# NISSAN ECHNICAL SERVICE BULLETIN Classification:

EL23-009A

Reference:

Date: August 4, 2023

# WIRELESS CHARGING PAD HAS INTERMITTENT OPERATION WITH APPLE IPHONE 12 OR NEWER

NTB23-060A

This bulletin has been amended. See AMENDMENT HISTORY on the last page. Please discard previous versions of this bulletin.

**APPLIED VEHICLES:** 2023 ARIYA (FE0)

# **IF YOU CONFIRM**

The customer states that the wireless charging pad will not completely charge an Apple iPhone 12 or newer, or the wireless charging pad stops charging an Apple iPhone 12 or newer after approximately 15 seconds.

# ACTION

Follow the steps in the SERVICE PROCEDURE below to:

- 1. Confirm the current Wireless Charger Control Unit part number.
- 2. Reprogram the Wireless Charger Control Unit, if applicable.

**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.

#### SERVICE PROCEDURE

**IMPORTANT:** Before starting, make sure ASIST on the CONSULT PC has been synchronized (updated) to the current date.

- 1. Put the vehicle in READY mode.
- 2. Confirm that the CONSULT PC is connected to Wi-Fi.
- 3. Connect the Vehicle Interface (VI) to the vehicle.
- 4. Start CONSULT-4 on the CONSULT PC.
- 5. If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.
- 6. Login using your NNAnet credentials.

**IMPORTANT:** If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close CONSULT-4, confirm the CONSULT PC is connected to Wi-Fi, and then reopen CONSULT-4.

- 7. Wait for the VI to be recognized.
- 8. Wait for all the modules under **Tool menu** to load during the system call process.

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Figure 1

# 9. Select Vehicle reprogramming.

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Change vehicle 😫	(C) AIR BAG	APPROACHING     VEHICLE SOUND     FOR PEDESTRIANS	(🕗) AUTOMATIC BACK DOOR	(©) AVM
Replace ECU	BCM	Calculator Power Line Communication	CHARGER/POWER DELIVERY MODULE	(C) Chassis control
Diagnostic history		(♥) DRIVER SEAT	(     Electrically-driven     intelligent brake unit	

Figure 2

- 10. Find the **Current part number** of the Wireless Charger ECU (**WL CHG**) and write it on the repair order.
  - If the Current part number matches one of the part numbers in the CURRENT WIRELESS CHARGER PART NUMBER column of Table 1, proceed to step 11 on page 5.
  - If the **Current part number** does not match one of the part numbers in the **CURRENT WIRELESS CHARGER PART NUMBER** column of **Table 1**, this bulletin does not apply. Return to ASIST for further diagnostic and repair information.

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WL C	CHG	OBD			283D46F	RA1A		283H56	RA3A		0		
Calcu	ulator Power Line	CFG			-			-			0		
Side	radar (Rear left)	CFG			-			-			0		
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Table 1

MODEL	CURRENT WIRELESS CHARGER PART NUMBER:	WIRELESS CHARGER PART NUMBER AFTER REPROGRAM:
	28342-6RA0A	
ARIYA	283H5-6RA0A	283H5-6RA0B
ARITA	283D4-6RA0A	
	283D4-6RA1A	283H5-6RA3A

# 11. Select the green icon.

Home	🛱 Vehicle repr	o ×										
	Select ECU Please select ECU to reprogr	amming.										
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	MULTI AV	CFG			-			-		0		
	WL CHG	OBD		:	283D4(X)	xxxx		283H5 XXXX	X	0		
	Calculator Power Line	CFG			-			-		0		
	Side radar (Rear left)	CFG			-			-		0		
	Side radar (Rear right)	CFG			-			-		0		
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Figure 4

# 12. Select Next.

**IMPORTANT:** Do not enter anything into the **Vehicle Information** section.

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WL CHG												^
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	WL CHG	OBD	)									
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Figure 5

13. Confirm the Vehicle name, VIN, and ECU are correct, and then select Next.

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Vehicle name     VIN       ARIYA     JN1DFxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	WL CHG											^
ARIYA     JN1DFxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		Confirm progra	amming data									
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Figure 6

14. Allow the reprogramming data to download to the CONSULT PC, and then select **Next**.

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WL CHG									~
Data download									
	WL CHG (OBD) - Downloading	in progress,	please wa	it 100%					
								_	
									Next

Figure 7

15. Verify the battery voltage is between 12.0V and 13.5V, and then select Next.

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	The following conditions must be	met in or	der to perfo	orm repr	ogramming.							
	Condition						Value					
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	Adjust the battery charger output 13.5V. The vehicle battery voltag											
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16. Allow the reprogram to complete.

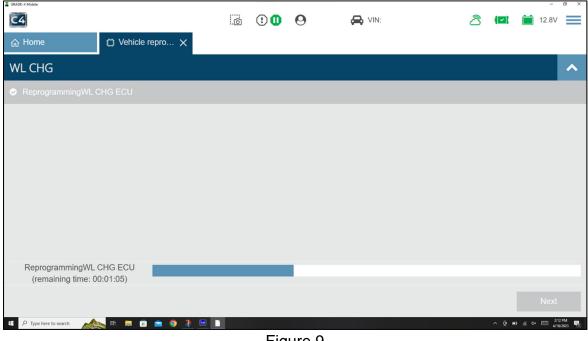


Figure 9

17. Once the reprogramming is complete, select **Next**.

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18. Select **Complete**.

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# **CLAIMS INFORMATION**

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Wireless Charger	(1)	RXD6AA	ZE	32	0.4

(1) Reference the electronic parts catalog and use the Wireless Charger (28342-\*\*\*\*) as the Primary Failed Part (**PFP**).

#### AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
July 28, 2023	NTB23-060	Original bulletin published
August 4, 2023	NTB23-060A	Footnote in CLAIMS INFORMATION revised