



SERVICE BULLETIN

Classification: AT09-012C	Reference: NTB09-140C	Date: March 1, 2021
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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:	2013-2016 Altima (L33)	2011-2017 Quest (E52)
	2011-2017 Juke (F15)	2014-2016 Rogue (T32)
	2016 Maxima (A36)	2017 Rogue Sport (J11)
	2015-2016 Murano (Z52)	2013-2017 Sentra (B17)
	2013-2018 NV200 (M20)	2012-2017 Versa (N17)
	2014-2016 NV200 Taxi (M20)	2014-2017 Versa Note (E12)
	2013-2016 Pathfinder (R52)	

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.nissantechmate.com.

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

Nissan 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 Nissan dealer 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
December 8, 2009	NTB09-140	Original bulletin published
April 28, 2017	NTB09-140A	CLAIMS INFORMATION section added
July 22, 2019	NTB09-140B	Latest models and model years applied
March 1, 2021	NTB09-140C	APPLIED VEHICLES and Fluorescent Oil Dye part number revised

