

Reference	SSM75488
Models	E-PACE / X540 F-PACE / X761 XE / X760 XF / X260
Title	MHEV 48V Battery SoC (state of charge) Discharging Issues
Category	Electrical
Last modified	05-Aug-2021 00:00:00
Symptom	203000 Basic Electrical
Content	<p>Issue:</p> <p>Battery care information requirements for 48V Battery discharge issues on MHEV vehicle lines.</p> <p>Cause:</p> <p>Vehicles stored in compounds not having Battery care process updated causing the MHEV battery to discharge. The issue can also happen at the retailers if the cars are in storage for a long time.</p> <p><u>Note:</u></p> <p>Applies to XCL and all MY with an MHEV battery fitted.</p> <p>Action:</p> <ol style="list-style-type: none"> 1. The vehicle must be put into transit mode if it is anticipated that the vehicle will be stored for more than 30 days. 2. Repeat the following procedure every 30 days during which the vehicle is left unused. 3. For hybrid vehicles (MHEV) run the engine for 10 minutes to top up the battery charge. 4. Vehicles shall not be left in Power Mode = "ignition on" unless this is essential for repair purposes. 5. To prevent the 12V battery being depleted, suitable 12v power supply should always be connected and enabled while performing software updates or vehicle repairs. Refer to TOPIx for related procedures. 6. High voltage electrical loads (e.g. Electric Air Con Compressor) must only be turned on when absolutely required in Power Mode = "ignition on". They must not be turned on whilst carrying out an unrelated repair.

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