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› QYMOTO 69-inch Hydraulic Brake Oil Hose for Coleman KT196 Go Kart - Installation and Maintenance Manual

QYMOTO KT196

QYMOTO 69-inch Hydraulic Brake Oil Hose Manual

For Coleman KT196 196cc Go Karts

1. PRODUCT OVERVIEW

This document provides instructions for the QYMOTO 69-inch hydraulic brake oil hose, a replacement component designed for Coleman Powersports Off Road Go Karts, specifically the 196cc 6.5hp KT196 model. This brake line is crucial for the proper functioning of your go-kart's hydraulic braking system.



Image 1.1: The QYMOTO 69-inch hydraulic brake oil hose. This image shows the full length of the black brake hose, coiled for display, with metal banjo fittings at each end.

1.1 Package Contents

- 1 x QYMOTO 69-inch Hydraulic Brake Oil Hose

1.2 Key Features

- **Length:** 69 inches (175 cm)
- **Color:** Black
- **Compatibility:** Designed for Coleman Powersports Off Road Go Kart, Gas Powered, 196cc 6.5hp KT196 model.
- **Material:** Durable construction for hydraulic brake systems.

2. SETUP AND INSTALLATION

Installation of a hydraulic brake line requires careful attention to detail and proper handling of brake fluid. If you are not experienced with hydraulic brake systems, it is highly recommended to seek professional assistance.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Brake fluid can damage paint and other surfaces. Protect surrounding areas.
- Ensure the go-kart is stable and securely supported before beginning work.
- Allow the engine to cool completely before working on any components.

2.2 Required Tools (Not Included)

- Wrenches (appropriate sizes for banjo bolts)
- Brake fluid (DOT 3 or DOT 4, as specified by your go-kart manufacturer)
- Brake bleeder kit or vacuum pump
- Drain pan for old brake fluid
- Clean rags

2.3 Installation Steps

1. **Prepare the Go Kart:** Park the go-kart on a level surface. Engage the parking brake if available, or block the wheels to prevent movement.
2. **Drain Old Brake Fluid:** Place a drain pan under the brake caliper. Loosen the bleeder screw on the caliper and pump the brake pedal until all fluid is drained. Tighten the bleeder screw.
3. **Remove Old Brake Line:** Carefully disconnect the old brake line from both the master cylinder and the brake caliper. Be prepared for residual fluid to leak. Dispose of old brake fluid responsibly.
4. **Install New Brake Line:** Connect the new QYMOTO hydraulic brake oil hose to the master cylinder and the brake caliper. Ensure all banjo bolts are tightened to the manufacturer's specified torque (refer to your go-kart's service manual). Do not overtighten.
5. **Refill and Bleed Brake System:** Fill the master cylinder reservoir with new, clean brake fluid. Follow the go-kart manufacturer's procedure for bleeding the brake system. This typically involves pumping the brake pedal and opening/closing the bleeder screw on the caliper to remove air bubbles until a firm pedal is achieved.
6. **Inspect for Leaks:** After bleeding, visually inspect all connections for any signs of brake fluid leaks.



Image 2.1: A complete go-kart hydraulic brake system, including the master cylinder, brake line, and caliper. This image provides a visual reference for the components involved in the installation.

3. OPERATING CONSIDERATIONS

Once the QYMOTO hydraulic brake oil hose is installed and the brake system is properly bled, the go-kart's braking system should function as intended. Always perform a functional check before operating the go-kart at speed.

3.1 Pre-Operation Check

- **Brake Pedal Feel:** The brake pedal should feel firm and consistent. A spongy or soft pedal indicates air in the system, requiring further bleeding.
- **Braking Performance:** Test the brakes at low speed in a safe, open area to ensure they engage smoothly and effectively.
- **Fluid Level:** Verify that the brake fluid level in the master cylinder reservoir is between the MIN and MAX marks.
- **Leak Check:** Re-inspect all brake line connections for any signs of leaks after the initial test drive.

4. MAINTENANCE

Regular inspection and maintenance of your hydraulic brake system, including the brake line, are essential for safe operation and longevity.

4.1 Routine Inspection

- **Visual Inspection:** Periodically check the entire length of the brake hose for any signs of wear, cracks, abrasions, bulges, or kinks.
- **Leak Detection:** Look for any evidence of brake fluid leaks around the banjo fittings and along the hose. Even small leaks can compromise braking performance.
- **Connection Security:** Ensure all banjo bolts and fittings remain tight.
- **Brake Fluid Level:** Regularly check the brake fluid level in the master cylinder and top up as necessary with the correct type of fluid.

4.2 Replacement

Replace the brake hose immediately if any damage, leaks, or excessive wear are detected. Do not attempt to repair a damaged hydraulic brake line.

5. TROUBLESHOOTING

This section addresses common issues that may arise with a hydraulic brake system after brake line replacement.

5.1 Spongy or Soft Brake Pedal

- **Cause:** Air trapped in the hydraulic system.
- **Solution:** Re-bleed the brake system thoroughly until a firm pedal feel is restored. Ensure the master cylinder reservoir does not run dry during bleeding.

5.2 Loss of Braking Power

- **Cause:** Severe air in the system, low brake fluid, or a leak.
- **Solution:** Check brake fluid level. Inspect the entire system for leaks. If no leaks are found, re-bleed the system. If the problem persists, inspect other brake components (caliper, master cylinder) for

malfunction.

5.3 Brake Fluid Leakage

- **Cause:** Loose connections, damaged hose, or faulty banjo washers.
- **Solution:** Tighten all banjo bolts to specification. If the hose is damaged, replace it immediately. Ensure new banjo washers were used during installation and are properly seated.

6. SPECIFICATIONS

Attribute	Value
Brand	QYMOTO
Model Compatibility	Coleman KT196 (196cc Go Kart)
Overall Length	69 inches (175 cm)
Color	Black
Part Number	QYMGKYGZL055
Item Weight	5 ounces (0.14 Kilograms)
Package Dimensions	9.49 x 9.02 x 0.91 inches

7. WARRANTY INFORMATION

Specific warranty details for the QYMOTO 69-inch Hydraulic Brake Oil Hose are not provided in this manual. Please refer to the product packaging or contact QYMOTO directly for information regarding warranty coverage and terms.

8. SUPPORT

For technical assistance, installation questions, or further product inquiries, please contact QYMOTO customer support through their official channels or the retailer from whom the product was purchased.