

Reference	SSM76110
Models	Defender / L663 New Range Rover / L460 New Range Rover Sport / L461
Title	L460 / L461 / L663 Showroom Mode - Fuse Removal
Category	Electrical
Last modified	21-Aug-2026 08:19:00
Symptom	203000 Basic Electrical
Content	<u>Issue:</u> - - 24MY L460/L461 onwards NC11 (V8 4.4 Petrol) only - 25MY L460/L461 onwards 3.0l ingenium diesel, 3.0l ingenium petrol, NC11 (V8 4.4 Petrol) - 25MY L663 NC11 OCTA (V8 4.4 Petrol) only Vehicles on display e.g. in a showroom whilst being supported by a showroom <u>12v support unit</u>, these vehicles require an additional fuse to be removed to prevent the MHEV (48v) battery draining and causing the cells to drop to a non recoverable level. Failure to follow this process will void the warranty cover on this battery. <u>Cause:</u> - Vehicle activity resulting in the 48v battery cells depleting to a point where they can not be recovered - resulting in the need for replacement of the whole 48v battery <u>Action:</u> - Whilst the vehicle is in a showroom or on display and being supported with 12v battery support unit - Fuse P1F16 (5A) Passenger Junction Box D (KL30 supply) (L460/L461) or Fuse 34R (5A) Junction Box -Rear (P107) (KL30 supply) (L663) <u>must be removed.</u> Note: When the Showroom Mode application is launched, it automatically checks the state of charge (SoC) of the 48V battery. If the battery is below 95% SoC, a warning is displayed instructing the user to charge the battery, and progression is blocked. The vehicle engine must be run to recharge the battery before the vehicle can be placed into Showroom Mode. Given the expected battery self-discharge over time, any vehicle that remains in a showroom environment for more than 10 months will

require the engine to be run periodically to maintain the battery above the minimum SoC threshold required for Showroom Mode activation.

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