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> Mytee Products Air Tank Instruction Manual

Mytee Products MPNHDX-19840

Mytee Products Air Tank Instruction Manual

Model: MPNHDX-19840

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the Mytee Products Air Tank. This heavy-duty air tank reservoir is designed for use in air brake systems and is compatible with Freightliner vehicles, serving as a direct replacement for OEM part HDX 19840.



Image: Mytee Products Air Tank, a black cylindrical tank with mounting brackets on both ends, viewed from the side.

Key Features:

- Direct OEM Replacement: Replaces HDX 19840.
- Capacity: 1490 cubic inches.
- Dimensions: Approximately 9.5 inches in diameter by 27.5 inches in length.
- Heavy-Duty Construction: Built for durability and reliable performance in demanding automotive applications.



Image: Close-up of one end of the air tank, highlighting a threaded port and a sturdy mounting bracket.



Image: Close-up of the opposite end of the air tank, showing another threaded port and the corresponding mounting bracket.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the air tank. It is recommended that installation be performed by a qualified technician following all applicable vehicle manufacturer guidelines and safety standards.

General Installation Steps:

1. **Safety First:** Ensure the vehicle's air system is completely depressurized before beginning any work. Disconnect the battery to prevent accidental activation of electrical components.
2. **Remove Old Tank:** Carefully disconnect all air lines and mounting hardware from the existing air tank. Note the routing of air lines for reinstallation.
3. **Inspect Mounting Area:** Clean and inspect the mounting location for any corrosion or damage. Ensure the area is structurally sound to support the new tank.
4. **Position New Tank:** Align the Mytee Products Air Tank with the existing mounting points. Secure it using appropriate hardware, ensuring a tight and stable fit.
5. **Connect Air Lines:** Reconnect all air lines to the corresponding ports on the new tank. Use thread sealant on all threaded connections to prevent leaks. Ensure all connections are secure and free of kinks or obstructions.
6. **Leak Check:** Once installed, repressurize the air system and carefully check all connections for air leaks using a soapy water solution. Bubbles indicate a leak.
7. **Final Inspection:** Verify that the tank is securely mounted and all lines are properly connected and routed away from moving parts or heat sources.

Refer to your vehicle's specific service manual for detailed instructions and torque specifications for mounting hardware.

OPERATING GUIDELINES

The Mytee Products Air Tank functions as a reservoir for compressed air within the vehicle's air brake system. Its operation is integral to the overall air system and does not involve user-adjustable controls.

Normal Operation:

- The air tank will automatically fill with compressed air from the vehicle's air compressor.
- Pressure will be maintained within the system's specified operating range.
- The tank stores air for various pneumatic functions, primarily the air brake system.

Always ensure your vehicle's air pressure gauges indicate proper operating pressure before driving. Do not operate the vehicle if air pressure is below safe operating levels.

MAINTENANCE

Regular maintenance of the air tank is essential to ensure the longevity and safety of your vehicle's air system. Moisture accumulation is a primary concern.

Recommended Maintenance:

- **Drain Moisture Daily:** Air tanks accumulate moisture from compressed air. Locate the drain valve (typically at the lowest point of the tank) and open it daily to drain any accumulated water. Continue draining until only air escapes.
- **Inspect for Leaks:** Periodically check all air lines and connections to the tank for signs of air leaks. Use a soapy water solution; bubbles indicate a leak. Address any leaks promptly.
- **Check Mounting:** Ensure the tank remains securely mounted to the vehicle chassis. Tighten any loose mounting bolts as necessary.
- **Visual Inspection:** Regularly inspect the tank for any signs of external damage, corrosion, or deformation. Any significant damage warrants immediate replacement.

Failure to regularly drain moisture can lead to corrosion within the tank and air system components, potentially causing system failure.

TROUBLESHOOTING

This section addresses common issues related to air tanks. For complex problems, consult a certified mechanic.

Common Issues and Solutions:

Problem	Possible Cause	Solution
Air pressure loss	Air leak in tank or lines; faulty air compressor; faulty check valve.	Inspect all connections for leaks (use soapy water). Repair or replace leaking components. Check compressor and check valve function.
Excessive moisture in air system	Infrequent draining of air tank; faulty air dryer.	Drain air tank daily. Inspect and service or replace air dryer if necessary.
Tank appears damaged or corroded	Physical impact; prolonged exposure to moisture without draining.	Immediately replace the air tank. Do not attempt to repair a damaged or corroded pressure vessel.

SPECIFICATIONS

Attribute	Detail
Brand	Mytee Products
Model	Air Tank
Item Model Number	MPNHDX-19840
Replaces OEM Part	HDX 19840

Item Weight	20 pounds
Package Dimensions	10 x 10 x 10 inches (approximate shipping dimensions)
Capacity	1490 cubic inches
First Available Date	November 7, 2024

WARRANTY INFORMATION

This Mytee Products Air Tank is covered by an **18-Month Warranty**. The warranty terms are as follows:

- Coverage extends for one year or 100,000 miles after installation, or 18 months after the purchase date, whichever occurs first.
- The warranty is active only for parts with defective material or workmanship defaults.
- Inappropriate application, misuse, misapplication, or accident will lead to the dismissal of the warranty.
- The warranty does not cover labor or consequential damages of any nature.

To initiate a warranty claim, please contact Mytee Products directly. The team will verify the claim through inspection, and if a covered defect is found, the product will be replaced without charge.

SUPPORT AND CONTACT INFORMATION

For any concerns, questions, or warranty claims regarding your Mytee Products Air Tank, please reach out to our customer support team.

- **Toll-Free Number:** 1 (888) 705 - 8277
- **Operating Hours:** Monday - Friday, 7 AM to 5 PM (Eastern Time)
- **Headquarters Address:** 30701 Carter Street, Solon, OH 44139, USA

You can also visit the official Mytee Products store for more information and products: [Mytee Products Store on Amazon](#).

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