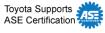


## Battery Electric Vehicle (BEV) Traction Battery Long-Term Maintenance Guidelines

Service

**Category** General

Section Pre-Delivery Service Market USA



### **Applicability**

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2024	bZ4X	

#### Introduction

Battery Electric Vehicles (BEVs) store electricity received via an external power source in the BEV traction battery. When the BEV is not used for a period of 30 days or more, the traction battery self-discharges, thus reducing vehicle travel range. To prevent the BEV traction battery from fully discharging it is necessary to maintain the charge level of the BEV traction battery.

### **Warranty Information**

OP CODE	DESCRIPTION		OFP	T1	T2
N/A	Not Applicable to Warranty		-	-	-

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# Battery Electric Vehicle (BEV) Traction Battery Long-Term Maintenance Guidelines

### **Long-Term Storage Guidelines**

Below are items that should be checked periodically and their frequency.

**Table 1. Summary Chart for Long-Term Storage** 

ACTION	FREQUENCY		
Charge the BEV Traction Battery (if needed)	Upon arrival at the dealer, then every 30 days		

It is important to recognize that BEV traction battery capacity is reduced with time and use in the same way as other rechargeable batteries.

To mitigate the possibility of the BEV traction battery capacity being reduced, please follow these recommendations:

- Avoid parking the vehicle in high-temperature areas under direct sunlight when the BEV traction battery is fully charged.
- Avoid accelerating and decelerating frequently or suddenly when driving the BEV.
- Avoid driving the BEV frequently at high speed.
- Avoid frequent DC charging.

### **BEV Traction Battery Maintenance Procedure for Dealers**

The BEV traction battery State-Of-Charge (SOC) MUST be checked upon vehicle arrival at the dealer/retailer and once every 30 days thereafter.

- 1. Validate if the traction battery warning light is displayed ON within the instrument cluster.
- 2. If the warning light is displayed ON, charge the traction battery via the AC charging method.

Table 2.

CONNECTED		40 011400100 04015			
POWER SOURCE	DC CHARGING	AC CHARGING		AC CHARGING CABLE	
CHARGING VOLTAGE	Avoid using	AC 220 – 230 V			
CHARGING CURRENT	DC charger for supplementary charging during long-term storage, prefer AC charging	32 A	16 A	8 – 10 A	
CHARGING TIME		Approximately 30 Minutes	Approximately 60 Minutes	Approximately 90 Minutes	

3. After charging has been completed, verify the traction battery warning light is OFF before storing the vehicle long-term. If the traction battery warning light is still ON after charging, repeat the charging process.

### NOTE

Model specific information for charging the BEV traction battery, charging equipment, and charging method can be referenced from the vehicle's owner's manual. Avoid using the DC charger for supplementary charging during long-term storage.