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AP Products MER425-15

AP Products Marshall Gas Controls MER425-15 Pigtail Hose Instruction Manual

Model: MER425-15 | Part Number: 0604.1302

Introduction

This manual provides instructions for the safe installation, operation, and maintenance of the AP Products Marshall Gas Controls MER425-15 Pigtail Hose. Please read this manual thoroughly before use and retain it for future reference.

Important Safety Instructions

WARNING:
Propane gas is flammable and can be explosive. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Read the entire manual before installation or use.

- Always check for gas leaks after installation or replacement of any gas component. Use a leak detection solution, never an open flame.
- Ensure proper ventilation when working with propane systems.
- Do not use this product if it appears damaged.
- This product is designed for RV use.
- Always turn off the propane supply at the tank before disconnecting or connecting the pigtail hose.

Proposition 65 Warning:
This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Product Overview

Product Description and Features

The AP Products Marshall Gas Controls MER425-15 is a flexible pigtail hose designed for connecting a propane cylinder to an RV's propane system. It features a Type I Acme connector for the propane tank and a 1/4" inverted flare fitting for connection to the RV's regulator or manifold. This hose includes an excess flow device for added safety.

- **Length:** 15 inches overall length.
- **Tank Connection:** Type I Acme Nut (Q type POL).

- **System Connection:** 1/4" Inverted Flare.
- **Safety Feature:** Integrated excess flow device.
- **Application:** Approved for RV use.

Components



This image displays the AP Products Marshall Gas Controls MER425-15 Pigtail Hose. It shows the black flexible hose with brass fittings on both ends. The right end features a large black Acme nut for connecting to a propane tank, while the left end has a smaller brass inverted flare fitting for connection to the RV's gas system.

1. Type I Acme Nut (Tank Connection)
2. Flexible Hose
3. 1/4" Inverted Flare Fitting (System Connection)

Setup and Installation

Installation Instructions

Tools Required: Adjustable wrench, leak detection solution.

1. Ensure the propane cylinder valve is completely closed.
2. Inspect the pigtail hose for any signs of damage, kinks, or wear. Do not use if damaged.
3. Connect the Type I Acme Nut end of the pigtail hose to the propane cylinder valve. Hand-tighten first, then use an adjustable wrench to tighten securely. Do not overtighten.
4. Connect the 1/4" inverted flare fitting end of the pigtail hose to the RV's propane regulator or manifold. Hand-tighten, then use an adjustable wrench to tighten securely.
5. Slowly open the propane cylinder valve.
6. Apply leak detection solution to all connections. Bubbles indicate a leak. If a leak is detected, close the propane cylinder valve, re-tighten connections, and re-test. If the leak persists, replace the hose or consult a qualified technician.

Operating Instructions

Operation

Once installed and leak-checked, the pigtail hose facilitates the flow of propane from the cylinder to your RV's propane system.

- Always ensure the propane cylinder valve is fully open during operation to allow proper gas flow and activate the excess flow device if necessary.
- Close the propane cylinder valve when the RV is not in use or during transport.

Maintenance

Care and Maintenance

Regular inspection and proper care will extend the life of your pigtail hose.

- **Annual Inspection:** Visually inspect the hose annually for cracks, abrasions, bulges, or other signs of wear or damage. Check fittings for corrosion.
- **Leak Checks:** Perform a leak check with leak detection solution at least annually, and always after disconnecting or reconnecting the hose.
- **Storage:** When not in use, store the hose in a clean, dry place away from direct sunlight and extreme temperatures.
- **Replacement:** Replace the hose immediately if any damage is found or if it is past its recommended service life (typically 5-10 years, check local regulations).

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Gas Leak Detected	Loose connection; Damaged hose/fitting	Close tank valve, re-tighten connections, re-test. Replace hose if damaged.
No Gas Flow	Tank valve closed; Excess flow device activated; Kinked hose	Ensure tank valve is open. Close tank valve, wait 30 seconds, slowly reopen to reset excess flow device. Check for kinks.
Low Gas Pressure	Low propane level in tank; Regulator issue	Check propane tank level. Consult RV manual for regulator troubleshooting.

Specifications

Product Specifications

- **Model:** MER425-15
- **Part Number:** 0604.1302
- **Overall Length:** 15 inches
- **Inlet Connection:** Type I Acme Nut (Q type POL)
- **Outlet Connection:** 1/4" Inverted Flare
- **Weight:** Approximately 5.3 ounces
- **Dimensions:** 6.6 x 4.1 x 2.5 inches (packaging)
- **Manufacturer:** Marshall Excelsior (for AP Products)
- **Application:** RV Propane Systems

Warranty Information and Customer Support

This product comes with a five-year limited warranty. For warranty claims or technical support, please contact AP Products customer service.
Contact Information: Refer to the AP Products official website or product packaging for the most current contact details.
Website: www.approducts.net

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