

Classification:

EL17-039a

Reference:

ITB17-056a

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## INTELLIGENT KEY BATTERY DISCHARGED

This bulletin has been amended. See AMENDMENT HISTORY on the last page.  
Please discard previous versions of this bulletin.

**APPLIED VEHICLES:** 2014 - 2019 Q70 (Y51)  
2014 - 2021 QX80 (Z62)

### SERVICE INFORMATION

If the Intelligent Key is stored within 15 feet of the vehicle, the BCM may continue to “ping” the Intelligent Key, keeping it awake. Keeping the Intelligent Key awake may result in discharging its battery in a much shorter period of time than normal (premature battery discharge).

**Example:** The Intelligent Key should **not** be stored in a lock box or other storage container attached to the outside of the vehicle.

To prevent premature Intelligent Key battery discharge, store the Intelligent Key more than 15 feet from the vehicle.

If unable to store the Intelligent Key more than 15 feet from the vehicle (for example, when a vehicle is on display in the showroom), the following steps will prevent the BCM from continuing to “ping” the Intelligent Key:

- Disable the welcome light function using the on-board methods outlined in this bulletin, or
- Disable the welcome light function using the CONSULT-III plus methods outlined in this bulletin.

**NOTE:** If an Intelligent key is routinely stored within 15 feet of a vehicle while it is in dealer inventory, the Intelligent Key battery should be replaced before the vehicle is delivered to the customer. This will ensure the customer receives Intelligent Keys without premature discharge. Intelligent Key batteries replaced for this reason are not covered under warranty.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

### On-board method to disable the welcome light function

1. Turn the ignition switch to the ON position.
2. Open the driver side door.
3. Within 20 seconds after the ignition switch is turned to the ON position, push the driver side door handle request switch for more than five (5) seconds with the driver side door open.
4. A chime sounds when the setting is completed.
5. Turn the ignition switch to the OFF position.
6. Again, cycle the ignition to the ON, and then the OFF position.
7. Confirm that the welcome lighting function is turned ON or OFF by locking doors and approaching the vehicle with the Intelligent Key.

### C-III plus method to disable the welcome light function

1. Turn the ignition ON, engine OFF.
2. Connect the VI and start C-III plus.
3. Navigate to the C-III plus screen shown in Figure 1.
  - Diagnose (One System) or Diagnosis (All Systems), and then BCM.
4. Select INTELLIGENT KEY.

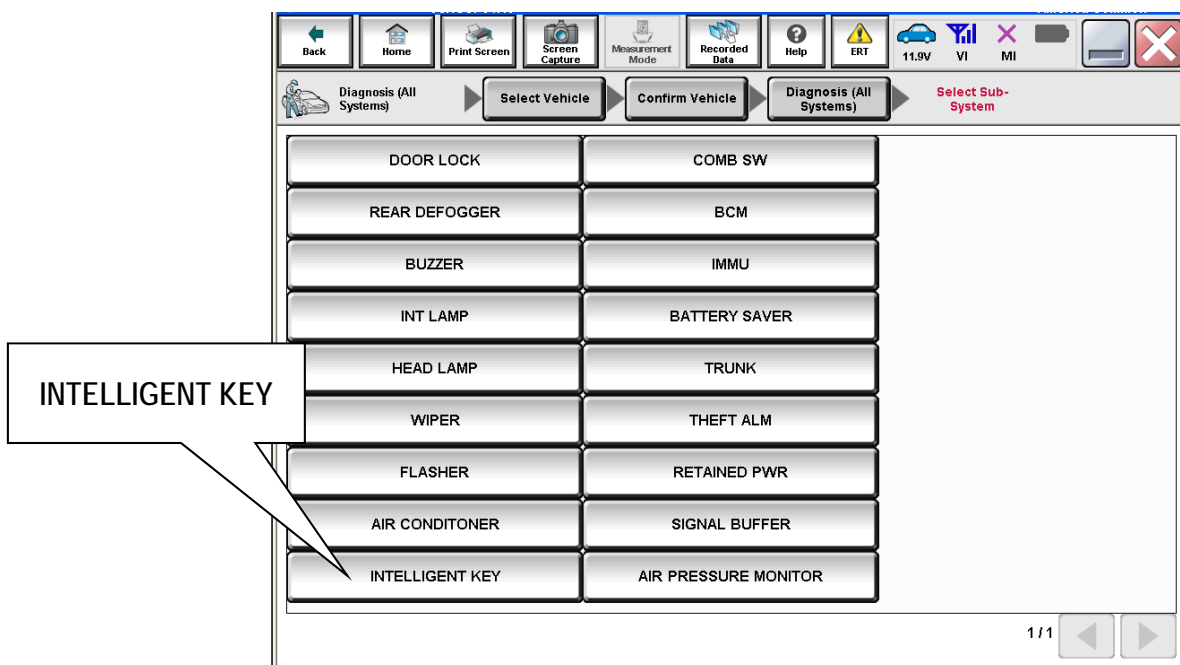


Figure 1

5. Select WELCOME LIGHT OP SET.

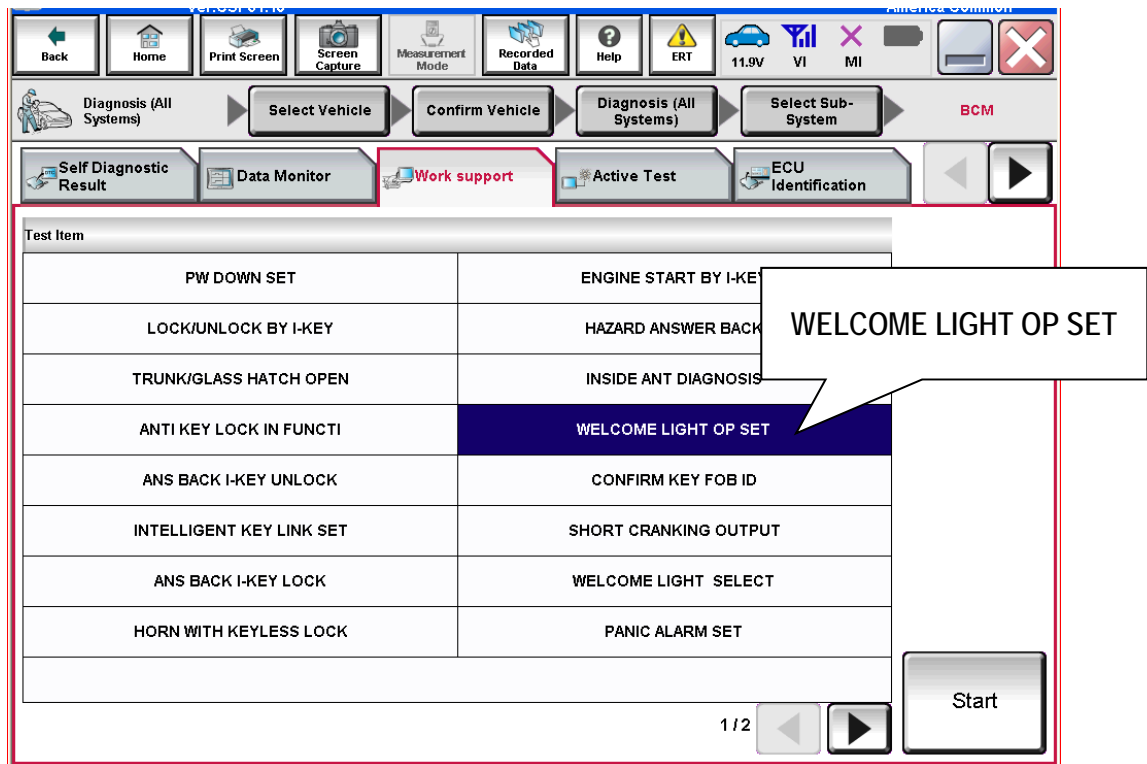


Figure 2

6. Select Start.

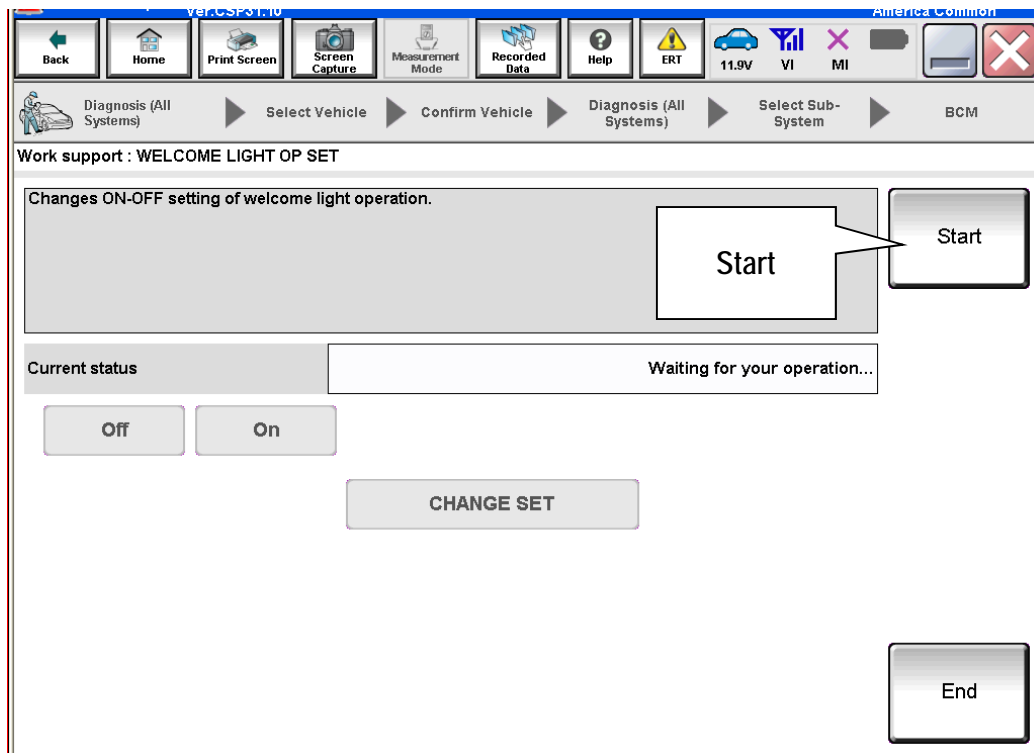


Figure 3

7. Select **CHANGE SET** and verify the Current status changes from **On** to **Off**.

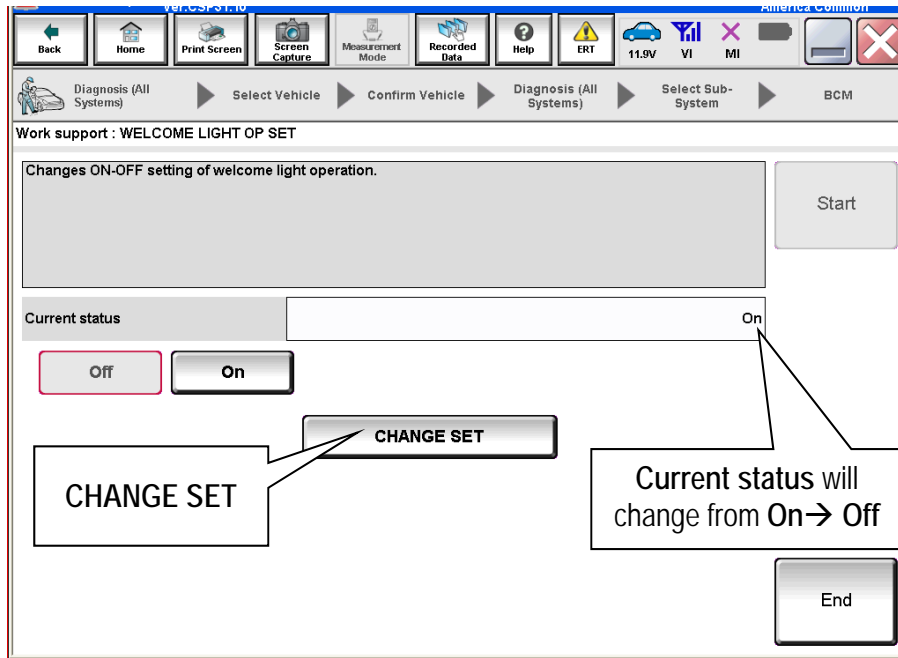


Figure 4

8. Confirm the Current status is set to **Off**.
9. Select **End**.

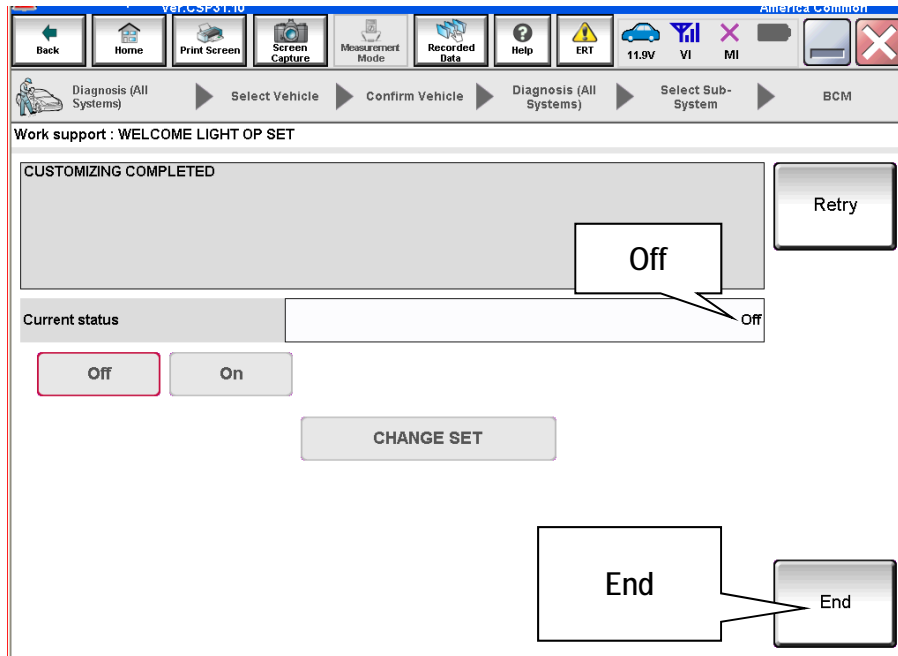


Figure 5

10. Confirm that the welcome lighting function is no longer active by locking doors and approaching vehicle with Intelligent Key.
11. Make sure welcome light function is turned **ON** prior to customer delivery.

## AMENDMENT HISTORY

| PUBLISHED DATE    | REFERENCE  | DESCRIPTION                 |
|-------------------|------------|-----------------------------|
| November 27, 2017 | ITB17-056  | Original bulletin published |
| January 22, 2021  | ITB17-056a | APPLIED VEHICLES revised    |

