

Ramp Stenjoh 5T 2 Post

Annual Refresher Training Document

Introduction

Welcome to your **Ramp Stenjoh 5T 2 Post Annual Refresher Training**. This document is designed to provide you with essential safety and operational guidelines for the Ramp Stenjoh 5T 2 Post Lift, a critical piece of equipment used for lifting vehicles. Proper training and adherence to safety protocols ensure that you can operate this lift safely and efficiently.

Before continuing with this document, it is **mandatory** that you watch the **supplied training video**, which covers important visual demonstrations of the correct operation, safety checks, and maintenance procedures for the 5T 2 Post Lift. The information provided in the video is essential and must be reviewed to fully understand the procedures outlined in this training.

Training Objectives

Upon completion of this refresher training, you will be able to:

1. Identify key components of the Ramp Stenjoh 5T 2 Post Lift.
 2. Safely operate the lift for lifting and lowering vehicles.
 3. Conduct regular safety inspections and perform routine maintenance.
 4. Recognize hazards associated with the lift and take appropriate actions to mitigate risks.
 5. Respond to emergencies and lift malfunctions effectively.
 6. Complete necessary documentation regarding inspections and incidents.
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1. Overview of the Ramp Stenjoh 5T 2 Post Lift

The **Ramp Stenjoh 5T 2 Post Lift** is a vehicle lift with a weight capacity of **5 tons**. It features two vertical posts that house lifting arms, a hydraulic power system, and an integrated control panel to raise and lower vehicles. The 5T 2 Post Lift is commonly used in automotive repair shops, service centers, and maintenance facilities.

Key Components

1. **Lifting Arms:** These arms support the vehicle while it is raised. They are adjustable to accommodate different vehicle sizes.
2. **Post Columns:** The vertical posts that support the entire lift structure.
3. **Hydraulic Power Unit:** The system that powers the lifting mechanism, allowing the lift to raise and lower the vehicle.
4. **Safety Locks:** These locks engage once the vehicle reaches the desired height to prevent accidental lowering.
5. **Lift Control Panel:** This panel controls the movement of the lift, typically featuring buttons or levers to raise and lower the vehicle.

6. **Base Plate and Ramp:** The flat surface and ramp that the vehicle drives onto when being positioned for lifting.
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2. Safe Operating Procedures

As demonstrated in the **supplied video**, safe operation of the Ramp Stenjoh 5T 2 Post Lift is essential to avoid accidents or malfunctions. Below are the main operating steps to follow:

A. Pre-Use Inspection

Before using the Ramp Stenjoh 5T 2 Post Lift, you must conduct a thorough inspection to ensure it is in safe working condition. The video outlines the following checks:

1. **Check for leaks:** Examine the hydraulic hoses and connections for any signs of leaks or damage.
2. **Inspect lifting arms:** Ensure the lifting arms are undamaged and functioning correctly.
3. **Verify the lift's structural integrity:** Inspect the posts and base for any signs of instability or damage.
4. **Test the safety locks:** Make sure the safety locks are in good working condition.
5. **Check the power unit:** Ensure the hydraulic system is functioning and that the power unit is not leaking.
6. **Test the lift controls:** Make sure the lift control panel is responsive and functions smoothly in all directions.

B. Positioning the Vehicle

1. **Align the vehicle:** Position the vehicle centrally on the ramp, ensuring the lifting arms are properly aligned under the vehicle's lifting points.
2. **Verify the weight:** Confirm that the vehicle does not exceed the 5T weight capacity of the lift.
3. **Ensure sufficient space:** Make sure there are no obstacles or hazards around the lift and vehicle.

C. Lifting the Vehicle

1. **Engage safety locks:** Before lifting, disengage the safety locks so the vehicle can be lifted smoothly.
2. **Raise the vehicle:** Use the control panel to gradually lift the vehicle. Monitor the vehicle during the lifting process to ensure it is being raised evenly and safely.
3. **Stop at desired height:** Once the vehicle reaches the required height, stop lifting. Confirm that the vehicle is stable before proceeding.

D. Lowering the Vehicle

1. **Clear the area:** Ensure no one is in the danger zone around the lift before lowering the vehicle.
 2. **Lower slowly:** Use the control panel to slowly lower the vehicle to the ground. Always maintain control of the lowering process.
 3. **Re-engage the safety locks:** Once the vehicle is safely lowered to the ground, engage the safety locks to prevent any accidental movement.
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3. Inspection and Maintenance

Routine inspection and maintenance are vital to keep the Ramp Stenjoh 5T 2 Post Lift in optimal working condition. The training video covered key maintenance practices that should be followed regularly:

A. Daily Pre-Use Inspections

- **Visual check for wear and tear:** Inspect all components, including lifting arms, post columns, and the hydraulic system, for any signs of damage or wear.
- **Hydraulic hose check:** Ensure that no hoses are cracked, frayed, or leaking.
- **Test safety locks:** Make sure the safety locks engage securely and are in good working condition.
- **Check the control panel:** Verify that all controls on the lift are functioning properly.

B. Periodic Maintenance

- **Lubricate moving parts:** Apply lubricant to all moving components, including lifting arms and joints, to reduce friction and prevent premature wear.
- **Check hydraulic fluid levels:** Regularly inspect the hydraulic fluid and top it up if needed to ensure proper operation of the lift.
- **Inspect cables and pulleys:** Periodically check the cables, pulleys, and other mechanical parts for signs of wear or damage.
- **Examine the foundation:** Check the base and posts for stability. Ensure that all anchor bolts are tight and the lift is securely fastened to the floor.

C. Fault Reporting and Repairs

- **Immediate reporting of faults:** If any faults or issues are identified during an inspection, report them immediately to your supervisor or the maintenance team.
 - **Repairs by qualified technicians:** Do not attempt to repair the lift yourself. Any necessary repairs should be carried out by a qualified technician to ensure safety and compliance.
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4. Emergency Procedures

In the event of an emergency, follow the steps outlined in the **training video**:

A. Power Failure

- **Manual lowering:** If the lift fails due to a power outage or hydraulic issue, use the manual lowering system to safely bring the vehicle back to the ground.

B. Vehicle Instability

- **Stop operation immediately:** If the vehicle becomes unstable during lifting or lowering, stop the operation and secure the area. Recheck the vehicle's position and the lift's functionality before proceeding.

C. Hydraulic or Mechanical Failure

- **Shut off the power:** In case of hydraulic or mechanical failure, immediately turn off the lift's power supply and notify your supervisor or maintenance team.
 - **Do not use the lift:** Never attempt to use the lift if it is malfunctioning. Ensure that repairs are made by a qualified technician before the lift is used again.
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5. Documentation and Reporting

Accurate documentation of inspections, maintenance, and any incidents is essential for safety and compliance.

A. Inspection Logs

- **Record daily inspections:** Log all routine inspections and any issues identified during the inspection.
- **Maintenance records:** Keep track of maintenance performed on the lift, including lubrication, hydraulic fluid levels, and part replacements.

B. Incident Reports

- **Report all incidents:** If an accident, malfunction, or near-miss occurs, complete an incident report immediately. Document the issue, actions taken, and any corrective measures.
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Conclusion

Thank you for completing your **Ramp Stenjoh 5T 2 Post Annual Refresher Training**. Following the procedures outlined in this training document and the supplied video will ensure that you can operate the lift safely and maintain it in good working condition. Always conduct regular inspections, perform maintenance, and report any issues immediately.

If you have any further questions or need clarification on any points, please contact your supervisor or the Training Coordinator.

Employee Name: _____ **Date:** _____

Supervisor Signature: _____