

TECHNICAL TOPICS

ELECTRICAL



Quiescent Drain Concerns

17-22MY Range Rover, RR Sport, RR Velar, RR Evoque, Discovery, Discovery Sport, XE, XF, F-PACE, F-TYPE, E-PACE

Customer Voice:

- Customer reports numerous concerns, such as low battery warning message on startup, or vehicle will not start after sitting.

Technical Description:

- Battery Quiescent Drain can be occurring from many different issues

Status:

- Due to the often-difficult nature to diagnose Quiescent Drain concerns, TOPIx section 414-01 – Flat Battery Diagnostics is consistently being updated to support with accurately pin-pointing the source of the quiescent drain.

PROTECT

IQ / Battery Drain Investigation Test Plan

Test	Test 1	Test 2	Test 3	Test 1	Test 2	Test 3	Test 1	Test 2	Test 3	Test 1	Test 2	Test 3
Task List	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)	Verify the battery is fully charged and the vehicle is in the correct state (Park, Ignition Off, etc.)

Notes:

- 1. If the vehicle is not fully charged, use the key fob to initiate the correct command.
- 2. If the vehicle is not in the correct state, use the key fob to initiate the correct command.
- 3. If the vehicle is not in the correct state, use the key fob to initiate the correct command.

