



# IDEAL 7000TLX

**‘Low Rise / Portable / Storable’**

**Automotive Tilt Lift**

**7,000 lb. Capacity**

## **FAQ**

**Frequently Asked Questions**



# FAQs

## WHAT IS THE MAXIMUM TIME A VEHICLE CAN REMAIN LIFTED?

The iDEAL 7000TLX can maintain a vehicle at a chosen height indefinitely, as there is no time limit with the height position being fixed. Always remember to use one of the safety locking pins and jack stand before going under any lifted or tilted vehicle, no matter how long or short the duration. Remember to always lower the iDEAL 7000TLX fully when not in use.

## HOW CAN I RECOGNIZE THE POINT OF GRAVITY OF EACH VEHICLE, SO I CAN TILT THE VEHICLE EASILY?

There are 3 Basic Layout Positions for Passenger Vehicles:

- 1.) Front Engine / Front Wheel Drive - recommended to position the iDEAL 7000TLX under vehicle so that the gear boxes are positioned about 4+behind the front wheels.
- 2.) Front Engine / Rear Wheel Drive - recommended to position the iDEAL 7000TLX under vehicle so that the gear boxes are positioned about 12+behind the front wheels.
- 3.) Rear Engine / Rear Wheel Drive - recommended to position the iDEAL 7000TLX under vehicle with gear boxes facing towards rear wheels so that the gear boxes are positioned about 4+from the back wheels.

***Note:** Recommendations noted above should be used as a 'base-line' for the iDEAL 7000TLX lift placement. You may need to adjust the lift's position 'front or back' an inch or two in order to obtain easy vehicle tilting. Once the best balance placement for your lift & vehicle has been established, it is recommended to mark the underside of vehicle for future iDEAL 7000TLX usage.*

## DO I ALWAYS HAVE TO LIFT A VEHICLE TO THE LIFT'S MAXIMUM HEIGHT?

No, the iDEAL 7000TLX can be stopped at almost any chosen height. You can stop it at any lift height between 0+to 22.5+. Always remember to put one of the locking pins in place and jack under vehicle after performing lifting operation.

## CAN I LIFT ELECTRIC & HYBRID CARS WITH MY IDEAL 7000TLX?

Yes. As always, make sure the lifting platforms or riser bars are not pressing against any underbody components, pipes, cables, etc. before lifting the vehicle. If the battery parts of an electric vehicle are extended into the chassis section of the vehicle, be especially careful to prevent any damages to these parts.

## **WHAT HEIGHT WILL MY VEHICLE BE AT THE FRONT OR BACK WHEN FULLY LIFTED & TILTED?**

This will vary from one vehicle to the next depending on where the iDEAL 7000TLX has been positioned under the vehicle, in combination of how long front and rear vehicle overhangs are.

**Note:** *Always check & confirm that the ceilings in the building or work area are high enough to accommodate your vehicle comfortably when lifted and then tilted.*

## **WHAT CAN I DO IF MY DRILL ADAPTER BREAKS?**

The dimensions of the drill adapter have been designed to prevent damages to gear boxes and/or injury to the person operating the iDEAL 7000TLX lift. Therefore, the adapter should only break if the user does not follow the operation instructions when using the power drill. Damages still may occur when the lift exceeds the minimum or maximum height travel limits. Every lift package of the iDEAL 7000TLX contains 4ea drill adapters for just this occasion.

## **MY VEHICLE WEIGHS EXACTLY 7,000 LBS. (3175 KG), SHOULD I BE AFRAID TO USE THE IDEAL 7000TLX WHEN ITS MAXIMUM LIFTING WEIGHT IS 7,000 LBS.?**

The iDEAL 7000TLX lift has been engineered & tested for a max lifting capacity of 7,000 lbs. (3175 kg). The iDEAL 7000TLX lift was designed, engineered & tested with a heavier load of 125% of the max rated weight capacity.

## **DO I HAVE TO USE THE LOCKING PIN WHEN THE VEHICLE IS LIFTED UP?**

Yes, always ensure to use of one of the locking pins after vehicle has been lifted. The iDEAL 7000TLX lift allows the option to use locking pin on either side.

**WARNING:** *Always ensure to remove the locking pin any time the vehicle is to be lowered, to prevent damages.*

## **IS IT POSSIBLE TO USE THE IDEAL 7000TLX IN HUMID ENVIRONMENTS?**

Yes, the iDEAL 7000TLX is completely mechanical & water resistant, so it can be used to wash the bottom of vehicles and/or used in most any type of humid environments.

**WARNING!** *Always keep the power drill & cord away from wet or humid environments!*

## **DO I HAVE TO USE THE JACK STAND WHILE THE VEHICLE IS TILTED?**

Yes, it is always mandatory to use the jack stand every time iDEAL 7000TLX is in use to prevent any injuries. Using the jack stand will prevent the vehicle from tilting by holding vehicle in a fixed position, preventing possible personal injury, which can be caused by unexpected vehicle tilting, if a person is working under the vehicle.

## WHAT TYPE OF VEHICLES CAN I LIFT WITH THE IDEAL 7000TLX?

The iDEAL 7000TLX will lift a vast majority of passenger cars. The lifting platforms are adjustable width, designed to slide in & out to accommodate different chassis widths or lifting points of most passenger cars.

**Note:** *iDEAL 7000TLX is intended to be used to lift vehicles with unibody construction only. Do not use this product to lift or tilt vehicle with body-on-frame type construction!*

**WARNING!** *The manufacturer and seller are not responsible for any injuries or damages that are the result of usage while lifting and/or tilting vehicles with body-on-frame construction. See Technical information for details on lift platform dimensions.*

## CAN THE VEHICLE ACCIDENTALLY TILT ON ITS OWN WHEN RAISED ON THE IDEAL 7000TLX?

No, the vehicle should not tilt of its own while on the iDEAL 7000TLX, unless the vehicle's center of gravity changes. (Examples: removing heavy vehicle parts or components, such as: engine, wheels, axle, heavy items in trunk, etc.) If the vehicle's center of gravity changes, the vehicle may then tilt by itself. Always use the jack stand.

## WHAT IS THE MAXIMUM VEHICLE WIDTH FOR WHICH THE IDEAL 7000TLX CAN BE USED?

The iDEAL 7000TLX is equipped with adjustable width platforms that can slide to a minimum inside width of 44.5+(113 cm) and a maximum outside width of 63.75+(162 cm). As a result, the maximum chassis frame width is 61+(155 cm), with the minimum chassis frame width being at 48+(122 cm).

**Note:** *The iDEAL 7000TLX can be used for vehicle types with a classic type chassis, meeting the min/max frame width requirements.*

## WHY ARE THERE UP & DOWN ARROWS APPLIED FOR EACH GEARBOX?

The iDEAL 7000TLX is equipped with exclusive twin dual-action gear drives & dual independent safety lock bars & safety pins. The twin dual-action gear drives & dual independent safety lock bars allow for full operation from either side of iDEAL 7000TLX lift, simply using the forward & reverse function of the power drill!

**Note:** *For single direction drills, lift operation can still be easily utilized by using the side-specific gearbox for Up & Down operations, as noted on the Gearbox decals.*

## WHAT DRILL POWER IS REQUIRED TO LIFT A VEHICLE?

A 120VAC electric power drill with a minimum 10 Amp motor, is required for proper lift operation. A lower powered type of drill may strain or burnout while operating the iDEAL 7000TLX lift's gearboxes. (Power Drill is NOT included with iDEAL 7000TLX.)

## **CAN A VEHICLE BE HELD IN THE HORIZONTAL LIFTED POSITION?**

No, it is not recommended for a vehicle to be held in a horizontal lifted position, which does not allow correct usage of the jack stand for proper & safe operation.

## **CAN I USE AIR TOOLS?**

No, the use of pneumatic air tools is forbidden for the iDEAL 7000TLX. If pneumatic air tools are used, there is a great possibility the drive-gear mechanisms will be damaged; the warranty does not cover these types of damages. It is also forbidden to use any type of impact tools, for the same reasons.

## **CAN I USE A CORDLESS DRILL?**

Yes, but not recommended. Usage depends on the power of the cordless drill & duration of the rechargeable battery. If strong enough and not an impact drill, then a cordless drill can be used.

***WARNING!*** Do not use an impact drill, warranty will not cover any related damages.

## **WHEN IS IT NECESSARY TO USE THE RISER BARS?**

Use of riser bars are typically required whenever lifting low-profile type vehicles with extended plastic side skirts, body kits, etc. Riser bars are to be fully placed on top of the iDEAL 7000TLX lift's platforms. Ensure the riser bars rests on a solid part of chassis to prevent any damages to molded plastic or other fragile parts.

## **CAN I DRIVE-OVER THE IDEAL 7000TLX LIFT WITH A VEHICLE?**

No, lift must be positioned under the vehicle from either the driver or passenger side.

***WARNING!*** It is forbidden to drive-over the iDEAL 7000TLX lift, as it may cause damages to the vehicle, as well as the lift itself. The warranty does not cover these types of related damages.

## **WHAT IS THE WORK AREA DIMENSIONS NECESSARY TO USE THE LIFT?**

The minimum work area distance is 65+(5 $\phi$ +) from the side of vehicle, allowing clearance to easily position & roll the iDEAL 7000TLX under the vehicle from the side. For standard passenger vehicles, a garage area with a ceiling height of 8qis typically high enough but depends on the length & type of vehicle.

***WARNING:*** Ensure to check the height of the ceiling before tilting a lifted car! Before raising a vehicle, always check the work area & surroundings to ensure there is plenty of clearance so the vehicle will not contact any part of the ceiling, overhead structure, etc. The manufacturer and seller are not responsible for any injuries or damages, resulting from incorrect usage while lifting and/or tilting a vehicle.

## **WHAT TO DO WHEN THERE IS A POWER OUTAGE AND HOW CAN I LOWER THE VEHICLE?**

The iDEAL 7000TLX comes standard with a Manual gear-drive Handle & Adapter that can be used to lower or raise the lift manually. A 1/2+ratchet wrench can also be used.

## **DOES THE IDEAL 7000TLX NEED ANY TYPE OF MAINTENANCE?**

The iDEAL 7000TLX comes from the factory with the gear-drives, pivot points & lock bars already pre-greased, which should not require any lubrication or maintenance when new or first used. Based on usage, periodically check all pivot points & lock bars, and lubricate with white lithium grease, as required. To maintain the gear-drives to reduce friction, the iDEAL 7000TLX incorporates grease zerks to easily add grease to the top of the gear-drive boxes, whenever required.

## **WHERE SHOULD I LIFT THE VEHICLE IF I WANT TO TILT IT?**

To tilt a vehicle, it is highly recommended to carefully lift by hand the (front or back) part of the vehicle that is contacting the floor. Ensure to lift only using a solid, stable & secured section of the vehicle, such as the bumper, fender, trunk, etc. The manufacturer is not responsible for any injuries or damages that may result due to incorrect lifting and/or tilting of vehicle.

## **WHERE TO STORE IDEAL 7000TLX LIFT WHEN NOT IN USE?**

The iDEAL 7000TLX comes standard with wall hanger brackets for convenient storage, to save space. It can also be kept leaning against the wall on the gear box housings. There are no special conditions required for storing, except that the room temperature the iDEAL 7000TLX will be stored, should be between 32°-104°F (0°-40°C).

**Note:** *Wall hanger brackets do not come with mounting hardware. It is up to the customer to select the best hardware to support & mount wall brackets. Ensure to use mounting hardware that can support a total minimum weight of 120 lbs. (54kg).*

**WARNING:** *The product should be assembled, used, and stored well away from sources of heat such as radiators, boilers, direct sunlight, etc. Sources of heat can possibly damage the rubber on the platforms & riser bar pads. Also, metal parts of the product could become very hot due to a heat source and if contacts skin or other parts of the body, injuries may occur. The manufacturer is not responsible for any injuries or damages that are result of incorrect storage of the product.*

## **WHAT TO DO IF I AM NOT ABLE TO TILT THE VEHICLE?**

The vehicle was probably placed outside the center-of-gravity. Suggest changing the lift position towards the center-of-gravity of the vehicle in small 2+increments until the desired vehicle balanced is achieved. (Example: slightly adjust lift position either towards the engine or towards back of the vehicle).

## **WHAT IS THE MINIMUM HEIGHT OF MY IDEAL 7000TLX?**

The lift in its fully lowered position is approximately 4.5+(11.43 cm) high. The lift should roll easily under any vehicle with an underbody clearance height of 4.55+(11.55 cm) or more. If vehicle has an underbody clearance height less than 4.5+, then 4ea 2+x 6+ sections of wood could be applied under each wheel to increase underbody clearance.

## **IS IT POSSIBLE TO USE THE IDEAL 7000TLX FOR SPORT CARS OR LOW PROFILE VEHICLES?**

The iDEAL 7000TLX can be used for most all vehicles with minimum clearance height of 4.55+(11.55 cm). Always be careful lifting modified vehicles which can have plastic/carbon fiber side skirts or body kits installed. In such cases, you may need to use the provided riser bars to provide better clearance.

***WARNING! Never lift vehicle with platforms or riser bars touching plastic side skirts!***

## **WHAT IS INCLUDED WITH MY IDEAL 7000TLX LIFT PURCHASE?**

Every iDEAL 7000TLX Lift come standard with a Jack Stand, Riser Bars (2), Wall Brackets (2), Drill Adapters (4) & Manual Handle w/ Adapter. Each iDEAL 7000TLX Lift is shipped in a wooden crate, with contents secured & well protected. The crate packaging is stackable and easily maneuverable using a fork-lift or pallet jack.

***Note: Optional Floor Rail Kit also available for uneven or rough floor surfaces.***

## **HOW LONG IS THE WARRANTY FOR THE IDEAL 7000TLX?**

Limited one-year warranty from the date of purchase of the lift. The warranty will not apply if the safety instructions, precautions, and storage instructions are not followed.

## WHAT SURFACES ARE SUITABLE FOR THE IDEAL 7000TLX?

The iDEAL 7000TLX can be used on most all reinforced concrete floors with level & smooth floor surface, commonly used in garages, shops & service centers. For uneven and/or rough concrete floor surfaces the optional iDEAL Floor Rail Kit should be applied for proper & safe lifting operation. The Floor Rail Kit can also be used to reduce any wheel travel marks or scratches for polished and/or epoxied floor surfaces.

**WARNING:** *The 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.*

# iDEAL 7000TLX

