

## AUTOFRED APPROVAL – Instructions for “Vehicle 12V Circuit Recovery”

### Range Rover

- 22-25MY Range Rover
- 23-25MY RR Sport

### Defender

- 25MY Defender OCTA

- There have been incorrect practices being followed when performing a 12V circuit recovery for the startup battery.
- When performing the 12V circuit recovery, please utilize the MPL-50LI Traction battery charger and follow the steps below:
  1. Hookup the electrical leads to the vehicle → red for (+)positive and black for (-)negative.
  2. Turn on the battery charger.
  3. Press and hold the ‘Mode’ switch for more than 5 seconds until all LEDs are off. This will activate the 12V recovery output, as seen in the left-hand photo below.
  4. Press the ‘Mode’ switch again for 10-15 seconds until the ‘Ready’ and ‘Support’ LED indicators light up, as seen in the right-hand photo below.



- TOPIx workflow should now be open, and the test plan titled: “Vehicle 12V Circuit Recovery – Vehicle not Responsive Test” should be run.
- Instructions can also be found in the TOPIx Workshop Manual → 4: Electrical → 414: Battery and Charging System → 414-00: Battery and Charging System General Information → Vehicle 12v Circuit Recovery"