Owner's Manual



National Wheel-O-Vator
A Division of ThyssenKrupp Access



ThyssenKrupp

WOV 355

Vertical Platform Lift

National Wheel-O-Vator, a division of ThyssenKrupp Access, would like to thank you for choosing the WOV 355 Vertical Platform Lift.

You have purchased one of the finest vertical platform lift packages available on the market today.

What you should know about the WOV 355.

Your WOV 355 was acquired through a factory trained and authorized dealer. The normal operation and function of your vertical platform lift's features will be described and demonstrated to you. We recommend that you obtain a scheduled maintenance agreement from your dealer in order to increase the longevity and reliability of your investment. Scheduled maintenance should be performed every 6 months. Any warranty claim may be denied due to improperly maintained equipment.

Operating Components:

Lift Controller: The PLC (Programmable Logic Controller) is located in the machine room.

Drive System: Your vertical platform lift is equipped with a 1:2 Roped Hydraulic drive.

Platform Control Buttons: These buttons are located inside the platform on the platform operating panel. Press and hold a floor number in order to move the lift to the desired floor.

Hall Call Buttons: These buttons are located on the outside of each hoistway door. Press and hold the "Call" button to call the lift to that floor. When the lift reaches the floor, then the "Car Here" light will illuminate.

Emergency Stop Switch: This switch is located on the operating panel. In case of an emergency, where the lift needs to be stopped, the switch should be pulled. By pushing the switch in, the lift will be ready to move again.

Emergency Alarm Button: This button is located on the operating panel. The button sounds an alarm when pushed.

Telephone Jack: A telephone jack is provided inside the lift. Installing a telephone in the platform is required by code for emergency purposes.

Helpful Hints

If the lift will not move:

1. Check to see that all hoistway doors are closed. Any door slightly open will prevent operation of the lift.
2. If the lift is equipped with a keyed switch, make sure the key is turned to the "on" position in the control being used.

Hydraulic with battery backup

If power failure occurs while the lift is in use:

1. Lift will stop.
2. Emergency platform light automatically turns on.
3. Holding any call, will descend to the next lower landing.
4. Lift will respond to calls from the platform or hallway to any lower level.
5. Doors will unlock, but will not open automatically.

If power failure occurs while lift is at rest:

1. Emergency platform light automatically turns on.
2. Lift will respond to calls from the platform or hallway to any lower level.
3. Doors will unlock, but will not open automatically.

Standard Operation:

- Press and hold the "Call" button. The platform will come to the landing and/or the door will unlock. The "Car Here" light will illuminate (if so equipped).
- Upon entering the platform, close the outer door securely. Press and hold the desired floor on the operating panel.
- After exiting the platform, secure the door. The platform will be ready to receive a call from another floor.
- Lifts equipped with automatic door operators may be opened manually in the event of a power failure.
- The platform may self adjust up or down when at a floor to automatically stay aligned with the floor when loading or unloading the platform.
- If the platform's travel is interrupted by activating the emergency stop, the platform will resume traveling after pressing any button. When the emergency stop is deactivated. The lift will then return to normal operation.

Manual Lowering:

- The manual lowering of an unoccupied lift should only be conducted by trained personnel in the course of routine maintenance and repairs.
- If a malfunction occurs which prohibits a platform's occupant from effecting a manual release of the door lock and exiting the platform safely, trained personnel or professional emergency personnel must be contacted immediately.
- The electrical service disconnect(s) located in the lift equipment room/area, must be switched to the "off" position before manually lowering the platform. The "off" position may be verified by closely observing the disconnects labeling. The disconnects are lockable in the "off" position.
- Opening the circuit breaker supplying the disconnect will not deactivate all the lift's circuits.

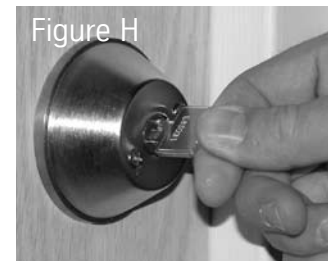
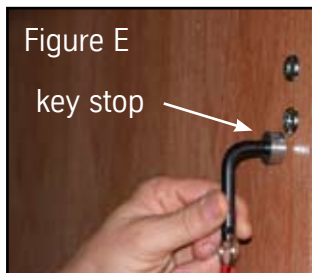
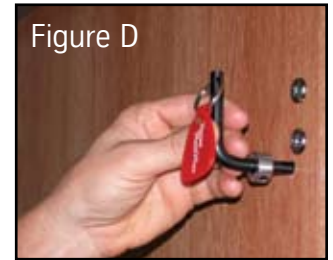
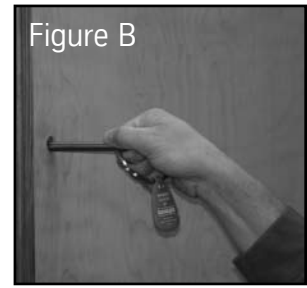
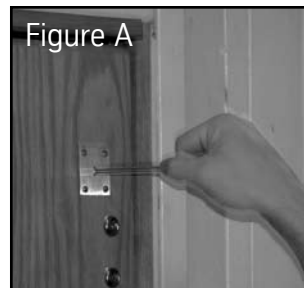
Emergency Operation:

- If the lift has an interruption in its primary power supply, it will automatically default to the battery backup system.
- If the 115 volt supply is interrupted, the overhead car light turns off and the 24 volt operating panel light is illuminated.
- If the 230 volt supply is interrupted, the lifting system is disabled. The 24 volt battery system will power the lift's processor, call buttons, operating panel, car here lights, electro-mechanical door interlocks, emergency stop/ alarm, and the down travel functions.
- If the car is at a floor, it will remain at the floor until operated as described in standard operation above. It will only travel in the down direction.
- If the car is travel upward, it will stop its current motion and as long as any call is held, it will descend to the floor below.
- The lift may be used during the battery backup mode provided the power interruption has occurred recently and the batteries are still charged sufficiently to activate the door locks.
- No action is required when power is restored. The lift will change modes automatically.

Using the Interlock Emergency Key:

WARNING - Only in the case of an emergency should the hoistway doors be manually unlocked and opened.

1. Switch main disconnect off in lift machine room.
 2. Remove key from control box cover in machine room (or other designated area).
- DMI type** (see Figure A) - Insert key into the key hole located near the top of the door. Gently pull key down to lift the interlock pin and hold.
 - GAL type** (see Figure B) - Insert key into the key hole located near the top of the door. Gently turn key to release lock and hold.
 - EL1 & ML1 type** (see Figure C) - Insert key into the key hole located near the top of the door. Gently push key into lock until it stops (see Figure D). Turn key 180 degrees. Continue to push the key until the key stop rests on the door. The handle will be down (see Figure E). Turn the key 180 degrees towards the door's strike side. The handle will be up (see Figure F).
 - ESI type** - Insert key in the keyhole of the door interlock deadlatch (see Figure G). Gently turn key to release lock and hold (see Figure H).
3. Slowly pull hoistway door open.
 4. Before leaving the hoistway entrance, make sure the hoistway door is closed and locked.



It is recommended that you keep a list of emergency phone numbers near the phone in your platform lift. In the unlikely event the lift stops between floors, use the phone in the platform to call for assistance. Pushing the alarm button will ring the emergency bell and alert any person in the proximity of the elevator.

Maintenance and Precautions:

1. Do not attempt to enter hoistway or service components yourself. Call your authorized installation dealer for professional assistance.
2. Do not use harsh chemicals or flammable products for cleaning lift surfaces or equipment controls.
3. Depending on platform finishes, mild cleaning agents or polishes should keep your WOV 355 looking like new.
4. This is a passenger lift. Do not exceed the weight capacity or use it for unintended purposes. For example: heavy furniture or freight.
5. Under no circumstances should you attempt to by-pass safety features such as, but not limited to: door locks, pit or top of platform safety switches, slack rope safeties. They are installed to comply with codes and protect you from personal injury.

Manufacturer's Limited Warranty

WOV355 Vertical Platform Lift

National Wheel-O-Vator, a division of ThyssenKrupp Access, warrants the WOV355 Vertical Platform Lift for three years to the original purchaser only. The warranty commences with the date of shipment. The WOV355 shall be free of defects in material and workmanship. The warranty card must be returned to National Wheel-O-Vator within 30 days from the date of original purchase in order for this Limited Warranty to go into effect. This Limited Warranty will not be applicable if the WOV355 Vertical Platform Lift has not been installed by a National Wheel-O-Vator factory authorized dealer.

No warranty is extended, expressed or implied whether of merchantability or fitness for a particular purpose after expiration of three years from the date of the original shipment of the unit. National Wheel-O-Vator and its dealer shall not be liable for any consequential, special or incidental damages arising out of the purchase or use of the unit of resulting from the breach of the Limited Warranty or any implied warranty. The limit of liability of National Wheel-O-Vator and its dealer hereunder shall be the unit's purchase price. In states where limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages or legal remedies, the above mentioned limitations may not apply.

When making a claim, immediately send the dealer who sold you the unit a notice of your claim. All claims must be received within the warranty time period. Any parts with defects in materials or workmanship will be replaced without charge. This is a materials only replacement. Labor and /or service charges incurred in the repair or replacement of a defective part are not included in the Limited Warranty. All parts used to replace defective materials must be genuine National Wheel-O-Vator parts in order to be covered by the Limited Warranty.

The following are examples of items not covered by this Limited Warranty:

1. Damage during shipment, which is the responsibility of the carrier.
2. Damage due to misuse, neglect, improper assembly, installation, operation, care or maintenance.
3. Damage due to fire, floods or other acts of God or ordinary wear and tear.
4. Minor mechanical adjustments such as tightening of nuts, bolts and screws.

In the event you have questions regarding features or operation of your WOV 355, please contact your authorized dealer first. National Wheel-O-Vator supports its dealer network with expert technical, engineering, and sales personnel. The best way to show your appreciation for this fine residential elevator is to demonstrate it to your friends or tell your colleagues about it.

Thank you!

Please fill out the Dealer Information box below and keep for your records.

Dealer Information	
Name:	_____
Address:	_____ _____
Telephone Number:	_____
Serial Number	_____

Please contact your local authorized National Wheel-O-Vator dealer listed above for information concerning the operation and maintenance of your elevator.