

EL23-009

NTB23-060

July 28, 2023

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

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.



Figure 1

9. Select Vehicle reprogramming.

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合 Home				
	ECU 💮 System			🕛 C 🔓 🔨
Vehicle menu 🔇	 No support for All DTC r 	eading. (1)		
Network diagnosis	HVAC			
All self diagnosis result 🔎	 No DTC (37) 			
ITECHNICIAN.PROCEDURES!		(2)	(②)	
IQUICK.MAINTENANC	area network gateway	ABS	ACTIVE NOISE CONTROL	ADAS CONTROL UNIT 2
Change vehicle 😫				
Tool menu	AIR BAG	VEHICLE SOUND	AUTOMATIC BACK	AVM
Data monitor		FOR PEDESTRIANS	DOOK	
Replace ECU	(©) BCM	Calculator Power Line	CHARGER/POWER	(O) Chassis control
Vehicle reprogramming		Contraction of the	DEFICITI MODULE	
Diagnostic history	C/DC CONVERTER	(🗢) DRIVER SEAT	 Electrically-driven intelligent brake unit 	() HEAD UP DISPLAY
🖽 🔎 Type here to search 🛛 📩 🖬				^ ⊕ ⊕ ∉ ↔ b51MM

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.

	and the			
Select ECU Please select ECU to reprog	ramming.			
ECU	Туре	Current part number	Part number after programming	
Chassis control	CFG	-	-	0
MULTI AV	CFG	-		0
WL CHG	OBD	283D46RA1A	283H56RA3A	0
Calculator Power Line	CFG	•	-	0
Side radar (Rear left)	CFG	-	÷	0
Side radar (Rear right)	CFG	-	90	0

Figure 3

Table 1

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

11. Select the green icon.

	in of				
Select ECU Please select ECU to repro	gramming.				
ECU	Туре	Current part number	Part number after programming		
Chassis control	CFG	3	•	0	
MULTI AV	CFG		40	0	
WL CHG	OBD	283D4IXXXXX	283H5 XXXXX	0	
Calculator Power Line	CFG	-	-	0	
Side radar (Rear left)	CFG	÷		0	
Side radar (Rear right)	CFG	-	2	0	

Figure 4

12. Select Next.

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

CHG enicle information input for special cases(mounting vehicle) Please input the specified value only in mounting vehicle.
CHG mide information input for special cases(mounting vehicle) Please input the specified value only in mounting vehicle.
enicle information input for special cases(mounting vehicle). Please input the specified value only in mounting vehicle.
Please input the specified value only in mounting vehicle.
ECU Programming method Vehicle informaton
WL CHG OBD

Figure 5

- C4 a 00 0 A VIN: 3 1 12.8V 命 Home 🗇 Vehicle repro... 🗙 WL CHG ~ Confirm programming data Vehicle name ARIYA JN1DFXXXXXXXXXXXXXXXX Programming Current part Part number after Programming ECU method number time (min.) programming WL CHG 5 OBD 283D4 XXXXX 283H5 XXXXX ÷ Cancel 🖽 🔎 Type nere to search 🚕 a 😄 🖄 🗃 🍳 🧎 🖻 🗋 🕷 Figure 6
- 13. Confirm the Vehicle name, VIN, and ECU are correct, and then select Next.

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



Figure 7

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

M CHG							_			
VE CHG									_	
	The following conditions m	ust be met in o	rder to perfo	orm reprogr	amming.	_	-			
	Condition						Value			
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	Adjust the bettery shares	output so that	the vehicle	hattan valt	age is between 12	0V and	V	~		
	13.5V. The vehicle battery	voltage is sho	wn on the to	op-right of t	nis screen	ov and				

16. Allow the reprogram to complete.



Figure 9

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

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☆ Home ♥ Vehicle repro ×								
WLCHG								^
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Figure 10

18. Select **Complete**.

								<u>^</u>
Reprogra	mmable EC	U				1000		
ECU	Programmi ng method	ECU saved data	Update status	Previous	Current	Auto configuratio n	Post replacemen t	
WL CHG	OBD	-	~	283D4 XXXXX	283H5xxxxx	4	×	

Figure 11

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 (28432-****) as the Primary Failed Part (**PFP**).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
July 28, 2023	NTB23-060	Original bulletin published