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Flame King FK-SSPT-18IN-FLAREX2 Propane Pigtail Hose Instruction Manual

Model: FK-SSPT-18IN-FLAREX2

INTRODUCTION

This manual provides essential information for the safe and correct installation and use of your Flame King FK-SSPT-18IN-FLAREX2 18-inch Stainless Steel Braided Propane Pigtail Hoses. These hoses are designed to connect a propane cylinder to an RV or trailer propane regulator. Please read all instructions carefully before installation and operation.

IMPORTANT SAFETY INFORMATION

- Always ensure proper ventilation when working with propane.
- Check all connections for leaks using a soapy water solution after installation and before each use. Bubbles indicate a leak.
- Do not use open flames to check for leaks.
- These hoses include safety features such as thermal protection in case of fire and excess flow protection in case of a broken gas line.
- Ensure all propane cylinder valves are closed before connecting or disconnecting hoses.
- Keep hoses away from sharp objects, hot surfaces, and moving parts.
- Replace hoses if any signs of wear, damage, or cracking are observed.
- Only use these hoses for their intended purpose: connecting propane cylinders to RV or trailer regulators.

PRODUCT FEATURES

- **Length:** Each hose measures 18 inches.
- **Pressure Rating:** Rated for 80,000 BTUs per hour; maximum 250 PSI.
- **Connections:** ACME (Type 1/QCC) nut for propane tank connection and 1/4" inverted male flare for regulator connection.
- **Material:** Durable stainless steel braided hose with rustproof brass connectors.
- **Compatibility:** Suitable for 5lb-40lb refillable propane tanks.

- **Safety:** Equipped with thermal and excess flow protection.

18-INCH BRAIDED PIGTAIL HOSE
STAINLESS STEEL
Durable & Last for Years



Flame King

CSA APPROVED
Weatherproof hose with
resistance to temperature
changes and other elements

Image: Two 18-inch stainless steel braided propane pigtails, highlighting their durable construction and CSA approval.

SETUP AND INSTALLATION

Follow these steps to safely connect your Flame King propane pigtails:

1. **Ensure Propane Supply is Off:** Before beginning, confirm that the valve on your propane cylinder(s) is fully closed.
2. **Identify Connections:**
 - The larger black ACME nut connects to the propane tank (QCC/Type1).
 - The smaller brass 1/4" inverted male flare connects to your RV or trailer's dual-stage regulator.

RUSTPROOF BRASS CONNECTORS

Precision engineered connectors

THREAD TYPES

Inverted Flare



Male NPT



Image: Detailed view of the rustproof brass connectors, indicating the QCC/Type1 connection for propane tanks and the 1/4" inverted male flare for regulators.

3. **Connect to Propane Tank:** Hand-tighten the ACME nut onto the propane cylinder valve. Ensure a snug fit.
4. **Connect to Regulator:** Connect the 1/4" inverted male flare end to the corresponding port on your RV's dual-stage regulator. Use a wrench to tighten this connection securely, but do not overtighten.



Image: Illustration of connecting the pigtail hose to an auto-changeover two-stage regulator, detailing thread dimensions.

5. **Verify Thread Type:** It is crucial to ensure your regulator has an *inverted flare* connection. These hoses are not compatible with Male NPT connections.



Image: Visual guide distinguishing between Inverted Flare (correct for this hose) and Male NPT (incorrect) thread types.

6. **Leak Test:** After all connections are made, slowly open the propane cylinder valve. Apply a soapy water solution to all connections. If bubbles appear, close the propane valve immediately, tighten the connection, and re-test. Repeat until no bubbles are present.

OPERATING INSTRUCTIONS

Once the hoses are securely installed and leak-tested:

- Slowly open the propane cylinder valve(s) completely.
- The regulator will now receive propane gas. You can proceed to operate your RV's propane appliances as usual.
- When not in use for extended periods, it is recommended to close the propane cylinder valve(s).

MAINTENANCE

- **Regular Inspection:** Periodically inspect the hoses for any signs of wear, cuts, abrasions, kinks, or damage. Check the brass connectors for corrosion.
- **Leak Checks:** Perform a leak test with soapy water solution at the beginning of each season or after any disconnection/reconnection.
- **Cleaning:** Clean the hoses with mild soap and water if necessary. Avoid harsh chemicals that could degrade the materials.
- **Storage:** When not connected, store the hoses in a clean, dry place away from direct sunlight and extreme temperatures.
- **Replacement:** Replace hoses immediately if any damage is found or if they are past their recommended service life (typically 5-10 years, depending on usage and environmental factors).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Gas leak detected (bubbles during soapy water test)	Loose connection; damaged hose or fitting.	Close propane valve. Tighten connections. If leak persists, replace the hose.

Problem	Possible Cause	Solution
No gas flow to appliances	Propane tank valve closed; excess flow device activated; empty tank; regulator issue.	Ensure tank valve is fully open. Disconnect and reconnect hose to reset excess flow device. Check tank level. Consult RV manual for regulator troubleshooting.
Hose appears damaged or worn	Normal wear and tear; exposure to harsh conditions.	Immediately replace the hose. Do not attempt to repair.
Incorrect thread type for connection	Attempting to connect to Male NPT instead of Inverted Flare.	Ensure your regulator has an Inverted Flare connection. These hoses are not compatible with Male NPT.

SPECIFICATIONS

Feature	Detail
Model Number	FK-SSPT-18IN-FLAREX2
Brand	Flame King
Material	Brass, Stainless Steel
Color	Silver (Hose), Black (ACME Nut), Brass (Fittings)
Product Dimensions (Each)	18"L x 0.75"W
Item Weight (Each)	Approximately 0.79 Pounds (12.6 ounces)
Maximum Pressure	250 PSI
BTU Rating	80,000 BTUs per hour
Connections	ACME (Type 1/QCC) nut x 1/4" Inverted Male Flare
UPC	850034692708

WARRANTY AND SUPPORT

Specific warranty information for the Flame King FK-SSPT-18IN-FLAREX2 propane pigtail hoses is not provided within this manual. For warranty details, product support, or to contact customer service, please refer to the product packaging or visit the official Flame King website. You may also contact your retailer for assistance.

Flame King Official Website: www.flameking.com