



TEXAS EQUIPMENT

6,600lbs Single Post Lift OPERATOR'S MANUAL

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**Model
17706**

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CONTENTS

1. Introduction

Welcome

How To Use This Guide

How To Receive Additional Help

2. Safety Information

Notation

Important Information

Safety Instructions

Disclaimer

3. Technical Information

Description

Technical Specifications

4. Operating Instructions

Caution & Warning Labels

Operating Procedures

1. Introduction

1.1 Welcome

Congratulations on purchasing the 17706 Single Post Lift. In the pages that follow you will find information on how to safely operate the 17706.

1.2 How To Use This Guide

This Operator's Manual provides detailed instructions for properly operating the 17706 lift. Please read through the entire guide prior to using the lift to ensure safe and reliable operation.

1.3 How To Receive Additional Help

This guide is designed to provide complete, detailed instructions and information to assist in safe and smooth operation. If you require supplemental information or instructions, or encounter any other problems or issues, please contact Texas Equipment directly at +1 (949) 333-3800.

2. Safety Information

2.1 Notation



Indicates potential damage to equipment, accessories, or the vehicle if procedures are not followed precisely. Be sure to read each step completely prior to performing the necessary tasks.



Indicates potential property damage, personal injury or death due to hazards associated with the equipment, vehicle, or surrounding environment. Be sure to read each step completely prior to performing the necessary tasks.

2.2 Important Information

- Read this entire manual thoroughly prior to operating or maintaining this lift.
- The 17706 Single Post Lift is designed **FOR INDOOR USE ONLY**. Refer to the Installation Instructions for proper installation requirements and procedures.
- The 17706 Single Post Lift should only be operated by authorized personnel who have been properly trained.

2.3 Safety Instructions

- **DO NOT** raise a vehicle on the lift prior to completing the installation instructions and reading through these operating instructions.
- Technicians should be trained to use and maintain the lift using the installation and operator's instructions. **The lift should never be operated by an untrained person.**
- Always ensure the arms and adapters are clear of the driving path of the vehicle. Failure to do so could cause damage to the lift and/or vehicle.
- **DO NOT** overload the lift. The capacity of this lift is 6,600 lbs (3,000 kg).
- Positioning the vehicle is very important. Only trained technicians should position the vehicle on the lift. **Never allow anyone to stand in the path of the vehicle as it is being positioned. Never raise vehicle with passengers inside.**

- Keep everyone clear of the lift while operating the lift.
- Unauthorized personnel should never be in the shop area while the lift is in use.
- Inspect the lift daily. **The lift should never be operated if it has damaged components, or is malfunctioning.** Only qualified technicians should service the lift. Replace damaged components with manufacturer's parts.
- Keep the area around the lift clear of obstacles.
- **Never override the self-returning lift controls.**
- Use safety stands when removing or installing heavy vehicle components.
- Avoid excessive rocking of the vehicle when it is on the lift.
- To reduce the risk of personal injury, keep hair, loose clothing, fingers, and all body parts away from moving parts.
- To reduce the risk of electric shock, **DO NOT** use the lift when wet. **DO NOT** expose the lift to rain.
- To reduce the risk of fire, **DO NOT** operate equipment in the vicinity of open containers of flammable liquids.
- Use the lift only as described in this manual. Use only manufacturer's recommended attachments.
- Unusual vehicles, such as limousines, RV's, and long wheelbase vehicles, may not be suitable for lifting on this equipment. If unsure about the application, contact Texas Equipment directly.
- The troubleshooting and maintenance procedures described in this manual can be done by personnel who have been familiarized with this manual. Any other procedures should only be performed by a trained lift service personnel. These restricted procedures include, but are not limited to, the following: cylinder replacement; carriage and safety latch replacement; leg replacement; and overhead structure replacement.
- Anyone who will be in the vicinity of the lift while it is in use should familiarize themselves with the Caution, Warning, and Safety related decals supplied with this lift. Replace them if they are illegible or missing.

2.4 Disclaimer

Texas Equipment reserves the right to change the specification or function of any product without prior notice. The information contained in this manual was considered accurate at the time of printing and is subject to change without notification. Any comments or concerns regarding this document should be directed to Texas Equipment.

3. Technical Information

3.1 Description

The 17706 Single Post Lift is a surface mounted, frame contact lift which incorporates the latest safety technologies. Designed and manufactured for a 6,600 lbs (3,000 kg) lifting capacity, the 17706 can accommodate a wide range of vehicles.

3.2 Technical Specifications

Lifting Capacity	6,600 lbs (3,000 kg)
Undercar Clearance	77"
Runway Width	18 7/8"
Runway Length	152" (without ramp)
Approach Ramp Length	18 5/16"
Overall Dimensions	176" (L) x 112 5/8" (W) x 102 3/8" (H)

4. Operating Instructions

4.1 Caution & Warning Labels

Be sure to familiarize yourself with the Safety Information contained in **Section 2** of this document. **FAILURE TO ADHERE TO THE SAFETY INFORMATION MAY RESULT IN PROPERTY DAMAGE, EQUIPMENT FAILURE, SERIOUS INJURY OR DEATH.**

4.2 Operating Procedures



Be sure to familiarize yourself with the Safety Information contained in **Section 2** of this document. **FAILURE TO ADHERE TO THE SAFETY INFORMATION MAY RESULT IN PROPERTY DAMAGE, EQUIPMENT FAILURE, SERIOUS INJURY OR DEATH.**



To reduce the risks of personal injury and property damage, only trained personnel should operate the lift. After familiarizing yourself with the following procedures, practice using the lift for a few cycles without any load.



Always lift the vehicle using all proper lifting points. **NEVER LIFT SPECIFIC PARTS OF THE VEHICLE INDEPENDENTLY FROM THE REST. THE ENTIRE VEHICLE MUST BE RAISED EVENLY.**



Ensure the vehicle will balance properly and reduce the risks of damage or injury.

Using the Lift

Press the start button on the control unit and hold, to activate the switch which turns the electric motor on. The motor operates an internal pump that forces hydraulic oil into the lift pistons, which extends the roller chain and raises the lift.



As the lift rises, an internal safety latch will pass over the steel stops. The lift is raised by holding the button in while it is rising, and releasing the button when it has reached the desired height. For safety, after the desired height is reached, press the lowering handle, until the lift comes to a rest on the safety stops.

To lower the lift, you must first raise the lift a little to get the lock block disengaged. Pull the latch -release cable to get lock block released while also depressing the handled release valve and holding it. The lift will lower down. The weight of the lift will cause the lift to lower by gravity. No power is required to lower the lift. After the installation is complete, before first time application, raise the lift about two feet and then lower it. Repeat this process two or three times, and then top off the hydraulic oil reservoir again, if necessary. This assures that hydraulic oil is distributed everywhere in the system that it needs to be.

NOTE: Only top off the reservoir with the lift in the “down” position. If you fill the reservoir in the “up” position and then lower the lift, there will be too much hydraulic oil in the system, and it will squirt out of the top of the control unit.

Raising a Vehicle

Drive the vehicle onto the ramps until it is about centered. Set the parking brake. Depress the “up” button and the vehicle will rise. Raise the vehicle until it is at the desired height.

BE CAREFUL NOT TO RAISE THE VEHICLE SO HIGH THAT IT STRIKES THE CEILING! MAKE SURE ANTENNAS ARE REMOVED, IF NECESSARY, AND BE AWARE OF ANYTHING THAT PROTRUDES FROM THE CEILING, LIKE LIGHTBULBS, GARAGE DOOR OPENERS OR DOOR TRACKS. IT IS VERY HELPFUL IF YOU HAVE A “SPOTTER” ON A LADDER TO TELL YOU WHEN YOU ARE NEAR THE CEILING FOR THE FIRST LIFT!

When the vehicle is in the correct position, it is useful to mark the position of the carriage relative to the lift leg with two pieces of electrical tape or a felt tip marker. When you make future lifts, all you have to do is operate the lift till the reference marks line up, and you will know that the car is in the right position. If you alternate vehicles that you will lift, you will need a separate set of reference marks for each. The higher you lift the “raised” vehicle, the more headroom you will have to enter and exit the one you park underneath.

Miscellaneous

Depending on the size of your garage, and the size of vehicles, you should take care when moving around the lift until you get used to it being there. It is useful to spray paint the ends of the ramps and the ends of the lift arms a bright fluorescent color to help catch your eye and avoid head bumps. You may also wish to repaint dings and scrapes in the lift paint that occurred during shipping and installation. The inside comers of the lift leg should be re-greased with a general-purpose axle grease every year, or so, as it becomes obvious that it needs it.

