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: All Nissan vehicles with a Continuously Variable Transmission (CVT)

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-28431 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-28431) 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-28431-6).
CLAIMS INFORMATION

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<tr>
<th>DESCRIPTION</th>
<th>PFP</th>
<th>OP CODE</th>
<th>SYM</th>
<th>DIA</th>
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<tbody>
<tr>
<td>Diagnosis Using Fluorescent Dye</td>
<td>(1)</td>
<td>JX48AA</td>
<td>ZE</td>
<td>32</td>
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(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

<table>
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<tr>
<th>PUBLISHED DATE</th>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
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<tr>
<td>December 8, 2009</td>
<td>NTB09-140</td>
<td>Original bulletin published.</td>
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<tr>
<td>April 28, 2017</td>
<td>NTB09-140a</td>
<td>CLAIMS INFORMATION section added.</td>
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<tr>
<td>July 22, 2019</td>
<td>NTB09-140b</td>
<td>Latest models and model years applied.</td>
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