

TECHNICAL SERVICE BULLETIN

Classification:	Reference:	Date:
AN26-004	ITB26-010	August 14, 2026

IVI AUDIO DISPLAY SCREEN FLICKERING

APPLIED VEHICLES: 2025-2026 QX80 (Z63)

IF YOU CONFIRM

The right side of the Display Unit (infotainment display) is flickering or glitching,

AND

No DTCs are stored in the Display ECU,

AND

All wiring harness connections are fully seated to the AV Control Unit and the Display Unit.

ACTION

Refer to the **SERVICE PROCEDURE** in this bulletin to replace the CABLE-LVDS (AV Control Unit to Display Unit LVDS Cable) starting on page 2.

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 Infiniti retailer to determine if this applies to your vehicle.

SERVICE PROCEDURE

1. Adjust the steering wheel to the lowest position and rearward as far as it will go.
2. Disconnect the vehicle's 12V battery.
 - Refer to the ESM: **ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > REMOVAL AND INSTALLATION > BATTERY**

For the following steps, refer to the ESM as needed: **DRIVER INFORMATION & MULTIMEDIA > METER, WARNING LAMP & INDICATOR > REMOVAL AND INSTALLATION > DISPLAY UNIT**

- The steering wheel and driver air bag will not be removed for this **SERVICE PROCEDURE**.
3. Remove all components and finishers, required to remove the Display Unit.
 - Do not remove the Display Unit until instructed.
 - Do not remove the steering wheel.
 4. Lay a clean towel or shop rag over the top of the steering column to protect the front of the Display Unit from damage (Figure 2).

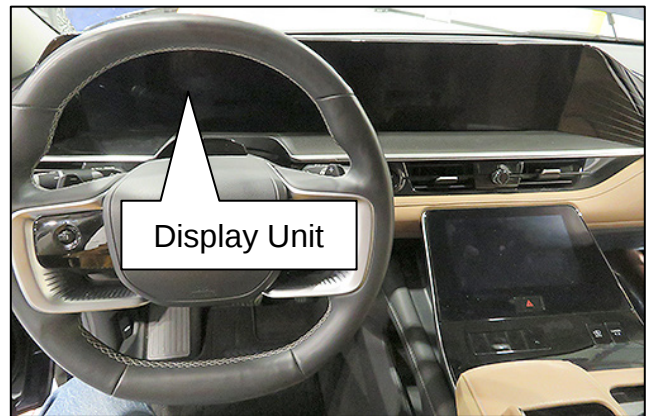


Figure 1

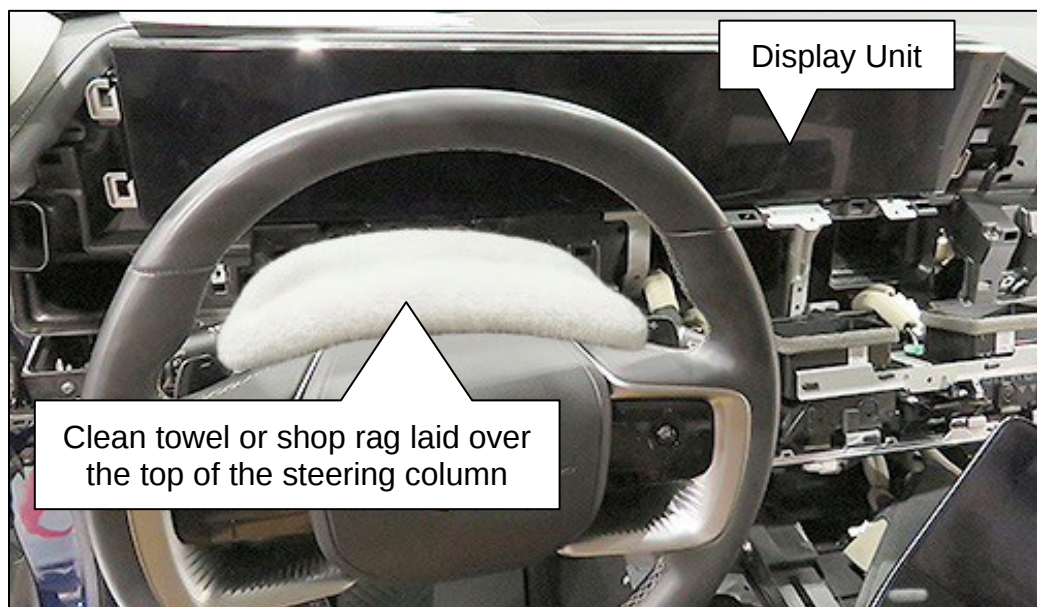


Figure 2

5. Remove the retainer bolts for Display Unit and allow it to gently rest face down (Figure 3).
6. Disconnect the four (4) wiring harness connectors attached to the Display Unit, and then relocate the Display Unit to a safe place out of the way.

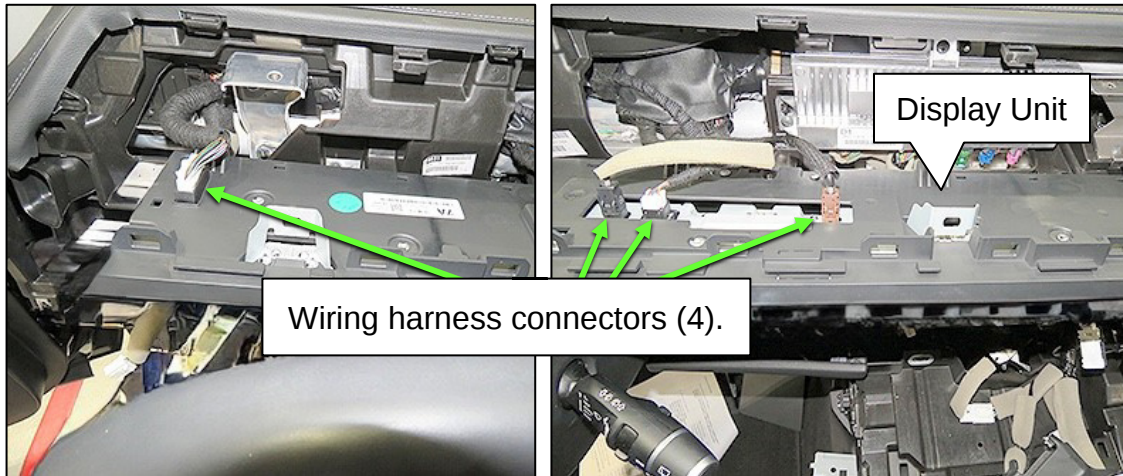


Figure 3

7. Remove the Front Center Console Body Assembly (Center Console).
 - Refer to the ESM:
 - o Without Cool Box
BODY INTERIOR > INSTRUMENT PANEL > REMOVAL AND INSTALLATION > FRONT CENTER CONSOLE ASSEMBLY > WITHOUT COOL BOX
 - o With Cool Box
BODY INTERIOR > INSTRUMENT PANEL > REMOVAL AND INSTALLATION > FRONT CENTER CONSOLE ASSEMBLY > WITH COOL BOX
8. Disconnect the brown LVDS Cable harness connector from the AV Control Unit.

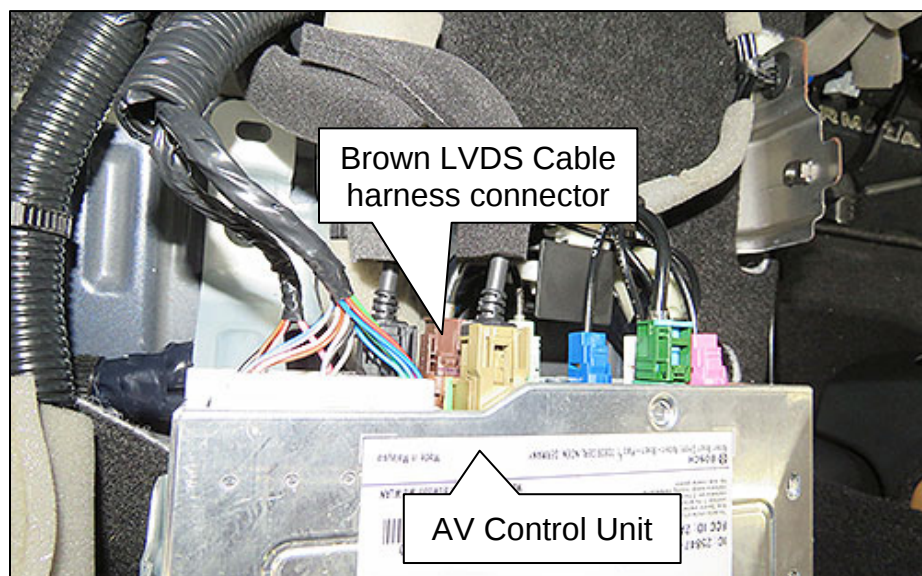


Figure 4

9. Tape both ends of the old LVDS cable, that were disconnected from the Display Unit and from the AV Control Unit, to the vehicle wiring harness.

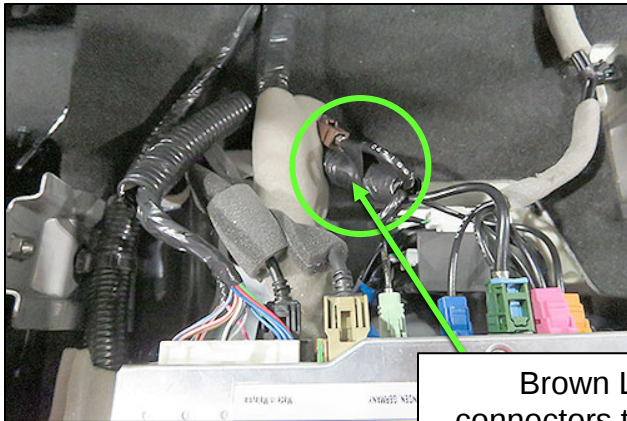


Figure 5

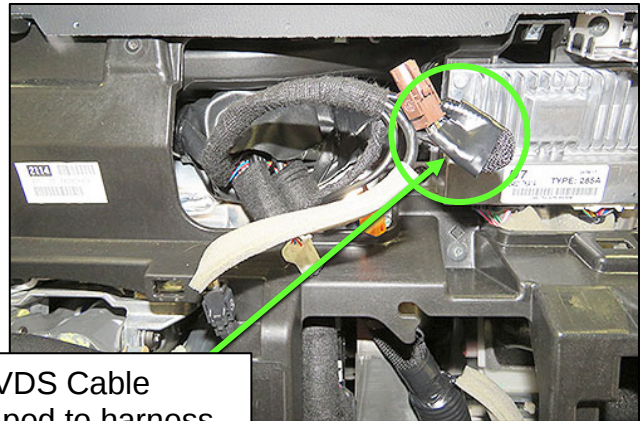


Figure 6

Brown LVDS Cable
connectors taped to harness

Prepare the New AV Control Unit to Display Unit LVDS Cable

10. Attach the “Woven Felt Tape, Adhesive-Backed” (felt tape), and then electrical tape to the new Display Unit LVDS Cable (CABLE-LVDS), where shown in Figure 7 as follows:

- Refer to **PARTS INFORMATION** for the new CABLE-LVDS and Woven Felt Tape, Adhesive-Backed.
- a. Starting 20 mm from the inside end of the AV Control Unit side of the CABLE-LVDS connector (Figure 7), attach the felt tape to the CABLE-LVDS such that it's spiral wrapped around the cable with no gaps for a length of 726 mm.

HINT: Do not overlap the felt tape while spiral wrapping.

- b. Apply the electrical tape at the eight (8) locations shown in Figure 7, starting from the inside end of the AV Control Unit side of the CABLE-LVDS connector.
- o Measurements are to the center of where the electrical tape should be positioned.

HINT: White tape added in Figure 7 to highlight the eight (8) locations where the electrical tape should be placed.

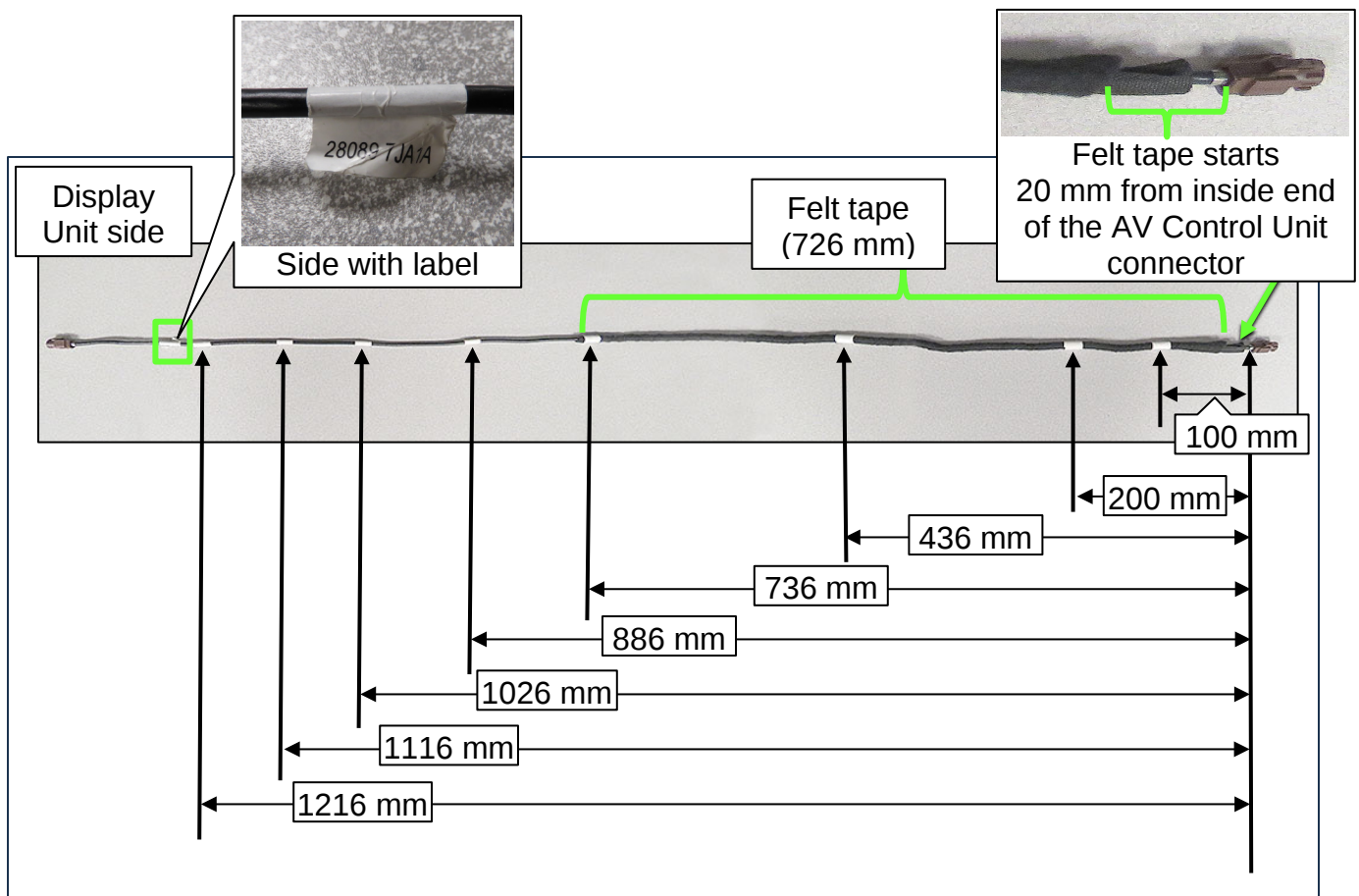


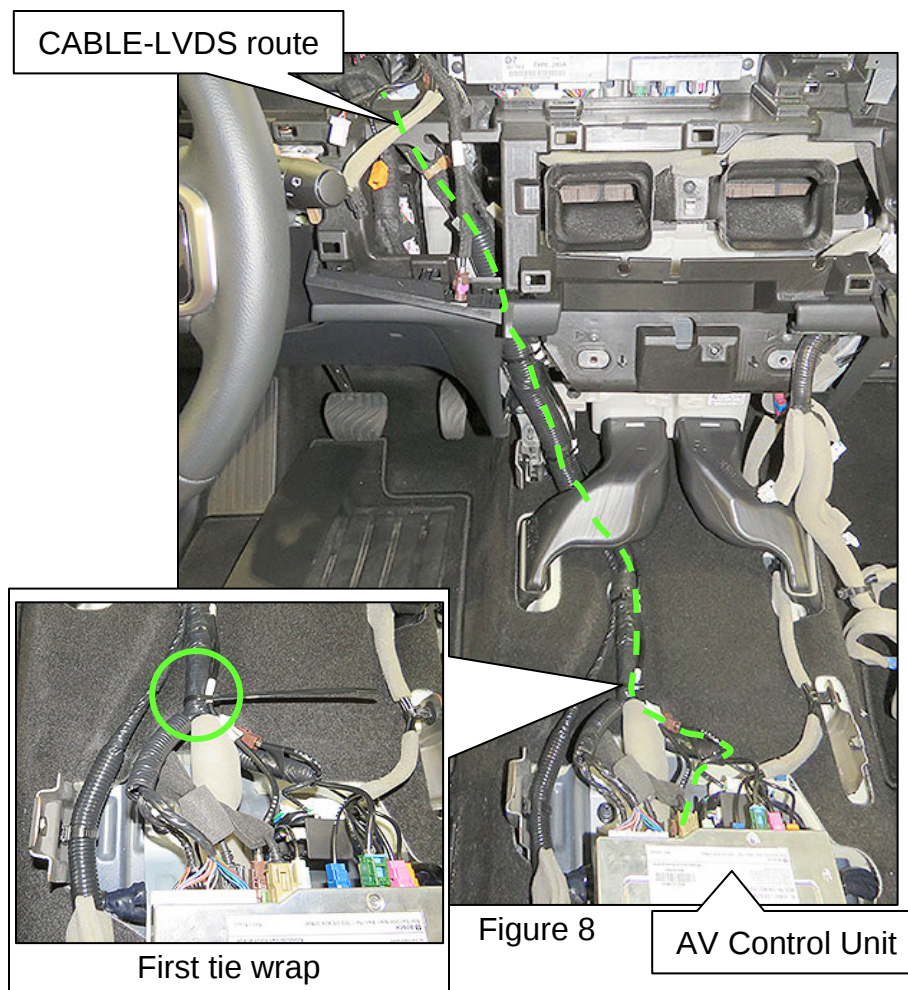
Figure 7

11. Route the CABLE-LVDS along the main wiring harness where shown in Figure 8, and attach it to the Main Wiring Harness as follows:

- a. Connect the AV Control Unit end of the CABLE-LVDS to the AV Control
- b. unit.

HINT: This will be the end without the label (Figure 7 on page 5).

- c. Route the CABLE-LVDS along the Main Wiring Harness.
- d. Starting at the AV Control Unit, attach the first tie wrap loosely around the CABLE-LVDS to the Main Wiring Harness close to the first electrical tape locator.
- e. Position the first electrical tape locator close to where the wiring harness branches, then place the tie wrap in the center of the electrical tape and then tighten the tie wrap.
- f. Individually position the next five (5) tie wraps over the centers of each CABLE-LVDS electrical tape locator, and then tighten each to the Main Wiring Harness.



HINT: The last two (2) tie wraps will be tightened in the opposite direction, and will start with the one closest to the Display Unit.

- g. Starting at the Display Unit end of the CABLE-LVDS, attach the tie wrap loosely around the CABLE-LVDS to the Main Wiring Harness close to the last electrical tape locator.
- h. Position the last electrical tape locator on the CABLE-LVDS close to where the wiring harness branches to individual Display Unit Main Wiring Harness connectors (Figure 9), then place the tie wrap in the center of the electrical tape and then tighten the tie wrap.
- i. Loop the CABLE-LVDS and position it along the Main Wiring Harness, as shown in Figure 9.
- j. Position the second to last electrical tape locator, then place the tie wrap in the center of the electrical tape and then tighten tie wrap.
- k. Cut off the excess tie wrap ends from all eight (8) tie wraps.

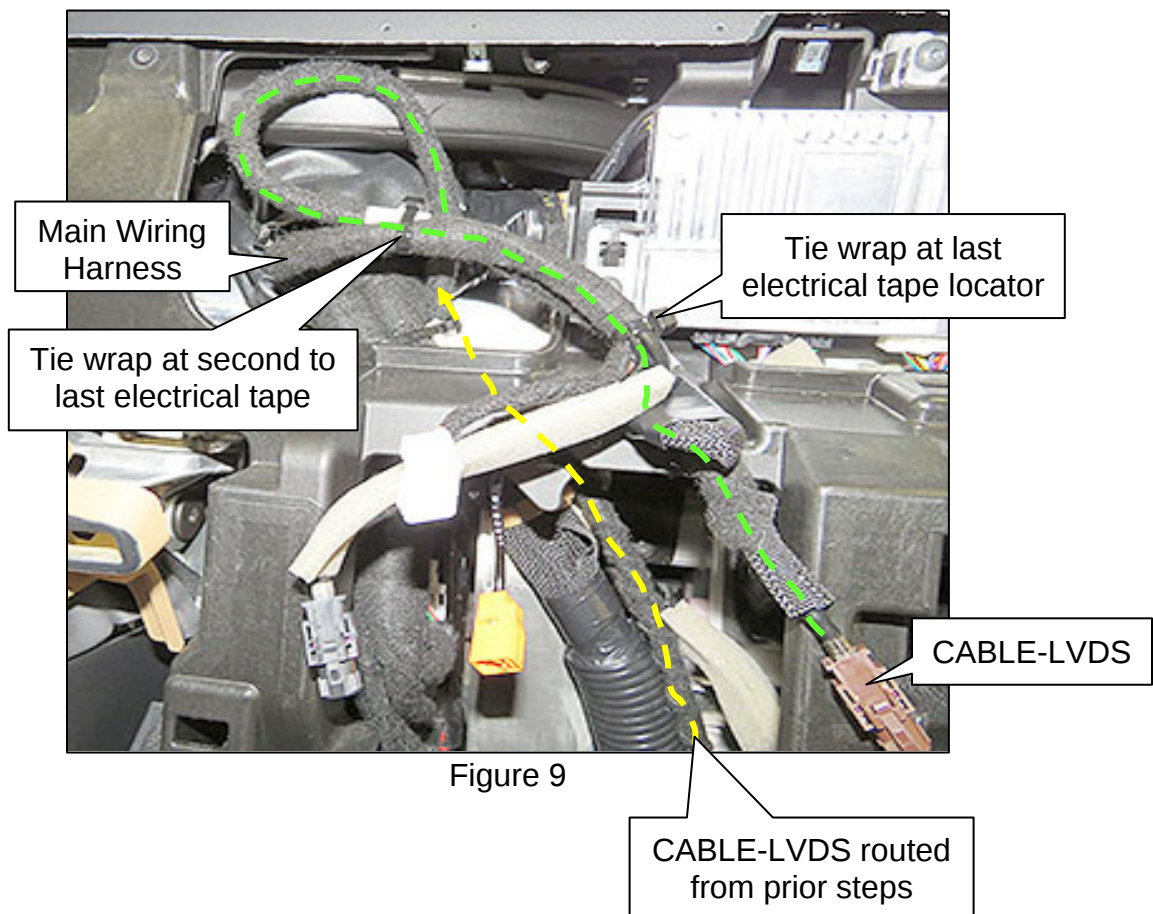


Figure 9

12. Reinstall the Center Console.
 - Refer to the ESM:
 - o Without Cool Box
BODY INTERIOR > INSTRUMENT PANEL > REMOVAL AND INSTALLATION > FRONT CENTER CONSOLE ASSEMBLY > WITHOUT COOL BOX
 - o With Cool Box
BODY INTERIOR > INSTRUMENT PANEL > REMOVAL AND INSTALLATION > FRONT CENTER CONSOLE ASSEMBLY > WITH COOL BOX
13. Reconnect the Display Unit's wiring harness connectors that were disconnected in step 6 on page 3 along with the new CABLE-LVDS connector, and then reinstall the Display Unit.
14. Reassemble the Instrument Panel in the reverse order of disassembly.
 - Refer to the ESM: **BODY INTERIOR > INSTRUMENT PANEL > REMOVAL AND INSTALLATION > INSTRUMENT PANEL ASSEMBLY**
15. Reconnect the vehicle's 12V battery.
16. Return the steering wheel to the client's position.
17. Perform "Additional Service when Removing Battery Negative Terminal".
 - Refer to the ESM: **GENERAL INFORMATION > GENERAL INFORMATION > BASIC INSPECTION > INSPECTION AND ADJUSTMENT > ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
CABLE-LVDS (AV Control Unit to Display Unit LVDS Cable)	28089-7JA1A	1
Woven Felt Tape, Adhesive-Backed (1) (Felt Tape)	NI-50397-5	(2)
Electrical Tape	(3)	As Needed

- (1) This item is found in the Squeak and Rattle Kit, and additional rolls can be sourced through Techmate.
- (2) 1 Roll per vehicle.
- (3) Shop supplies.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install CABLE-LVDS	(1)	RXN1AA	ZE	32	2.0
Install Cable-LVDS w/Cooling Box		RXN2AA			3.1

- (1) Reference the **PARTS INFORMATION** table above and use the LVDS Cable (28089-*****) as the Primary Failed Part (PFP).

EXPENSE CODE

EXPENSE CODE	DESCRIPTION	MAX AMOUNT
071	Woven Felt Tape, Adhesive-Backed (Felt tape)	\$ 25.94
060	Electrical Tape	\$0.20

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
August 14, 2026	ITB26-010	Original bulletin published