

HEAVY DUTY

LEAK DETECTION and DIAGNOSTIC TOOLS

Used and approved by

KENWORTH, FREIGHTLINER, CUMMINS,
CATERPILLAR, JOHN DEERE, GM,
FORD, CHRYSLER, NISSAN DIESEL,
INTERNATIONAL TRUCK AND OTHER
MAJOR OEMs

Find all refrigerant, air brake, tire, coolant, hydraulic fluid, wind, water and other leaks fast in trucks, buses, off-road and refrigerated transport vehicles!

- ✓ Reduces fleet downtime
- ✓ Quicker turnaround on repairs
- ✓ Ideal for preventive maintenance
- ✓ Cuts down on operating costs

Fluorescent Leak Detection Kits

Pinpoint All Refrigerant and Fluid Leaks!



TP-8697HD
OPTIMAX™ 3000/EZ-Ject™ Heavy Duty Kit
 Features the TP-8690 OPTIMAX™ 3000 super-high intensity blue light LED rechargeable flashlight

Kit includes:

- EZ-Ject™ A/C dye injector, R-134a hose/coupler and R-12 adapter/purge fitting
- (2) 0.5 oz (14.8 ml) universal A/C dye cartridges
- 8 oz (237 ml) twin-neck bottle Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulic leaks
- 8 oz (237 ml) twin-neck bottle Dye-Lite® dye for coolant and truck/trailer/auto body leaks
- 8 oz (237 ml) spray bottle GLO-AWAY™ dye cleaner
- AC charger
- Fluorescence-enhancing glasses and rugged carrying case



TP-8647HD
OPTIMAX Jr™/EZ-Ject™ Heavy Duty Kit
 Features the TP-8640CS OPTIMAX Jr™ ultra-compact, blue light LED flashlight

Kit includes:

- EZ-Ject™ A/C dye injector, R-134a hose/coupler and R-12 adapter/purge fitting
- (2) 0.5 oz (14.8 ml) universal A/C dye cartridges
- 8 oz (237 ml) twin-neck bottle Dye-Lite All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulic leaks
- 8 oz (237 ml) twin-neck bottle Dye-Lite® dye for coolant and truck/trailer/auto body leaks
- 8 oz (237 ml) spray bottle GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses and rugged carrying case

For Truck Cab, Trailer and Auto Body Wind and Water Leaks!



TP-8648
LeakFinder™ Wind & Water Kit

Finds leaks in moon and sunroofs, windshields, door and truck seals, cabs and joints, or any other place wind and water leaks can occur! Features the TP-8640CS OPTIMAX Jr™ ultra-compact, high-intensity blue light LED flashlight.

Kit Includes:

- TracerJet™ spray gun
- 8 oz (237 ml), twin-neck bottle of Dye-Lite® fluorescent water dye
- Fluorescence-enhancing glasses and rugged carrying case

LED Inspection Lamps



TP-8690UV
OPTIMAX™ 365 Cordless, Rechargeable UV LED Leak Detection Flashlight

Makes even dirty diesel engine oil leaks glow brightly! Inspection range up to 20 feet (6.1 m) or more. Includes smart AC and DC chargers, battery strength indicator light, UV-absorbing glasses, belt holster and padded carrying case.



TP-8690
OPTIMAX™ 3000 Cordless, Rechargeable Blue Light LED Leak Detection Flashlight

Power comparable to super-high intensity 150W lamps. Inspection range up to 20 feet (6.1 m) or more. Includes smart AC charger and fluorescence-enhancing glasses.



TP-1390
TRITAN™ 365 Multi-LED, Broad-Beam UV Leak Detection Lamp

Three ultra-high intensity UV LEDs for leak detection, plus a white light LED for illuminating dark work areas! Inspection range of up to 20 feet (6.1 m) or more. Works with all dyes, especially difficult-to-fluoresce yellow dyes. Available in both AC and an AC/DC battery-operated version (TP-1390M).



TP-8640CS
OPTIMAX Jr™ Cordless, Ultra-Compact Blue Light LED Leak Detection Flashlight

Power comparable to high-intensity 75W lamps. Inspection range up to 6 feet (1.8 m) or more. Includes 3 AA batteries and fluorescence-enhancing glasses.

Specialty Tools

Increase Your Productivity and Slash Downtime!

TP-9370

Marksman™ Ultrasonic Diagnostic Tool

Converts and amplifies inaudible ultrasonic sound into audible “natural” sound for accurate diagnosis of leaks and defects. Finds problems before they result in major breakdowns!

- Detects air brake, tire, compressed gas, vacuum and other pressurized leaks quickly and effortlessly
- Pinpoints gear and bearing wear in wheel hubs, transmissions, transfer cases, differentials and electric motors
- Checks for electrical discharge associated with insulation breakdown, carbon tracking and arcing
- Unique ultrasonic emitter helps find faulty seals, gaskets and weather stripping in truck cabs, trailers and other non-pressurized enclosures

Master Kit includes: ultrasonic receiver, ultrasonic emitter, headphones, air probe, contact probe and rugged carrying case

Also available: TP-9371 (same as TP-9370, but *without* emitter)



See and Hear the Marksman in Action!
Visit www.tracerline.com/marksman.html

TP-9360

PRO-Alert™ Electronic Refrigerant Leak Detector

Features high-performance heated-diode sensor technology!

- Optimum sensitivity detects leaks down to 0.25 oz/year (7 g/year)
- Sensor life up to 200 hours or more
- Automatically self-calibrates to neutralize background contamination
- Sensitive to R-12, R-134a and all other HFC refrigerants
- High/low switch for accurate diagnosis of both large and small leaks
- Variable-intensity audible alarm plus flashing LED help pinpoint leaks fast
- Easily replaceable foam filter protects sensor and pump
- Includes sensor, replacement filters, (2) D cell batteries and rugged carrying case



TP-9364

PRO-Alert 2791™ Electronic Refrigerant Leak Detector

Utilizes state-of-the-art infrared sensor technology. Certified to meet new SAE J2791 standard for electronic refrigerant leak detectors!

- Optimum sensitivity detects leaks down to 0.1 oz/year (3 g/year)
- User-selectable, three-position sensitivity switch minimizes false triggering and allows for easy diagnosis of small, medium and large leaks
- Sensitive to R-12, R-134a and all other HFC refrigerants
- Infrared sensor provides consistent response and cannot be “poisoned” by exposure to large amounts of refrigerants. Extremely long service life of 1,000 hours or more!
- High-efficiency air sampling pump provides quicker response and quicker clearing (“zeroing”)
- Audible alarm and multiple LEDs help locate leaks fast
- NiMH battery provides over six hours of use between charges. Detector also works with AC and DC power adapters (included)
- Includes sensor, replacement filters, rechargeable NiMH battery, AC power adapter, DC power adapter with cigarette lighter plug and rugged carrying case. AC adapter available in 120V, 230V, 240V and 100V versions.



Meets SAE
2791

TP-9366

PRO-DigiScale™ Refrigerant Scale

Outstanding durability, affordability and accuracy in a high-capacity scale. Easy to use. Weigh and charge from the same platform!

- Handles cylinders up to 220 pounds (100 kg)
- Measures in lbs/oz, kg/g or decimal lbs
- “Best in class” load cell accurate to +/- 0.25 oz (7 g), with no drift
- Automatic and manual “zeroing”
- Low-battery and over-range warning indicators
- Auto shut-off conserves battery life
- Includes weighing platform, control head, communication cable, 9V battery and rugged carrying case



Fluoro-Lite® and Dye-Lite® Dyes

BIGEZ™ AC&R Dye Injector Kit *Easy and Accurate!* (Patented)

Ideal for both cab AC&R systems and refrigerated trailers

Includes BigEZ assembly, R-134a hose/coupler with R-12 adapter/purge fitting and 4 oz (118 ml) universal dye cartridge for all AC&R systems.

TP-9742CS Universal/POE kit - low side



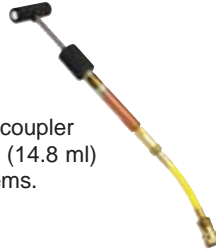
BIGEZ™ AC&R Replacement Dye Cartridges *Prefilled! Disposable!*

Calibrated for exact dosing. Also fit most caulking gun and pump-type injectors! Contain co-solvent free Fluoro-Lite® AC&R dye.

EZ-Ject™ AC&R Dye Injector Kit *Budget Friendly!* (Patented)

Includes EZ-Ject assembly, R-134a hose/coupler with R-12 adapter/purge fitting and 0.5 oz (14.8 ml) universal dye cartridge for all AC&R systems.

TP-9841CS Universal/POE kit - low side



TP-3400 Dye-Lite® All-In-One™ Oil Dye *Highly Concentrated!* (Patented)

For oil, fuel, automatic transmission fluid, power steering and hydraulic fluid (petroleum- or synthetic-based). Patented, full-spectrum formulation works with all leak detection lamps.



TP-3900 Dye-Lite® Coolant/Auto Body Dye

Finds leaks in radiators, hoses, water pumps and fittings — also ideal for pinpointing wind and water leaks in truck/trailer/auto bodies.

Also available: TP-3940 extended-life coolant dye. GM-approved. Will not change coolant color.



Call Toll-Free: 1-800-641-1133
(Outside the U.S. and Canada: 516-333-1254)

Fax Toll-Free: 1-800-354-2353
(Outside the U.S. and Canada: 516-876-8411)

Website: www.tracerline.com

Universal/POE and R-134a/PAG AC&R dye cartridges

Product Number	Description
TP-9770-0108	8 oz (237 ml) universal/POE BigEZ dye cartridge
TP-9760-0108	8 oz (237 ml) R-134a/PAG BigEZ dye cartridge
TP-9860-0601	(6) 0.5 oz (14.8 ml) R-134a/PAG EZ-Ject dye cartridges
TP-9870-0601	(6) 0.5 oz (14.8 ml) universal/POE EZ-Ject dye cartridges

Dye Dose for All AC&R Systems

BigEZ 1/4 oz (7.5 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant

EZ-Ject 0.07 oz (2.1 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant

8-oz BigEZ oil cartridges and accessories

Product Number	Description
TP-9761-0108	PAG oil, 46 viscosity
TP-9762-0108	PAG oil, 100 viscosity
TP-9763-0108	PAG oil, 125 viscosity
TP-9764-0108	PAG oil, 150 viscosity
TP-9771-0108	POE oil, 100 viscosity
TP-9745	BigEZ assembly
TP-9747	Hose assembly with R-134a coupler and R-12 adapter/purge fitting
TP-9948	Oil dispenser

Fluid dyes*

Product Number	Description
TP-3400-0008	8 oz (237 ml) bottle of All-In-One™ oil dye
TP-3400-0016	16 oz (473 ml) bottle of All-In-One™ oil dye
TP-3900-0008	8 oz (237 ml) bottle of engine coolant/auto body leak dye
TP-3900-0016	16 oz (473 ml) bottle of engine coolant/auto body leak dye

*Dyes are also available in larger size containers

Dye Dose for All These Fluid Systems

Fluid Type	Use this much dye	For this amount of fluid
<i>Use Dye-Lite® All-In-One™ oil dye (TP-3400) for these leaks</i>		
Gasoline Engine Oil	0.5 oz (14.8 ml)	4-6 qt (3.8-5.7 L)
Power Steering Fluid		4 qt (3.8 L)
Automatic Transmission Fluid	1 oz (30 ml)	12 qt (11.4 L)
Diesel Engine Oil		4 qt (3.8 L)
Diesel Fuel		12-18 gal (45.4-68.1 L)
Gasoline		
Hydraulics (petroleum-based)	1 oz (30 ml)	4-6 gal (15-22.7 L)
Light- to medium-colored		4-6 qt (3.8-5.7 L)
Very dark or intensely blue		
<i>Use Dye-Lite® water-based dye (TP-3900) for these leaks</i>		
Engine Coolant	1 oz (30 ml)	4 gal (15 L)
Truck Cab/Trailer/Auto Body		60 gal (230 L)

DISTRIBUTED BY:

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