

Classification:
AT17-003B

Reference:
ITB17-034B

Date:
March 1, 2021

CVT OIL LEAK DIAGNOSIS USING FLUORESCENT DYE

This bulletin has been amended. See AMENDMENT HISTORY on the last page.
Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2013 JX35 (L50)
2014-2016 QX60 (L50)

SERVICE INFORMATION

If a CVT **appears** to have oil seepage or a leak on the transmission, follow the steps below to assist in a correct diagnosis.

1. Thoroughly clean off the area of the suspected leak.
2. Install one (1) fluid ounce of J-52990 Fluorescent Oil Dye* into the CVT.
3. Drive the vehicle for a minimum of 10 minutes (to ensure proper diagnosis).
4. Inspect the area with the lamp from the J-43926 A/C Dye Kit.*

➤ **If a fluorescent oil trace/leak is not found, the stain is likely:**

- corrosion protection chemicals sprayed on the transmission, **and/or**
- lubricants, which are sometimes used to ease the assembly process.

NOTE: The chemicals/lubricants may cause dust to accumulate (gather) on the transmission and have the appearance of an oil leak. Corrective action is not required should this occur.

➤ **If a fluorescent oil trace/leak is found:**

- Repair using standard warranty procedures.

*These tools were made Essential in 2001 (J-52990) and 1999 (J-43926). To order additional supplies, call Tech-Mate at 1-800-662-2001 or visit www.infinititechmate.com.

NOTE: The Fluorescent Oil Dye is also available in a pack of six 1-ounce bottles (part number J-52990-6).

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

CLAIMS INFORMATION

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Diagnosis using Fluorescent Dye	(1)	JX48AA	ZE	32	0.7

(1) Refer to the Electronic Parts Catalog (EPC) and use the CVT assembly part number as the Primary Failed Part (PFP).

NOTE: Fluorescent Oil Dye is considered a shop supply.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 28, 2017	ITB17-034	Original bulletin published
July 22, 2019	ITB17-034A	Latest models and model years applied
March 1, 2021	ITB17-034B	APPLIED VEHICLES and Fluorescent Oil Dye part number revised

