

Classification:

EL09-005

Reference:

ITB09-015

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BATTERY STORAGE AND MAINTENANCE FOR NEW VEHICLES IN DEALER INVENTORY

APPLIED VEHICLES: All new (unsold) Infinitis in dealer inventory

SERVICE INFORMATION

Proper storage and maintenance of vehicle batteries is the dealer's responsibility and an important part of insuring good battery operating life.

Vehicles being stored at the dealer should have their batteries State Of Charge (SOC) routinely checked (every 30 days with cables connected, every 90 days with negative cable disconnected).

If the batteries in new vehicles in dealer inventory are allowed to discharge for a prolonged period of time it will have the following affects:

- Battery life will be drastically reduced which can lead to premature replacement.
- In hot weather, a discharged battery can result in shorter battery life.
- In cold weather, the internal plates of a discharged battery can freeze and damage the battery.
- Poor battery maintenance can contribute to a customer receiving a vehicle with a battery that has a low SOC (State Of Charge).
- Customer dissatisfaction.

Required Battery Testing for Dealer's New Vehicle Inventory:

For unsold new vehicles, the dealer is required to use the Midtronics GR-8 Battery and Electrical Diagnostic Station to:

- Test the battery at PDI.
- Test the battery on the day the vehicle is delivered to the customer (Replace malfunctioning defective batteries before delivering a vehicle to a customer.)
- Keep records (print-outs) from the GR-8 each time the battery is tested.

NOTE: The GR-8 printout will show:

- Test dates
- Correct CCA value for the battery test.
- Results of battery test.

Battery Maintenance:

If a vehicle is being stored on the dealer lot, routinely check the battery SOC and charge the battery as needed. Recommend intervals are:

- Both battery cables connected; every 30 days.
- Negative battery cable disconnected; every 90 days.

NOTE:

- The above time intervals assume the vehicle is not being moved.
- Disconnecting the negative battery cable reduces the chance of battery damage due to low SOC.
- For accurate battery testing use the Midtronics GR-8 or the Midtronics EXP-800.
- For battery charging, the Midtronics GR-8 is recommended.
- Short test drives or vehicle idle are not acceptable methods for recharging the battery.
- If a vehicle is moved, it will affect the battery SOC (very short drives reduce the battery SOC while long drives increase it).

NOTE: Each vehicle battery should be tested and properly maintained prior to vehicle delivery. Proper storage and maintenance of vehicle batteries is the dealer's responsibility and an important part of insuring good battery operating life.

Record keeping:

As batteries are maintained through testing and charging, NNA recommends keeping a detailed maintenance record.

Keep the battery maintenance record in the vehicle folder.

In the case where a battery warranty claim is submitted, a dealer may be asked to show battery maintenance records. Records should include:

- GR-8 printout of the battery test done when the vehicle arrived at the dealer.

NOTE: If a vehicle arrives at the dealer with a discharged battery, perform Analysis and, if needed, Diagnostic Charging with the GR-8.

GR-8 Results:

- Good Battery: Return vehicle to dealer inventory.
 - Battery requires charge: Charge as directed with GR-8.
 - Replace Battery or Replace Bad Cell: Replace the battery (see Claims Information).
- GR-8 printout of battery test done during PDI.
 - Battery inspection and recharge schedule with GR-8 printout for each inspection date.
 - GR-8 printout of battery test done at final delivery to the customer.

CLAIMS INFORMATION

Reference the current Infiniti Assurance Products Resource Manual for battery claims procedures.

Important Information for Battery Claims:

- GR-8 "test code" is required for all battery warranty claims.
 - GR-8 printout with "test code" must be attached to the warranty claim repair order.
 - Any claims submitted without a "test code" will be rejected.
 - GR-8 "test codes" are audited for accuracy.
 - Testing and/or charging a battery cannot be claimed as a warranty expense.
 - A battery in a dealer inventory vehicle that is left uncharged and is damaged due to poor maintenance is not considered a defect and the replacement is not covered by warranty.
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