

## FJC 9145

# FJC Universal PAG R134a Oil Charge Manual

Model: 9145

Brand: FJC

## INTRODUCTION

This manual provides essential information for the safe and effective use of the FJC Universal PAG R134a Oil Charge (Model 9145). This product is designed to add 2 oz. of R134a lubricant to your vehicle's air conditioning system without requiring system discharge. It is compatible with all R134a systems, including OEM and retrofit applications.

## SAFETY INFORMATION

### **WARNING: CONTENTS UNDER PRESSURE.**

Always read and follow all warnings and instructions on the product label and packaging before use. Wear appropriate personal protective equipment, including eye protection and gloves, when handling this product. Use in a well-ventilated area. Keep out of reach of children. Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water. If swallowed, do not induce vomiting; seek immediate medical attention.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

## PRODUCT OVERVIEW

The FJC Universal PAG R134a Oil Charge is a 4 oz. (114 grams) can containing 2 oz. of R134a refrigerant and 2 oz. of FJC Universal PAG Oil. It is specifically formulated to replenish lubricant in R134a automotive air conditioning systems.



**Figure 1:** FJC Universal PAG R134a Oil Charge, 4 oz. can. The label indicates it's compatible with R134a systems, adds 2 oz. of R134a lubricant without discharging the system, and warns about contents under pressure.

## SETUP AND PREPARATION

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1. Ensure the vehicle's engine is off and cool.
2. Locate the low-pressure service port of your vehicle's R134a A/C system. This is typically on the larger diameter line.
3. Acquire a suitable R134a charging hose with a pressure gauge and quick-connect fitting for the low-pressure port. (*Note: Charging hose is sold separately and is required for proper application*)
4. Shake the FJC Universal PAG R134a Oil Charge can thoroughly before use.

## OPERATING INSTRUCTIONS

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1. Connect the charging hose to the low-pressure service port of the A/C system. Ensure a secure connection.
2. Attach the FJC Universal PAG R134a Oil Charge can to the charging hose.
3. Start the vehicle's engine and turn the A/C system to its maximum cooling setting with the fan on high.
4. Hold the can upright and open the valve on the charging hose to allow the oil charge to flow into the system.
5. Gently shake the can periodically during the charging process to ensure all contents are dispensed.

6. Monitor the pressure gauge on the charging hose. Do not overcharge the system. Refer to your vehicle's service manual for correct low-side pressure specifications.
7. Once the can is empty, close the valve on the charging hose and disconnect it from the vehicle's low-pressure service port.
8. Allow the A/C system to run for a few minutes to circulate the new lubricant.

## MAINTENANCE

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This product is a single-use item. Once opened and used, dispose of the empty can according to local regulations for pressurized containers. Store unused cans in a cool, dry place away from direct sunlight and heat sources.

## TROUBLESHOOTING

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### Product Not Dispensing

- **Check Hose Connection:** Ensure the charging hose is securely attached to both the can and the vehicle's low-pressure port. A loose connection can prevent proper flow.
- **Valve Operation:** Verify that the valve on the charging hose is fully open.
- **Can Orientation:** Ensure the can is held upright during the dispensing process.
- **System Pressure:** If the A/C system's pressure is too high, the can's contents may not be able to enter. Consult a professional if you suspect high system pressure.
- **Can Integrity:** In rare cases, a can may be defective. If the can feels full but no contents dispense after verifying all other steps, the product may be faulty.

### A/C System Still Not Cooling Properly

- This product adds lubricant and a small amount of R134a. If your system has a significant refrigerant leak or other mechanical issues (e.g., compressor failure), adding oil alone will not resolve the problem.
- Consult a certified automotive A/C technician for a comprehensive diagnosis and repair.

## SPECIFICATIONS

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Attribute	Value
Brand	FJC
Model Number	9145
Item Weight	5.6 ounces
Product Dimensions	2.09 x 2.09 x 4.86 inches
Net Weight	4 oz. (114 grams)
Contents	2 oz. R134a, 2 oz. FJC Universal PAG Oil
Compatibility	All R134a Systems (OEM and Retrofit)

## WARRANTY AND SUPPORT

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Documents - FJC – 9145

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