

Porsche Wall Charger Connect - Ground Fault Troubleshooting

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020	Y1A, Y1B, Y1C	N/A	N/A
Panamera	As of 2017	971	N/A	PHEV models
Cayenne	As of 2019	9YA, 9YB	N/A	PHEV models

Revision History

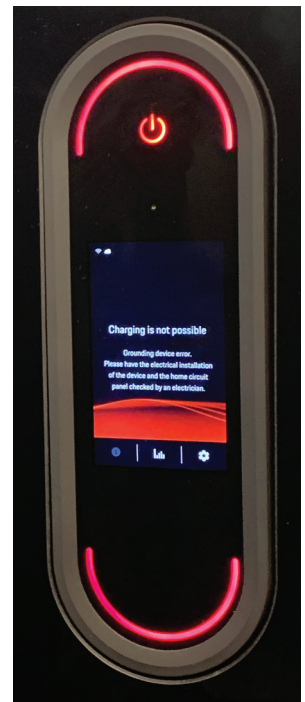
Revision	Release Date	Changes
0	August 21, 2023	Original document

Condition

Customers with the hard-wired Porsche Wall Charger Connect (PWCC, Part Number 9J1.068.209) report ground fault errors and ask for warranty service or replacement.

Technical Background





Ground faults are typically due to installation errors.



Service Information

An electrician should check the following prior to replacing the unit:

1. Dip switches

Switch position	DIP switch Net 1	DIP switch Net 2	Network configuration
	OFF	OFF	120 V single phase
	ON	OFF	240 V split phase ¹⁾
	OFF	ON	Wye 208 V
	ON	ON	not assigned

2. Voltage measurements should be within 10% of the network type selected (120, 208, 240) and within 10% of each other for all 3 measurements:

- a. L1 -> L2
- b. L1 -> G
- c. L2 -> G

3. Ground inspection:

- a. Must be directly to earth ground, e.g. no floating neutrals, junction points, or pipe grounds
- b. Ensure the charger is not installed on a high-leg (delta transformer configuration)

4. Ensure proper wire gauge for the electrical load and length of the run (L1, L2, G)

Search Items

Porsche Wall Charger Connect; ground fault

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