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> Fragola 250107#6 Straight Aluminum Power Steering Hose End Instruction Manual

Fragola 250107

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Model: 250107

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Fragola 250107#6 Straight Aluminum Power Steering Hose End. Please read these instructions carefully before proceeding with installation to ensure safe and correct usage. Retain this manual for future reference.

2. SAFETY INFORMATION

Always prioritize safety during installation and handling of automotive components. Failure to follow these safety guidelines may result in injury or damage to the product or vehicle.

- **Professional Installation Recommended:** If you are not experienced with automotive fluid systems, it is highly recommended to have this product installed by a qualified professional.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including safety glasses and gloves, when working with tools and automotive fluids.
- **Use Correct Tools:** Ensure you use the correct AN wrenches and tools to prevent damage to the fitting and ensure a secure connection.
- **Avoid Cross-Threading:** Be extremely careful to avoid cross-threading during assembly. This can permanently damage the threads and lead to leaks.
- **Check for Leaks:** After installation, thoroughly check all connections for leaks before operating the vehicle.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- Fragola 250107#6 Straight Aluminum Power Steering Hose End (1 unit)

4. PRODUCT OVERVIEW

The Fragola 250107#6 is a straight aluminum hose end designed for power steering applications. It features a 6 AN hose connection to a 6 AN female swivel, finished in black anodize for durability and corrosion resistance. This fitting is engineered for a secure and leak-free connection in high-performance fluid systems.



Image 1: Fragola 250107#6 Straight Aluminum Power Steering Hose End. This image displays the black anodized aluminum fitting, highlighting its straight design and hexagonal wrench flats for installation.

5. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the performance and longevity of your hose end. Follow these steps carefully.

5.1. Tools Required

- AN wrenches (specifically for -6 AN fittings)
- Vise with soft jaws (optional, but recommended for securing hose)

- Assembly lubricant or clean engine oil
- Hose cutter (for clean cuts on compatible hose)

5.2. Preparation

1. Ensure the hose end and the compatible hose are clean and free of debris.
2. If cutting hose, ensure a clean, square cut. Remove any frayed strands or burrs.
3. Apply a small amount of assembly lubricant or clean engine oil to the threads of the hose end and the inside of the hose socket. This aids in assembly and prevents galling.

5.3. Step-by-Step Assembly

1. **Insert Hose into Socket:** Carefully push the cut end of the hose into the hose end's socket until it bottoms out. Ensure the hose is fully seated.
2. **Thread the Nipple:** Begin threading the nipple (the inner part of the hose end) into the hose and socket assembly. Turn clockwise by hand until it starts to engage the hose.
3. **Tighten with Wrenches:** Using two AN wrenches (one to hold the hose end body, one to turn the nipple), carefully tighten the fitting. Ensure you are not cross-threading. The hose will compress as you tighten.
4. **Final Tightening:** Continue tightening until the gap between the hose end body and the nipple is minimal, and the fitting feels secure. Do not overtighten, as this can damage the threads or the hose. A small gap (typically 1/32" to 1/16") is normal for some AN fittings. Consult specific hose manufacturer recommendations if available.
5. **Inspect:** Visually inspect the assembled fitting for any signs of damage, cross-threading, or improper seating.

6. POST-INSTALLATION CHECKS

After installing the hose end onto your power steering system, perform the following checks:

- **Fluid Level:** Ensure the power steering fluid reservoir is at the correct level.
- **System Bleeding:** Bleed the power steering system according to your vehicle manufacturer's specifications to remove any trapped air.
- **Leak Inspection:** With the engine running and the steering wheel turned lock-to-lock several times (to build pressure), thoroughly inspect all connections for any signs of fluid leaks. Address any leaks immediately.
- **Hose Routing:** Verify that the hose is routed correctly, free from kinks, sharp bends, or contact with hot or moving parts.

7. MAINTENANCE

The Fragola 250107#6 hose end is designed for long-term reliability with minimal maintenance. However, periodic inspection is recommended.

- **Regular Inspection:** Periodically check all hose connections for signs of wear, damage, or leaks.
- **Cleaning:** Keep the exterior of the fitting clean to prevent dirt and grime buildup. Use a mild cleaner and soft cloth if necessary.
- **Tightness Check:** If any connection appears loose, carefully re-tighten it using appropriate AN

wrenches. Do not overtighten.

8. TROUBLESHOOTING

If you encounter issues after installation, consider the following common problems and solutions:

- **Leaks at Connection:**

- Ensure the fitting is properly tightened.
- Check for cross-threading or damaged threads. If threads are damaged, the fitting may need replacement.
- Verify the hose is fully seated in the fitting.
- Ensure the AN flare is clean and free of debris or damage.

- **Difficulty Tightening:**

- Apply assembly lubricant to threads.
- Check for cross-threading. Back off and restart if resistance is felt.

9. SPECIFICATIONS

Feature	Detail
Part Number	250107
Brand	Fragola
Type	Hose End, Power Steering
Fitting Angle	Straight
Hose Size	6 AN
Fitting Size	6 AN Female Swivel
Material	Aluminum
Finish	Black Anodize
Product Dimensions	3.9 x 6.2 x 0.9 inches
Item Weight	3.2 ounces
Country of Origin	United States

10. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Fragola product, please refer to the official Fragola website or contact their customer service department directly. Keep your purchase receipt as proof of purchase.

Fragola Performance Systems: www.fragolaperformancesystems.com

