



SERVICE BULLETIN

Classification: EL18-019	Reference: NTB18-043	Date: June 19, 2018
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HEADLIGHT SYSTEM ERROR DIAGNOSTIC INFORMATION

APPLIED VEHICLES: 2015 – 2018 Murano (Z52)
2017 Murano Hybrid (Z52)
2016 – 2018 Titan XD (A61)
2017 – 2018 Titan (A61)

APPLIED SYSTEM: LED Headlamps

SERVICE INFORMATION

- When diagnosing a Headlight System Error warning, and
- Both headlamps are visually working correctly,
- It may be difficult to determine the exact cause.



Figure 1

- Use the information in this bulletin as an aid, along with the Electronic Service Manual (ESM), to isolate the root cause and fix it right the first time.

Nissan 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 Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

1. Connect CONSULT-III plus (C-III plus) to the vehicle.
2. Turn C-III plus ON.
3. Navigate C-III plus to the screen shown in Figure 2.
 - **Diagnosis (One System) >> METER/M&A >> Data Motor**
4. Select **LED LMP R OPEN** and **LED LMP L OPEN**.
5. Select **START**.

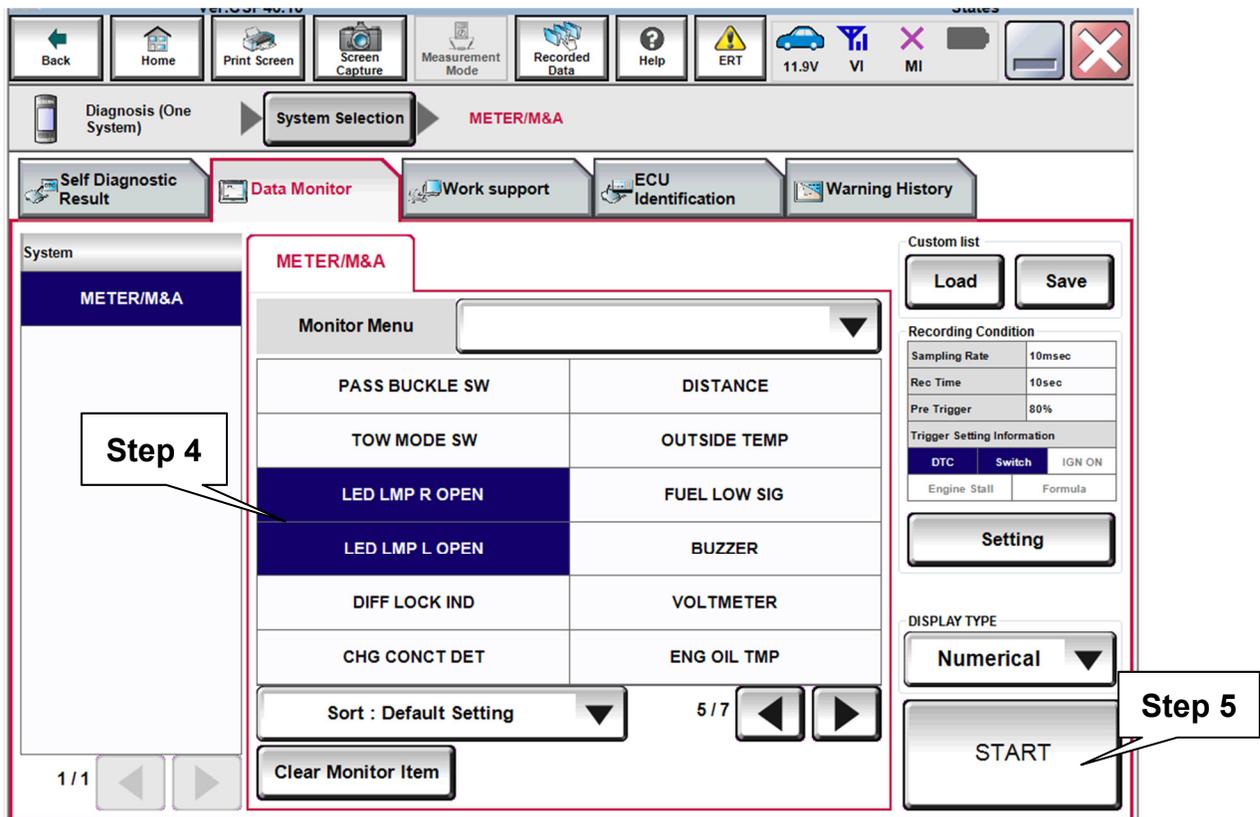


Figure 2

6. Turn the headlamps ON.
7. Monitor the ON/OFF reading.
8. Refer to the information below and the Diagnostic Table on the next page.

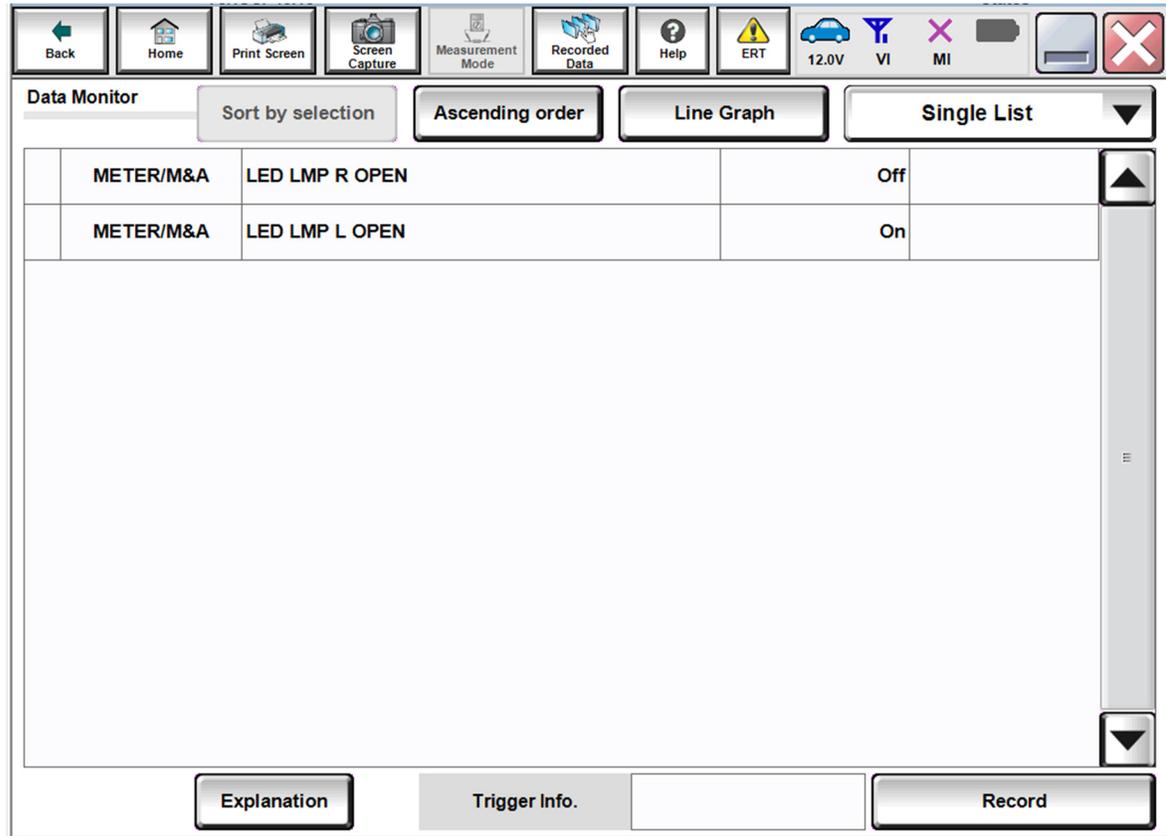


Figure 3

NOTE: With the headlamps turned ON, Data Monitor indicates the following:

ON – means the signal from the LED headlamp is NG. The Headlamp Control Module has detected a fault in the headlamp and it is creating an open circuit,

OR

An open in the wiring to the headlamp could also cause an ON indication.

The open circuit tells the combination meter that a fault exists.

OFF – means the LED headlamp is OK. The circuit is closed, telling the combination meter the headlamp is OK.

IMPORTANT: Both readings will always indicate ON when the headlamps are OFF.

Diagnostic Table

	Headlamp switch	C-III plus indication	Action
LED LMP R OPEN	ON	OFF	<ul style="list-style-type: none"> • Right headlamp assembly is OK (1)
		ON	<ul style="list-style-type: none"> • Use ESM to check wiring between the headlamp assembly and the combination meter. • Test the right headlamp position with known good assembly.
LED LMP L OPEN	ON	OFF	<ul style="list-style-type: none"> • Left headlamp assembly is OK (1)
		ON	<ul style="list-style-type: none"> • Use ESM to check wiring between the headlamp assembly and the combination meter. • Test the left headlamp position with known good assembly.

(1) If the C-III plus indicates OFF for both headlamps, and both headlamps are visually operating correctly, and Headlight System Error warning is displayed; replace the combination meter.

IMPORTANT: Both readings will always indicate ON when the headlamps are OFF.

CLAIMS INFORMATION

If a headlamp assembly is replaced under warranty, it may be requested for inspection and is subject to chargeback if the part is found to be within normal service condition.

