

	GROUP	MODEL
	General	2025-2026MY EV6 (CVa) 2026MY EV9 (MVa)
	NUMBER	DATE
	PS804	January 2025



TECHNICAL OPERATIONS

SUBJECT: **NACS VEHICLE CHARGING ERROR W/ DTC P343B16**

This Pitstop provides information regarding an Electric Vehicle ‘EV’ charging error accompanied by DTC P343B16 on certain 2025-2026MY EV6 (CVa) and 2026MY EV9 (MVa) vehicles equipped with Combined Charging System Combo 1 (“CCS1,” also known as SAE J1772 Combo) charging ports. When using the wrong CCS1 to North American Charging Standard ‘NACS’ adapter, proper electrical connections are not made between the charger to adapter and adapter to vehicle charging port, resulting in a charging error which can cause DTC P343B16 to set. Non-OEM adapters may not set the DTC P343B16.

Ensure the correct NACS adapter is being used by referencing [PS784](#). Confirm the NACS adapter is functioning as designed. If the correct NACS adapter is being used and is confirmed to function as designed, but DTC P343B16 continues to set and charging errors continue to occur, then refer to KGIS for further diagnosis.

Videos regarding EV charging and NACS & CCS1 chargers/adapters (linked below) can be found on Kia’s official YouTube™ channel.

- [NACS & CCS1 Charging Ports](#)
- [NACS & CCS1 Charging Adapters](#)
- [How to Connect a Charging Adapter](#)

DTC Description:
P343B16 - Battery Charger Input Voltage

AC (Level 1 / Level 2) Charging



NO Pins Visible (OK)



Pins Visible (NG)

 **NOTICE**

A Pitstop provides information which may help guide technicians address a concern on the subject vehicle described in this publication. A Pitstop is an informational guide/tool without customer notification. Technicians are to review the information provided in this Pitstop for the applicable vehicle and if applicable, use it for diagnostic purposes only. Dealers are required to validate Warranty Coverage in KDealer+ Warranty Coverage Inquiry before conducting any diagnosis/repair procedure.