

Subject: USE OF A/C TRACER DYE	Bulletin No: 07-005/06
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BULLETIN NOTE

This bulletin supersedes the previous bulletin U-008/97, issued on 05/19/97. The APPLICABLE MODELS has been revised.

APPLICABLE MODEL(S)/VINS

1997-2003 Protege

1997-2005 Miata

1997-2002 626

1997-2002 Millenia

1997-2006 MPV

2003-2004 Mazda6 (produced before April 29, 2004)

2004-2007 Mazda3

2004-2007 RX-8

2006-2007 Mazda5

2006-2007 MX-5

2007 CX-7

NOTE: 1994-2007 B-Series, 2001-2006 Tribute, and 2004-2007 Mazda6 have A/C tracer dye in their system from the factory.

DESCRIPTION

This bulletin describes how to use florescent A/C leak detecting tracer dye and light for finding minute, intermittent leaks.

NOTE: Most electronic leak detectors can detect small steady leaks, but are ineffective on minute, intermittent leaks.

REPAIR PROCEDURE

1. Follow the A/C tracer dye manufacturers instructions.

NOTE: Different manufacturers have different methods for installing, measuring, and diagnosing with their particular product.

CAUTION: Use only a tracer dye that is compatible with the type of refrigerant and oil in the vehicle's A/C system.

The misuse of tracer dye can lead to misdiagnosis and unnecessary parts replacement.

2. After repairing the leak, clean the area that is covered with A/C tracer dye.

NOTE: Cleaning the area will prevent a future technician from mistaking this residue as a current leak.

3. When diagnosing an A/C leak on a vehicle that previously had tracer dye installed, thoroughly clean the suspected area and re-verify the leak prior to repairing.

4. After repairing the leak, evacuate and recharge the system as outlined in the Workshop Manual.

NOTE:

- DO NOT add additional A/C tracer dye when recharging the system.
- Flushing or changing the A/C oil is not necessary.
- Small amounts of the tracer dye will be found in the Recovery/Recycling tank if recovery is necessary.

Tracer Dye Suppliers

Supplier	Available at	Part Number	Notes
Spectronics Corp.	1-800-641-1133	-	(or equivalent)
Ford-Rotunda	See Dealer	112-R0027	(or equivalent)