



# TECHNICAL SERVICE BULLETIN

Classification: EC25-012	Reference: NTB25-064	Date: December 15, 2025
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## MIL ON WITH DTCS P05D8 AND P05D9 STORED IN THE ECM

**APPLIED VEHICLES:** 2024-2025 Rogue (T33)  
**APPLIED DATES:** VINs starting with 5N1 built on or before January 21, 2025  
VINs starting with JN8 built on or before November 17, 2024  
**APPLIED ENGINES:** KR15DDT

### IF YOU CONFIRM

The MIL is ON with DTCS P05D8 for “PCV Regulator Valve Control Circuit/Open” and P05D9 for “PCV Regulator Valve Control Circuit Low” stored in the ECM,

### AND

The wiring harness, for wiring harness connector F130, is severed at the Crank Case Ventilation Valve under the Engine Cover.

### ACTION

Follow the **SERVICE PROCEDURE** starting on page 3 to repair the wiring harness.

**IMPORTANT:** The purpose of **ACTION** (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.

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.

## REQUIRED SPECIAL TOOL(S)

New or replacement Essential Tools are available from Tech•Mate online: [techmatetools.com](http://techmatetools.com), or by phone: 1-833-397-3493.

### HL2020E Heat Gun (NI-53359)



Figure 1

- #5 Adapter, from heat gun kit (Figure 2).



Figure 2

## SERVICE PROCEDURE

1. Open the vehicle hood and remove the Engine Cover.

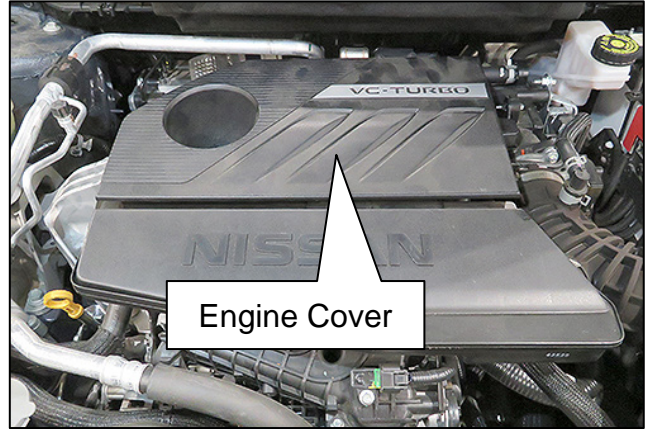


Figure 3

2. Disconnect the F130 wiring harness connector from the Crank Case Ventilation Valve, and then detach the associated harness clip.

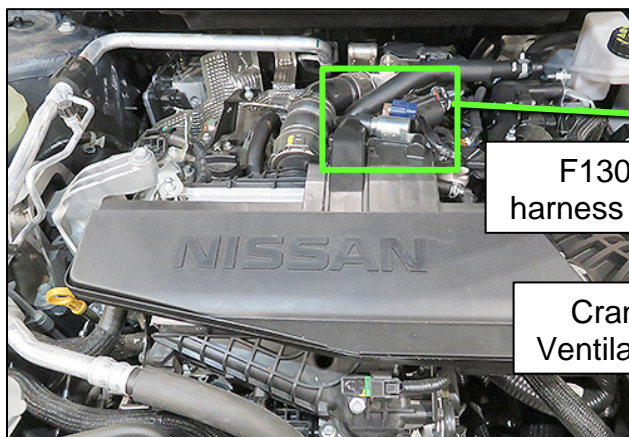


Figure 4

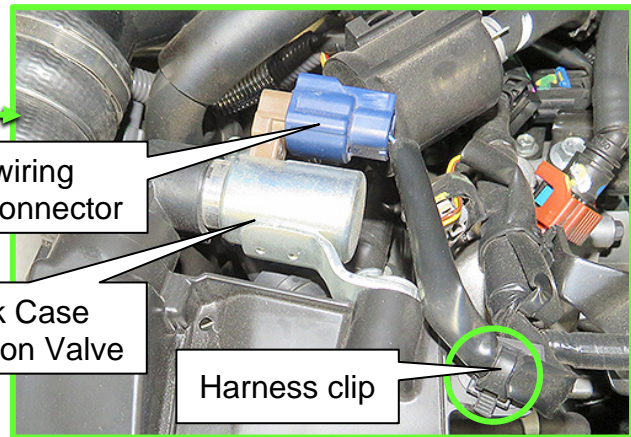


Figure 5

3. Measure 75 mm of harness from the end of the F130 wiring harness connector, as shown in Figure 6, and cut through the insulation and both wires.
  - Save the harness insulation (covering) from the removed portion of the harness.

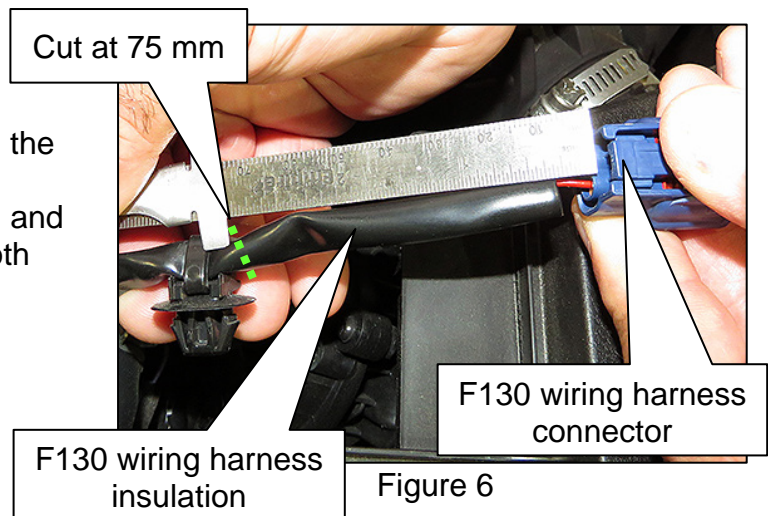


Figure 6

4. Remove the old harness clip from the severed wiring harness.

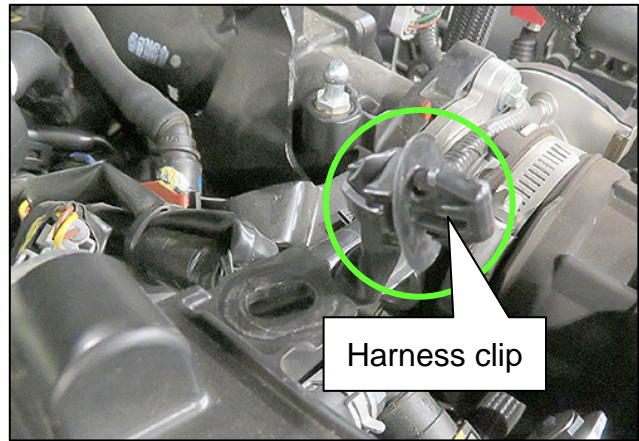


Figure 7

5. Cut the two (2) repair kit wire lengths to 90 mm (Figure 8).
  - Measured from end of weather pack.

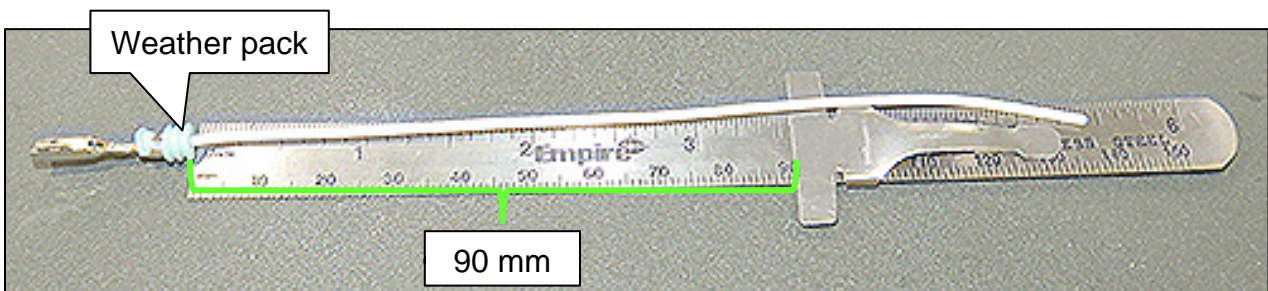


Figure 8

6. Cut the harness insulation down the middle approximately 50 mm, where shown in Figure 10.
7. Remove approximately 10 mm of insulation from the four (4) wires that are to be joined (Figure 9 and Figure 10).

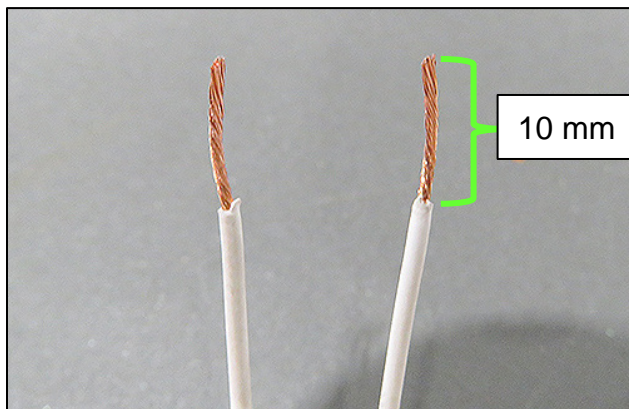


Figure 9

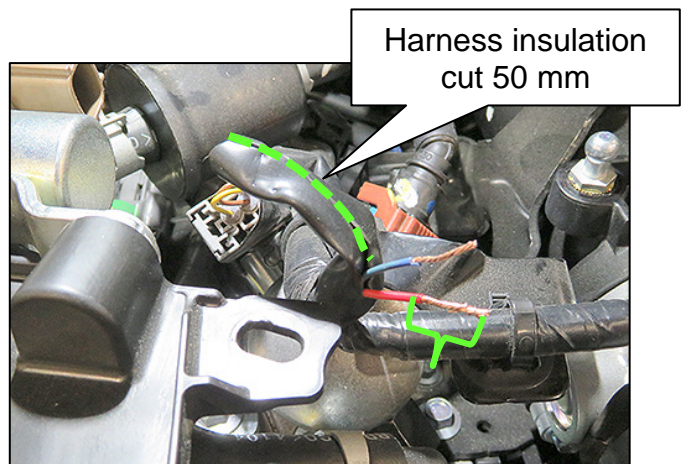


Figure 10

For steps 8-12, connect one wire at a time.

**NOTICE**

Do not use a direct contact electric type soldering tool. An electric type soldering tool may generate a current that may damage the vehicle's control units.

8. Place a red solder sleeve onto one of the wires of the new harness connector.
  - The solder sleeve connectors are listed in the **PARTS INFORMATION** section of this bulletin on the last page.

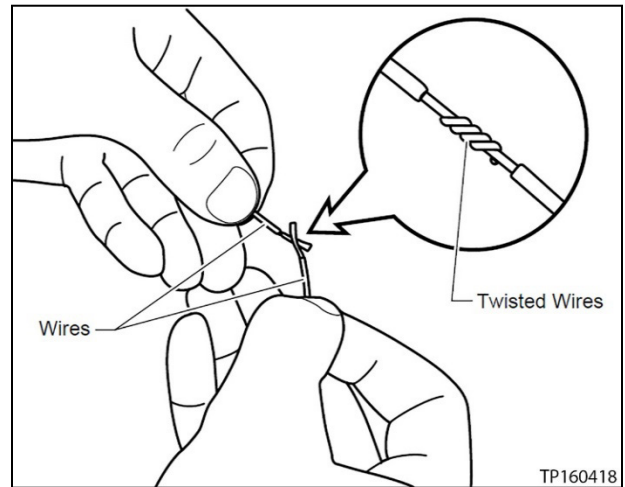


Figure 11

9. Twist the new harness connector wire (with solder sleeve) together with one of the F130 wiring harness wires that was stripped in step 7.
  - Refer to Figure 11 for an example of twisting wires.

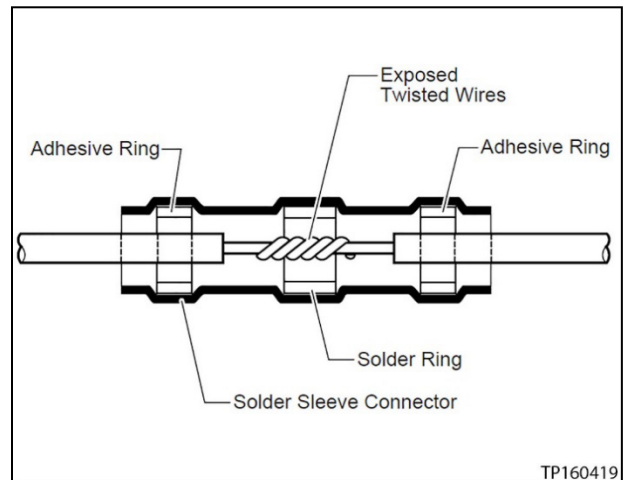


Figure 12

10. Slide the red solder sleeve over the twisted pair and position it so that the solder ring is over the two twisted wires as shown in Figure 12.

11. To prevent any damage to surrounding components, place a water dampened shop towel (or other heat-resistant covering) below the work area.

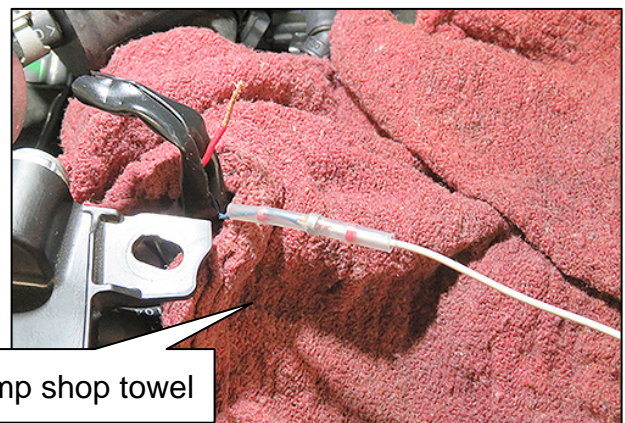


Figure 13

12. Install the solder sleeve connector by shrinking it to the wire with essential tool HL2020E Heat Gun (NI-53359) or equivalent flameless heating tool (place attachment nozzle 5 onto the HL2020E Heat Gun).
  - Set the HL2020E Heat Gun airflow setting to 2 and the temperature to 450 degrees Fahrenheit (232 °C).

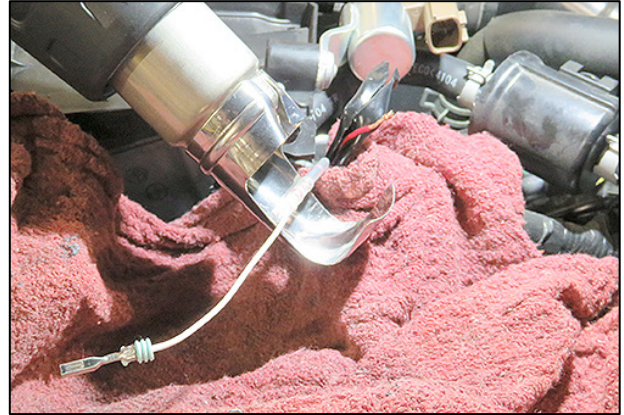


Figure 14

**Installing the solder sleeve connector will:**

- Melt the solder (silver ring inside the solder sleeve connector) into the exposed twisted wire area.
- Melt the sealant (red rings inside the solder sleeve connector) onto the wires.
- Shrink the remainder of the solder sleeve connector to the wire.

**HINT:** Tool NI-53359 can be purchased from Tech•Mate at 1-833-397-3493 or at [techmatetools.com](http://techmatetools.com).

13. Perform steps 8-12 on the remaining wire, and then proceed to step 14.
  - Figure 15 is shown with all solder connections completed.

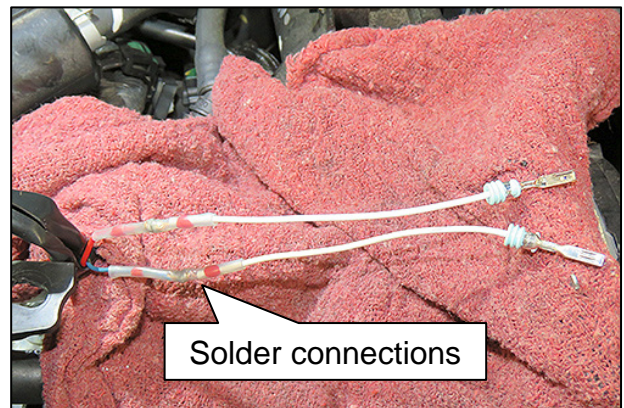


Figure 15

14. Locate the repair kit wire that was soldered-sleeved to the blue wire of the vehicle's wiring harness, and then mark it to ensure the correct pin locations (Figure 16).

- A felt marker can be used to mark repair kit wire.

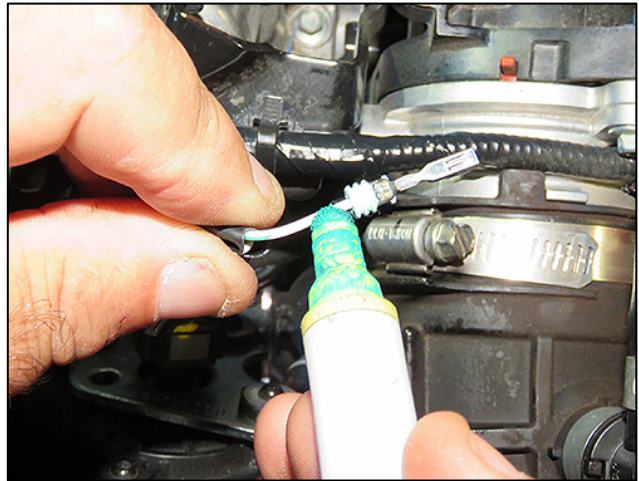


Figure 16

15. Reinstall the harness insulation that was cut in step 6 on page 4 over the vehicle wiring harness.

16. Reinstall the harness insulation saved from step 3 on page 3 over both repair kit wires.

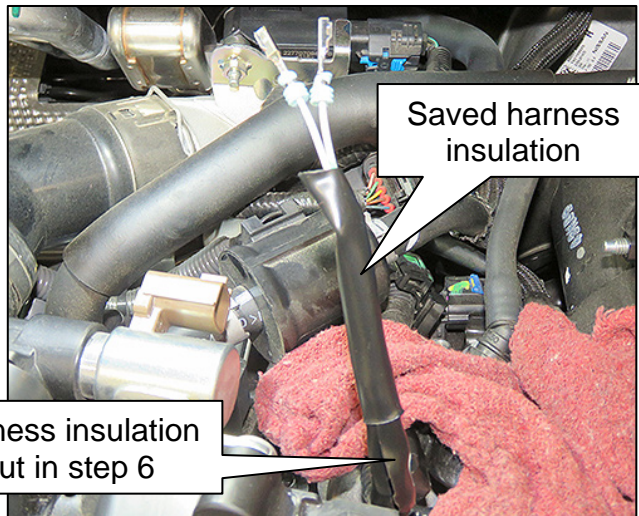


Figure 17

17. Wrap both the saved harness insulation and the cut harness insulation together with electrical tape, as shown in Figure 18.

- Wrap electrical tape such that it completely covers the cut made in the harness insulation in step 6 on page 4.

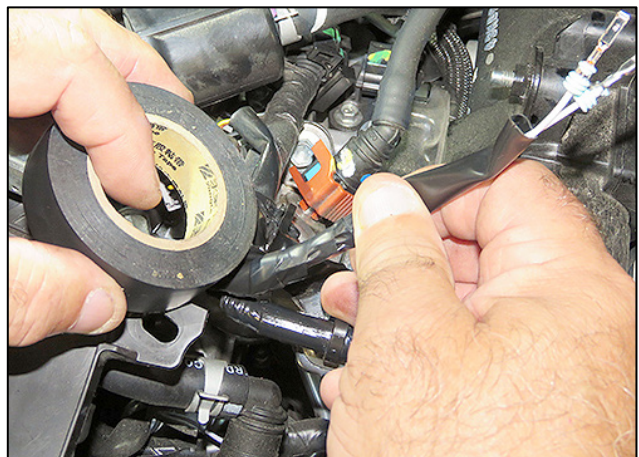
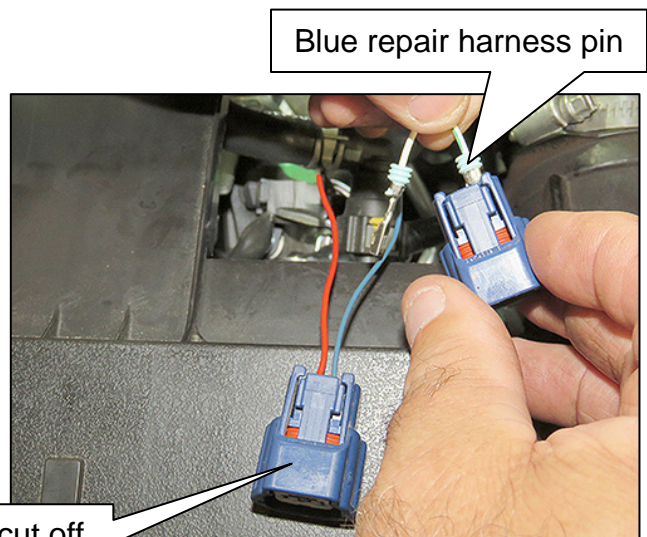


Figure 18

18. Insert the blue repair harness pin into the new connector using the mark from step 14 on page 7, and then insert the red connector (Figure 19). Confirm they are secured with audible click.

**HINT:** Use the original cut off wiring harness connector for location reference.



Original cut off wiring harness

Figure 19

19. Insert the connector cover into the harness insulation, and then snap it into place into the back of the harness connector. Confirm it is secured with an audible click.

· Refer to **PARTS INFORMATION**

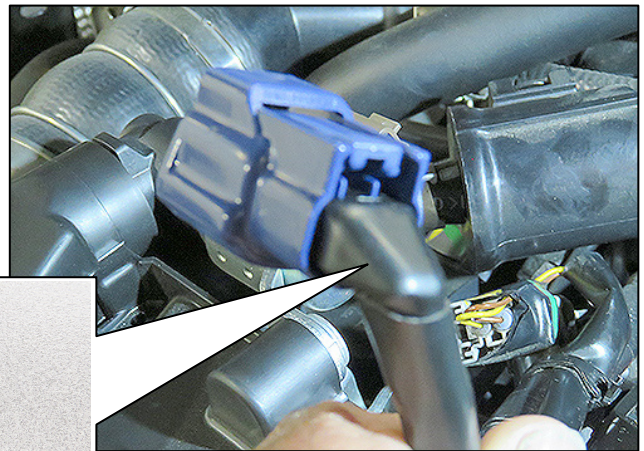
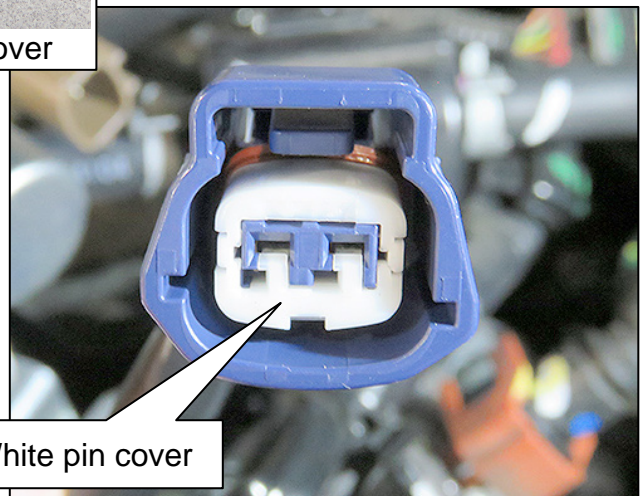


Figure 20



Connector cover

20. Insert the white pin cover onto the front of the connector, and then confirm it is secured with an audible click (Figure 21).



White pin cover

Figure 21

21. Install the new CLIP HARNESS (zip tie clip) as shown in Figure 22.

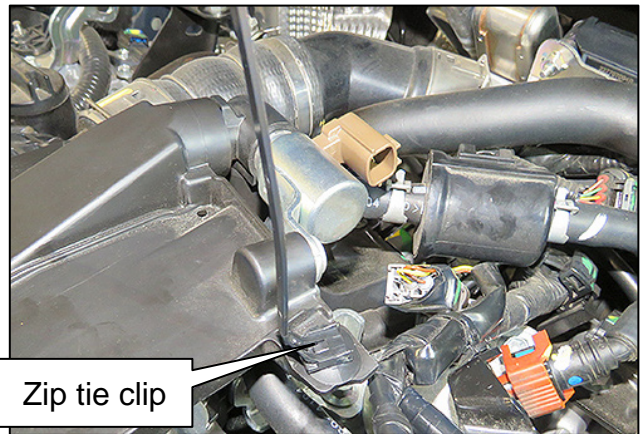


Figure 22

22. Reconnect the F130 wiring harness connector to the Crank Case Ventilation Valve.

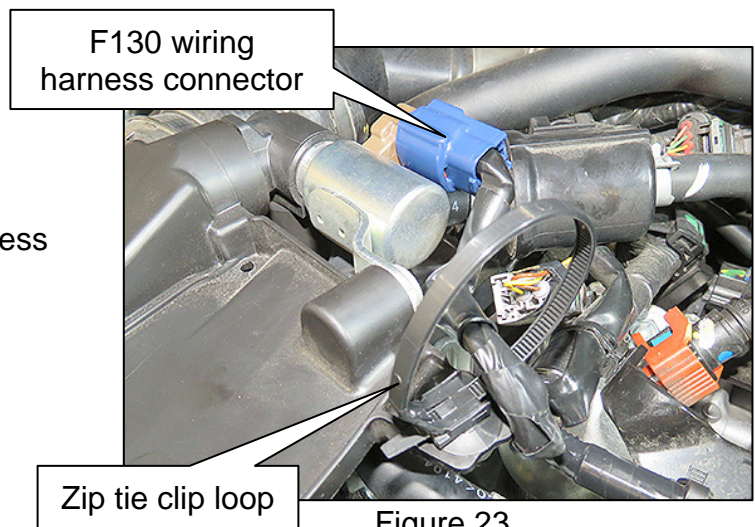


Figure 23

23. Loop the zip tie clip around the F130 wiring harness (Figure 23).

24. Draw the zip-tie clip tight, and then trim off the excess, as shown in Figure 24.

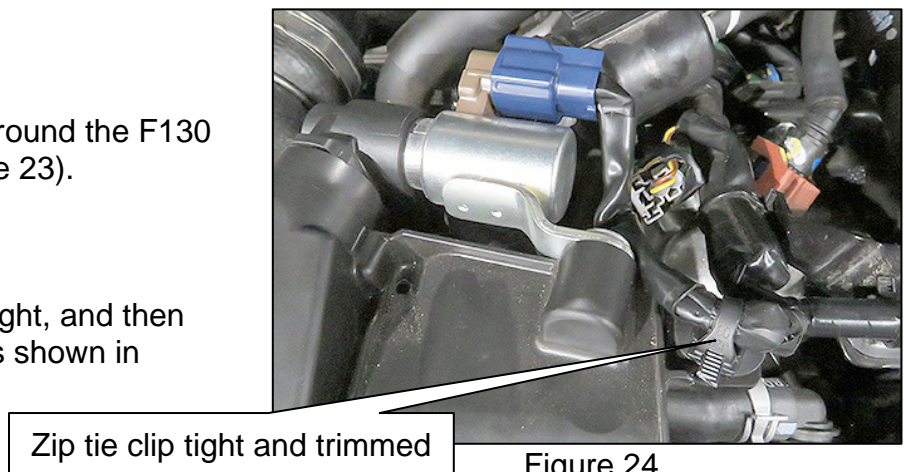


Figure 24

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
CONN KIT 1 (F130 connector)	24008-9DN6E	1 If needed
COVER CONNECTOR (Connector cover)	24345-0M21B	1 If needed
CLIP HARNESS	24225-C9901	1 If needed
SOLDER SLEEVE RED (Solder sleeve)	24HRK-9002R	2 If needed

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Repair Crank Case Ventilation Valve Wiring Harness DTC P05D8/P05D9	(1)	RXJ9AA	ZE	6B	0.5

- (1) Reference the electronic parts catalog and use the EGI Harness (24011-\*\*\*\*\*) as the Primary Failed Part (**PFP**).

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
December 15, 2025	NTB25-064	Original bulletin published