



Manuals.plus /

› Robinair /

› Robinair 16357 Universal A/C Dye Cartridges Instruction Manual

Robinair 16357

Robinair 16357 Universal A/C Dye Cartridges Instruction Manual

Model: 16357

INTRODUCTION

This manual provides essential instructions for the safe and effective use of Robinair 16357 Universal A/C Dye Replacement Cartridges. These cartridges are designed to assist in pinpointing leaks within automotive air conditioning systems. Each pack contains six individual twist-on cartridges, each providing 0.2 oz (6 ml) of OEM approved and SAE certified dye, sufficient for six applications.



Figure 1: Robinair 16357 Universal A/C Dye Cartridges. This image displays six individual Robinair 16357 Universal A/C Dye cartridges. Each cartridge is cylindrical, white, with a blue screw-on cap, and contains a yellow-orange dye. The labels on the cartridges indicate "SPX Robinair Universal A/C Dye, Part No. 16351 (or 16331, as seen on labels), 1 oz (20 ml) Cartridge, 5 Applications, Certified to meet SAE J2297 standards, OEM Approved Dye". Five cartridges are standing upright, and one is lying horizontally in the foreground.

SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle with care and follow all safety guidelines.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling the dye.
- Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water and seek medical attention if irritation persists.
- Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- Use in a well-ventilated area.
- Keep out of reach of children and pets.
- Refer to the Safety Data Sheet (SDS) for complete safety information.

PRODUCT OVERVIEW

The Robinair 16357 Universal A/C Dye cartridges are designed for use with specific Robinair A/C service kits to introduce UV dye into an automotive air conditioning system. This dye circulates with the refrigerant and oil, making leaks visible under ultraviolet light.

Key Features:

- **Universal Compatibility:** Suitable for various A/C systems.
- **Pre-measured Cartridges:** Each 0.2 oz (6 ml) cartridge contains enough dye for one application.
- **OEM Approved & SAE Certified:** Meets industry standards for quality and performance.
- **Included Service Stickers:** For marking serviced vehicles.
- **Compatibility:** Designed for use with Robinair kit numbers 16350, 16380, and 16355.

SETUP

Before beginning, ensure you have the necessary Robinair A/C service kit (e.g., 16350, 16380, or 16355), a UV leak detection lamp, and appropriate safety gear.

1. Ensure the A/C system is properly charged and operating.
2. Select one Robinair 16357 dye cartridge.
3. Refer to your specific Robinair A/C service kit's instructions for proper loading of the dye cartridge into the injection tool. Typically, this involves twisting the cartridge onto the injector.
4. Confirm all connections are secure to prevent dye leakage during injection.

OPERATING INSTRUCTIONS

Follow these steps to inject the dye into the A/C system and detect leaks.

1. **Connect Injector:** Connect the dye injector tool (with the loaded cartridge) to the low-side service port of the vehicle's A/C system.
2. **Inject Dye:** Follow the instructions for your specific dye injector tool to introduce the entire contents of the cartridge into the A/C system. This usually involves depressing a plunger or activating a valve.
3. **Circulate Dye:** Run the vehicle's A/C system for at least 15-30 minutes to allow the dye to circulate thoroughly with the refrigerant and oil. This ensures the dye reaches all potential leak points.
4. **Inspect for Leaks:** Using a UV leak detection lamp, carefully inspect all A/C components, including hoses, fittings, compressor, condenser, evaporator (if accessible), and service ports. Leaks will appear as a bright fluorescent glow under the UV light.
5. **Mark Leaks:** Once a leak is identified, mark its location for repair.
6. **Apply Service Sticker:** Affix one of the included service stickers to the vehicle, indicating that A/C dye has been added.

MAINTENANCE

- **Storage:** Store unused dye cartridges in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Disposal:** Dispose of empty cartridges and any dye residue according to local environmental regulations. Do not dispose of in household waste.
- **Injector Tool Care:** Clean your dye injector tool after each use as per its specific instructions to prevent cross-contamination or clogging.

TROUBLESHOOTING

- **No Dye Visible Under UV Light:**

- Ensure the UV lamp is functioning correctly and has fresh batteries.
- Verify that the dye was fully injected into the A/C system.
- Allow sufficient time for the dye to circulate (at least 15-30 minutes of A/C operation).
- Check if the A/C system has enough refrigerant for proper circulation.

- **Difficulty Injecting Dye:**

- Ensure the dye cartridge is correctly seated and twisted onto the injector tool.
- Verify that the injector tool is properly connected to the A/C system's low-side service port.
- Check for any blockages in the injector tool or service port.

- **Dye Leakage During Injection:**

- Confirm all connections on the injector tool and to the service port are tight and secure.
- Inspect O-rings and seals on the injector tool for damage or wear.

SPECIFICATIONS

Attribute	Detail
Brand	Robinair
Model Number	16357
Item Form	Liquid
Cartridge Volume	0.2 oz (6 ml) per cartridge
Number of Cartridges	6 per pack
Applications per Pack	6 (one per cartridge)
Certifications	OEM Approved, SAE Certified (J2297 standards)
Compatible Material	Metal (A/C system components)
Product Dimensions (Pack)	4.5 x 3.5 x 2.5 inches
Item Weight (Pack)	5.6 ounces
UPC	637335015418
Compatible Kits	Robinair 16350, 16380, 16355

WARRANTY AND SUPPORT

For specific warranty information regarding your Robinair 16357 Universal A/C Dye cartridges, please refer to the documentation included with your purchase or visit the official Robinair website.

For technical support, product inquiries, or assistance with troubleshooting, please contact Robinair customer service. Contact details can typically be found on the product packaging or the Robinair official website.

Visit the Robinair Store on Amazon

