



# **iDEAL 7000TLX**

## **Tilt Lift**

## **Floor Rail Kit**

(TLX-7000-FLRAILKIT)



## **Assembly Manual**

**NOTE:**

**(Supplemental to iDEAL 7000TLX Manual)**

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# SAFETY INFORMATION

## Note, Caution and Warning

This document uses the following notations: Note, Caution and Warning . to alert you to special instructions, tips, or hazards for a given procedure. Please familiarize yourself with the notation explanations described below.



Indicates important information that requires special attention, such as a procedure for a specific vehicle, or tips on operating the equipment.



Indicates the potential for damage to equipment, accessories, or the vehicle unless the instructions or procedure are followed specifically.



Indicates the potential for property damage, personal injury, or death due to hazards associated with the equipment, vehicle, or environment. Do not perform any procedures until you have read and understood the warning instructions.

## Important Information

1. **Read this manual thoroughly** before installing, operating, or maintaining the lift.
2. **This lift is rated to 7,000-lbs lifting capacity.** NEVER EXCEED rated lifting capacity of lift.
3. **This lift is designed for indoor & outdoor use** and should not be installed in a pit or depression.
4. **The floor/surface on which the lift is to be used should be smooth and flat** as possible.
5. **The lift has specific mechanical requirements** as described in the Installation Instructions section of this manual.
6. **This lift has a minimum vehicle height requirement** as described in the Installation Instructions section of this manual.
7. **Failure by the owner / operator to provide the power drill requirements, proper surface, and recommended shelter** (when not in use) could result in unsatisfactory lift performance, property damage, or personal injury.
8. **Do not attempt to install / assemble this lift** if you have never been trained on basic automotive lift installation procedures.
9. **Stay clear of any moving parts** that cause injury.
10. **The operation of the lift is permitted by authorized persons only.**

## Safety Instructions

1. **Only trained personnel should operate this lift.** All non-trained personnel should be kept away from work area. Never let non-trained personnel come in contact with or operate lift.
2. **Do not raise a vehicle on the lift until the installation is completed** as described in this manual.
3. **Technicians should be trained to use and care for the lift by familiarizing themselves with the manual**, including Note, Caution and Warning information. The lift should **never be operated by an untrained person**.
4. **Do not overload the lift.** The capacity of the lift is shown on cover of this manual and on the lift's serial number tag.
5. **Keep everyone clear of the lift when the lift is moving**, the locking mechanism is disengaged or if the vehicle is in danger of falling.
6. **Unauthorized personnel should never be in the shop area** when the lift is in use.
7. Inspect the lift daily. **The lift should never be operated if it has damaged components or is malfunctioning. Replace damaged components with manufacturer's parts, or equivalent.**
8. **Keep area around lift clear of obstacles and well lighted.**
9. **To reduce the risk of personal injury**, keep hair, loose clothing, fingers, and all body parts away from moving parts.
10. **To reduce the risk of electric shock**, do not operate the lift when wet, do not expose the lift to rain.
11. Use the lift only as described in this manual, **use only manufacturer's recommended attachments.**
12. **Anyone who will be in the vicinity of the lift when it is in use should familiarize themselves** with any Caution, Warning, and Safety related decals supplied with this lift, and replace them if they are illegible or missing.
13. **Always ensure that the safety support jack is in place** before any attempt is made to work on or work near the vehicle, after being lifted & tilted.
14. **Always wear safety glasses.** Everyday eyeglasses may only have impact resistant lenses, and not impact resistant frames. These are not safety glasses.
15. **Maintain with care.** Keep lift clean for proper & safe performance. Follow manual for proper lubrication and maintenance instructions.
16. **Check for damaged parts.** Check lift & stand for proper alignment of moving parts, breakage of parts or any condition that may affect the lift's operation. Do not use lift if any component is broken or damaged.
17. **Never remove safety related components from the lift.** Do not use lift if safety related components are damaged or missing.

# TECHNICAL INFORMATION

## Product Description

The iDEAL TLX 7000 Floor Rail Kit is an option accessory designed for insufficient floor surfaces such as uneven and/or rough concrete floor surfaces, allowing for proper & safe lifting operation. The Floor Rail Kit can also be utilized to reduce any wheel travel marks or scratches for polished and/or epoxied type floor surfaces.



The Tilt Lift's travel wheels bear the entire weight of the lifted vehicle which can leave unwanted markings or scratches on polished or epoxied concrete floors.



The manufacturer is not responsible for any damages or injuries resulting of incorrect assembly or usage of the rail kit for uneven or unsuitable floor surfaces.



Never use on unstable floors, such as asphalt, muddy grounds, unlevel surfaces, not reinforced, including rock or stone pavements with holes or surfaces with a tendency to collapse.



The manufacturer and seller are not responsible for any injuries or damages that are the result of incorrect usage of the product on an insufficient floor surface.

## Specifications

Specifications	TLX-7000 w/ Floor Rail Kit
Lift Capacity:	7,000 lbs.
Min. Lift Height	4-5/8+
Lift Weight	121 lbs.
Floor Kit Ship Weight	12 lbs.
<i>All Other Tilt Lift Dims Unchanged.</i>	

## BEFORE USING

### Site Selection

- **LIFT LOCATION:** Check layout dimension against floor plan requirements making sure that adequate workspace is available. The floor surface on which the lift is to be used should be smooth and flat as possible.
- **OVERHEAD OBSTRUCTIONS:** The area where the lift will be located should be free of overhead obstructions such as heaters, building supports, electrical lines etc.

### Surface Condition

- Do not use the Lift on any type of asphalt or soft surface. Ensure lift is placed on a dry, oil & grease free, level concrete surface capable of supporting the weight of the Lift with a vehicle. Do not use Lift on concrete expansion seams or cracked, defective concrete. Failure to accomplish the foundation surface requirements may cause lift instability, which could result in personal injury.

### Operating Conditions

- Operate lift only between temperatures of 41° - 104° F

# INSTALLATION INSTRUCTIONS

NOTE

These instructions must be followed to ensure proper installation and operation of your lift. Failure to comply with these instructions can result in serious bodily harm and void product warranty. Manufacturer will assume no liability for loss or damage of any kind, expressed or implied resulting from improper installation or use of this product.

## Required Tools

- Scissors
- Phillips Screwdriver
- 10mm Wrench or Socket
- Needle Nose Pliers
- Gloves

NOTE

Cardboard Package weight is approximately 12 lbs. The package size is 51”L x 2.4”W x 2.4”H. Package can be easily carried by hand.

## Shipping Package

1. Inspect package for any damages.
2. Open cardboard package by first cutting banding, followed by carefully opening package.
3. Carefully remove contents from package using the Exploded View & Parts List on page 9 to ensure all items are included.

## Floor Rail Kit Assembly

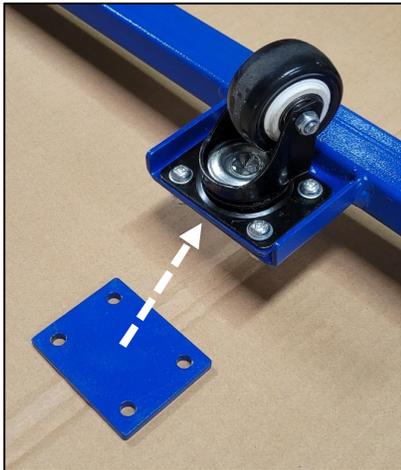
1. Ensure the Tilt Lift is assembled and fully lowered.



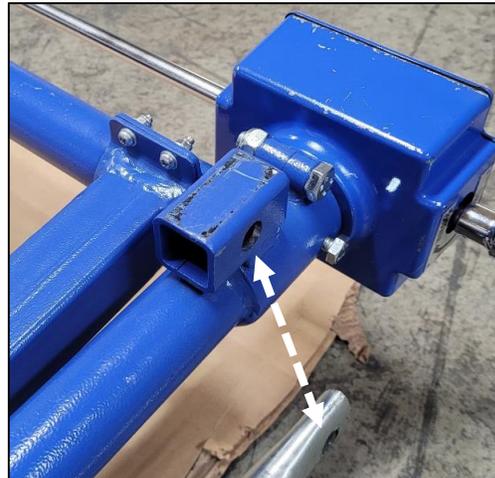
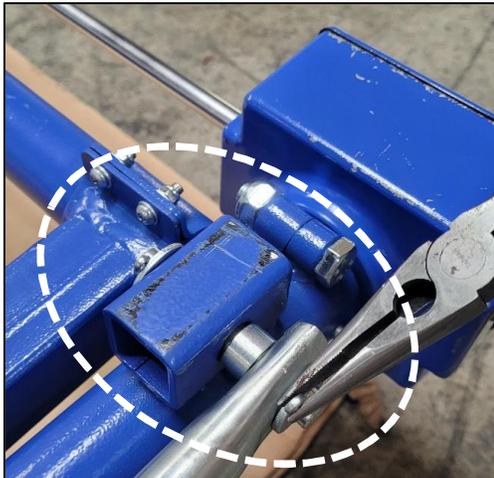
2. Using some form of protection, carefully flip the Lift over onto its topside. Layout Floor Rail parts.



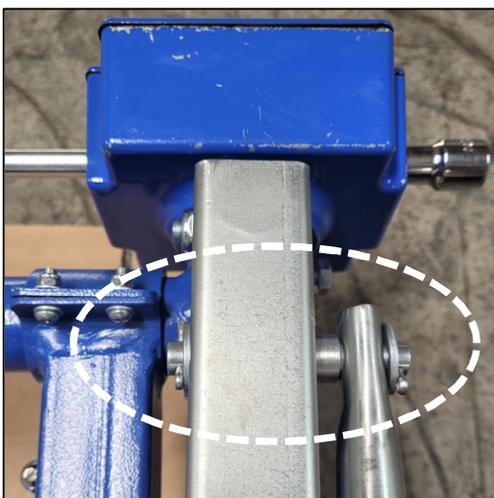
3. (Using the Riser Pads under the Platforms to elevate the lift frame a tad will make this step easier.) Using a Phillips Screwdriver & Wrench or Socket, remove all three Caster Wheels to insert Spacer Plates under each caster base. Retighten Casters & Spacers to lift frame base with same hardware.



4. On the Gearbox end, remove Dowel Pin from the Safety Lock Bar by removing the Cotter Pin, Washer, Spacer. (Dowel Pins will be replaced with a longer one provided in Kit.)



5. Place a Floor Rail on the bottom of lift frame so that the holes for the removed dowel pin are aligned together. Reassemble Floor Rail to lift by inserting longer  $\frac{1}{4}$ " Pin, along with Spacer, Washers & Cotter Pins. Ensure Safety Bar & Rail are aligned. Repeat Floor Rail assembly for opposite side.



6. Once Floor Rails are installed to the Tilt Lift, carefully flip the Tilt Lift right-side up while lifting from the opposite end of gear boxes. Be sure to hold or secure the loose ends of the Floor Rails while flipping the Tilt Lift back over. Ensure Floor Rails are properly aligned to lift, once flipped right-side up.
7. Test Tilt Lift to ensure for proper wheel travel & Safety Lock Bar operation before use.



## **iDEAL 7000TLX with Floor Rail Kit**

### **SPECIAL NOTE**

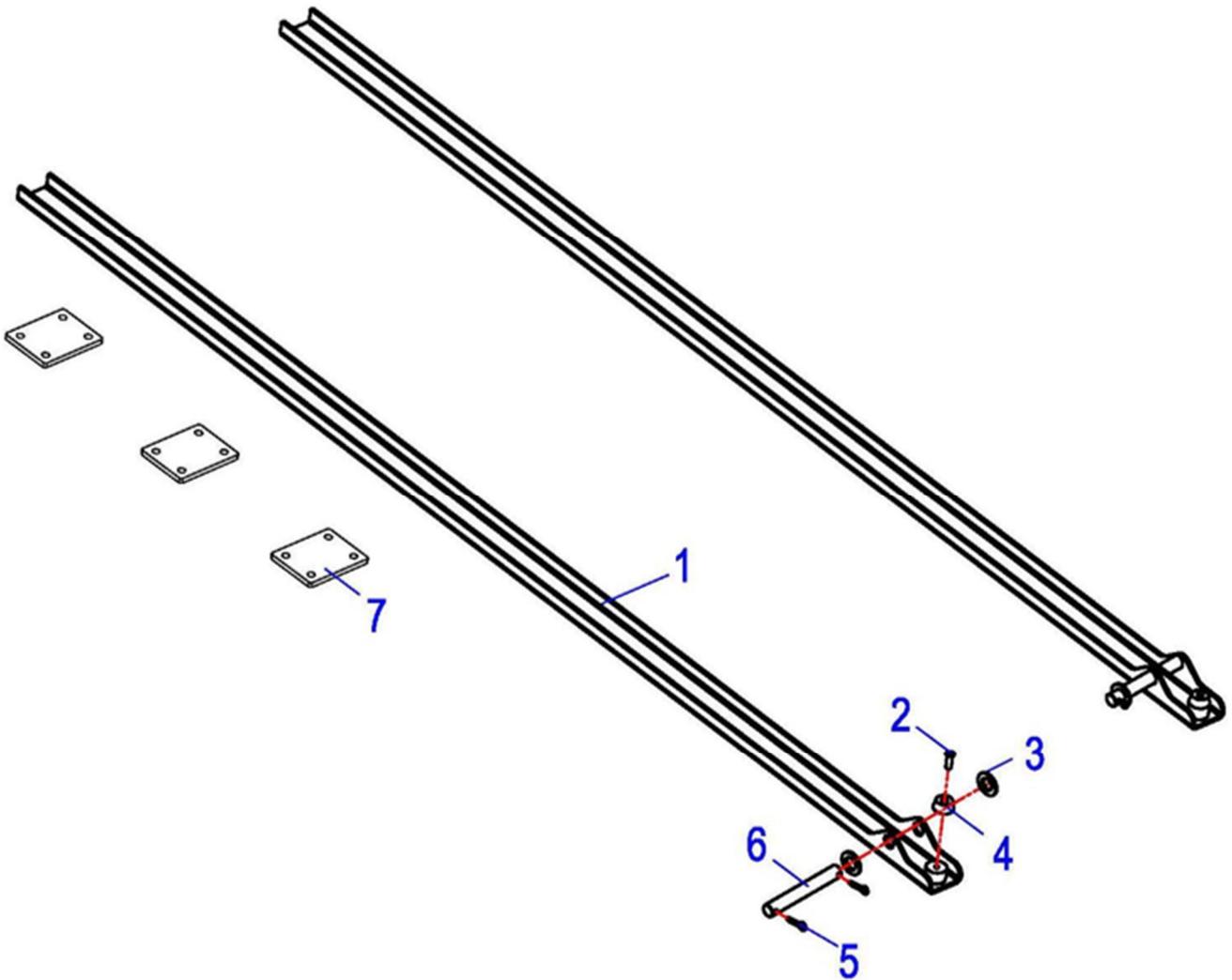
**Refer to the iDEAL 7000TLX Manual for Additional Info. related to:**

- **TILT LIFT SAFETY INFORMATION**
- **TILT LIFT TECHNICAL INFORMATION**
- **BEFORE USING TILT LIFT**
- **FINAL PREPARATION & POSITIONING**
- **OPERATION INSTRUCTIONS**
- **INSPECTION, MAINTENANCE & CLEANING**



**Always unplug the Power Cord from the electrical outlet before performing any inspection, adjustments, maintenance and/or cleaning.**

## EXPLODED VIEW



## PARTS LIST

ITEM	Tux P/N	M-REF P/N	DESCRIPTION	QTY
1	TLX-7000-FLRAILKIT-001	SL03-24100-FJ5	Floor Rail	2
2	TLX-7000-FLRAILKIT-002	5110-04010-000	Screw, M4x10	2
3	TLX-7000-FLRAILKIT-003	5301-00012-000	Flat Washer, D12	4
4	TLX-7000-FLRAILKIT-004	SL03-24001-FJ5	Rubber Stopper	2
5	TLX-7000-FLRAILKIT-005	5404-03020-000	Cotter Pin, D3x20	4
6	TLX-7000-FLRAILKIT-006	SL03-24002-FJ5	Limit Pin, D12x78	2
7	TLX-7000-FLRAILKIT-007	SL03-22000-FJ3	Caster Spacer Plate	3

# LIMITED WARRANTY

## Structural Warranty:

The following parts and structural components carry a five-year warranty:

Columns	Arms	Uprights	Swivel Pins
Legs	Carriages	Overhead Beam	
Tracks	Cross Rails	Top Rail Beam	

## Limited One-Year Warranty:

Tuxedo Distributors, LLC (iDEAL) offers a limited one-year warranty to the original purchaser of Lifts and Wheel Service equipment in the United States and Canada. Tuxedo will replace, without charge, any part found defective in materials or workmanship under normal use, for a period of one year after purchase. The purchaser is responsible for all shipping charges. This warranty does not apply to equipment that has been improperly installed or altered or that has not been operated or maintained according to specifications.

## Other Limitations:

This warranty does not cover:

1. Parts needed for normal maintenance
2. Wear parts, including but not limited to cables, slider blocks, chains, rubber pads and pulleys
3. Replacement of lift and tire changer cylinders after the first 30 days. A seal kit and installation instructions will be sent for repairs thereafter.
4. On-site labor

Upon receipt, the customer must visually inspect the equipment for any potential freight damage before signing clear on the shipping receipt. Freight damage is not considered a warranty issue and therefore must be noted for any potential recovery with the shipping company.

The customer is required to notify Tuxedo of any missing parts within 72 hours. Timely notification must be received to be covered under warranty.

Tuxedo will replace any defective part under warranty at no charge as soon as such parts become available from the manufacturer. No guarantee is given as to the immediate availability of replacement parts.

Tuxedo reserves the right to make improvements and/or design changes to its lifts without any obligation to previously sold, assembled, or fabricated equipment.

There is no other express warranty on the Tuxedo lifts and this warranty is exclusive of and in lieu of all other warranties, expressed or implied, including all warranties of merchantability and fitness for a particular purpose.

To the fullest extent allowed by law, Tuxedo shall not be liable for loss of use, cost of cover, lost profits, inconvenience, lost time, commercial loss or other incidental or consequential damages.

This Limited Warranty is granted to the original purchaser only and is not transferable or assignable.

Some states do not allow exclusion or limitation of consequential damages or how long an implied warranty lasts, so the above limitations and exclusions may not apply. This warranty gives you specific legal rights and you may have other rights, which may vary from state to state.

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