

Nissan Launches self-validation program for NERS J2534 compatible devices



Nissan launches a self-validation program for device makers to check devices, and recheck compatibility of devices after firmware updates.

Nissan offers validation kit for \$5,000 USD.

NCT kit includes;

- NCT(NERS Conformance Tester) software
 - Performs both device driver and communication tests with ECU simulator hardware.
 - Generates test report.
- ECU simulator hardware
 - Emulates specific ECU responses in reprogramming sequence
- Operation manual

Also, if device maker wants Nissan validation endorsement, for \$1,000 Nissan will review the self-validation data. Devices validated by Nissan will be listed on the Nissan and Infiniti websites (www.nissan-techinfo.com and www.infiniti-techinfo.com)

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Overview of Validation Process:

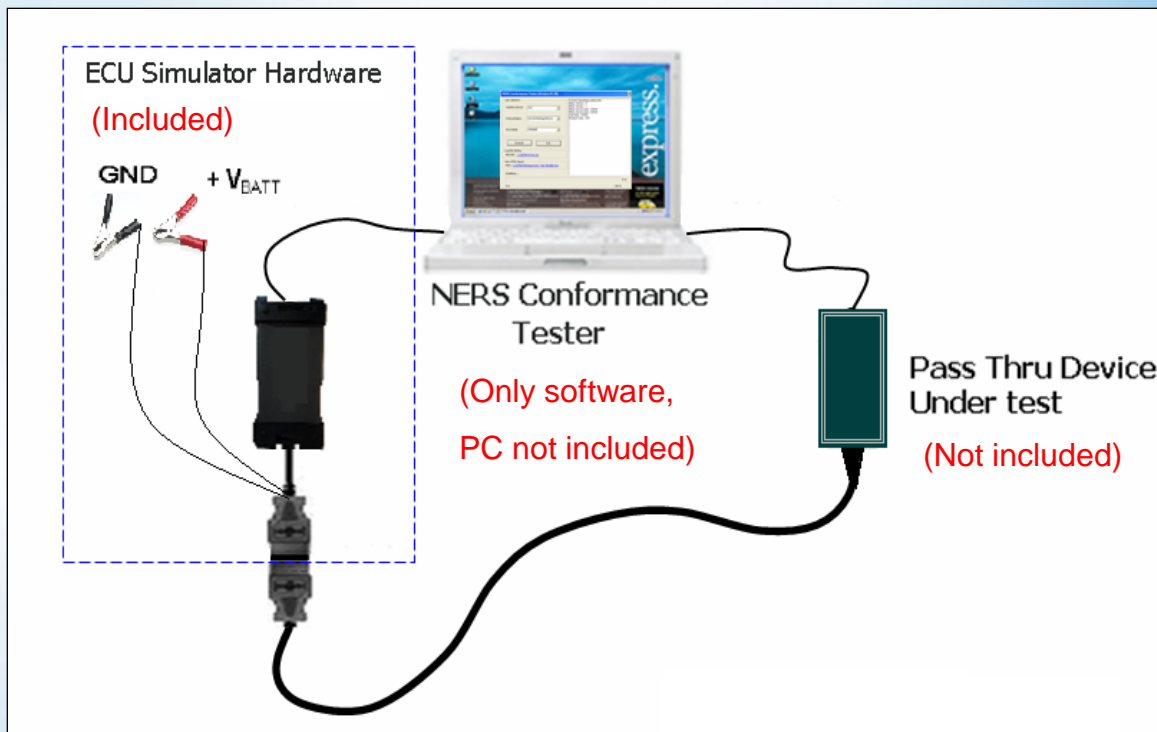
1. Using the test application, NERS, and device; Device makers will complete test cases of various ECMs and TCMs. Details are:
 - One test ECM or TCM on DDL2 vehicle with test application
 - One test ECM or TCM on Diag on CAN vehicle with test application
 - 1 test includes 8 scenarios for validating API of J2534.
 - One test ECM or TCM on DDL2 vehicle with NERS and device
 - One test ECM or TCM on Diag on CAN vehicle with NERS and device
 - This test is different from the "test" using Test Application. This is validation if reprogram is completed by NERS.
2. Test cases include both reprogramming and VIN writing
3. Table of vehicles using DDL2 and Diag on CAN ECM and TCM modules will be included with the validation process

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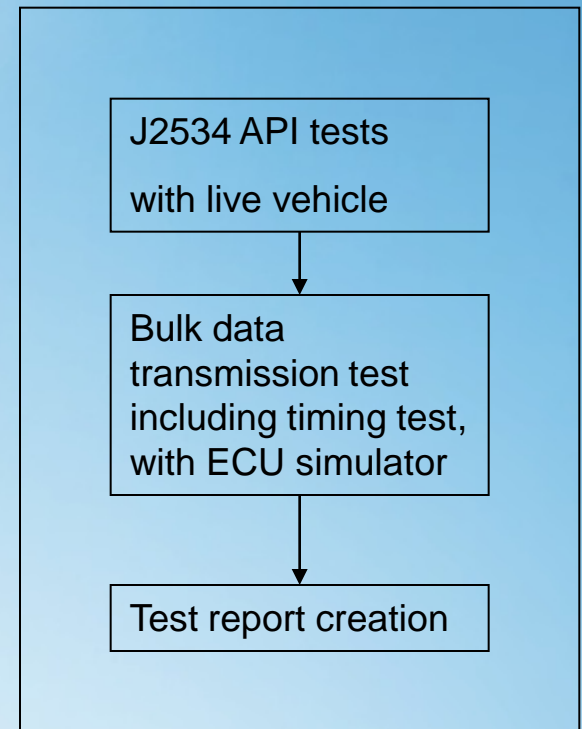


The ECU simulator emulates bulk data transmission in Nissan reprogramming sequence and enable user to risk-free testing.

Test configuration: Validation kit



Test items:



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Validation Kit Ordering process:

1)Customer sends e-mail describing qty of kits you need and contact info to:

CONSULT_Order@mail.nissan.co.jp

2)NISSAN will reply with Terms &Conditions (T&C), Quotation and Order sheet.

3)Purchaser completes and signs the T&C and Order sheet and e-mail electronic copy of them or Fax to: CONSULT_Order@mail.nissan.co.jp / Fax +81-45-785-7483

4)NISSAN will e-mail an invoice to billing address.

5)Customer should pay within 30 days from recipient of the invoice

6)Shipment will be done within 10 working days* after confirmation of payment.

*If inventory is available. If no inventory is available, lead time will be included with Quotation.

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Firmware Update Endorsement process:

1) Customer sends e-mail describing firmware review request and contact info to:

CONSULT_Order@mail.nissan.co.jp

2) NISSAN will reply with Terms & Conditions (T&C), Quotation and Order sheet

4) Purchaser completes and signs the T&C and Order sheet and e-mail electronic copy of them or Fax to: CONSULT_Order@mail.nissan.co.jp / Fax +81-45-785-7483

5) NISSAN will e-mail an invoice to billing address provided by customer.

6) Customer should pay within 30 days from recipient of the invoice

2) Customer and Nissan coordinate sending of NERS log files to Nissan

7) Nissan will send customer an analysis report within 10 working days after confirmation of payment.