# TECHNICAL SERVICE BULLETIN

| Classification: | Reference: | Date: |
|---|---|---|
| DA23-005A | NTB23-077A | January 13, 2025 |

## ADAS DTC SERVICE INFORMATION

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

**APPLIED VEHICLES:** 2023-2025 ARIYA (FE0)

**SERVICE INFORMATION**

If one or more of the following ADAS (Advanced Driver Assistance System) DTCs are stored, but continue to be current after the vehicle is turned OFF (IGN OFF) and then back to Ready Mode (IGN ON),

- C1F90-97 – ADAS control unit 2 circuit
- C1F05-49 – Front camera unit
- C1F05-97 – Front camera unit
- C1F05-04 – Front camera unit
- U19BC-87 – CAN comm err (Side radar rear LH)
- U19BD-87 – CAN comm err (Side radar rear RH)
- U19C2-87 – Ethernet circuit ERROR(AVM)
- U19C7-87 – Ethernet comm err (HD map module)
- U19C6-87 – Ethernet comm err (Front camera)
- C21F6-49 – Camera
- C258E-86 – Steering Angle Sensor
- C2500-49 – Camera unit malf
- C2506-49 – Front camera unit
- U2159-87 – CAN communication error (steering control unit)
- C2540-04 – Backup mode
- C1F95-11 – System BU func power supply circ

**AND**

Will not erase and there are no other symptoms identified, refer to the **SERVICE PROCEDURE**.

## SERVICE PROCEDURE

1. Ensure that CONSULT 4 (C4) has adequate Wi-Fi signal strength and is connected via USB to the VI3.

2. Confirm the condition of the 12 volt Lead Acid Battery (LAB), and the State Of Charge (SOC) of the High Voltage (HV) battery.

    - The 12 volt battery condition must be properly maintained, and the HV battery must be at least 30% SOC.

        - If the 12 volt battery is not in good condition and the HV battery is at least 30% SOC, this bulletin does not apply. Refer to the ESM for further diagnostic information.

3. Turn the IGN OFF and accessory power OFF (ACC OFF).

4. Close all of the vehicle's doors and the hood.

    - Confirm the combination meter is off.

5. Open the driver's door, remove the Intelligent Key from the vehicle, and then close the driver's door for 10 minutes.

    - Keep the Intelligent Key at least thirty (30) feet away from the vehicle during the 10 minute interval.

    **HINT:** Since the accessory power is turned ON by the auto ACC function, do not operate the door lock or open and close the doors during the 10 minute interval.

6. Put the vehicle into Ready Mode.

7. Check the 12 volt battery's voltage with CONSULT 4 (C4).

    - If the voltage is 13.0V (+/-0.5V), proceed to step 8.

    - If the voltage is not 13.0V (+/-0.5V) refer to step 2 above.

8. Turn the IGN ON and perform **All self-diagnosis result**.

9. If DTCs are still present, perform Erase all DTCs.

   - If all DTCs listed on page 1 are now gone, the TSB is complete.
   - If DTCs (listed or not listed on page 1) are still present, refer to the ESM for further diagnostic information.

**AMENDMENT HISTORY**

| PUBLISHED DATE | REFERENCE | DESCRIPTION |
|---|---|---|
| November 6, 2023 | NTB23-077 | Original bulletin published |
| January 13, 2025 | NTB23-077A | **APPLIED VEHICLES** revised to include 24-25MY and reference to **NTB23-003** removed from step 2 |