DEXTER AXLE 80326

DEXTER MARINE PRODUCTS OF GA 80326 Single Axle Kit Instruction Manual

Brand: DEXTER AXLE

Model: 80326

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your DEXTER MARINE PRODUCTS OF GA 80326 Single Axle Kit. This kit is designed to provide reliable hydraulic brake line functionality for single axle trailers, serving as an essential accessory for your boating and trailer needs. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation.



Image: The DEXTER MARINE PRODUCTS OF GA 80326 Single Axle Kit, showing the various flexible hoses, brass fittings, and mounting hardware included in the package.

Safety Information

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Always wear appropriate personal protective equipment (PPE) during installation and maintenance. Ensure the trailer is securely supported before working underneath it. Hydraulic brake systems operate under pressure; exercise caution to prevent fluid leaks and potential injury.

Package Contents

The DEXTER MARINE PRODUCTS OF GA 80326 Single Axle Kit includes the following components:

- 2 - 24" DOT flexible hoses
- 1 - 76" DOT flexible hose
- 1 - 240" DOT flexible hose
- 5 - Cable ties
- 2 - Union "T" connectors
- 2 - "T" clamps
- 8 - Self-tapping screws
- 4 - Cable clamps

Setup and Installation

1. **Preparation:** Ensure the trailer is on a level surface and securely chocked. Disconnect the trailer from the tow vehicle. If replacing an existing system, drain the old brake fluid and remove old components.
2. **Hose Routing:** Carefully plan the routing of the flexible hoses from the trailer's brake actuator to each wheel cylinder/caliper. Use the longest hose (240") for the main line from the actuator. The 76" hose can be used for a secondary run, and the 24" hoses for connections to the wheel assemblies. Avoid sharp bends, kinks, or areas where hoses could be pinched or abraded.
3. **Connecting "T" Connectors:** Install the union "T" connectors at appropriate points to split the main brake line to each side of the axle. Secure these connectors using the provided "T" clamps and self-tapping screws to the trailer frame.
4. **Hose Connections:** Connect the flexible hoses to the brake actuator, "T" connectors, and wheel cylinders/calipers. Ensure all fittings are tightened securely to prevent leaks. Use appropriate wrenches and avoid over-tightening.
5. **Securing Hoses:** Use the provided cable ties and cable clamps to secure the hoses along the trailer frame. This prevents hoses from dangling, rubbing, or interfering with moving parts. Ensure there is enough slack for suspension travel.
6. **Bleeding the System:** Once all connections are made, fill the brake actuator reservoir with DOT 3 or DOT 4 brake fluid as specified by your actuator manufacturer. Bleed the brake system according to your actuator and brake assembly instructions. This typically involves opening bleed screws at each wheel while applying pressure to the brake system until no air bubbles are visible in the fluid. Start with the wheel furthest from the actuator.
7. **Leak Check:** After bleeding, thoroughly inspect all connections for any signs of fluid leaks. Re-tighten any leaking fittings.
8. **Test Functionality:** Before road use, perform a static test of the brake system to ensure proper operation.

Operation

The DEXTER MARINE PRODUCTS OF GA 80326 Single Axle Kit provides the necessary hydraulic lines for your trailer's brake system. Once properly installed and bled, the brake lines will transmit hydraulic pressure from your trailer's brake actuator to the wheel brake assemblies, enabling the trailer's brakes to engage when the tow vehicle's brakes are applied. Proper operation relies on a fully sealed and air-free hydraulic system.

Maintenance

- **Regular Inspection:** Periodically inspect all brake hoses and connections for signs of wear, cracks, chafing, or leaks. Pay close attention to areas where hoses might rub against the trailer frame or other components.
- **Fluid Level Check:** Regularly check the brake fluid level in your trailer's brake actuator reservoir. Top up with the recommended DOT 3 or DOT 4 fluid as needed.
- **Fluid Replacement:** Consult your brake actuator manufacturer's recommendations for brake fluid replacement intervals, typically every 1-2 years, to maintain optimal brake performance and prevent corrosion.
- **Component Integrity:** Ensure all clamps and ties securing the hoses are intact and holding the hoses firmly in place. Replace any damaged or missing fasteners.

Troubleshooting

- **Spongy Brake Pedal:** This often indicates air in the hydraulic system. Re-bleed the brake lines thoroughly, starting from the wheel furthest from the actuator.
- **Brake Fluid Leaks:** Inspect all connections and hoses for visible leaks. Tighten any loose fittings. If a hose is damaged, it must be replaced immediately. Do not attempt to repair damaged hoses.
- **No Brake Engagement:** Check the brake fluid level in the actuator. Ensure the actuator is functioning correctly. Verify all connections are secure and there are no severe kinks in the lines.
- **Uneven Braking:** This could be due to air in one side of the system, a restriction in a line, or issues with the wheel brake assemblies themselves. Re-bleed and inspect lines.

Specifications

Feature	Specification
Brand	DEXTER AXLE
Model Name	DEXTER AXLE BRAKE LINE KITS Single Axle Kit
Part Number	80326
Material	Metal
Color	Black
Item Weight	2.3 Pounds
Item Length (Main Hose)	240 inches (20 feet)
UPC	081628803266, 876983009589
Manufacturer	Dexter Axle Company

Feature	Specification
Included Components	2x 24" DOT flex hose, 1x 76" DOT flex hose, 1x 240" DOT flex hose, 5x cable ties, 2x union "T" connectors, 2x "T" clamps, 8x self-tapping screws, 4x cable clamps

Warranty Information

This DEXTER AXLE product is covered by the manufacturer's standard warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or visit the official Dexter Axle Company website. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact Dexter Axle Company customer support. Contact information can typically be found on their official website or on the product packaging.
Website: www.dexteraxle.com (*Please verify the current official website for support contact details*)

© 2024 DEXTER AXLE. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question