



SERVICE BULLETIN

Classification:

AT15-012e

Reference:

NTB15-084e

Date:

October 16, 2017

2013-2014 ALTIMA; CVT JUDDER AND DTC P17F0 OR P17F1 STORED

This bulletin has been amended. The APPLIED VEHICLES and CLAIMS INFORMATION have been updated, and changes in the SERVICE PROCEDURE on pages 2, 4, 5, 10, 19, and 20 to 26. No other changes have been made. Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2013-2014 Altima (L33) with 4-cyl engine only

IF YOU CONFIRM:

The customer reports a transmission judder (shake, shudder, single or multiple bumps or vibration),

AND

One of the following DTCs are stored in the TCM:

- **P17F0** (CVT_JUDDER (T/M INSPECTION))
- **P17F1** (CVT_JUDDER (C/U INSPECTION))

NOTE:

- If a transmission judder (as described above) is **NOT** reported by the customer, this bulletin **does not apply**.
- If DTC P17F0 or P17F1 was **NOT** found stored, this bulletin **does not apply**.
- NTB15-083, **Enhanced Diagnostic Logic For CVT Judder**, has reprogramming instructions that may apply.

ACTIONS:

Perform the **SERVICE PROCEDURE**, starting on page 3.

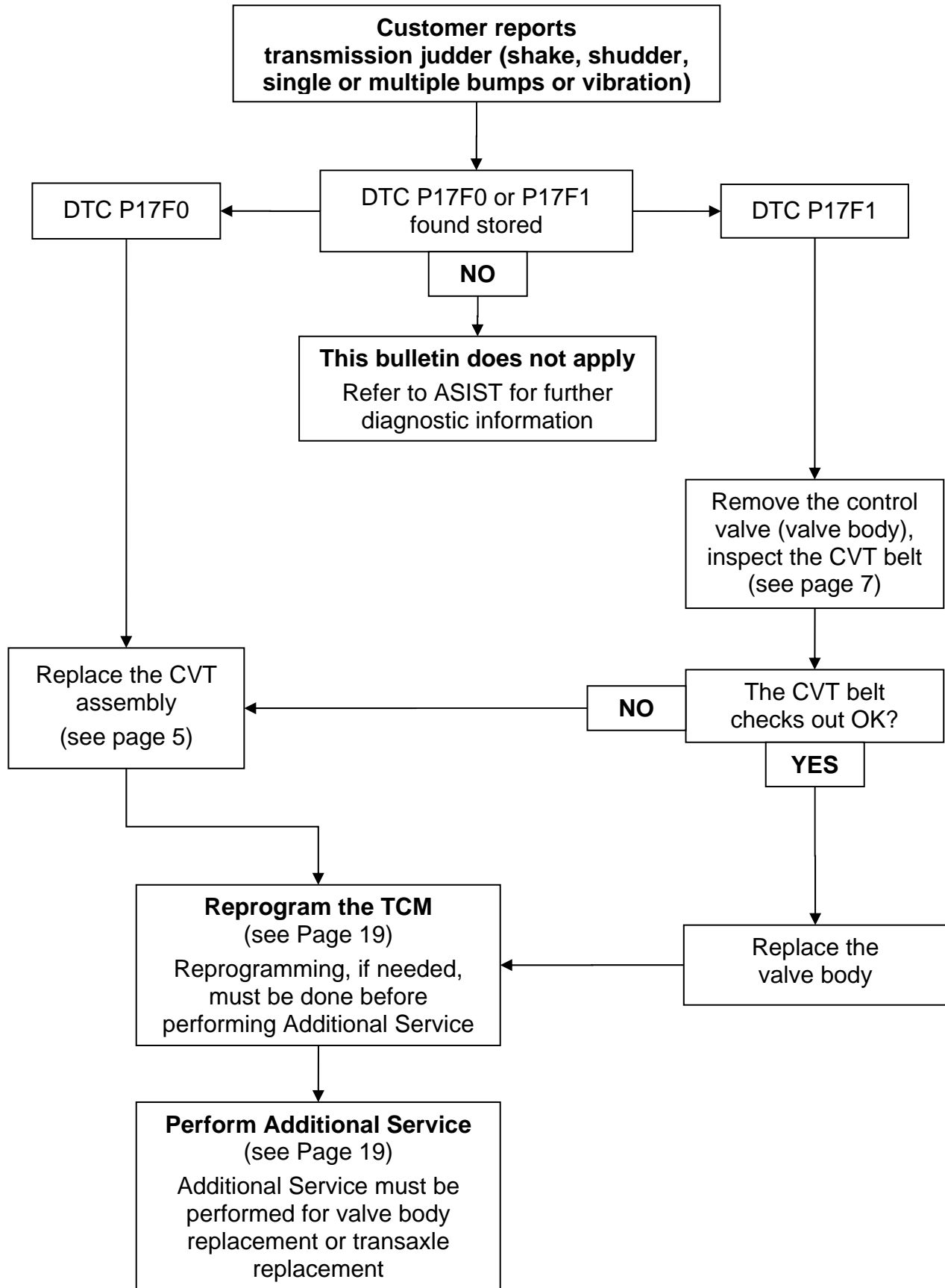
- Review the **Repair Overview** on page 2.

NOTE: Essential Tool Tech Cam (borescope) J-51951 has been sent to dealers. This tool's attachments make CVT inspection possible.

IMPORTANT: The purpose of ACTIONS (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

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.

Repair Overview



SERVICE PROCEDURE

Check for Stored DTCs

1. Before starting, it is **IMPORTANT** to make sure:
 - ASIST on the CONSULT PC has been freshly synchronized (updated).
 - All CONSULT related software updates (if any) have been installed.
2. Once all ASIST and CONSULT related updates have been performed, attach the CONSULT PC to the vehicle.
 - Connect the plus VI to the vehicle.
 - Connect the AC adapter to the CONSULT PC.
3. Turn ON the CONSULT PC, and then open CONSULT-III plus (C-III plus).
NOTE: Make sure all applications other than C-III plus are closed.
4. Press the ignition switch twice without depressing the brake pedal.
 - The meter and gauges will illuminate.
 - Do Not start the engine.
 - Make sure ALL accessories are turned OFF.
5. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
6. Go to **Diagnosis (All Systems)**.

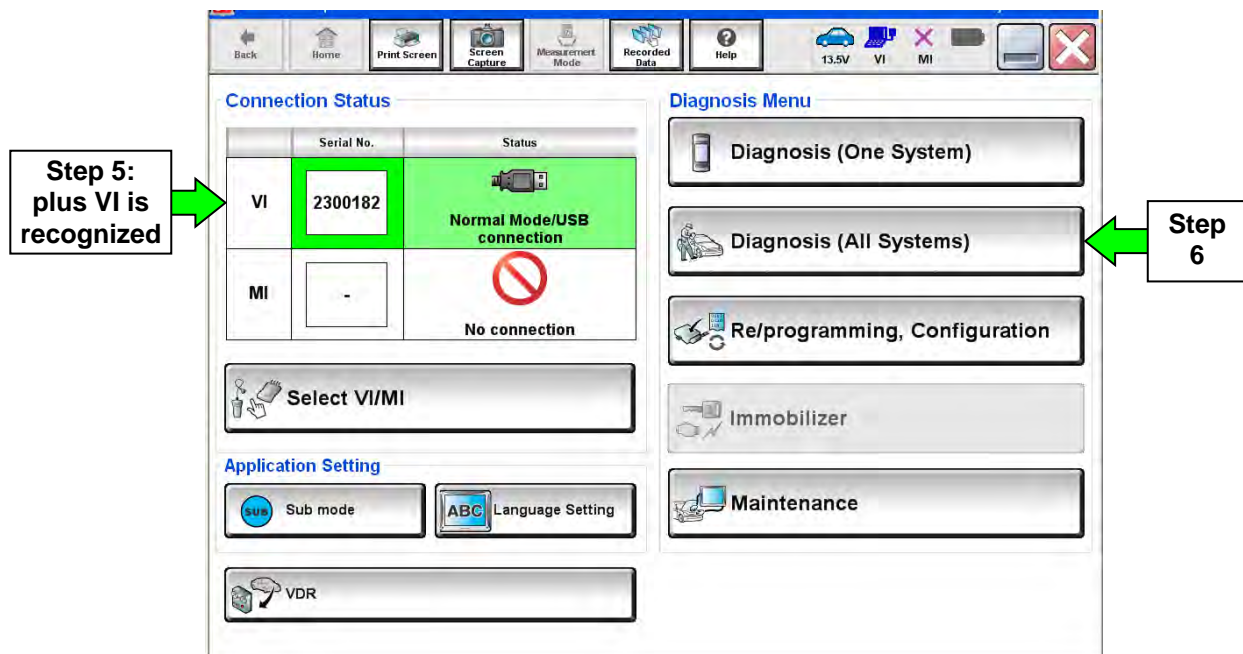


Figure 1

7. Select **TRANSMISSION**.

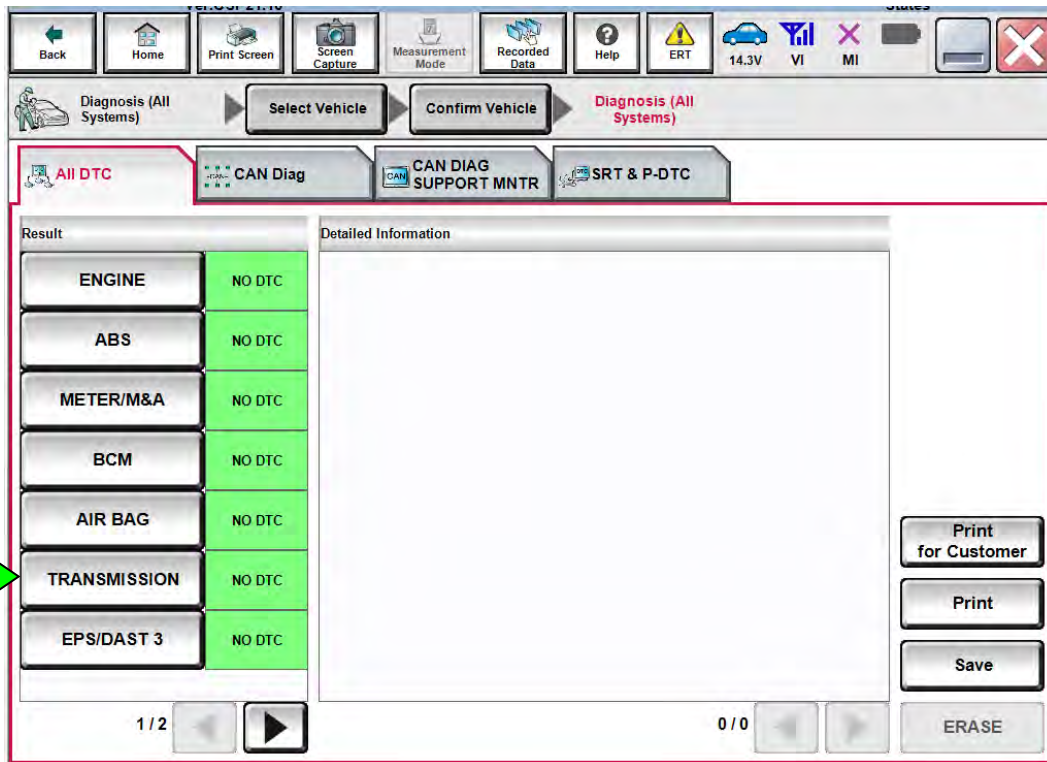


Figure 2

8. Select the **Self Diagnostic Result** tab, print the screen showing the VIN and DTC, and then attach the printout to the repair order.

IMPORTANT: The screen printout MUST clearly show the VIN and DTC.

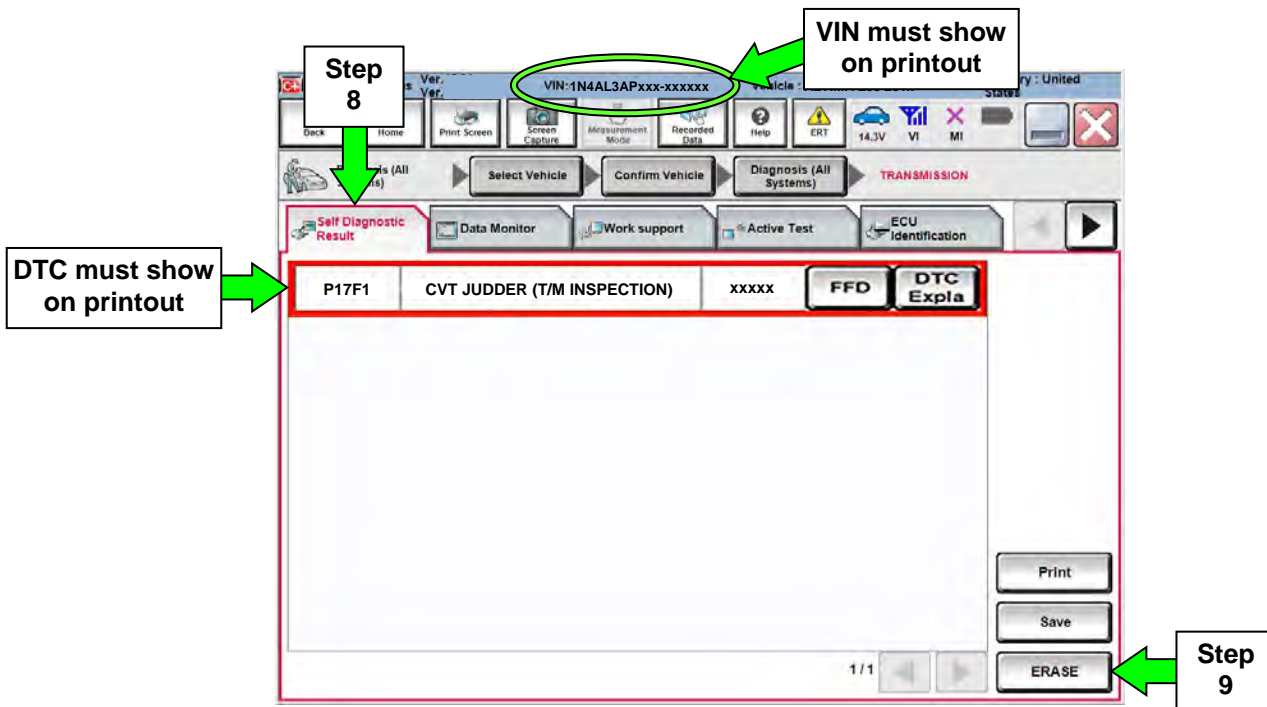


Figure 3

9. After printing a screen shot, erase the DTC.

10. Close C-III plus.

11. Turn the ignition OFF.

12. Disconnect the plus VI from the vehicle.

13. Determine action based on code stored:

If P17F0 is stored:

- **Replace the CVT assembly.**
- Get authorization to replace the CVT assembly (see page 31).
- Refer to the appropriate ESM, section TM – Transaxle & Transmission / RE0F10D, for CVT assembly replacement.
- **IMPORTANT: A CVT Cooler flush is required** after a valve body or CVT assembly replacement. Refer to NTB15-013 to perform CVT cooler flush.
- Refer to the ESM, section TM – Transaxle & Transmission for CVT fluid filling with NS-3 CVT fluid or equivalent.
- See page 19 for **TCM Reprogram and Additional Service.**

If P17F1 is stored:

- Go to page 7, **Control Valve (Valve Body) Removal and CVT Belt Inspection – for DTC P17F1 ONLY.**

If **neither** P17F0 nor P17F1 are found stored:

- **This bulletin does not apply.**
- Refer to ASIST and the ESM for further diagnosis.

Exploded View

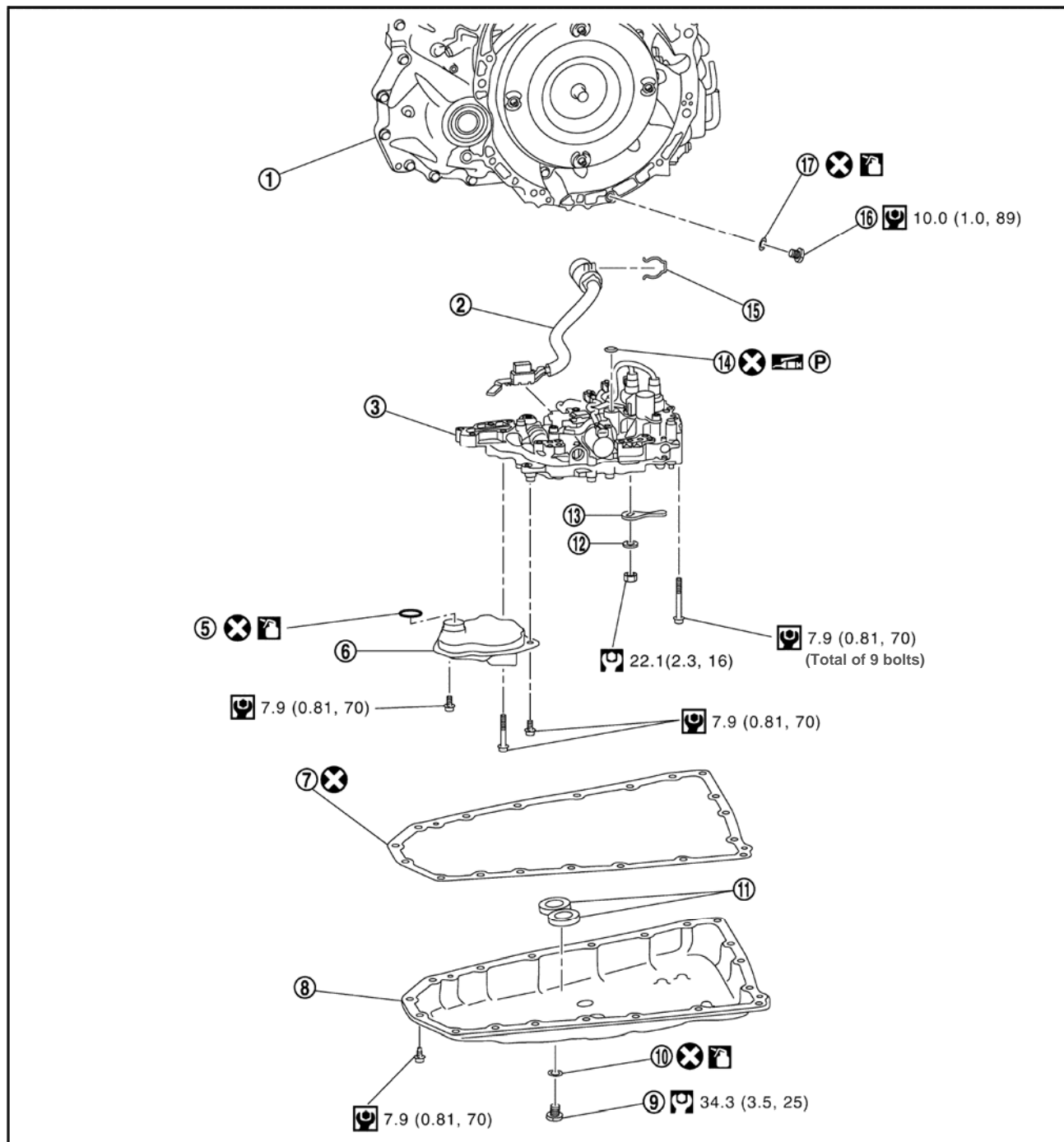


Figure 4

- | | | |
|----------------------------|--------------------------|------------------------------|
| ① Transaxle (CVT) assembly | ② Terminal cord assembly | ③ Control valve (valve body) |
| ④ | ⑤ O-ring | ⑥ Oil strainer assembly |
| ⑦ Oil pan gasket | ⑧ Oil pan | ⑨ Drain plug |
| ⑩ Drain plug gasket | ⑪ Two original magnets | ⑫ Spring washer |
| ⑬ Manual plate | ⑭ Lip seal | ⑮ Snap ring |
| ⑯ Overflow plug | ⑰ O-ring | |

Control Valve (Valve Body) Removal and CVT Belt Inspection – for DTC P17F1 ONLY

1. Remove the valve body.

- Before lifting the vehicle:
 - Place the transmission gear selector in Neutral.
 - Leave the driver door unlatched. A step further in the procedure may require it.
- Refer to the applicable ESM, section **TM – Transaxle & Transmission / RE0F10D**, for valve body removal.

NOTE: The number '7' is on the head of all bolts that need to be removed for valve body removal. Do not remove any bolt that does not have the number '7'.

CAUTION: Never allow any chemicals or fluids other than NS-3 CVT fluid or equivalent to enter the CVT assembly. Never allow any foreign debris, dust, dirt, etc. to enter the CVT assembly.

- For additional information, see video # 544: "CVT Belt Inspection". This video is located under the TECH TRAINING GARAGE VIDEOS tab in Virtual Academy.

2. Secure the front right tire with a suitable strap.
 - This will assist in making the belt turn.
3. Mark the front left tire with a suitable marking.
 - This will assure all 360° of the belt is inspected.



Figure 5

4. Using borescope J-51951 with mirror attachment, inspect the entirety of the two sides of the belt that come in contact with the pulleys (see page 10, Figure 11). Reference the pictures on pages 10 through 14 for comparison.

NOTE:

- Be sure to remove the protective film from the mirror before the first use.
- Clean the camera lens and mirror before each inspection. Use 90% isopropyl alcohol, and a lens swab from Lens Swab packet J-51963 listed in **PARTS INFORMATION**.
- Before inspecting, make sure the camera handle's AA batteries are fresh and the LCD monitor's battery is charged.

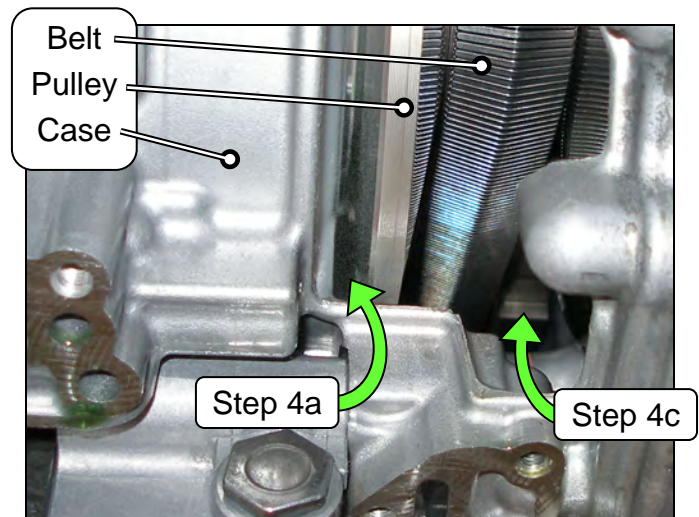


Figure 6

- a. Insert the camera lens between the CVT case and pulley where shown in Figure 6 and 7.
 - Insert the lens approximately seven (7) inches, and then view the side of the belt that contacts the pulley.

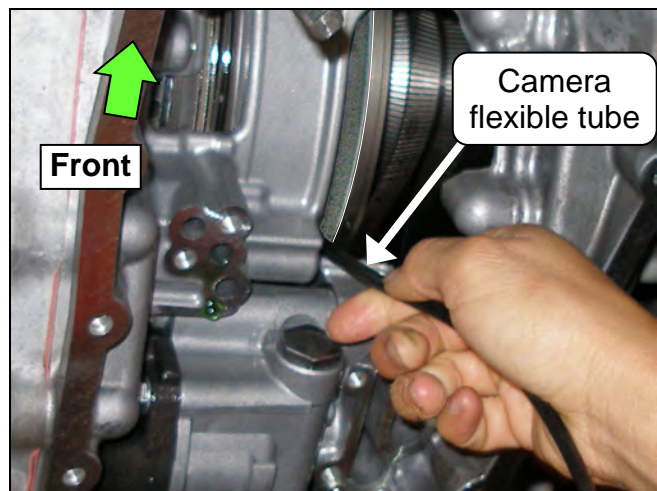


Figure 7

- b. Slowly and carefully turn the front left tire one full turn in the forward rotation to view all of the belt.

- Holding the borescope with one hand allows for turning the tire with the other hand (see Figure 8).

CAUTION: If the tire is rotated in the rearward rotation, the camera lens may get caught between the belt and pulley.

- c. If the inspection result is OK, inspect the other side of the belt.

- Insert the camera lens in the second location where shown in Figure 6 and 9, and then perform step 4b again.

- d. If the inspection result is OK 360° on both sides of the belt, skip to step 5 on the next page.

- If any evidence of belt slippage is found, go to step 4e, and then step 6.
- For additional information, see video # 544: "CVT Belt Inspection". This video is located under the TECH TRAINING GARAGE VIDEOS tab in Virtual Academy.



Figure 8

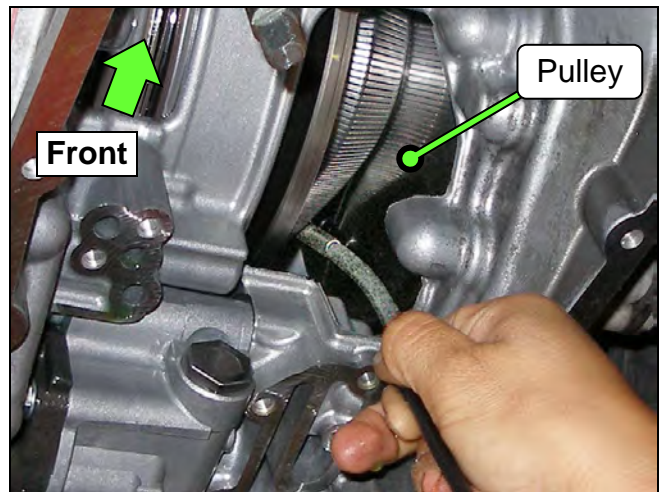


Figure 9

- e. Once it is determined that CVT replacement is required, use borescope J-51951 to record a 15 second or less continuous video of the most severe evidence of belt slip and the VIN on the F.M.V.S.S. certification label (VIN label). See Figure 10.

NOTE: This required video must be attached to the Powertrain Call Center CVT Preauthorization Form (in ASIST) prior to calling for authorization. Failure to submit a continuous video will cause immediate denial of request for replacement.



Figure 10

- Before starting to record, make sure the camera handle's AA batteries are fresh and the LCD monitor's battery is charged.
 - The whole video will show as backward, or reversed mirror image. This is okay.
 - The required video must show clear evidence of belt slippage and be 15 seconds or less.
5. If the belt inspection result is OK, replace the valve body.
- There is no need for pictures or video showing "OK" belt surfaces.
 - **IMPORTANT:** A CVT Cooler flush is required after a valve body or CVT assembly replacement. Refer to NTB15-013 to perform CVT Cooler flush.
 - See page 15 for **Control Valve (Valve Body) Installation**.
 - See page 19 for **TCM Reprogram and Additional Service**.
6. If the belt inspection result is NG, replace the CVT assembly.
- Get authorization to replace the CVT assembly (see page 31).
 - Make sure to perform step 4e on page 9.
 - For CVT assembly replacement, refer to the appropriate ESM, section **TM – Transaxle & Transmission / RE0F10D**.
 - **IMPORTANT:** A CVT Cooler flush is required after a valve body or CVT assembly replacement. Refer to NTB15-013 to perform CVT Cooler flush.
 - Refer to the ESM, section **TM – Transaxle & Transmission** for CVT fluid filling with NS-3 CVT fluid or equivalent.
 - See page 19 for **TCM Reprogram and Additional Service**.
- NOTE:** The CVT unit requiring replacement will need to be reassembled for Nissan parts return/collection.

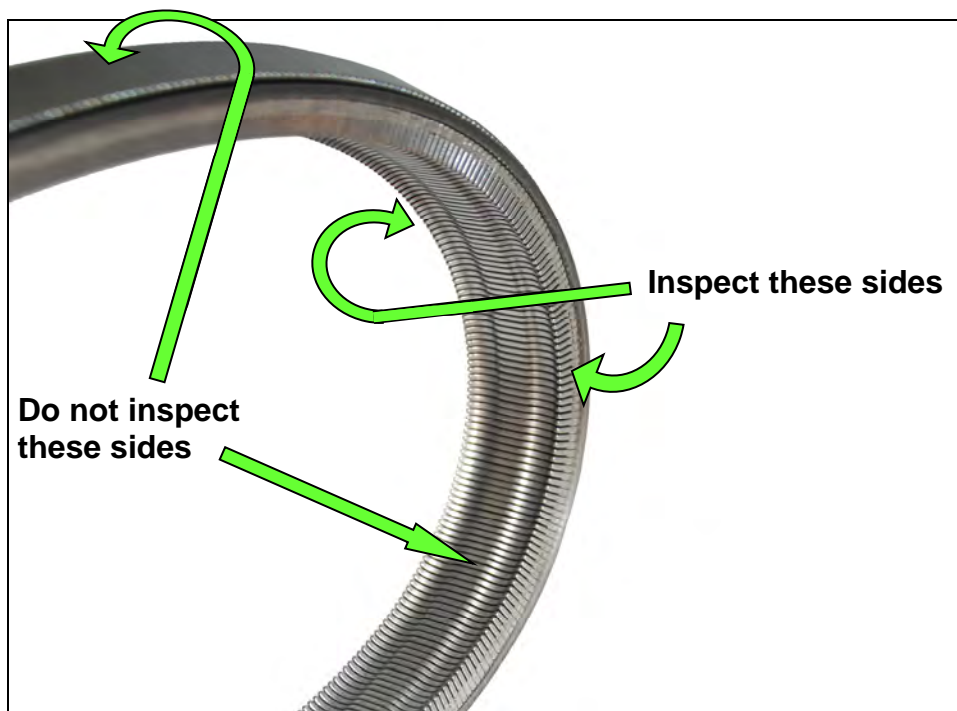


Figure 11

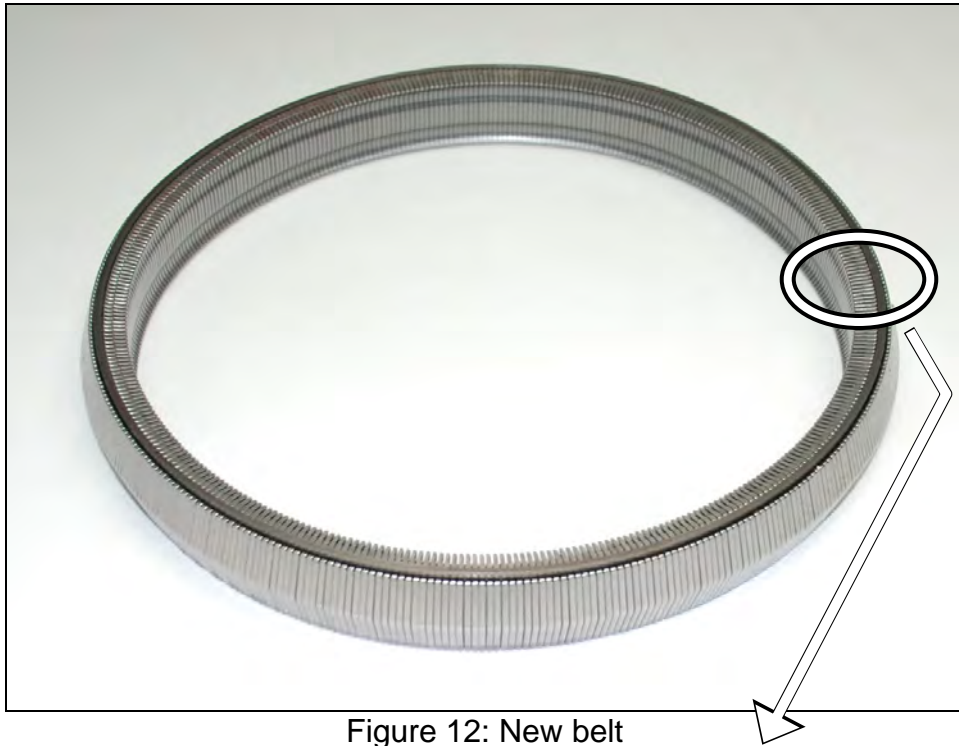


Figure 12: New belt

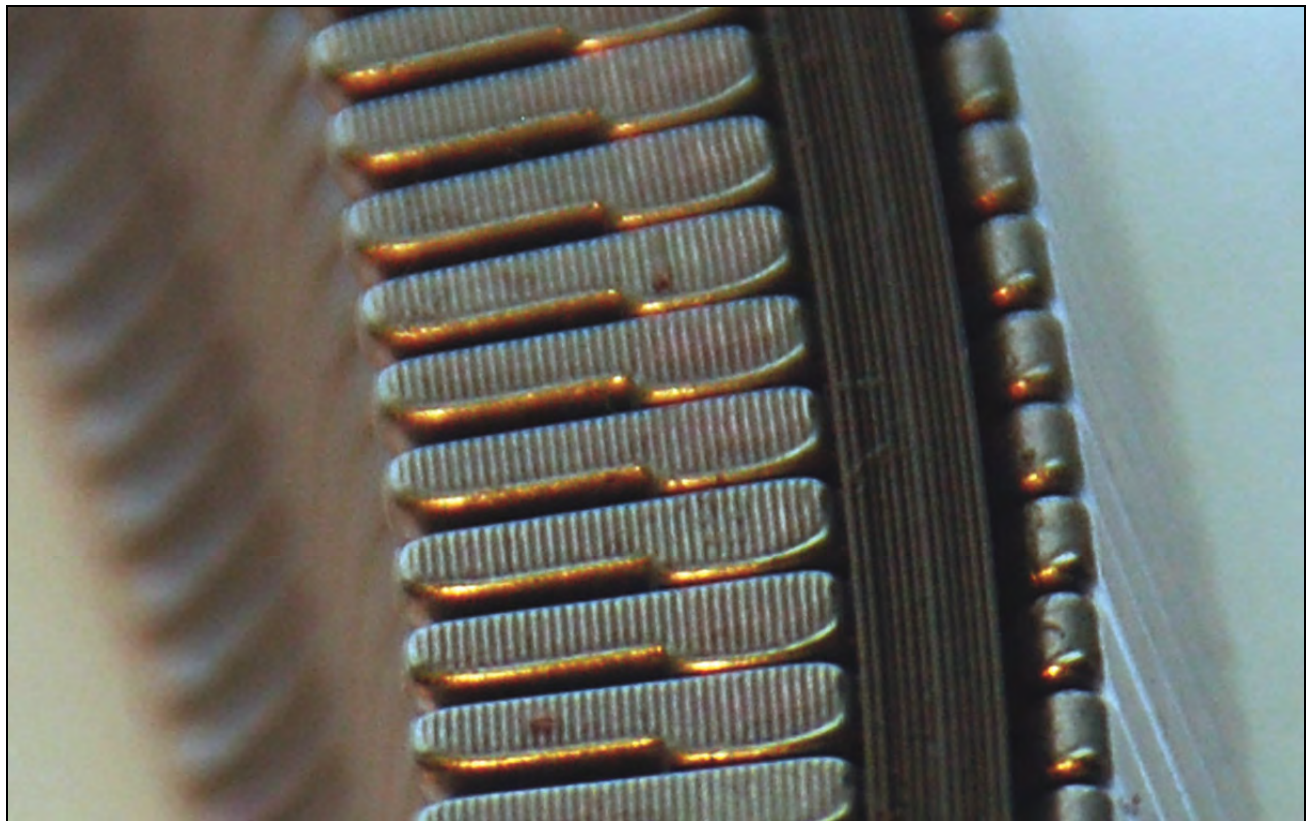


Figure 13: Close-up of section to be inspected

Pictures in Figures 14 and 15 were taken with borescope J-51951.

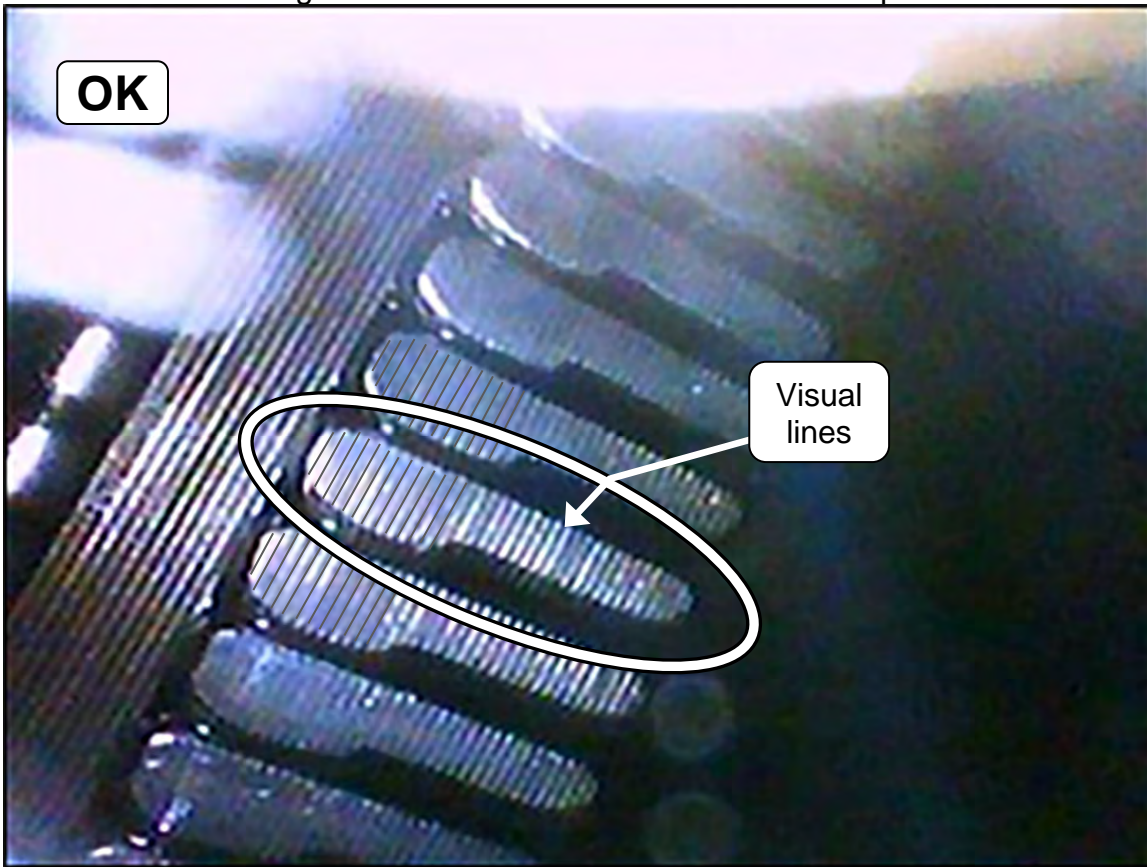


Figure 14: Belt is OK

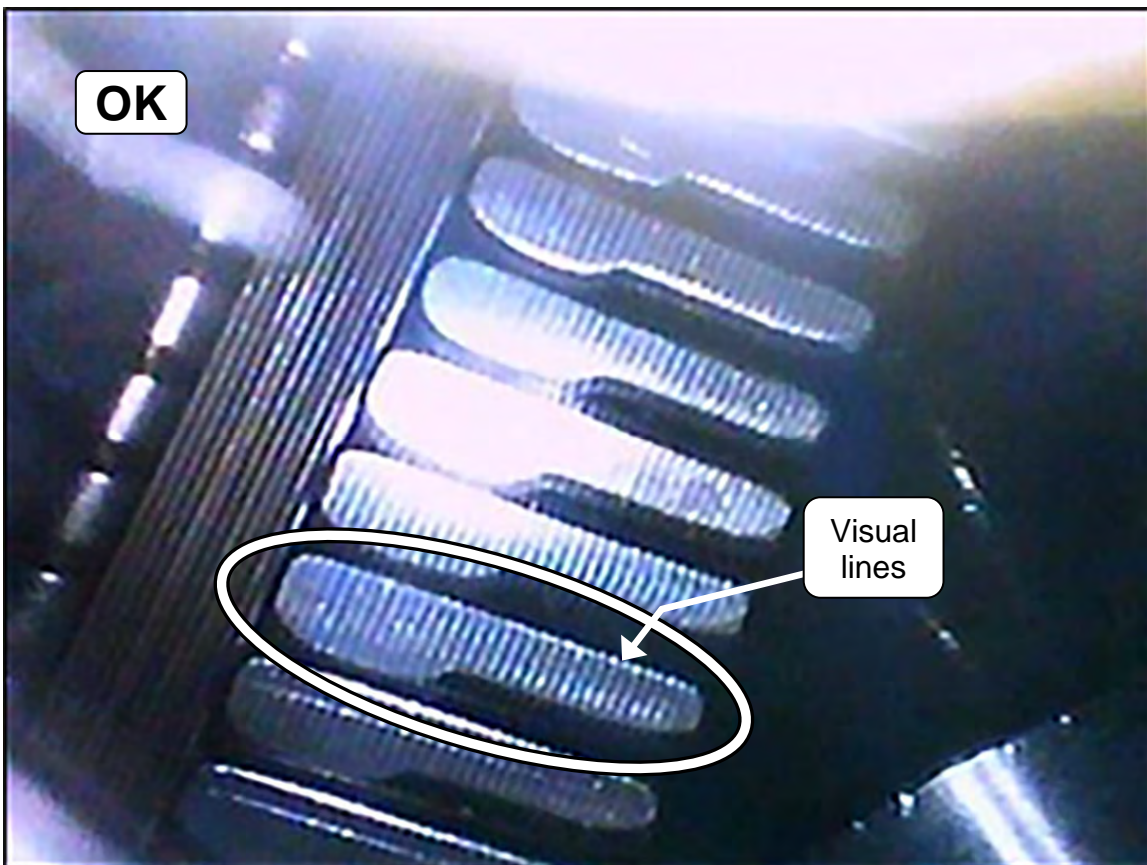


Figure 15: Belt is OK

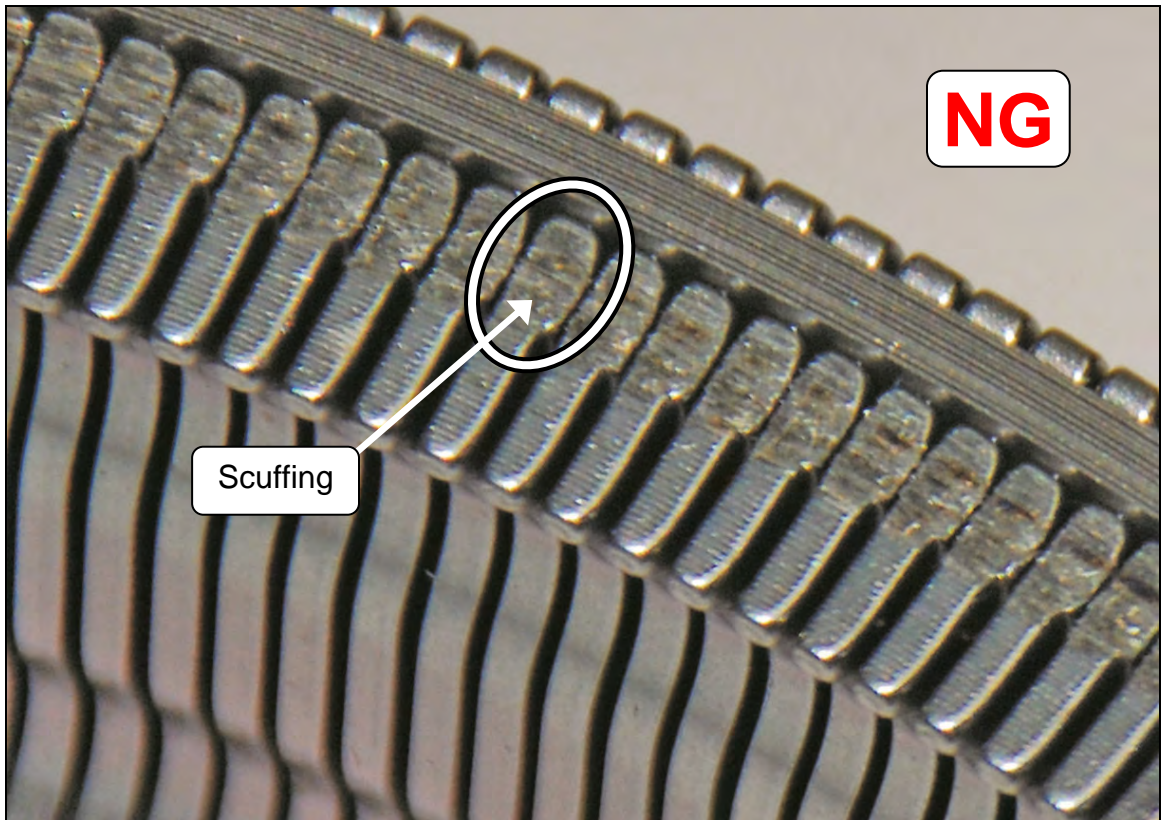


Figure 16: Example of NG belt

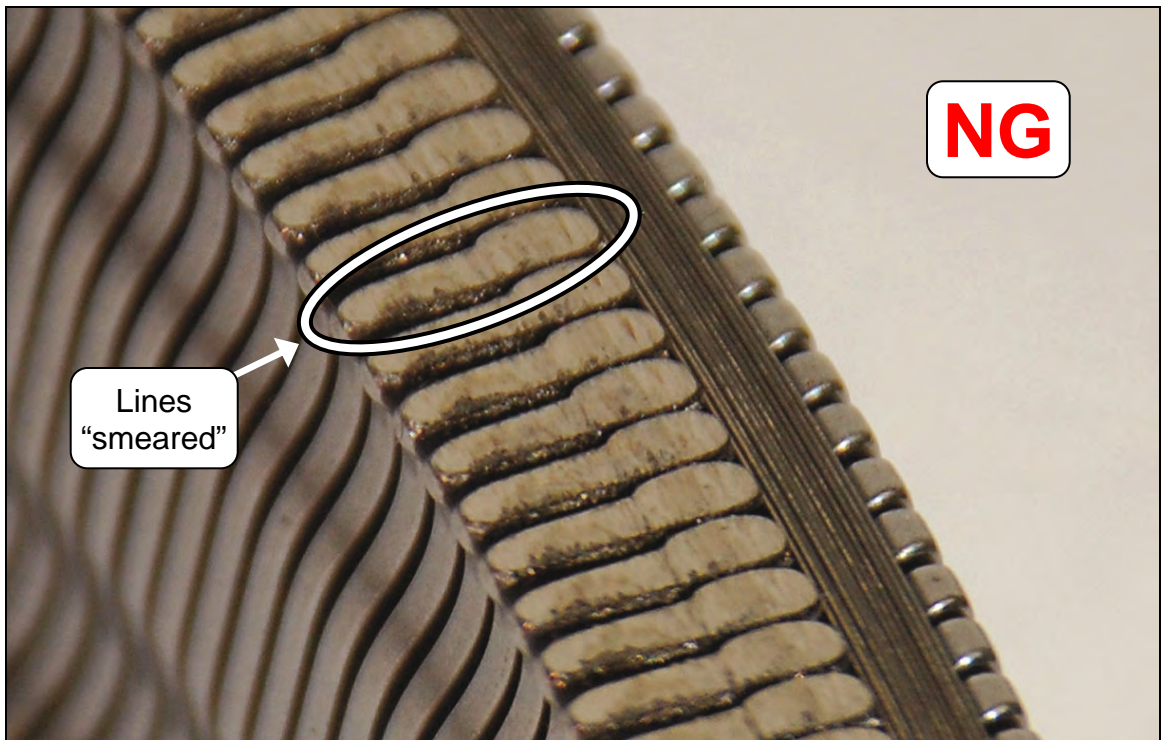


Figure 17: Example of NG belt

Pictures in Figures 18-20 were taken with borescope J-51951.



Figure 18: Example of NG belt

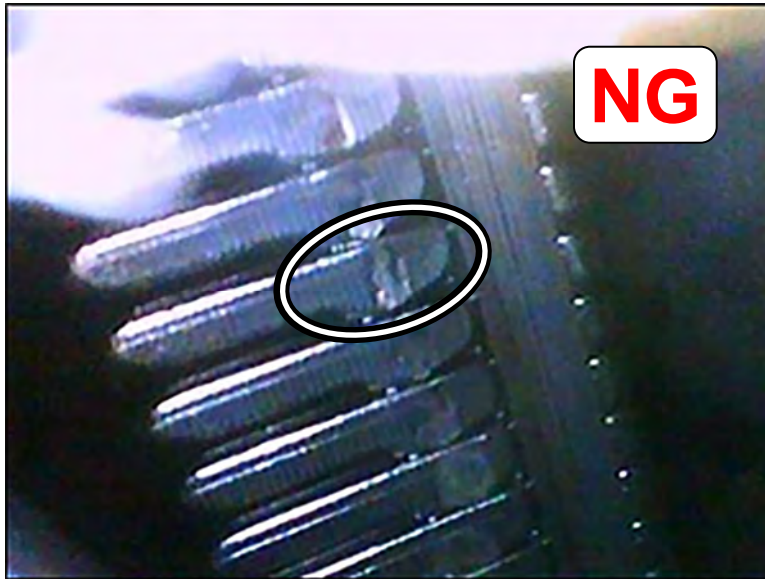


Figure 19: Example of NG belt



Figure 20: Example of NG belt

Control Valve (Valve Body) Strainer and Pan Installation

IMPORTANT: This section may contain different style parts than what was originally installed in the CVT. Pay careful attention, REASSEMBLY MAY NOT BE IDENTICAL TO DISASSEMBLY.

CAUTION: Handle the valve body carefully.

1. Discard the oil strainer bracket (Figure 21).
2. Install a new lip seal. Do NOT reuse the old lip seal (Figure 22).

NOTE: Apply a small amount of petroleum jelly to the lip seal to keep it in place on the CVT.

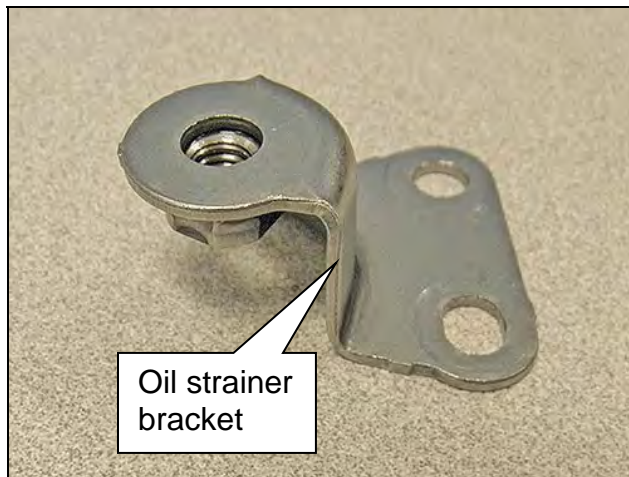


Figure 21

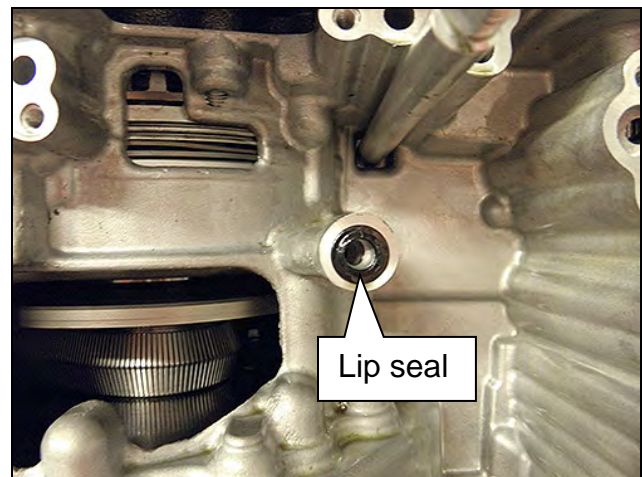


Figure 22

3. Install the Control Valve with nine (9) mounting bolts (Figure 23).

IMPORTANT: Leave Four (4) ✘ bolt holes blank at this step.

CAUTION: Make sure the wiring harness is not in the way / does not get pinched.

- 54 mm long bolt ● – 7 pieces
- 44 mm long bolt ● – 2 piece
- 25 mm long bolt ● – 2 piece

CAUTION: These two bolts are installed WITHOUT the strainer bracket.

- Bolt torque: 8.0 N•m (0.81 kg-m, 70.8 in-lb.)

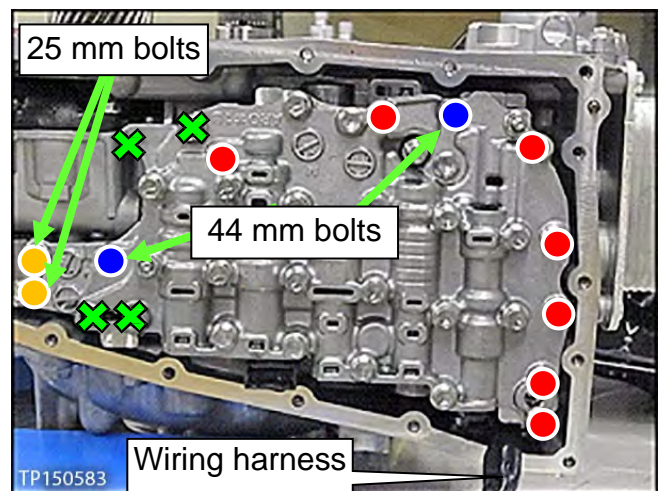


Figure 23

4. Replace the metal bracket of the temperature sensor as follows:

NOTE: The new bracket will be oriented the same way the old bracket was.

- a. Cut the plastic zip tie with an appropriate tool to remove the temperature sensor bracket from the terminal harness assembly. (Figure 24).

CAUTION: Cut the plastic zip tie over the metal bracket to avoid damage to the temperature sensor.

- b. Discard the removed bracket and plastic zip tie.
- c. Use the plastic zip tie from **PARTS INFORMATION** to attach the new temperature sensor bracket to the temperature sensor of the terminal connector harness.

IMPORTANT: Locate the plastic zip tie at the center notch of three notches on the temperature sensor.

- d. Cut off plastic zip tie excess.

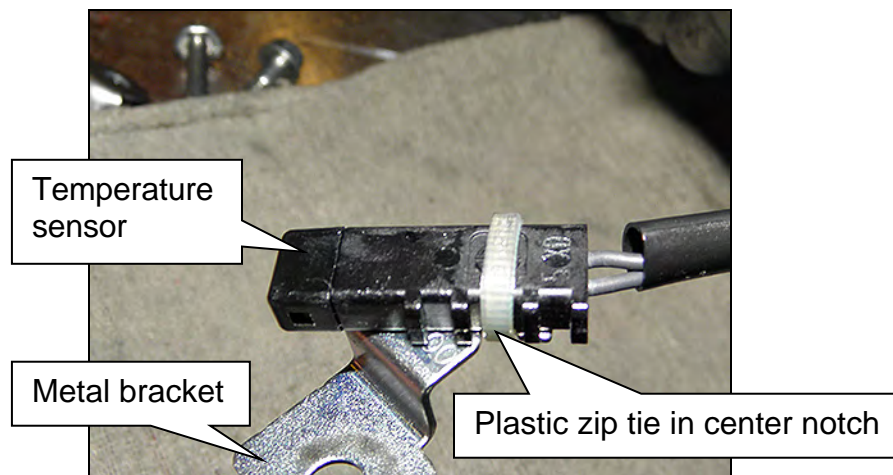


Figure 24

5. Connect the electrical harness connector (Figure 25).

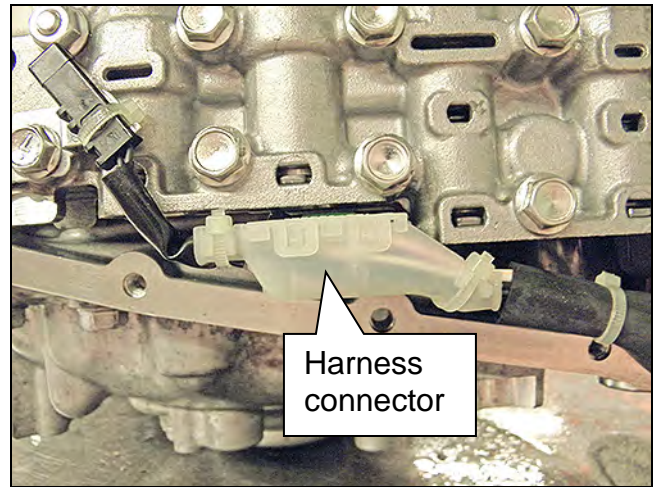


Figure 25

6. Install the CVT fluid temperature sensor bracket to the valve body with one (1) bolt (Figure 26).

NOTE: Leave one (1) bolt hole blank as it will be used to secure the oil strainer at a later step.

- Bolt torque: 8.0 N•m (0.81 kg-m, **70.8 in-lb.**)
- Bolt length: 54 mm

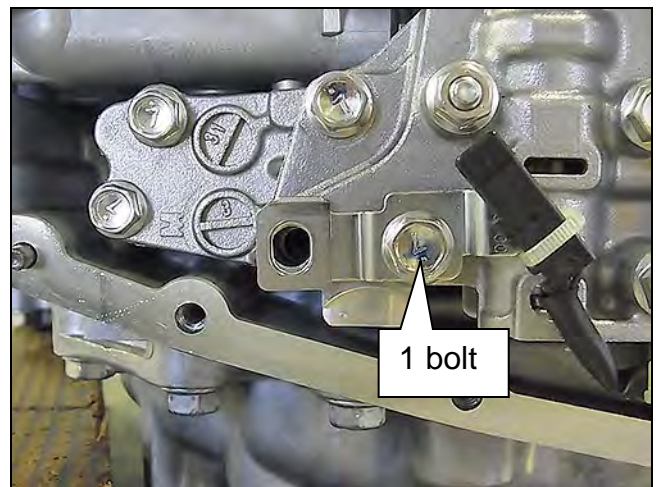



Figure 26

7. Install the new oil strainer with its new O-ring seal with two (2) bolts (Figure 27).

NOTE: Replacement strainer maybe a different shape.

- Bolt torque: 8.0 N•m (0.81 kg-m, **70.8 in-lb.**)
- 54 mm long bolt  - 2 pieces.

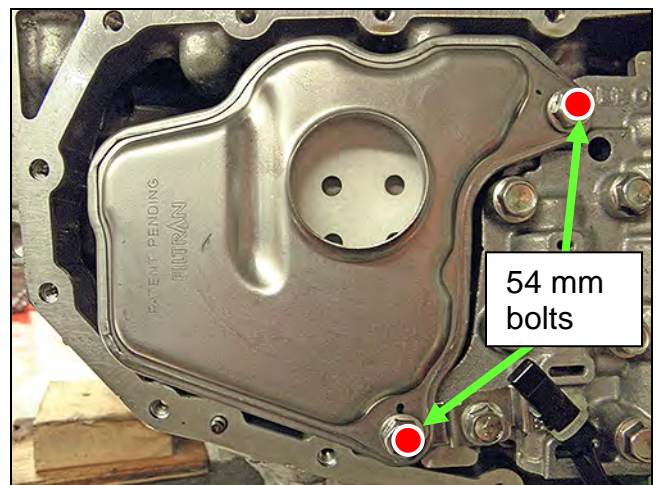


Figure 27

8. Install the manual plate, lock washer, and nut (Figure 28).

NOTE: Make sure the manual plate fits into the slot of the manual valve before applying torque to the nut.

- Reuse the existing manual plate, lock washer, and nut.
- Nut torque: 22.5 N•m (2.29 Kg-m, **16.6 ft-lb.**)

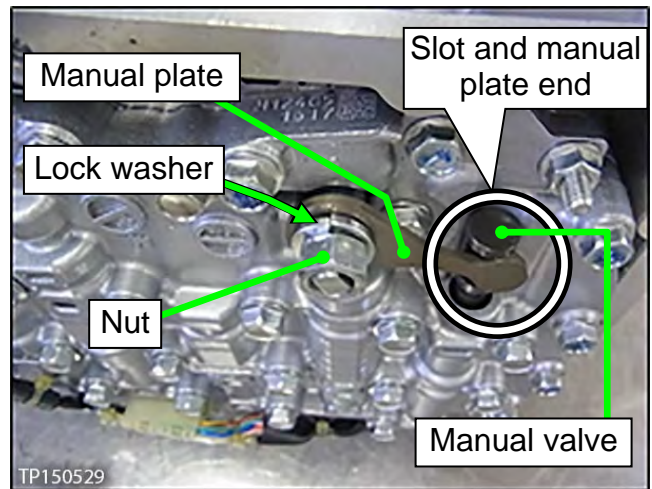


Figure 28

9. Clean the original oil pan and magnets with a suitable cleaner. Visible debris should not be present at re-assembly.

10. Reassemble the original magnets to the pan.

NOTE: Return the magnets to their original locations.

11. Install a new oil pan gasket to the pan.

12. Install the oil pan bolts (see Figure 29).

- Reuse the existing pan bolts.
- Oil pan bolts torque: 8.0 N•m, (0.81 Kg-m, **70.8 in-lb.**)

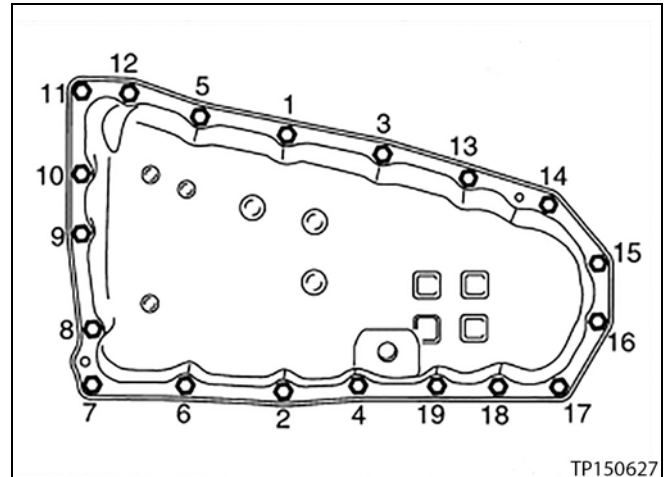


Figure 29

13. Install a new drain washer to the drain plug on the oil pan.

14. Fill the CVT assembly with NS-3 CVT fluid or equivalent.

- Refer to the ESM, section **TM – Transaxle & Transmission / RE0F10D**, for CVT fluid filling.

TCM Reprogram and Additional Service

The following must be done in this order:

1. TCM Reprogram, if needed.
 - Refer to step 6 in the TCM Reprogram section (page 22) to confirm if reprogramming is needed.

2. Additional Service:

For Transaxle Assembly Replacement

- Perform **ADDITIONAL SERVICE WHEN REPLACING TRANSAXLE ASSEMBLY**.
- Refer to TM – Transaxle & Transmission / RE0F10D / BASIC INSPECTION.
- Additional service includes “Write IP Characteristics to the TCM”. NTB12-103 will be helpful.

For Valve Body Replacement:

- Perform **ADDITIONAL SERVICE WHEN REPLACING CONTROL VALVE**.
- Refer to TM – Transaxle & Transmission / RE0F10D / BASIC INSPECTION.
- Additional service includes “Write IP Characteristics to the TCM”. Refer to NTB12-103.
- Make sure to attach the QR label with the new calibration data onto the transmission range switch (inhibitor switch); see Figures 30 and 31.
- A QR Label and CD-R are included with the replacement valve body.

3. Confirm DTCs are erased.

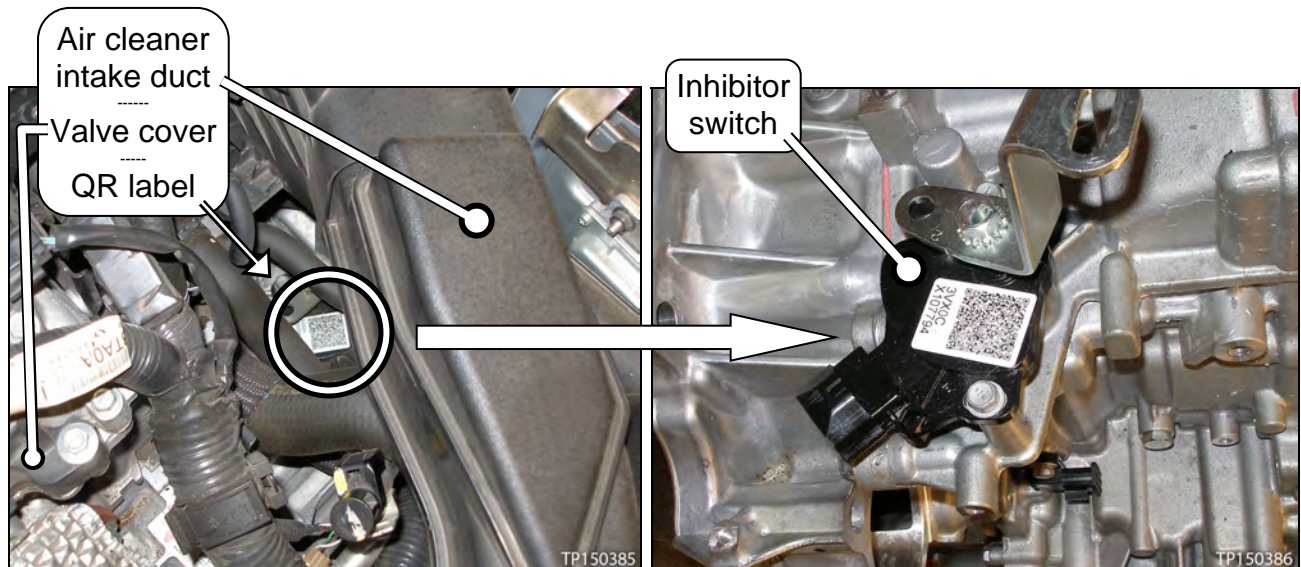


Figure 30

Figure 31

4. Before releasing vehicle to the customer, check for fluid leaks.

TCM Reprogramming

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All C-III plus software updates (if any) have been installed.

NOTE:

- Most instructions for reprogramming with C-III plus are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "CONSULT-III plus Reprogramming" general procedure.

CAUTION:

- Connect the GR8 to the vehicle battery, set to "power supply" mode. If the vehicle battery voltage drops below 12.0V or rises above 15.5V during reprogramming, the TCM may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the TCM may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the TCM may be damaged.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the plus VI. If Bluetooth® signal waves are within range of the CONSULT PC and the plus VI during reprogramming, reprogramming may be interrupted and the TCM may be damaged.

1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.
2. Start C-III plus.
3. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
4. Select **Re/programming, Configuration**.

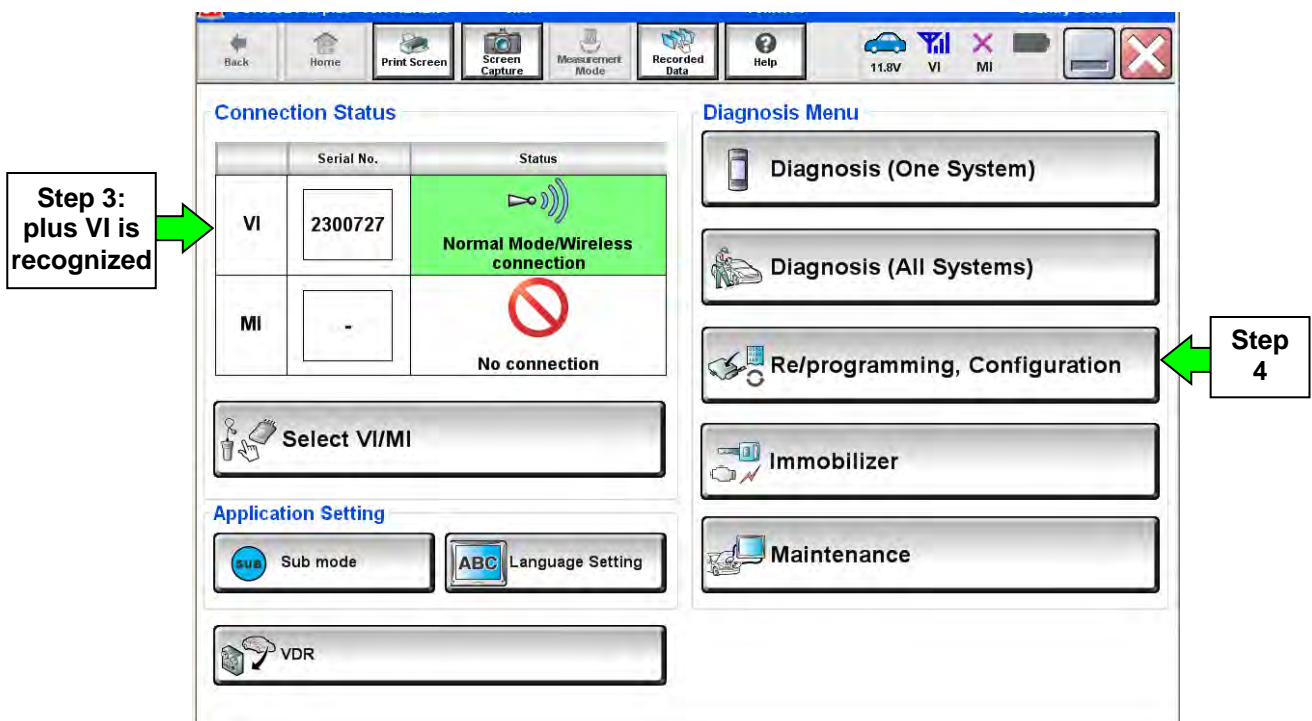


Figure 1B

5. Follow the on-screen instructions and navigate the C-III plus to the screen shown in Figure 2B on the next page.

6. When you get to the screen shown in Figure 2B, confirm this bulletin applies as follows.

A. Find the TCM **Part Number** and write it on the repair order.

NOTE: This is the current TCM Part Number (P/N).

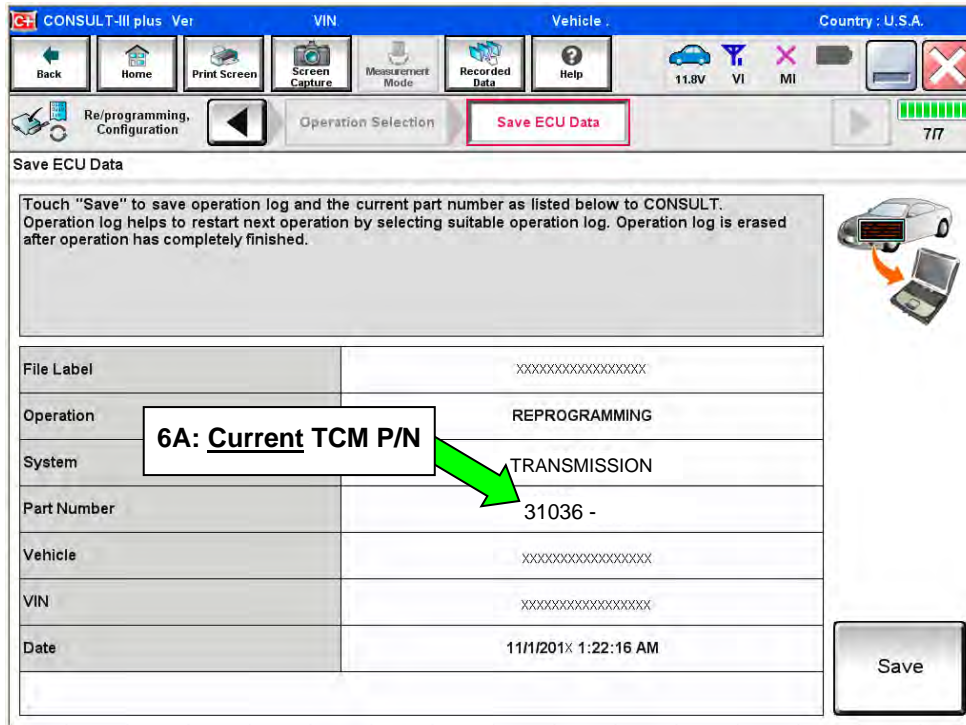


Figure 2B

B. Compare the P/N you wrote down to the numbers in the **Current TCM Part Number** column in **Table A** below.

- If there is a match, continue with the reprogramming procedure.
- If there is not a match, reprogramming is not needed.

Table A

MODEL	MODEL YEAR	CURRENT TCM PART NUMBER BEFORE REPROGRAMMING: 31036 -
Altima (4-cyl engine only)	2013	3TA0A, 3TA4A 3TA4B 3TA4C, 3TA9C 3TY0A, 3TY1A 3TY0B, 3TY1B 3TY0C, 3TY1C 3TY0D, 3TY1D
Altima (4-cyl engine only)	2014	9HM0A, 9HM0C, 9HM0D, 9HM0E 9HM3A, 9HM3B

7. Follow the on-screen instructions to navigate C-III plus and reprogram the TCM.

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - If more than one new P/N is available, the screen in Figure 3B displays.
 - Select and use the reprogramming option that **does not** have the message “Caution! Use ONLY with NTBXX-XXX”.
- If you get this screen and it is blank (no reprogramming listed), it means there is no reprogramming available for this vehicle.

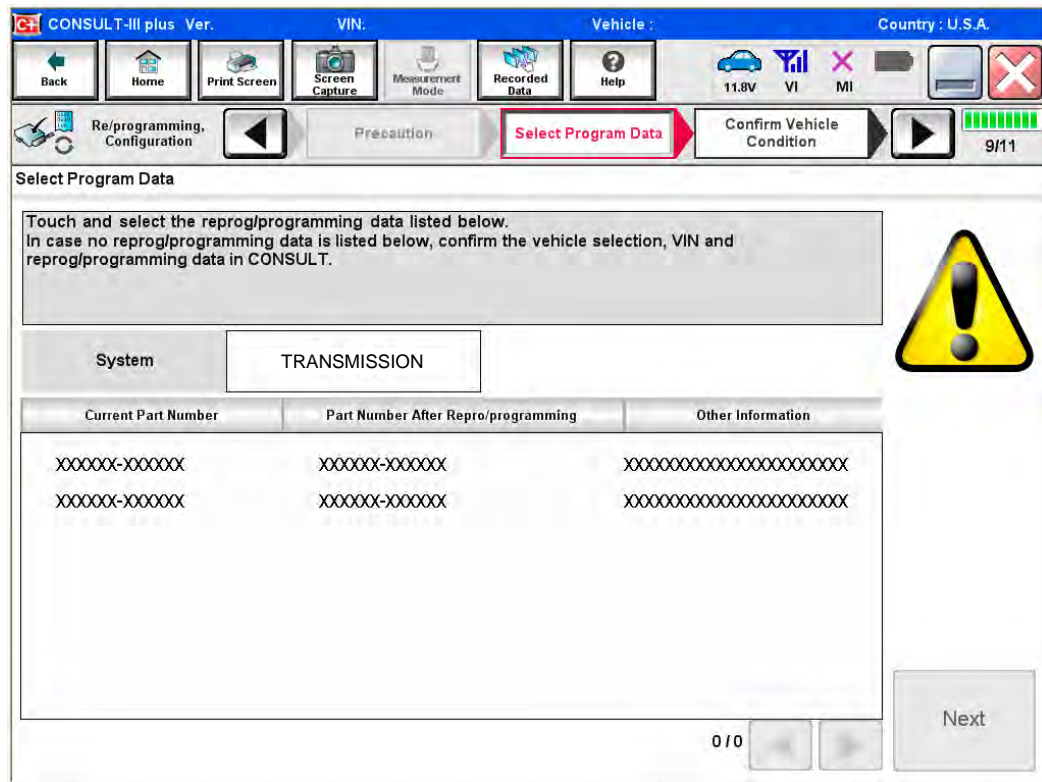


Figure 3B

8. When the screen in Figure 4B displays, reprogramming is complete.

NOTE: If the screen in Figure 4B does not display (indicating that reprogramming did not complete), refer to the information on the next page.

9. Disconnect the battery charger from the vehicle.

10. Select **Next**.

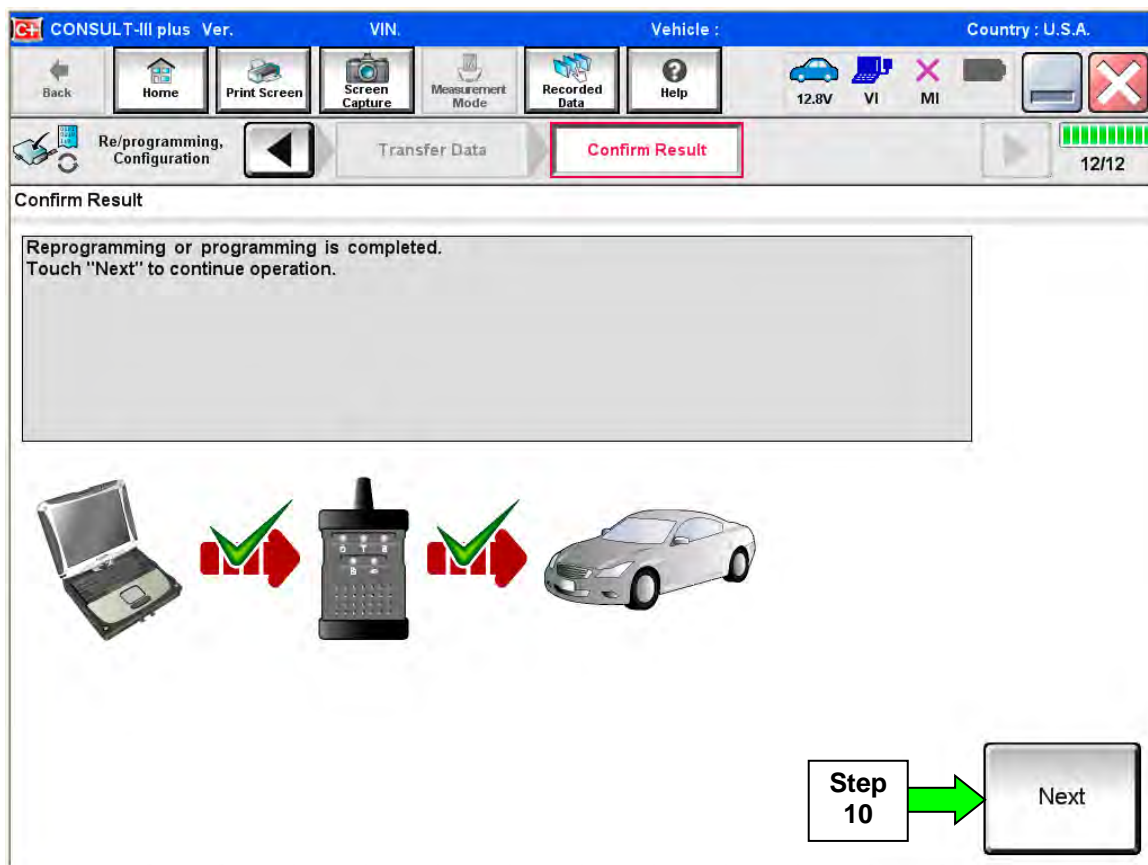


Figure 4B

NOTE:

- In the next step (page 26) you will perform **Erase All DTCs**.
- DTC erase is required before C-III plus will provide the final reprogramming confirmation report.

TCM Recovery:

Do not disconnect plus VI or shut down C-III plus if reprogramming does not complete.

If reprogramming does not complete and the “!?” icon displays as shown in Figure 5B:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth® devices are OFF.
- All electrical loads are OFF.
- **Select retry and follow the on screen instructions.**
- “Retry” may not go through on first attempt and can be selected more than once.

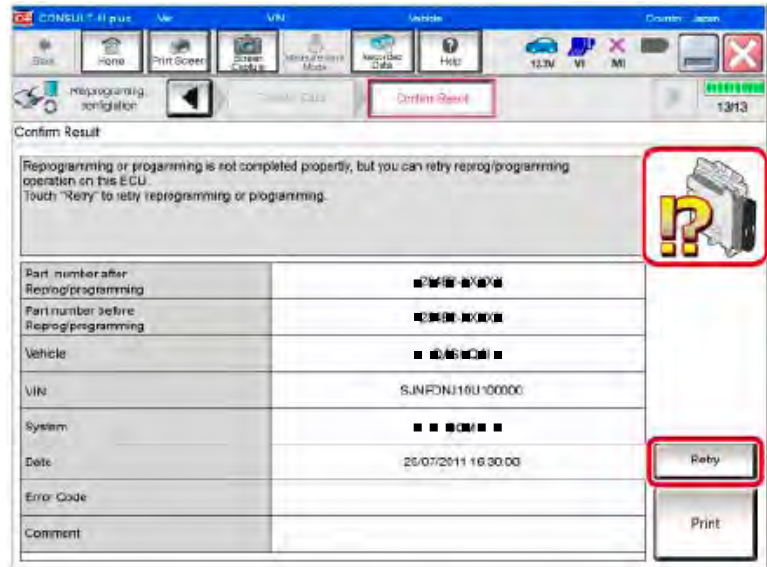


Figure 5B

If reprogramming does not complete and the “X” icon displays as shown in Figure 6B:

- Check battery voltage (12.0 – 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- **Select Home, and restart the reprogram procedure from the beginning.**

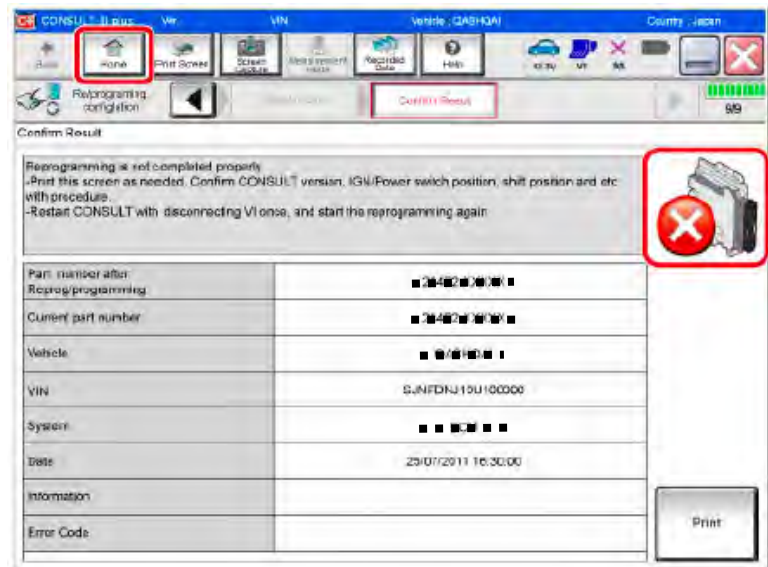


Figure 6B

11. Follow the on-screen instructions to **Erase All DTCs**.
12. When the entire reprogramming process is complete, the screen in Figure 7B will display.
13. Verify the before and after part numbers are different.
14. Print a copy of this screen (Figure 7B) and attach it to the repair order for warranty documentation.
15. Select **Confirm**.

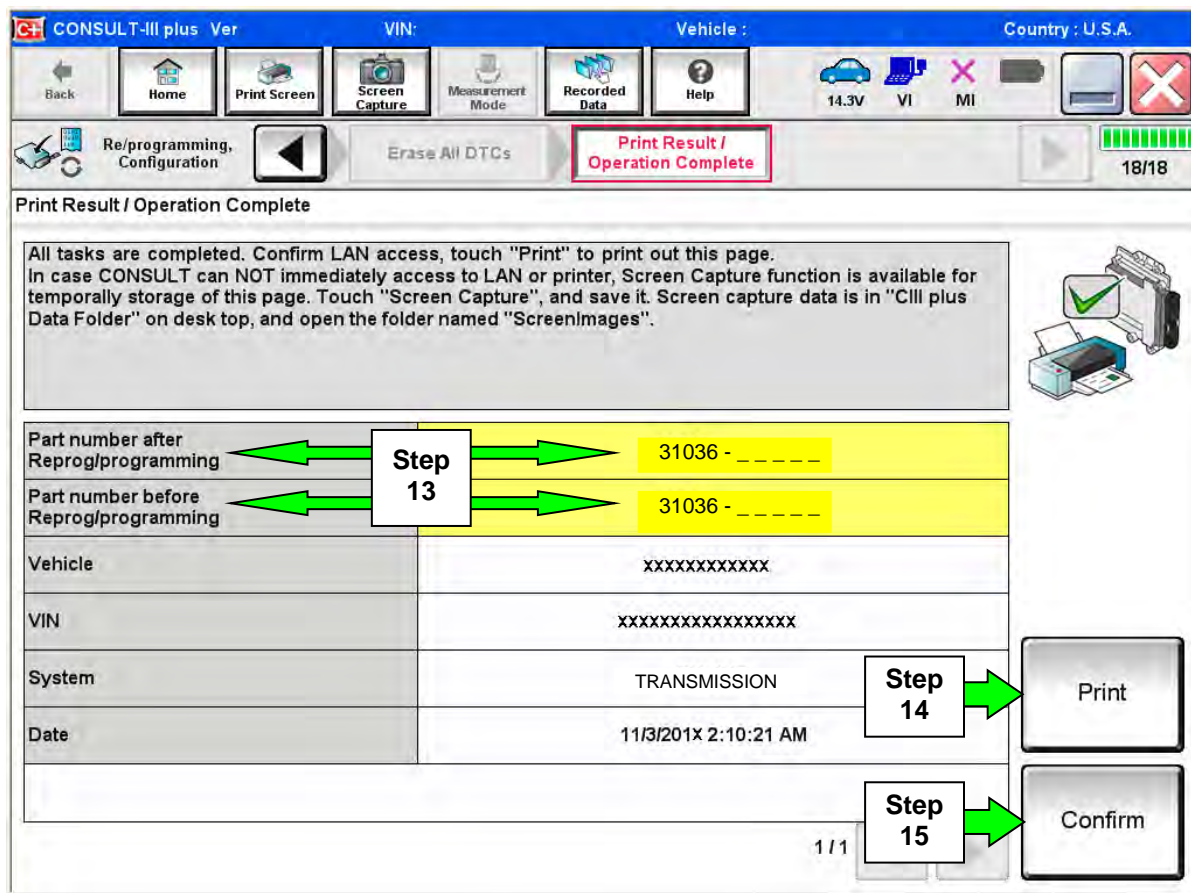


Figure 7B

16. Return C-III plus to the Home screen.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
CVT ASSEMBLY (1)	(2)	1
VALVE ASSEMBLY KIT-CONTROL (valve body)	31705-28X9B	1
Valve Assembly Kit-Control includes:		
VALVE ASSEMBLY-CONTROL (3)		1
STRAINER ASSY-OIL AUTO TRANS		1
GASKET-OIL PAN		1
BRACKET (for temperature sensor)		1
BAND (zip tie for sensor bracket)		1
SEAL-LIP		1
SEAL, O-RING (fluid filler plug gasket)		1
WASHER-DRAIN	11026-JA00A	1
NS-3 CVT Fluid (4) (5)	999MP-NS300P	As needed
Lens Swab (6)	J-51963 (Shop supply)	As needed

- (1) If the CVT assembly is being replaced, no other parts in the table above, except NS-3 CVT fluid or equivalent, are needed.
- (2) Refer to the electronic parts catalog (FAST or equivalent) for the correct part number.
- (3) Includes QR Label and CD-R.
- (4) For warranty repairs, Nissan NS-3 CVT Fluid **must** be used. For customer pay repairs, Nissan NS-3 CVT Fluid or an equivalent is recommended.
- (5) NS-3 CVT Fluid can be ordered through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621) or Website: Order via link on dealer portal www.NNAnet.com and click on the "Maintenance Advantage" link.
- (6) Lens swabs are available from Tech•Mate online: www.nissantechmate.com, or by phone: 1-800-662-2001.

Tech Cam J-51951

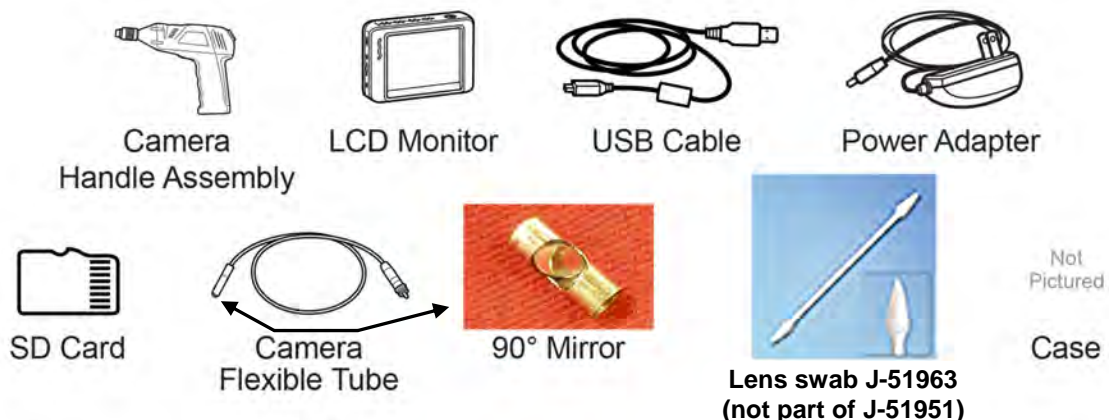


Figure 32

Additional kits and components of Tech Cam J-51951 are available from Tech•Mate online: www.nissantechmate.com, or by phone: 1-800-662-2001.

CLAIMS INFORMATION

NOTE: Refer to CVT Assembly Replacement Approval Procedures (on page 31) before submitting a claim.

Submit a Primary Part (PP) type line claim using the following claims coding:

If DTC P17F0 is stored

MODEL	DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Altima	CVT R&R	(1)	JD01AA JD023A	(2)	(2)	(3)
	CVT TROUBLE DIAGNOSIS		JX22AA			0.5

- (1) Reference the electronic Parts Catalog (FAST or equivalent) and use the CVT assembly part number for the vehicle being repaired as the Primary Failed Part.
- (2) Use the Symptom and Diagnostic codes that apply to the repair actually performed.
- (3) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

And; if TCM requires reprogramming

OPERATION	PFP	OP CODE	SYM	DIAG	FRT
TCM Reprogramming	(4)	JE99AA	ZE	32	(5)

- (4) Refer to the electronic parts catalog (FAST or equivalent) and use the TCM part number (31036 - *****) as the PFP.
- (5) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

CLAIMS INFORMATION is continued on the next page.

If DTC P17F1 is stored and Control Valve is replaced (belt inspection shows no signs of belt slip, OK)

MODEL	DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Altima	RPL CVT CONTROL VALVE ASSY	(1)	JD48AA	ZE	32	(2)

(1) Reference the Parts Information Table and use the applicable Control Valve Assembly Part Number (31705-*****) as the Primary Failed Part.

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

and

MODEL	DESCRIPTION	OP CODE	FRT
Altima	Inspect CVT Belt, Belt = OK	JX37AA	0.3

And; if TCM requires reprogramming

OPERATION	PFP	OP CODE	SYM	DIAG	FRT
TCM Reprogramming	(3)	JE99AA	ZE	32	(4)

(3) Refer to the electronic parts catalog (FAST or equivalent) and use the TCM part number (31036 - *****) as the PFP.

(4) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

CLAIMS INFORMATION is continued on the next page.

If DTC P17F1 is stored and belt inspection shows signs of Belt slip (NG) CVT is replaced

MODEL	DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Altima	CVT R&R	(1)	JD01AA JD023A	ZE	32	(2)
	CVT TROUBLE DIAGNOSIS		JX22AA			0.5

(1) Reference the electronic Parts Catalog (FAST or equivalent) and use the CVT assembly part number for the vehicle being repaired as the Primary Failed Part.

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

and

MODEL	DESCRIPTION	OP CODE	FRT
Altima	Inspect CVT Belt, Belt = NG (includes control valve R&I)	JX36AA	2.2

And; if TCM requires reprogramming

OPERATION	PFP	OP CODE	SYM	DIAG	FRT
TCM Reprogramming	(3)	JE99AA	ZE	32	(4)

(3) Refer to the electronic parts catalog (FAST or equivalent) and use the TCM part number (31036 - *****) as the PFP.

(4) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

NOTE: FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any diagnostic OP Codes with this claim.

CVT Assembly Replacement Approval Procedures

- If P17F0 is stored for CVT replacement:
 - a. Complete the Powertrain Call Center (PCC) CVT Preauthorization Form in ASIST.
 - b. Attach the C-III plus screen printouts showing the VIN and DTC to the Preauthorization Form.
 - c. Call the PCC for authorization at **800-973-9992 (opt 2)**.

- If P17F1 is stored and CVT belt inspection indicates **CVT assembly** replacement is required:
 - a. Complete the PCC CVT Preauthorization Form in ASIST.
 - b. Attach the C-III plus screen printouts showing the VIN and DTC to the Preauthorization Form.
 - c. Attach the required video (15 seconds or less) to the CVT Preauthorization Form.
 - Failure to submit a continuous video showing evidence of belt slip and the VIN will cause immediate denial of request for CVT unit replacement.
 - d. Call the PCC for authorization at **800-973-9992 (opt 2)**.

IMPORTANT: Make sure the video has a clear image of the VIN on the F.M.V.S.S. certification label (VIN label).