

Eastwood

DO THE JOB RIGHT.

Part #13649

LEAK DETECTION KIT

INSTRUCTIONS



The **Eastwood Leak Detection Kit** comes with two specially-formulated dyes that help you quickly locate stubborn, frustrating drive train leaks. Just add the appropriate dye to the system you are testing, take the vehicle for a short run, allowing the dye to seep through the leak, then use the included LED UV flashlight to pinpoint the source of the leak. The dyes do not alter the performance of existing fluids, so there is no need to drain them afterwards.

WARNINGS

- Never use the UV light without wearing the UV Goggles
- Never ingest the dye
- Wear gloves when handling the dye and be careful not allow it to make contact with your skin
- Assure the UV Flashlight has fully charged batteries before each use

SPECIFICATIONS

Included in your Eastwood Leak Detection kit is:

- (1) UV LED Flashlight
- (1) UV Glasses
- (4) Coolant System Dye, 1/4 oz Bottle
- (2) 4-in-1 Concentrated Dye, 1/4 oz Bottle

OPERATION

The Eastwood Leak detection Kit can be a huge time saver in diagnosing hard to find leaks.

1. Add the leak detection dye to the leaking system using the amount noted in the dilution ratio chart below:

DILUTION RATIOS			
Item Number	Dye	Application	Dilution Ratio
13649A	4-in-1 Concentrate	Transmission Fluid	1/4 oz. per 6 Quarts of Fluid
13649A	4-in-1 Concentrate	Power Steering Fluid	1/4 oz. per 6 Quarts of Fluid
13649A	4-in-1 Concentrate	Engine Oil	1/4 oz. per 4 Quarts of Fluid
13649A	4-in-1 Concentrate	Gasoline and Diesel Fuel	1/4 oz. per 2 Gallons of Fluid
13649B	Coolant System	Coolant (Radiator Fluid)	1/4 oz. per 16 Quarts of Fluid

NOTE: The recommended Ratios are for new clean fluids only; used fluids may require additional dye.

2. Start the engine and allow it to reach operating temperature and pressure. The dye will circulate throughout the system. For transmission and power steering leaks it may be necessary to drive the vehicle for a short distance to ensure that the dye circulates and reaches the leak area.
3. Put on the protective UV Glasses that are included in the kit.
4. Turn the UV LED Light on and search for either a bright green or bright red color depending on which die was used (13649A will glow green, 13649B will glow red). It may be necessary to do this in a garage or shaded area to easily see the dye.
5. The area where the dye can be seen is where the system is leaking.
6. Clean the area around the leak and where ever else it may have spread to. The repair can now be made without searching and guessing where the leak may be coming from.

TROUBLESHOOTING

- The dye is in the correct system that is leaking but the dye cannot be seen.
 - Shine the UV Light into the fill hole of the fluid and the area should fluoresce from the dye. For oil and transmission leaks, it may be necessary to drive the vehicle for an extended period of time, up to 50 miles. The best method is to drive for 5 miles, then check under the vehicle for leaks. If no leaks are present, drive an additional 5 miles until leak is visible.
 - The dye is clearly visible at the dilution ratios recommended in clean fluids. For use in used oil or coolant, additional dye may be required.

ACCESSORIES

- 13649A 4-in-1 Super Concentrated Dye for Oil, ATF, and Fuel, (6) 1/4 oz. Bottles
- 13649B Coolant System Dye, (6) 1/4 oz. Bottles

If you have any questions about the use of this product, please contact

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